

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
3760-00-70		

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
 PLAN OF PROPOSED IMPROVEMENT
CTH H, CTH KR TO BRAUN RD
 CTH KR TO BRAUN RD
CTH H
RACINE COUNTY

APPROVED FOR DESIGN
OF UTILITY
ADJUSTMENTS
8/27/18

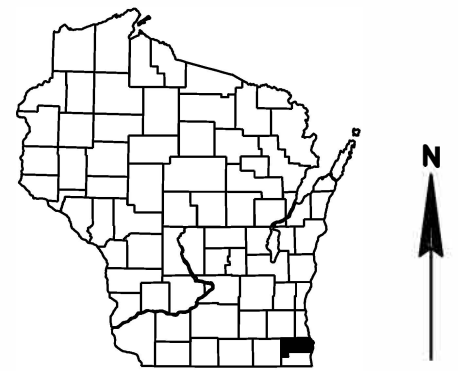
STATE PROJECT NUMBER
3760-00-70

PROJECT ID: 3760-00-70
 WITH: N/A

ORDER OF SHEETS

Section No. 1	Title
Section No. 2	Typical Sections and Details
Section No. 3	Estimate of Quantities
Section No. 3	Miscellaneous Quantities
Section No. 4	Right of Way Plat
Section No. 5	Plan and Profile
Section No. 6	Standard Detail Drawings
Section No. 7	Sign Plates
Section No. 8	Structure Plans
Section No. 9	Computer Earthwork Data
Section No. 9	Cross Sections

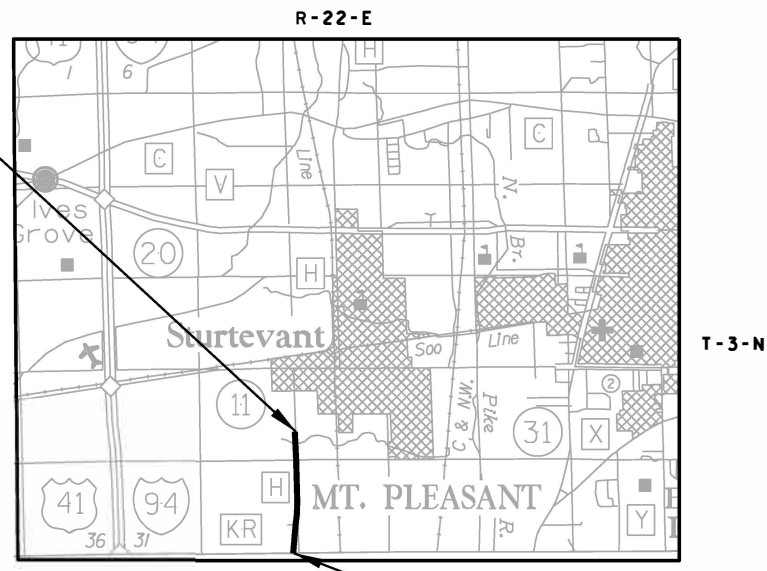
TOTAL SHEETS =



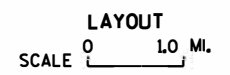
DESIGN DESIGNATION

A.A.D.T. 2018	=	X,XXX TO X,XXX
A.A.D.T. 2038	=	XX,XXX TO XX,XXX
D.H.V.	=	X,XXX - X,XXX
D.D.	=	XX/XX
T.	=	X.X%
DESIGN SPEED	=	40 mph
ESALS	=	X,XXX,XXX

CONVENTIONAL SYMBOLS		PROFILE	
PLAN		GRADE LINE	
CORPORATE LIMITS		ORIGINAL GROUND	
PROPERTY LINE		MARSH OR ROCK PROFILE (To be noted as such)	
LOT LINE		SPECIAL DITCH	
LIMITED HIGHWAY EASEMENT		GRADE ELEVATION	
EXISTING RIGHT OF WAY		CULVERT (Profile View)	
PROPOSED OR NEW R/W LINE		UTILITIES	
SLOPE INTERCEPT		ELECTRIC	
REFERENCE LINE		FIBER OPTIC	
EXISTING CULVERT		GAS	
PROPOSED CULVERT (Box or Pipe)		SANITARY SEWER	
COMBUSTIBLE FLUIDS		STORM SEWER	
MARSH AREA		TELEPHONE	
		WATER	
		UTILITY PEDESTAL	
		POWER POLE	
WOODED OR SHRUB AREA		TELEPHONE POLE	



BEGIN PROJECT
 STA 791HN+74.50
 X = 604322.13
 Y = 163785.56



TOTAL NET LENGTH OF CENTERLINE = 1.33 MI.

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATES, RACINE COUNTY, NAD83 (2011), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ELEVATIONS SHOWN ON THIS PLAN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988, NAVD 88 (2012).

ORIGINAL PLANS PREPARED BY
HNTB 1141 W. PARK PLACE
 SUITE 300
 MILWAUKEE, WI 53224
 (414) 359-2300

STATE OF WISCONSIN
 DEPARTMENT OF TRANSPORTATION

PREPARED BY
 Surveyor _____ XXXXX
 Designer _____ HNTB
 Project Manager _____ STEVE HOFF
 Regional Examiner _____ WISDOT SE REGION
 Regional Supervisor _____ MANJOY NAG
 C.O. Examiner _____

APPROVED FOR THE DEPARTMENT
 DATE: _____ (Signature)

E

UTILITY CONTACTS

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ORDER OF SECTION 2 DETAIL SHEETS

- GENERAL NOTES
- PROJECT OVERVIEW
- TYPICAL SECTIONS
- CONSTRUCTION DETAILS
- REMOVAL PLAN
- CURB RAMP DETAILS
- PLAN DETAILS
- PAVING GRADES
- DISTURBED WETLAND PLAN
- EROSION CONTROL
- STORM SEWER
- POND DETAILS
- IRRIGATION PLAN
- PLANTING PLAN
- SIGNING REMOVAL PLAN
- PERMANENT SIGNING PLAN
- LIGHTING PLAN
- TRAFFIC SIGNAL PLAN
- COMMUNICATION PLAN
- PAVEMENT MARKING PLAN
- TRAFFIC CONTROL / STAGE CONSTRUCTION
- DETOUR PLAN
- ALIGNMENT PLAN
- CONTROL AND BENCHMARKS

GENERAL NOTES

THE CONTRACTOR SHALL CONTACT THE UTILITIES AND DIGGERS HOTLINE TO LOCATE AND FIELD VERIFY UTILITIES PRIOR TO THE START OF WORK.

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE.

THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. ANY LOCAL, MUNICIPAL OR OTHER UTILITY THAT IS NOT A MEMBER OF DIGGERS HOTLINE SHALL BE CONTACTED SEPERATELY.

CURB AND GUTTER GRADES ARE GIVEN TO THE FLANGE. CURB AND GUTTER RADII DIMENSIONS ARE MEASURED TO THE FLANGE LINE UNLESS OTHERWISE NOTED.

NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT APPROVAL OF THE ENGINEER.

THE ENGINEER SHALL ADJUST THE LOCATIONS OF ITEMS UNDER THIS CONTRACT TO AVOID CONFLICT WITH THE EXISTING UTILITY FACILITIES

PROTECT INLETS WITH PROPER INLET PROTECTION AS PER DETAIL AT LOCATIONS EXHIBITING RISK OF BEING IMPACTED BY CONSTRUCTION OPERATIONS AS SHOWN ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.

THE EXACT LOCATION AND WIDTH OF TEMPORARY ACCESS FOR DRIVEWAYS WILL BE DETERMINED BY THE ENGINEER.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESHAPING AND SEEDING ANY PREVIOUSLY GRASSED AREAS WHICH ARE DISTURBED BY ANY OPERATION OUTSIDE OF THE NORMAL CONSTRUCTION LIMITS AT THE CONTRACTOR'S EXPENSE OR AS OTHERWISE DIRECTED BY THE FIELD ENGINEER.

RE-TOPSOIL OF GRADED AREAS, AS DESIGNATED BY THE ENGINEER, IMMEDIATELY AFTER GRADING IS COMPLETED WITHIN THOSE AREAS. SEED, FERTILIZER, AND MULCH/EROSION MAT TOP-SOILED AREAS, AS DESIGNATED BY THE ENGINEER, WITHIN FIVE (5) CALENDAR DAYS AFTER PLACEMENT OF TOPSOIL. IF GRADED AREAS ARE LEFT EXPOSED FOR MORE THAN FIVE (5) CALENDAR DAYS, SEED AND MULCH THOSE AREAS WITH TEMPORARY SEED AND MULCH.

STOCKPILE EXCESS MATERIAL OR SPOILS ON UPLAND AREAS AWAY FROM WETLANDS, FLOODPLAINS AND WATERWAYS. STOCKPILED SOIL SHALL BE PROTECTED AGAINST EROSION. IF STOCKPILED MATERIAL IS LEFT FOR MORE THAN FOURTEEN (14) CALENDAR DAYS, SEED THE STOCKPILE WITH TEMPORARY SEED AND MULCH.

TEMPORARY STORAGE OF ANY EXCAVATED MATERIAL OR EQUIPMENT WITHIN WETLANDS OR PROTECTED AREAS IS NOT ALLOWED. WETLAND BOUNDARIES ARE SHOWN ON PLAN SHEETS.

WHEN THE QUANTITY OF HMA PAVEMENT OR BASE AGGREGATE IS MEASURED FOR PAYMENT BY THE TON, THE DEPTH OR THICKNESS OF THE LAYER SHOWN ON THE PLAN IS THE MINIMUM REQUIRED AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER.

GENERAL NOTES CONT'D

REMOVING CONCRETE INCLUDES ANY MESH OR REINFORCEMENT THAT MAY BE PART OF THE PAVEMENT STRUCTURE. EXISTING PAVEMENT DEPTHS ARE BASED ON AS-BUILT DATA AND MAY VARY IN THE FIELD.

PRIOR TO ORDERING DRAINAGE PIPES AND STRUCTURES, THE CONTRACTOR SHALL VERIFY RELATED DRAINAGE INFORMATION IN THE PLAN AND PROVIDE DOCUMENTATION TO THE ENGINEER IN ACCORDANCE WITH THE SPECIFICATIONS. THIS ALSO INCLUDES VERIFICATION OF INVERT ELEVATIONS AT ALL PROPOSED STORM SEWER CONNECTION POINTS TO EXISTING SYSTEMS.

INLET AND DISCHARGE ELEVATIONS FOR DRAINAGE STRUCTURES SHOWN ON THE PLAN SHALL BE ADJUSTED TO FIT FIELD CONDITIONS WITH PERMISSION FROM THE ENGINEER.

CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER AND SEWRPC AT LEAST TWO (2) WEEKS PRIOR TO WORK NEAR ANY PUBLIC SURVEY MONUMENT.

FOR SECTION CORNER REPLACEMENT CONTACT JOHN WASHBURN WITH SEWRPC AT 414-218-2866 OR JWASHBURN@SEWRPC.ORG AT LEAST TWO WEEKS BEFORE STARTING CONSTRUCTION OPERATIONS. ALL HOLES OR OPENINGS BELOW SUBGRADE RESULTING FROM ABANDONMENT OR REMOVAL OF EXISTING STRUCTURES SHALL BE FILLED WITH GRANULAR BACKFILL, AS DIRECTED BY THE ENGINEER.

PROVIDE TEMPORARY POSITIVE DRAINAGE ON THE NEWLY INSTALLED STORM SEWER SYSTEM UNTIL IT IS ABLE TO EFFECTIVELY DRAIN TO ITS INTENDED OR PLANNED OUTFALL. ANY WORK REQUIRED TO COMPLETE THIS DRAINAGE IS INCIDENTAL TO THE BID ITEMS FOR STORM SEWER.

A SAWED JOINT IS REQUIRED WHERE NEW HMA PAVEMENT MEETS EXISTING ASPHALTIC CONCRETE SURFACE.

THE EROSION CONTROL FEATURES AS SHOWN IN THE PLANS ARE AT SUGGESTED LOCATIONS. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

LOCATIONS OF DRAINTILE ON THE PLAN ARE BASED ON AS-BUILT OR PROPERTY OWNER INTERVIEWS, DRAINTILE EXPLORATION ITEM IS TO BE USED TO VERIFY THE EXACT SIZE AND LOCATION.

FERTILIZER SHALL NOT BE USED WITHIN 20 FEET OF NAVIGABLE WATERWAYS OR WETLANDS.

STATIONING, DISTANCES AND OFFSETS FOR SIGNS SHOWN ON THE PLANS ARE APPROXIMATE AND THE LOCATIONS OF SIGNS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

FERTILIZER SHALL NOT BE USED WITHIN 20 FEET OF NAVIGABLE WATERWAYS OR WETLANDS.

ADDITIONAL TOPSOIL REMOVAL REQUIRED NORTH AND SOUTH OF LAMPAREK CREEK.

STA. 828HN+50 TO 829HN+00 ESTIMATED 4 FT REMOVAL DEPTH.
STA. 829HN+00 TO 829HN+50 ESTIMATED 5 FT REMOVAL DEPTH.
STA. 829HN+50 TO 831HN+00 ESTIMATED 6 FT REMOVAL DEPTH.
STA. 831HN+00 TO 832HN+00 ESTIMATED 4 FT REMOVAL DEPTH.

ABBREVIATIONS

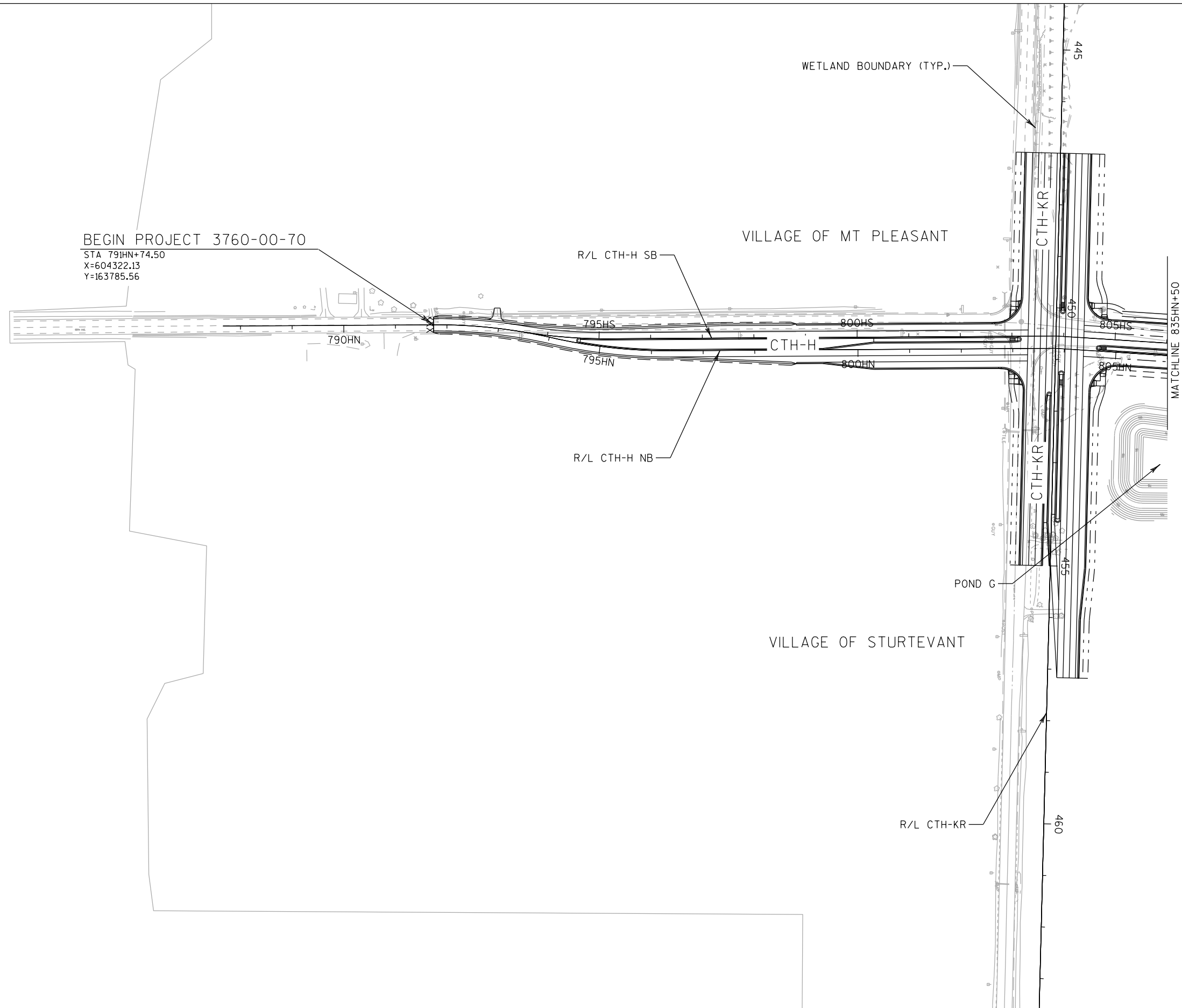
AECPRC	APRON ENDWALL CULVERT PIPE REINFORCED CONCRETE
AECPRCHE	APRON ENDWALL CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL
AECPSS	APRON ENDWALL CULVERT PIPE SLOPED SECTION
AEW	APRON END WALL
AGG	AGGREGATE
BAD	BASE AGGREGATE DENSE
B/C	BACK OF CURB
BM	BENCH MARK
C&G	CURB AND GUTTER
C/L	CENTER OR CONSTRUCTION LINE
CONC	CONCRETE
CP	CULVERT PIPE
CPCM	CULVERT PIPE CORRUGATED METAL
CPRC	CULVERT PIPE REINFORCED CONCRETE
CPRCHE	CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL
CSD	CONCRETE SURFACE DRAIN
CY	CUBIC-YARD
D	DEGREE OF CURVE
Δ	DELTA
DISCH	DISCHARGE
DWY	DRIVEWAY
EAT	ENERGY ABSORBING TERMINAL
EBS	EXCAVATION BELOW SUBGRADE
EFR	EAST FRONTAGE ROAD
EL	ELEVATION
ESTR	EXISTING SIGN TO REMAIN
FE	FIELD ENTRANCE
FMS	FIXED MESSAGE SIGN
HMA	HOT MIX ASPHALT
INV	INVERT
L	LENGTH OF CURVE
LHF	LEFT HAND FORWARD
LT	LEFT
MIN	MINIMUM
M/L	MATCHLINE

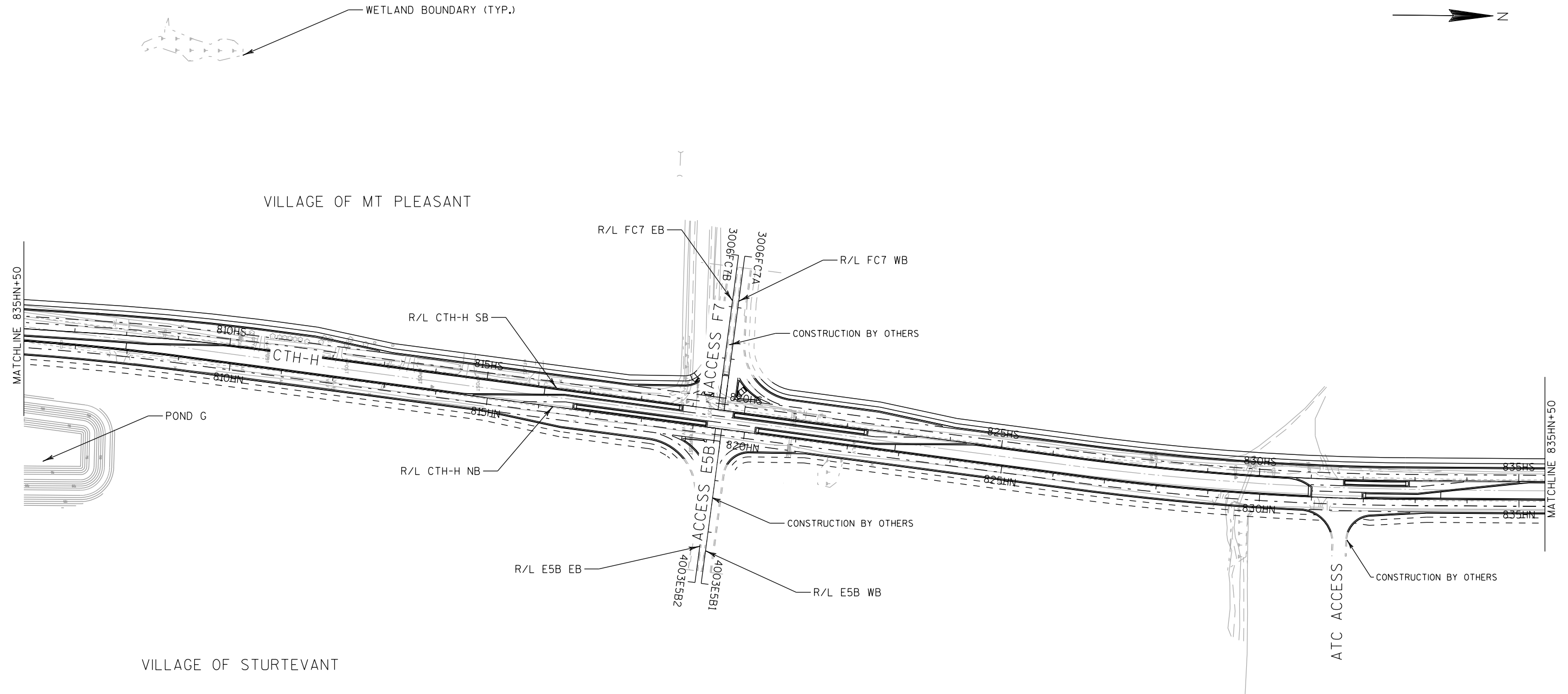
ABBREVIATIONS CONT'D

NB	NORTHBOUND
NC	NORMAL CROWN
PAVT	PAVEMENT
PC	POINT OF CURVE
PCC	POINT OF COMPOUND CURVE
PE	PRIVATE ENTRANCE
PGL	PROFILE GRADE LINE
PI	POINT OF INTERSECTION
PLE	PERMANENT LIMITED EASMENT
PT	POINT OF TANGENT
R	RADIUS OF CURVE
R/L	REFERENCE LINE
R/W	RIGHT OF WAY
RC	REVERSE CROWN
REQD	REQUIRED
RHF	RIGHT HAND FORWARD
RO	RUN OFF LENGTH
RT	RIGHT
SALV	SALVAGED
SB	SOUTHBOUND
SDD	STANDARD DETAIL DRAWINGS
SE	SUPER ELEVATION
SF	SQUARE FOOT
SSPRC	STORM SEWER PIPE REINFORCED CONCRETE
SSPRCHE	STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL
STA	STATION
SY	SQUARE YARD
T	TANGENT LENGTH
TLE	TEMPORARY LIMITED EASEMENT
TYP	TYPICAL
VCL	VERTICAL CURVE LENGTH
VPC	POINT OF VERTICAL CURVE
VPI	POINT OF VERTICAL INTERSECTION
VPT	POINT OF VERTICAL TANGENT
WFR	WEST FRONTAGE ROAD

<u>ALI IDENTIFIER</u>	<u>R/L CALLOUT</u>	<u>ROAD NAME</u>
HN	R/L CTH-H NB	CTH-H NB
HS	R/L CTH-H SB	CTH-H SB
BRE	R/L BRAUN ROAD EB	BRAUN ROAD EB
BRW	R/L BRAUN ROAD WB	BRAUN ROAD WB
FC6A	R/L FC6 WB	ACCESS FC6
FC6B	R/L FC6 EB	
E5A1	R/L E5A WB	ACCESS E5A
E5A2	R/L E5A EB	
FC7A	R/L FC7 WB	ACCESS FC7
FC7B	R/L FC7 EB	
E5B1	R/L E5B WB	ACCESS E5B
E5B2	R/L E5B EB	

HMA PAVEMENT TYPE	TOTAL PAVEMENT LAYER THICKNESS	LAYERS	NOMINAL MAXIMUM SIZE GRADATION
ASPHALTIC SURFACE TEMPORARY	5"	5" UPPER LAYER	19.0 MM
4 MT 58-28 S 3 MT 58-28 S	5"	2" UPPER LAYER 3" LOWER LAYER	9.5 MM 12.5 MM
ASPHALTIC SURFACE	3"	3" UPPER LAYER	9.5 MM

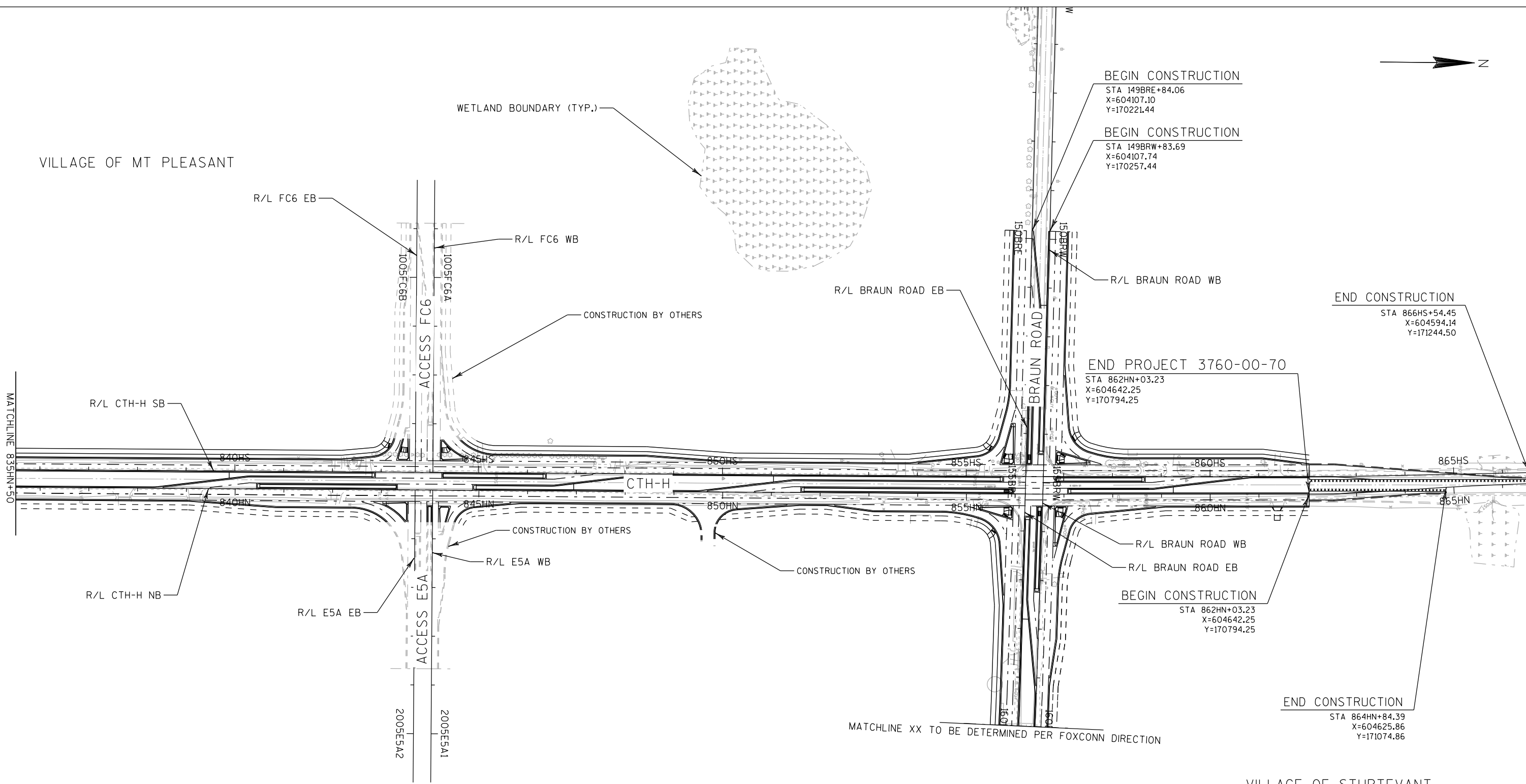






VILLAGE OF MT PLEASANT

VILLAGE OF STURTEVANT



BEGIN CONSTRUCTION

STA 149BRE+84.06
X=604107.10
Y=170221.44

BEGIN CONSTRUCTION

STA 149BRW+83.69
X=604107.74
Y=170257.44

END CONSTRUCTION

STA 866HS+54.45
X=604594.14
Y=171244.50

END PROJECT 3760-00-70

STA 862HN+03.23
X=604642.25
Y=170794.25

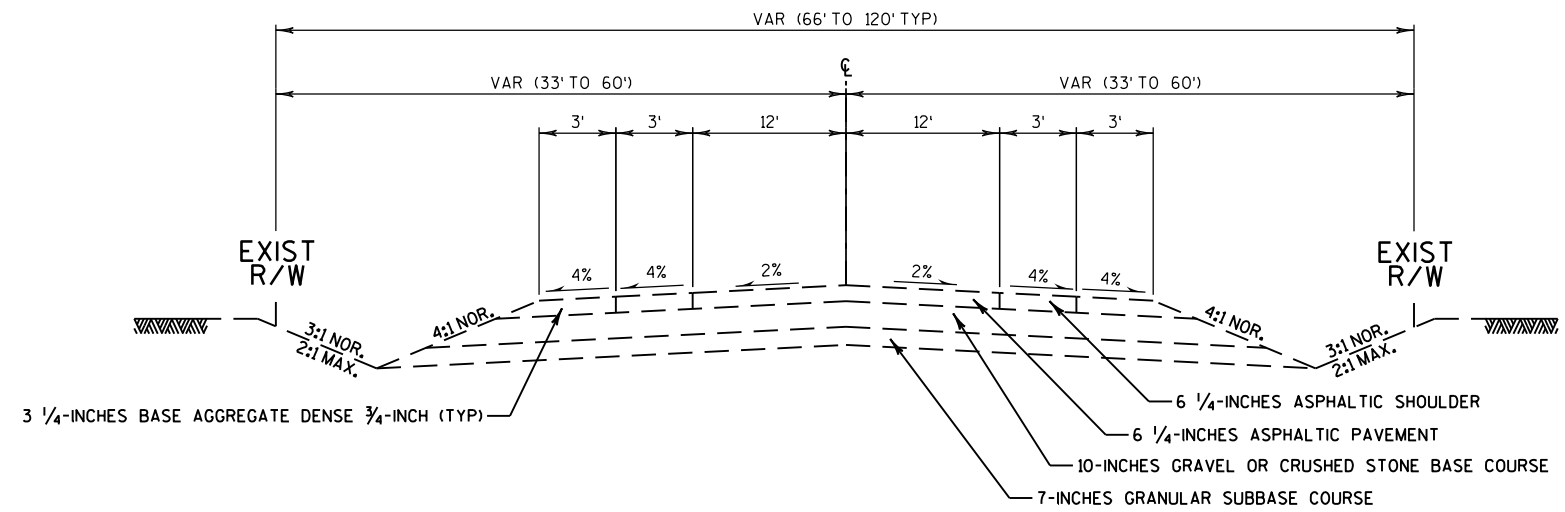
BEGIN CONSTRUCTION

STA 862HN+03.23
X=604642.25
Y=170794.25

END CONSTRUCTION

STA 864HN+84.39
X=604625.86
Y=171074.86

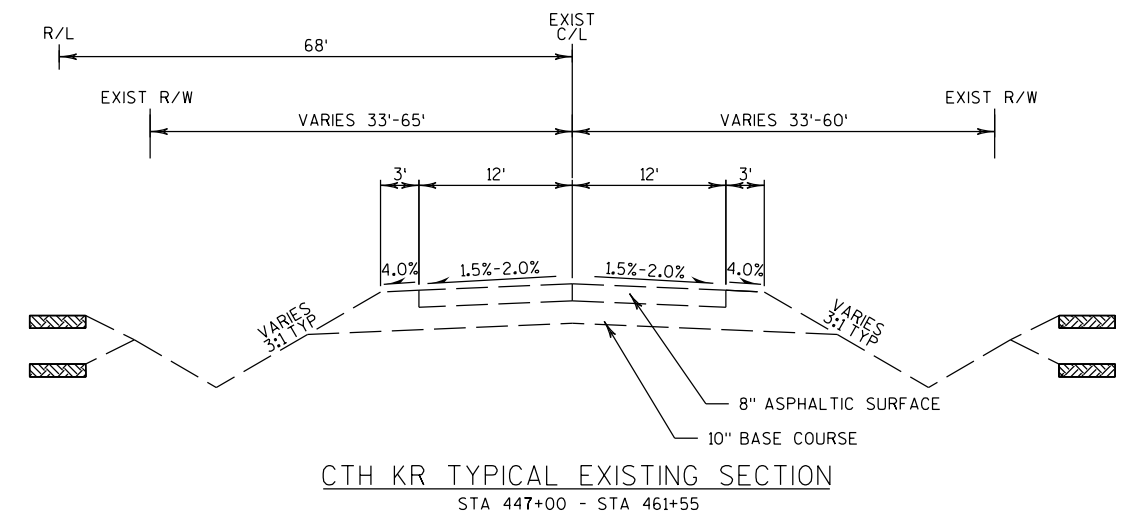
MATCHLINE XX TO BE DETERMINED PER FOXCONN DIRECTION



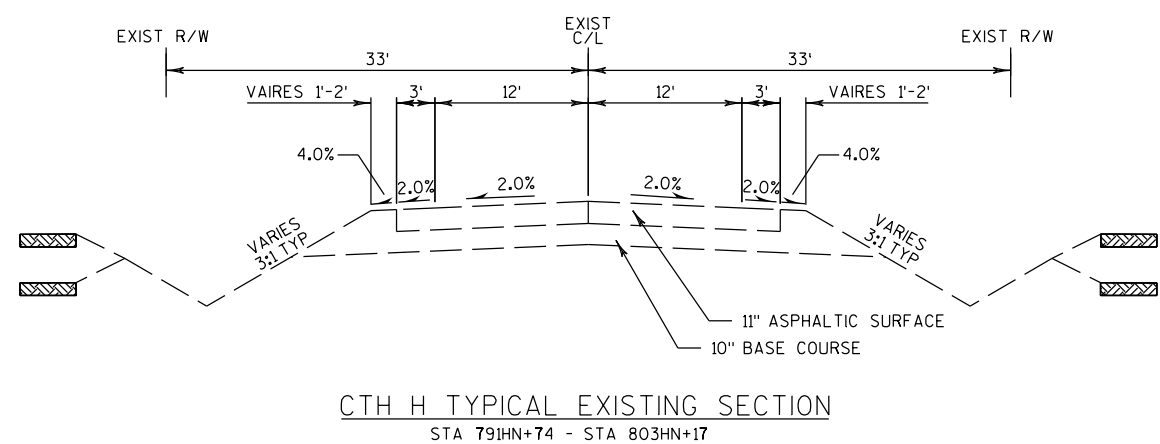
TYPICAL EXISTING SECTION

CTH-H

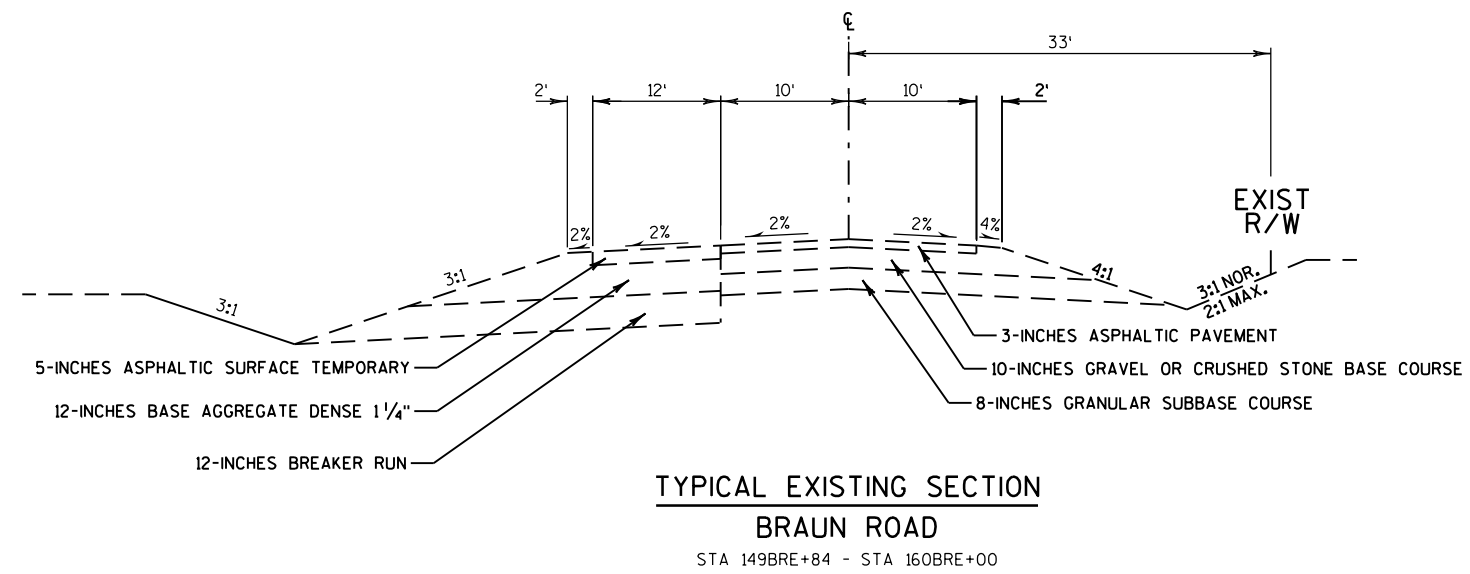
STA 805HN+07 TO STA 862HN+03

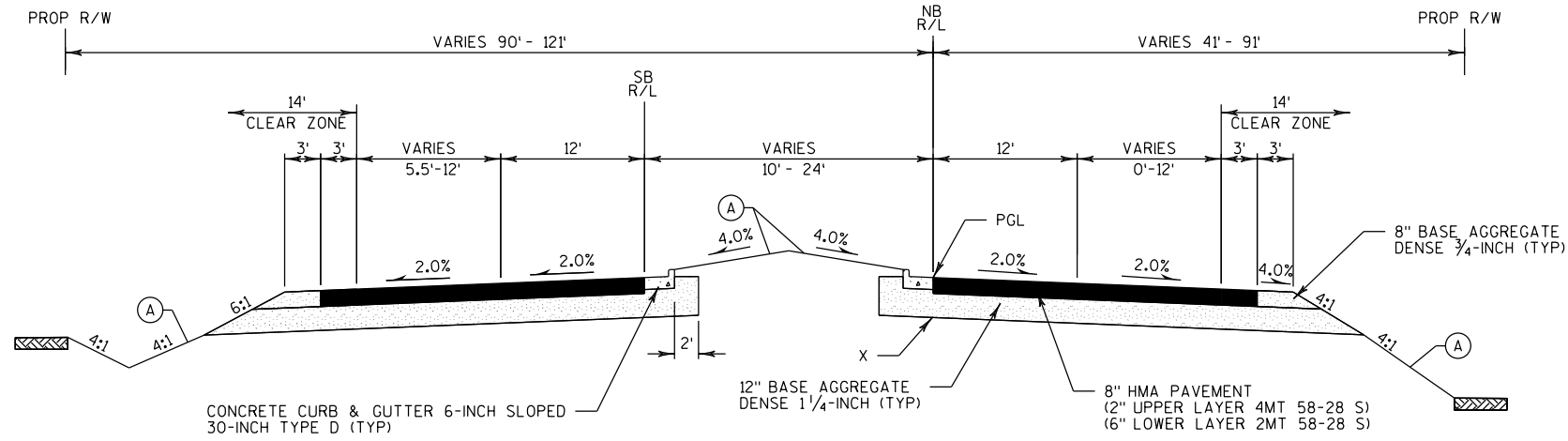


CTH KR TYPICAL EXISTING SECTION
STA 447+00 - STA 461+55

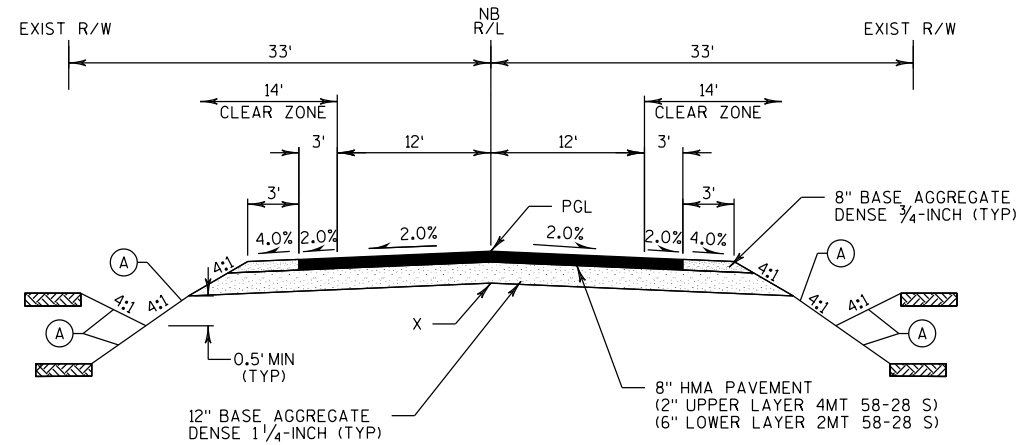


CTH H TYPICAL EXISTING SECTION
STA 791HN+74 - STA 803HN+17



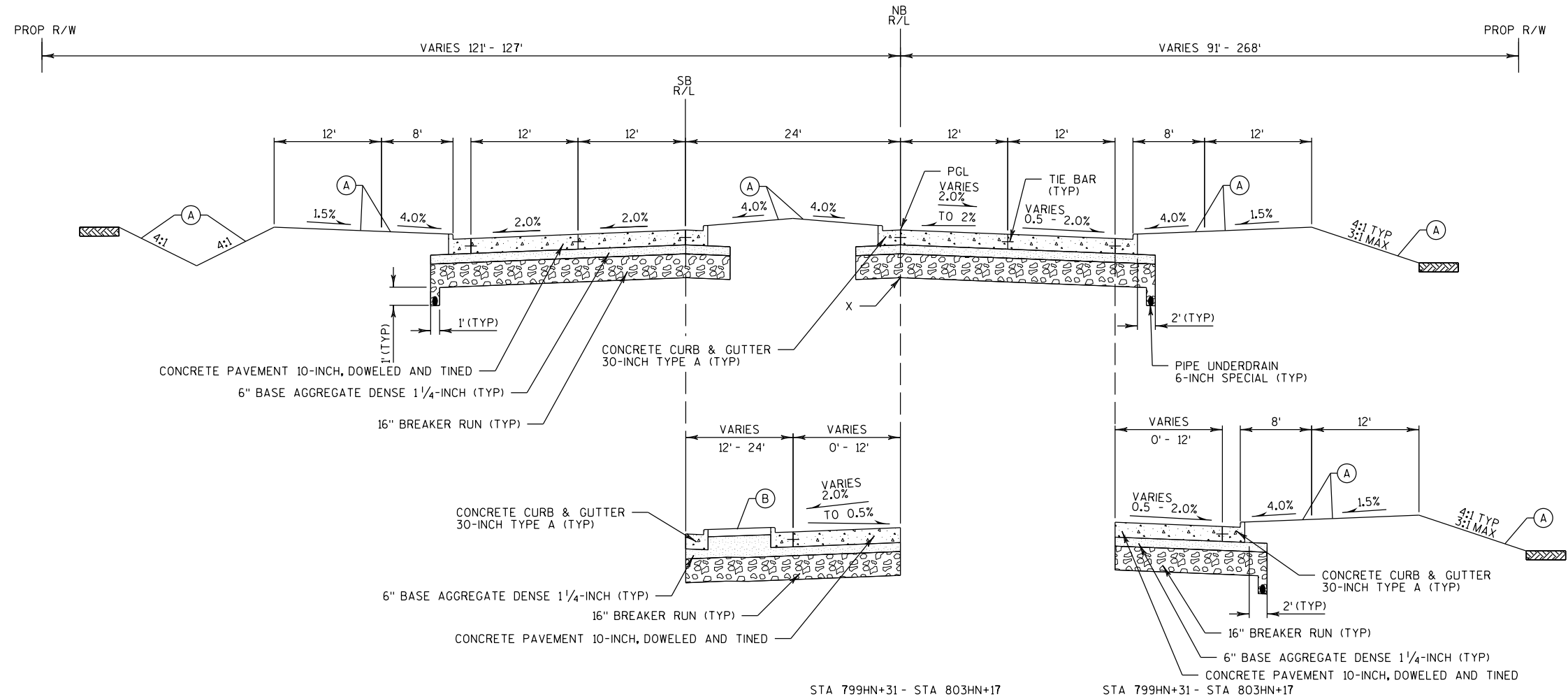


CTH H TYPICAL PROPOSED SECTION
 STA 794HN+53 - STA 798HN+81



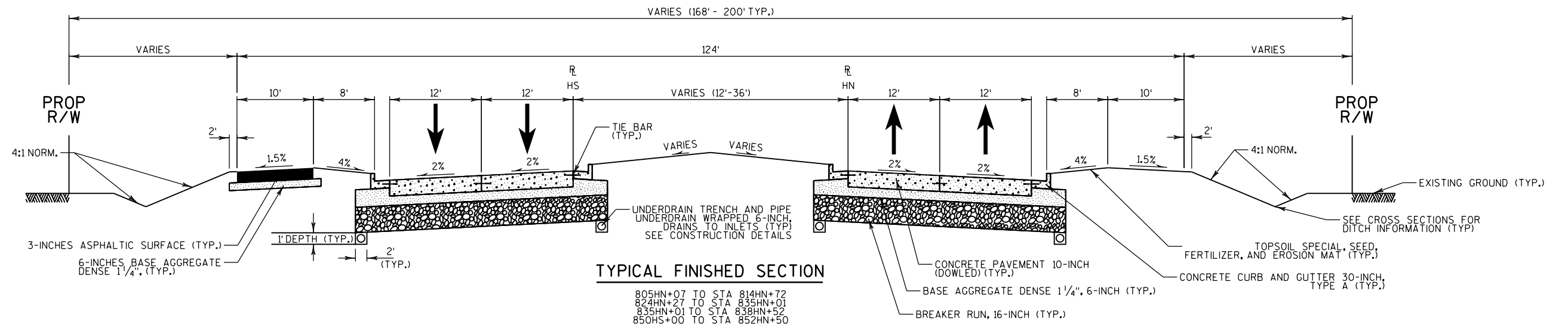
CTH H TYPICAL PROPOSED SECTION
 STA 791HN+74 - STA 794HN+53

- (A) TOPSOIL SPECIAL, FERTILIZER, SEED AND EROSION MAT
- (B) CONCRETE SIDEWALK 5-INCH
- X = POINT REFERENCED ON CROSS SECTIONS
- PGL = POINT REFERRED TO ON PROFILE

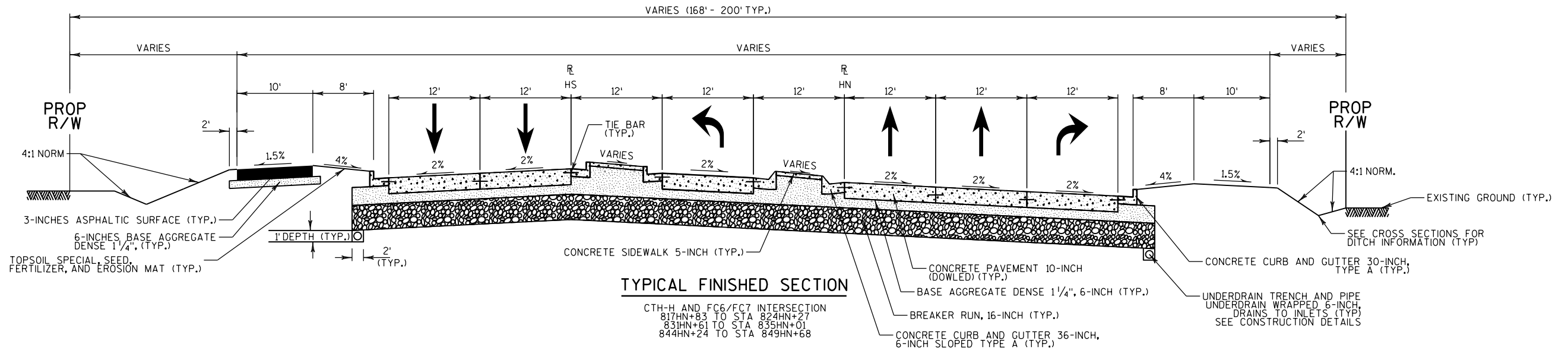
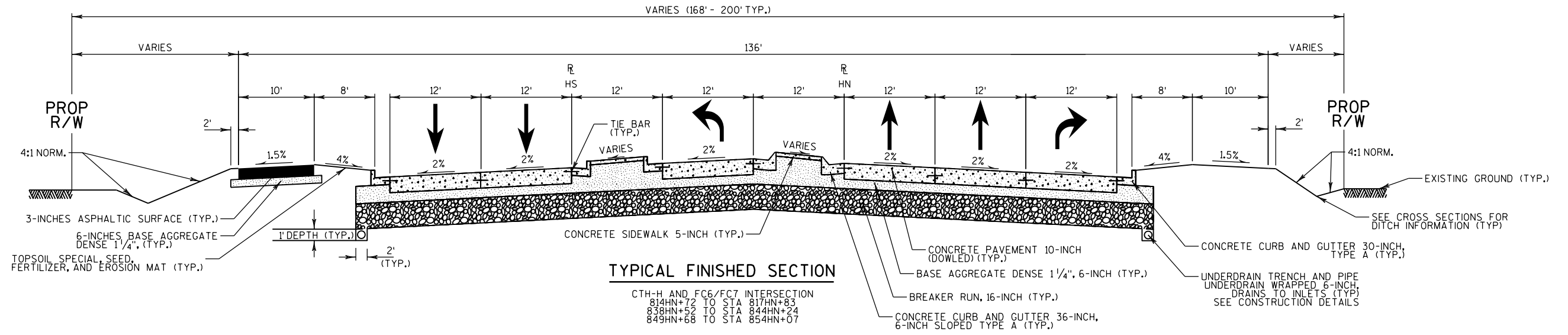


CTH H TYPICAL PROPOSED SECTION
 STA 798HN+81 - STA 803HN+17

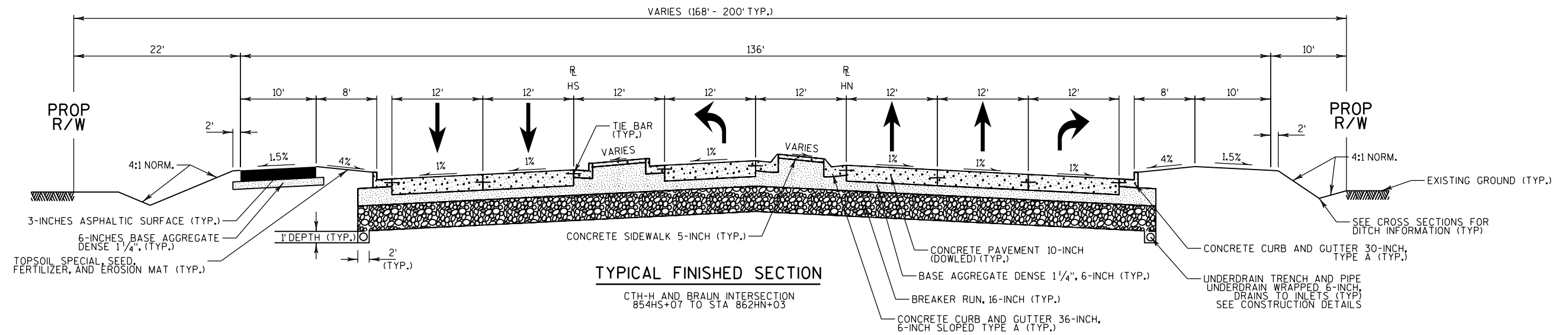
- (A) TOPSOIL SPECIAL, FERTILIZER, SEED AND EROSION MAT
- (B) CONCRETE SIDEWALK 5-INCH
- X = POINT REFERENCED ON CROSS SECTIONS
- PGL = POINT REFERRED TO ON PROFILE



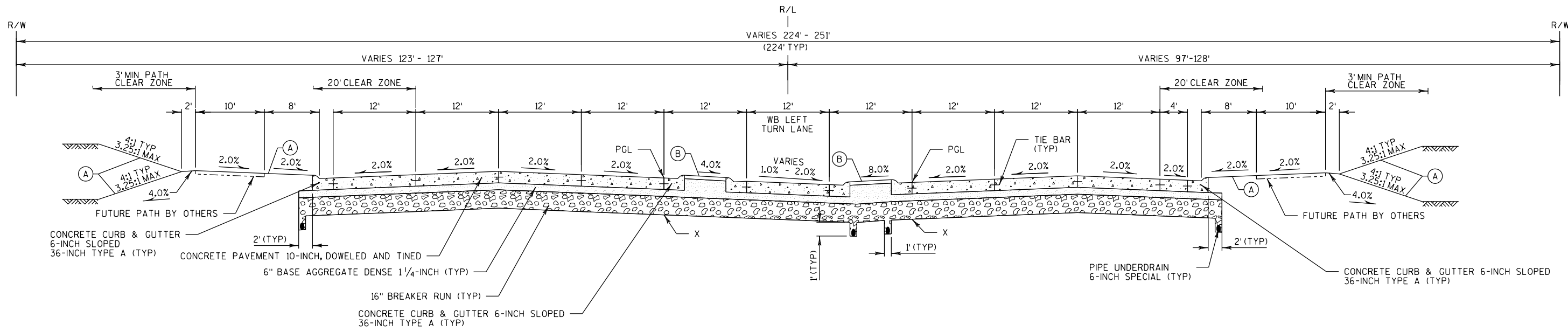
NOTE: SLOPES SHOWN ARE NORMAL.
SEE CROSS SECTIONS FOR SLOPE INFORMATION



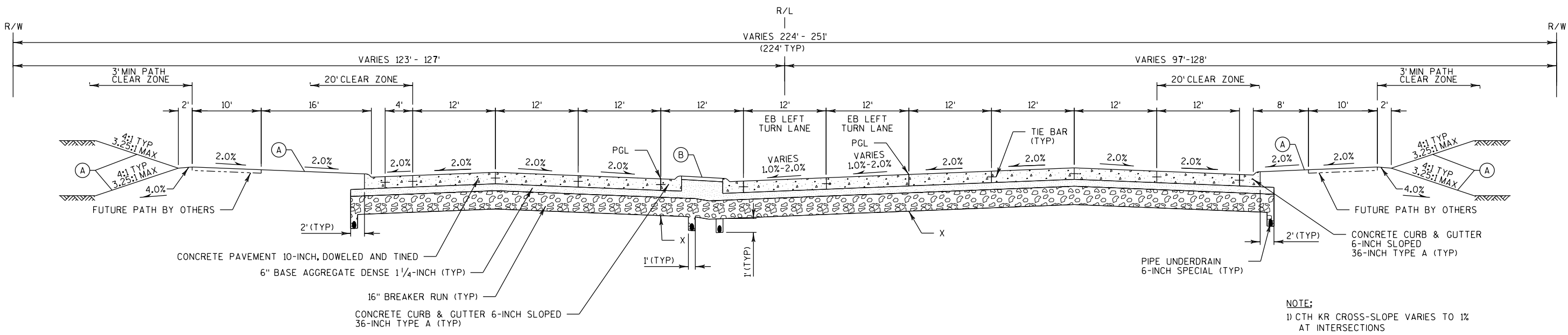
NOTE: SLOPES SHOWN ARE NORMAL,
 SEE CROSS SECTIONS FOR SLOPE INFORMATION



NOTE: SLOPES SHOWN ARE NORMAL, SEE CROSS SECTIONS FOR SLOPE INFORMATION

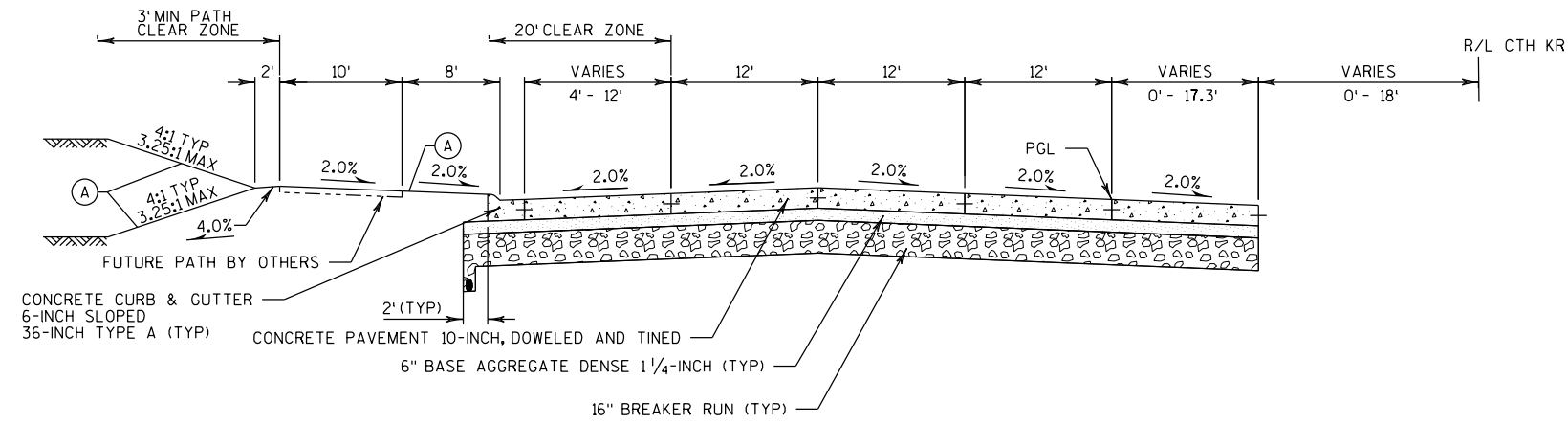


CTH KR TYPICAL PROPOSED SECTION
 STA 451+63 - STA 455+00



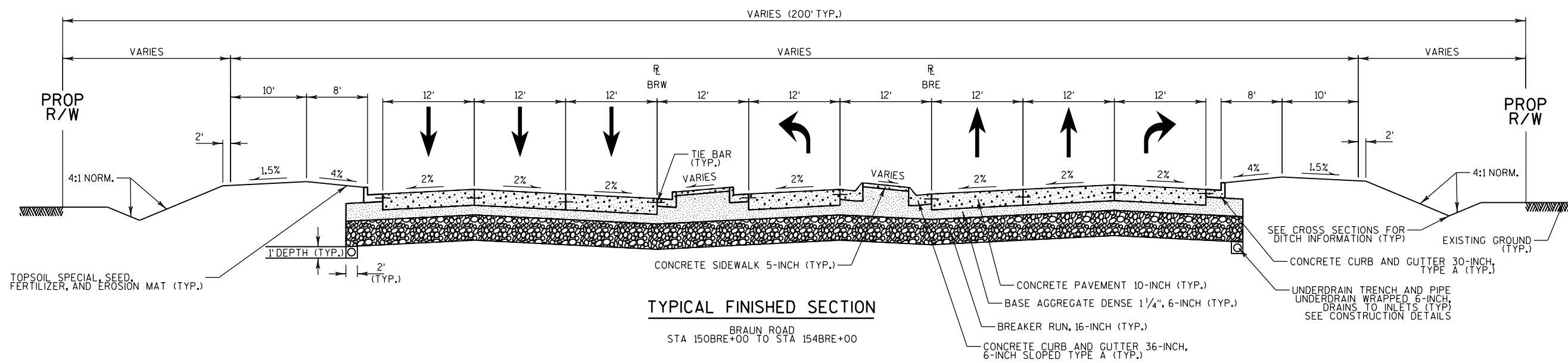
CTH KR TYPICAL PROPOSED SECTION
 STA 447+00 - STA 450+11

- NOTE:**
- 1) CTH KR CROSS-SLOPE VARIES TO 1% AT INTERSECTIONS
 - 2) REFER TO PAVING GRADES FOR CROSS SLOPE TRANSITION LOCATIONS THROUGH INTERSECTIONS.
 - 3) USE 4" BASE AGGREGATE DENSE 1 1/4-INCH BENEATH CONCRETE SIDEWALK 5-INCH AT CURB RAMP LOCATIONS.
- (A) TOPSOIL SPECIAL, FERTILIZER, SEED AND EROSION MAT
 - (B) CONCRETE SIDEWALK 5-INCH
- X = POINT REFERENCED ON CROSS SECTIONS
 PGL = POINT REFERRED TO ON PROFILE



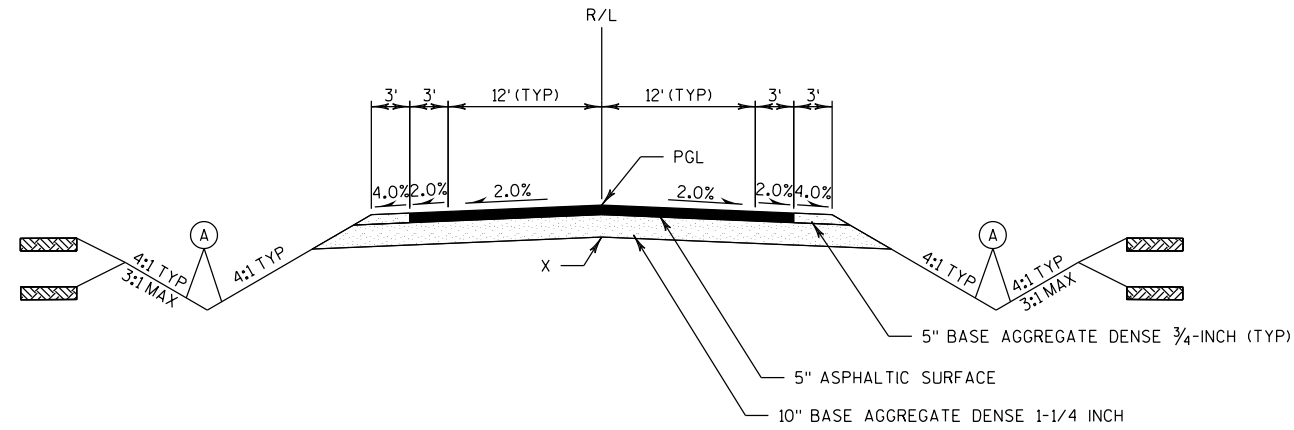
CTH KR TYPICAL PROPOSED SECTION
 STA 455+00 - STA 457+16

- NOTE:**
- 1) CTH KR CROSS-SLOPE VARIES TO 1% AT INTERSECTIONS
 - 2) REFER TO PAVING GRADES FOR CROSS SLOPE TRANSITION LOCATIONS THROUGH INTERSECTIONS.
 - 3) USE 4" BASE AGGREGATE DENSE 1 1/4-INCH BENEATH CONCRETE SIDEWALK 5-INCH AT CURB RAMP LOCATIONS.
 - (A) TOPSOIL SPECIAL, FERTILIZER, SEED AND EROSION MAT
 - (B) CONCRETE SIDEWALK 5-INCH
 - X = POINT REFERENCED ON CROSS SECTIONS
 - PGL = POINT REFERRED TO ON PROFILE

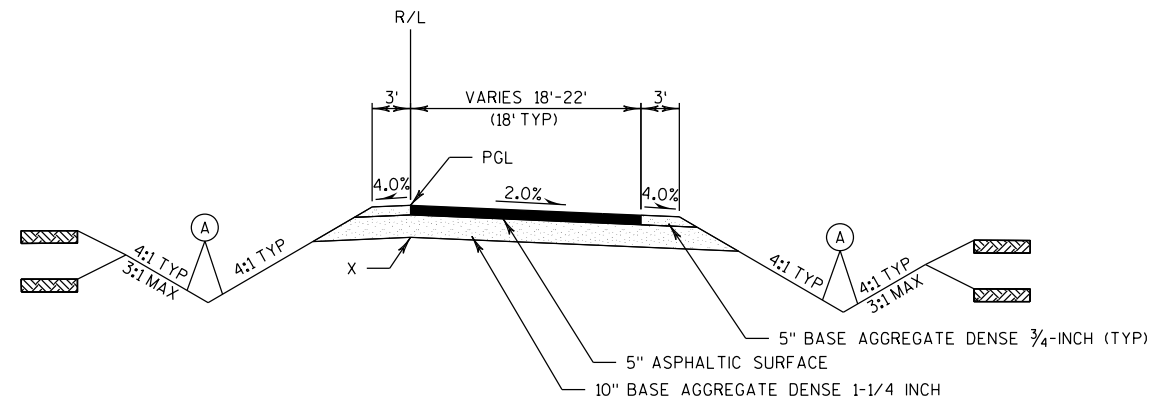


NOTE: SLOPES SHOWN ARE NORMAL, SEE CROSS SECTIONS FOR SLOPE INFORMATION

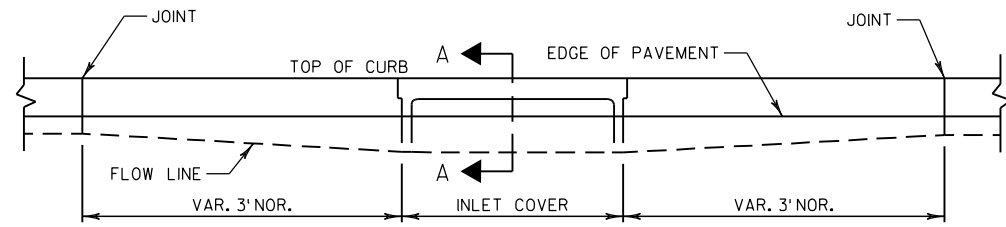
Ⓐ TOPSOIL SPECIAL, FERTILIZER, SEED AND EROSION MAT
 X = POINT REFERENCED ON CROSS SECTIONS
 PGL = POINT REFERRED TO ON PROFILE



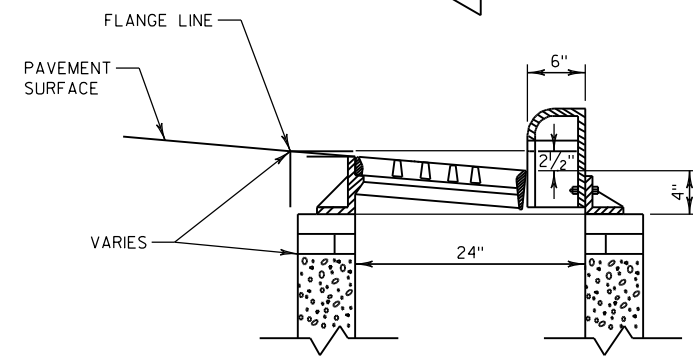
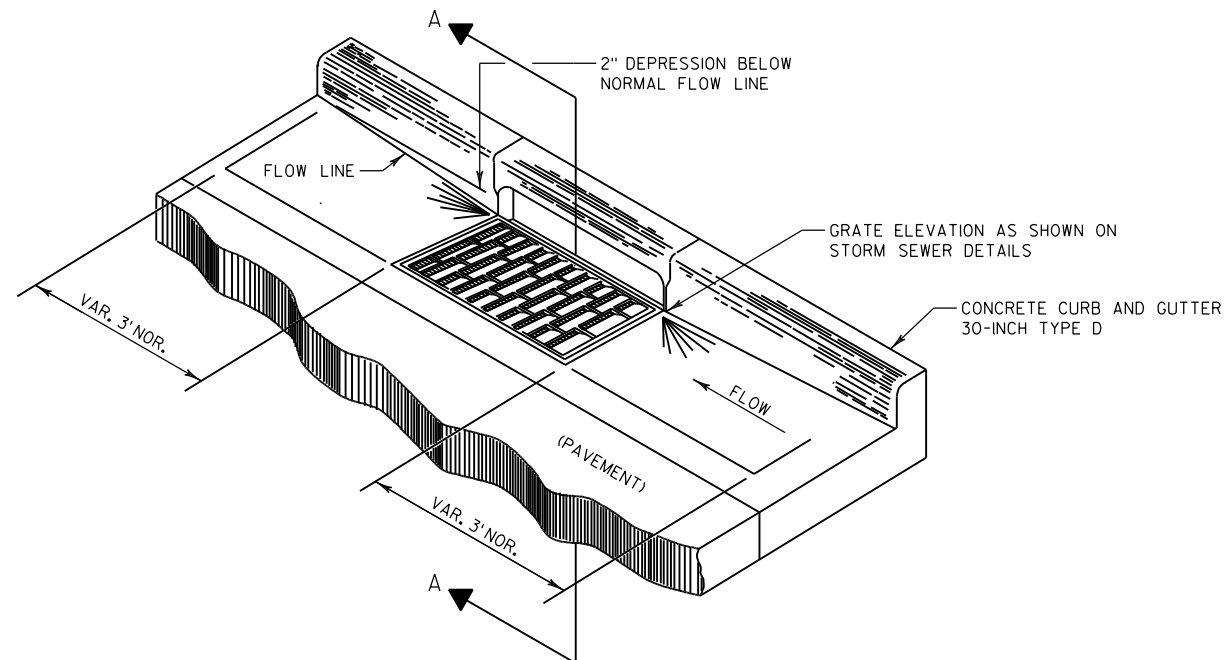
CTH KR TYPICAL PROPOSED SECTION - TEMPORARY 2-LANE SECTION (WB)
 STA 155+97 - STA 161+63



CTH KR TYPICAL PROPOSED SECTION - TEMPORARY 1-LANE SECTION (EB)
 STA 55+00 - STA 60+83



ELEVATION



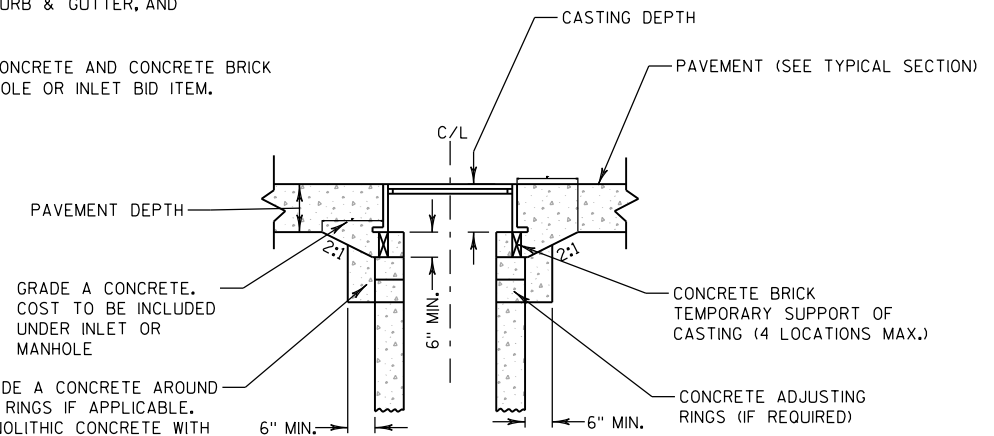
SECTION A-A

DETAIL OF CURB AND GUTTER AT INLETS

NOTE

1) MONOLITHIC CONCRETE SHIMMING TO BE PROVIDED FOR ALL PROPOSED COVERS LOCATED IN CONCRETE PAVEMENT, CONCRETE CURB & GUTTER, AND CONCRETE BARRIER.

2) COST OF GRADE A CONCRETE AND CONCRETE BRICK IS INCIDENTAL TO MANHOLE OR INLET BID ITEM.



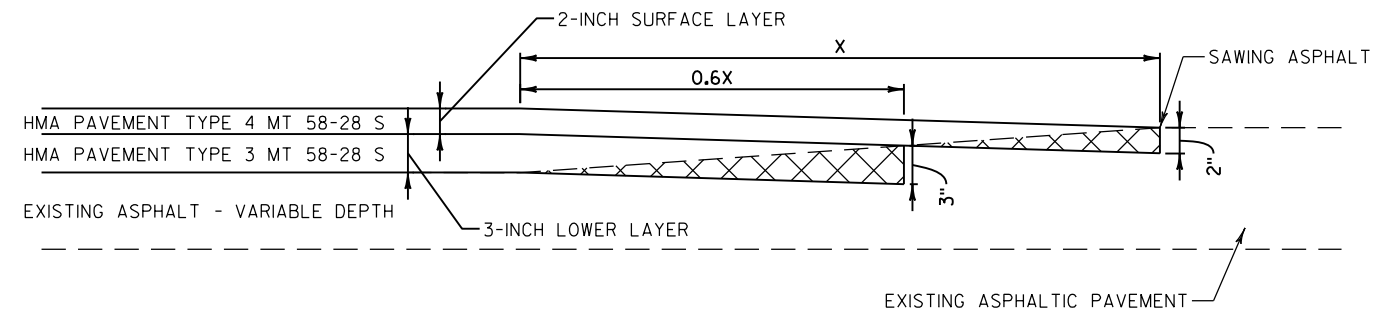
MONOLITHIC CONCRETE SHIMMING DETAIL

NOTES

CONTRACTOR TO PROVIDE A 10' WIDE TEMPORARY ASPHALTIC WEDGE ADJACENT TO MILLED BUTT JOINT AT ALL STREETS WHERE TRAFFIC IS TO BE MAINTAINED DURING CONSTRUCTION.

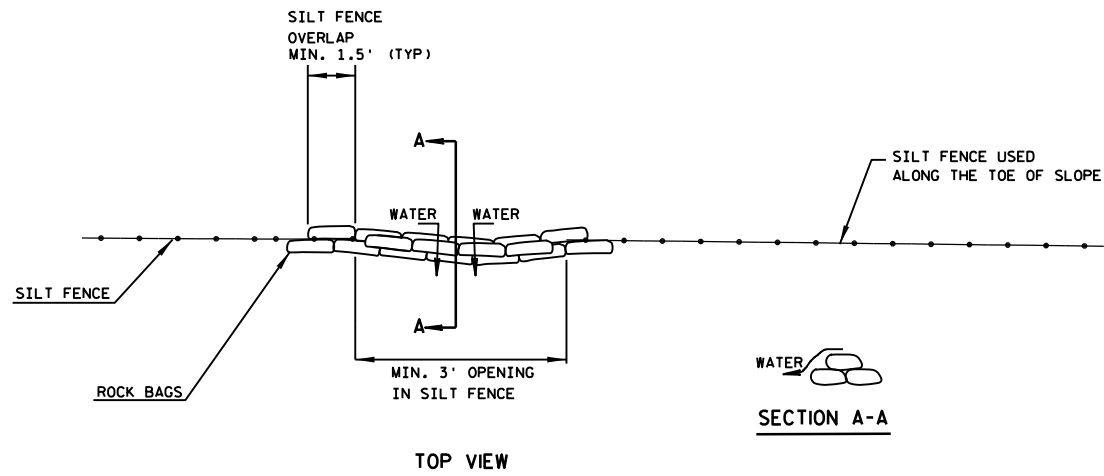
THE TEMPORARY ASPHALTIC WEDGE WILL BE CONSIDERED INCIDENTAL TO THE ITEM "REMOVING ASPHALTIC SURFACE, BUTT JOINTS."

X	STATION RANGE
50	xx
25	xx

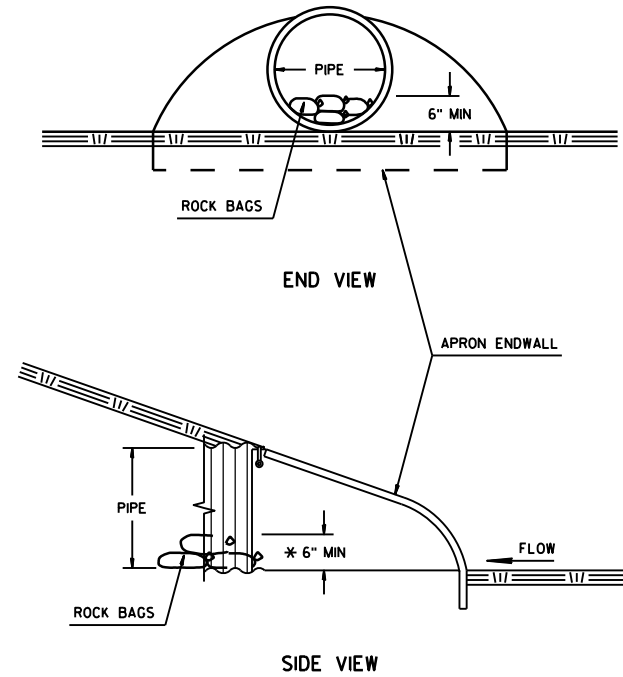


REMOVING PAVEMENT BUTT JOINT

BUTT JOINT DETAIL



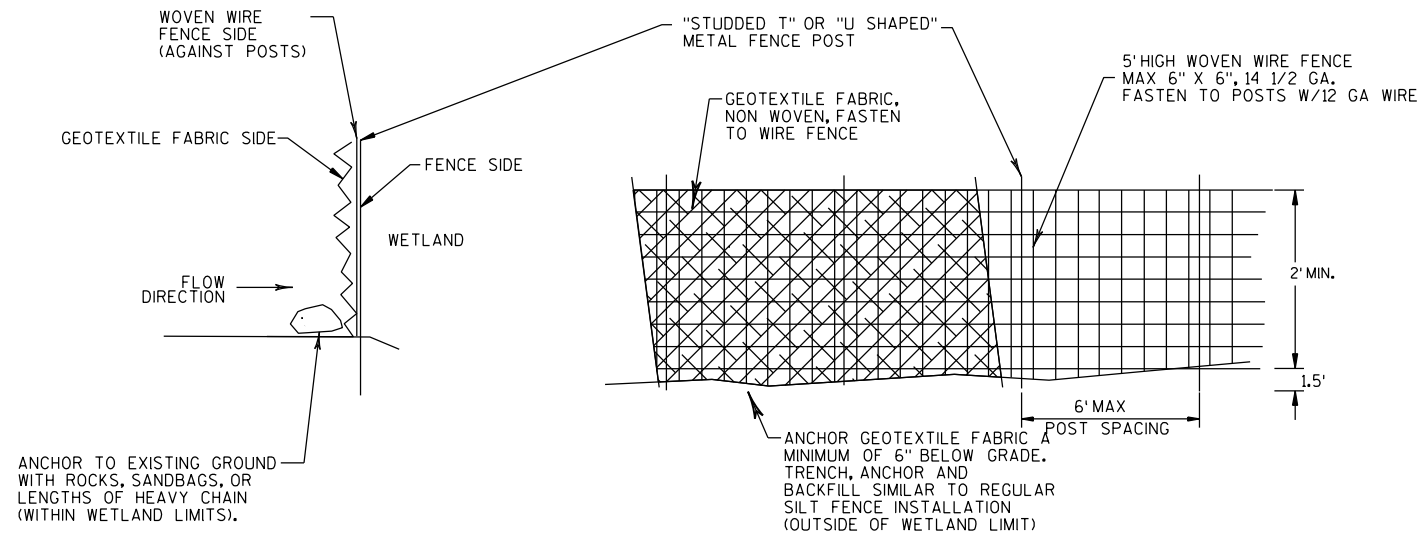
ROCK BAGS USED FOR SILT FENCE RELIEF DETAIL



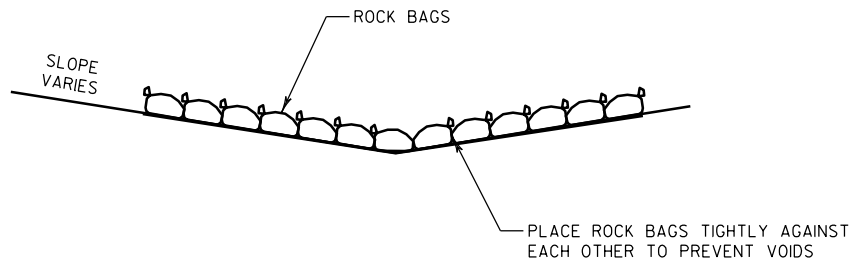
CULVERT PIPE ENDS

ROCK BAGS

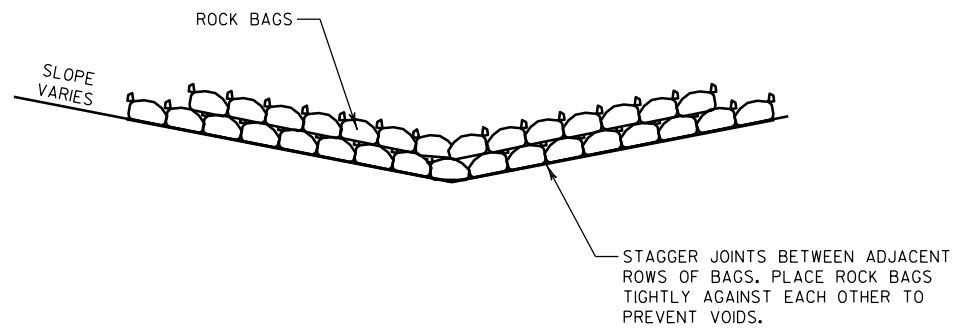
ESTIMATED BAG SIZE = 18" X 12" X 6"	
PIPE SIZE	ESTIMATED NUMBER OF BAGS
12"	1
15"	2
18"	2
24"	3
30"	5
36"	7
42"	7
48"	10
54"	10
60"	13
66"	14
72"	16
13"X17"	2
19"X30"	5
24"X38"	7
29"X45"	10
34"X53"	10
38"X60"	13
48"X76"	18



HEAVY DUTY SILT FENCE



SIDE VIEW (SINGLE LAYER)



SIDE VIEW (DOUBLE LAYER)

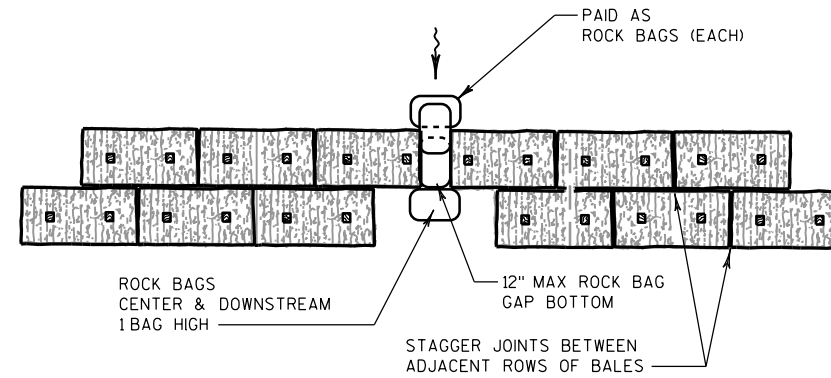
* LENGTH AND NUMBER OF BAGS MAY VARY DEPENDING ON DESIRED DEPTH OF WATER POOL.

TEMPORARY DITCH CHECK, ROCK BAGS, SINGLE LAYER AND DOUBLE LAYER

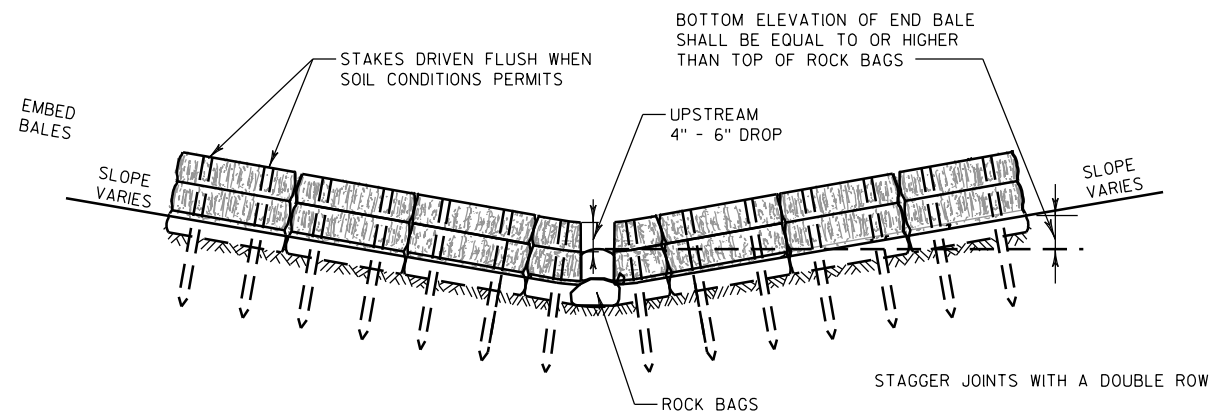
NOTE

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

THIS INSTALLATION METHOD SHALL ONLY BE USED AT THE DIRECTION OF THE ENGINEER.



PLAN VIEW



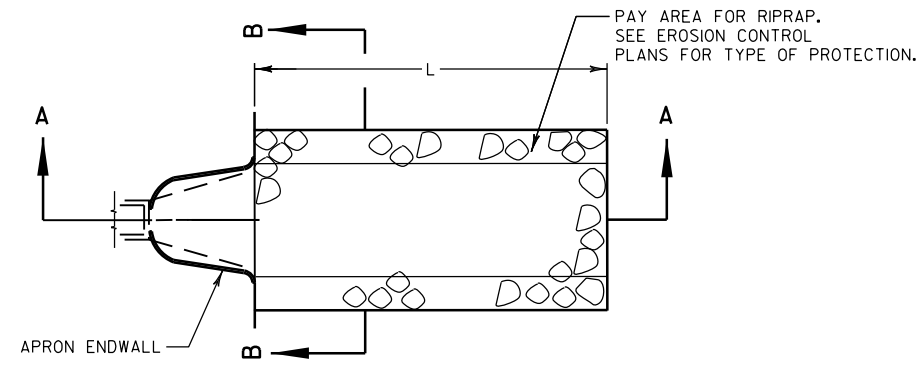
FRONT VIEW

NOTE

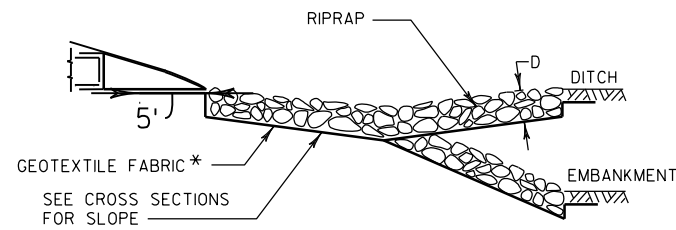
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

THIS INSTALLATION METHOD SHALL ONLY BE USED AT THE DIRECTION OF THE ENGINEER.

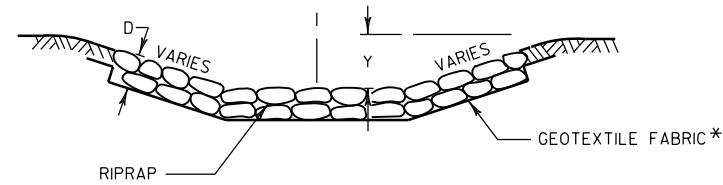
TEMPORARY DITCH CHECK, MODIFIED



PLAN VIEW



SECTION A-A



SECTION B-B

**RIPRAP AND GEOTEXTILE FABRIC DETAIL
AT APRON ENDWALLS**

SEE EROSION CONTROL PLAN FOR LOCATIONS

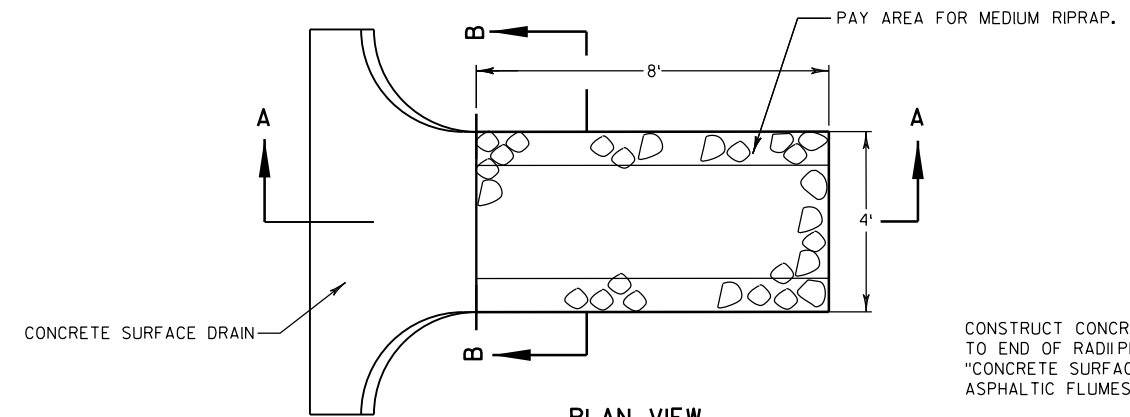
L = 3 x W (NOR) OR 10' MIN
OR AS INDICATED IN THE PLANS
OR AS DIRECTED BY THE ENGINEER

D = 12" FOR RIPRAP LIGHT
18" FOR RIPRAP MEDIUM
24" FOR RIPRAP HEAVY

X = W+2' FOR TYPICAL CULVERT
DISCHARGE INTO DITCH
W+5' FOR CULVERT DISCHARGE
DOWN EMBANKMENT SLOPE

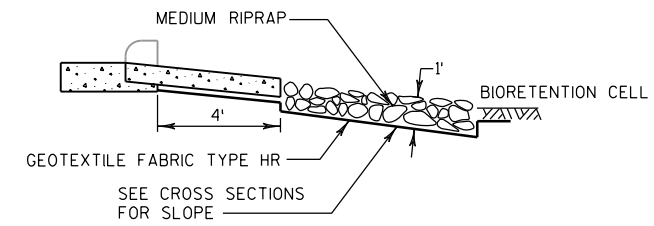
Y = 0' FOR TYPICAL CULVERT
DISCHARGE INTO DITCH
12" FOR CULVERT DISCHARGE
DOWN EMBANKMENT SLOPE

* TYPE R (FOR RIPRAP LIGHT ONLY)
TYPE HR (FOR RIPRAP HEAVY AND MEDIUM ONLY)

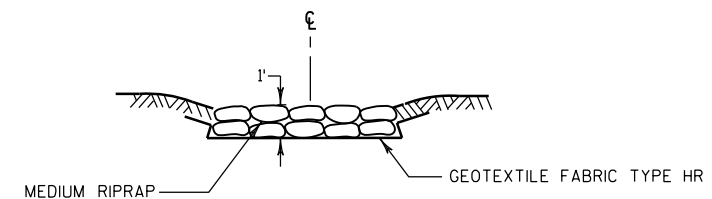


PLAN VIEW

CONSTRUCT CONCRETE SURFACE DRAIN
TO END OF RIPRAP SDD 8D4
"CONCRETE SURFACE DRAINS AND
ASPHALTIC FLUMES".



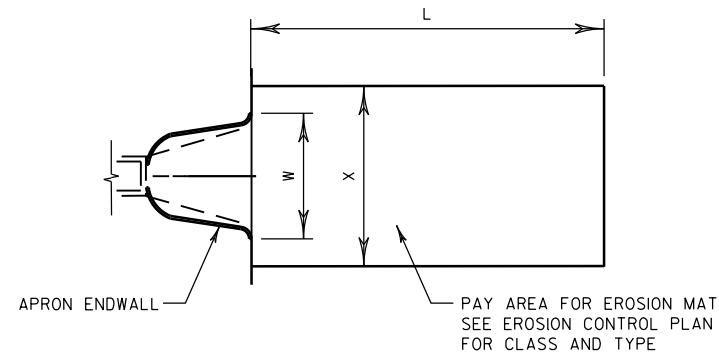
SECTION A-A



SECTION B-B

**RIPRAP AND GEOTEXTILE FABRIC DETAIL
AT CONCRETE SURFACE DRAIN**

SEE PLAN DETAILS FOR LOCATIONS



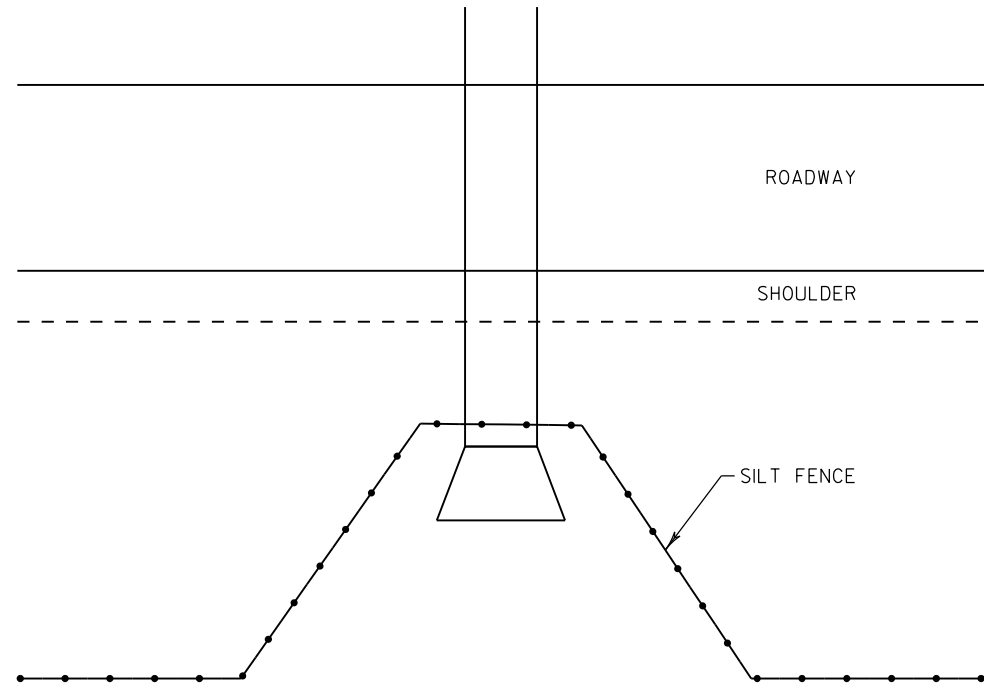
W = WIDTH OF APRON ENDWALL

L = 3 x W (NORMAL) OR 10' (MINIMUM) OR AS INDICATED IN THE PLANS OR AS DIRECTED BY THE ENGINEER.

X = W+2' FOR TYPICAL CULVERT DISCHARGE INTO DITCH
W+5' FOR CULVERT DISCHARGE DOWN EMBANKMENT SLOPE

EROSION MAT TREATMENT AT CULVERTS

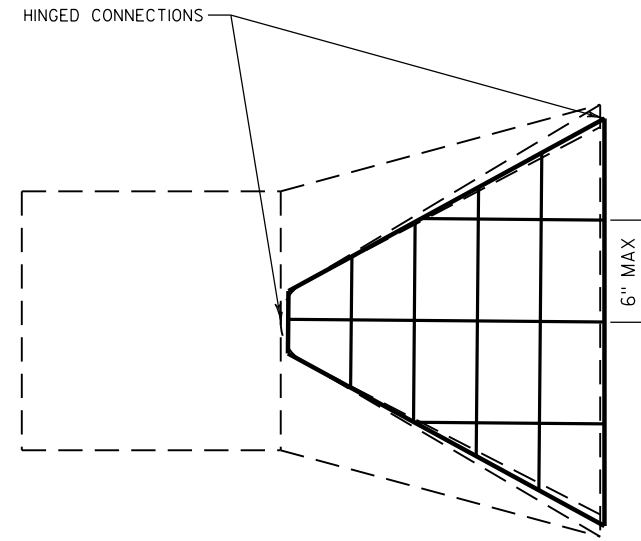
SEE EROSION CONTROL PLAN FOR LOCATIONS



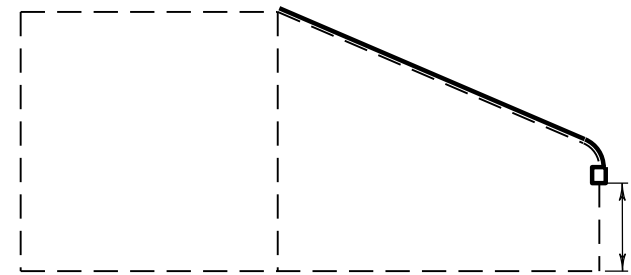
NOTE

SEE SILT FENCE SDD FOR ADDITIONAL INFORMATION.

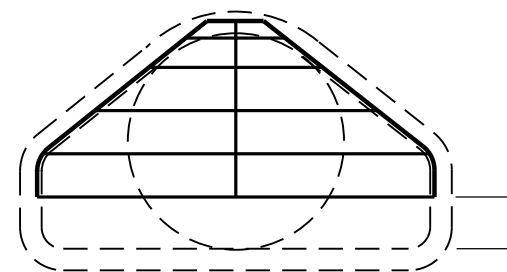
TYPICAL SILT FENCE DETAIL AT PIPE INLET



PLAN VIEW



SIDE VIEW



END VIEW

PIPE GRATE

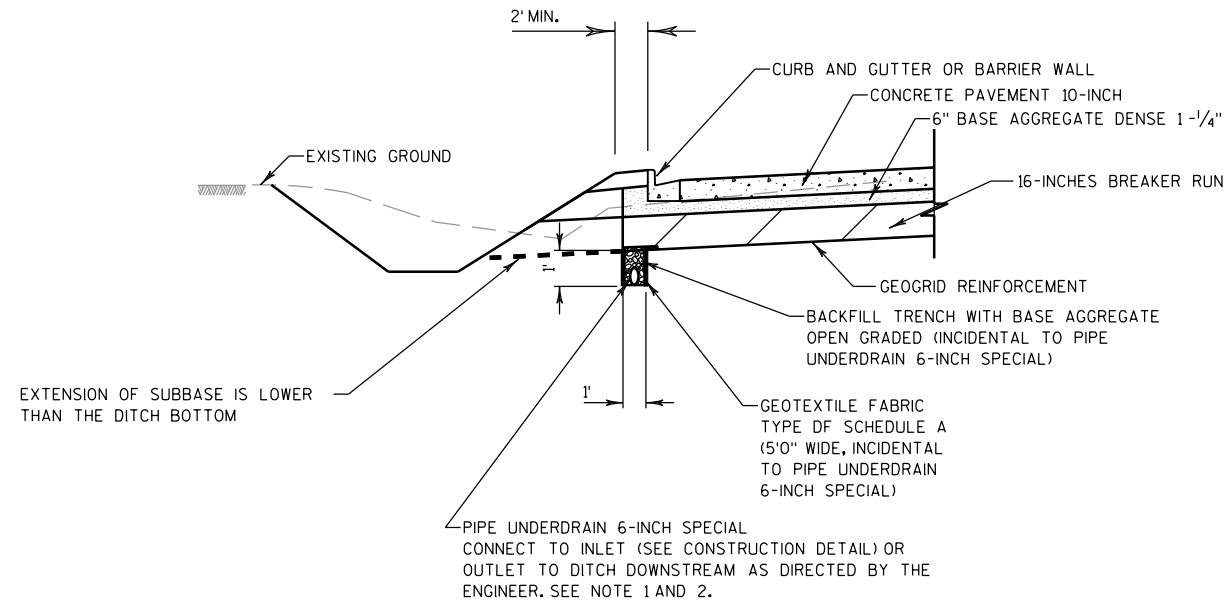
GRATE CLEARANCE HEIGHT

ROUND PIPE		ARCH PIPE	
PIPE SIZE	H	PIPE SIZE	H
12"	2 1/2"	22" - 29"	4"
15"	3"	36" - 44"	5"
18" - 24"	4"	51" - 65"	6"
27" - 36"	5"	73" - 85"	7"
42" - 54"	6"		
60" - 72"	7"		
78" - 90"	8"		

GRATE BAR SIZES (STANDARD DESIGN)

	PIPE SIZE	HOLE DIAMETER REQUIRED	BOLT DIAMETER	BAR SIZE
ROUND PIPE	12" - 24"	3/4"	5/8"	5/8"
	27" - 48"	7/8"	3/4"	3/4"
	54" - 90"	1 1/8"	1"	1"
ARCH PIPE	22" - 29"	3/4"	5/8"	5/8"
	36" - 59"	7/8"	3/4"	3/4"
	65" - 85"	1 1/8"	1"	1"

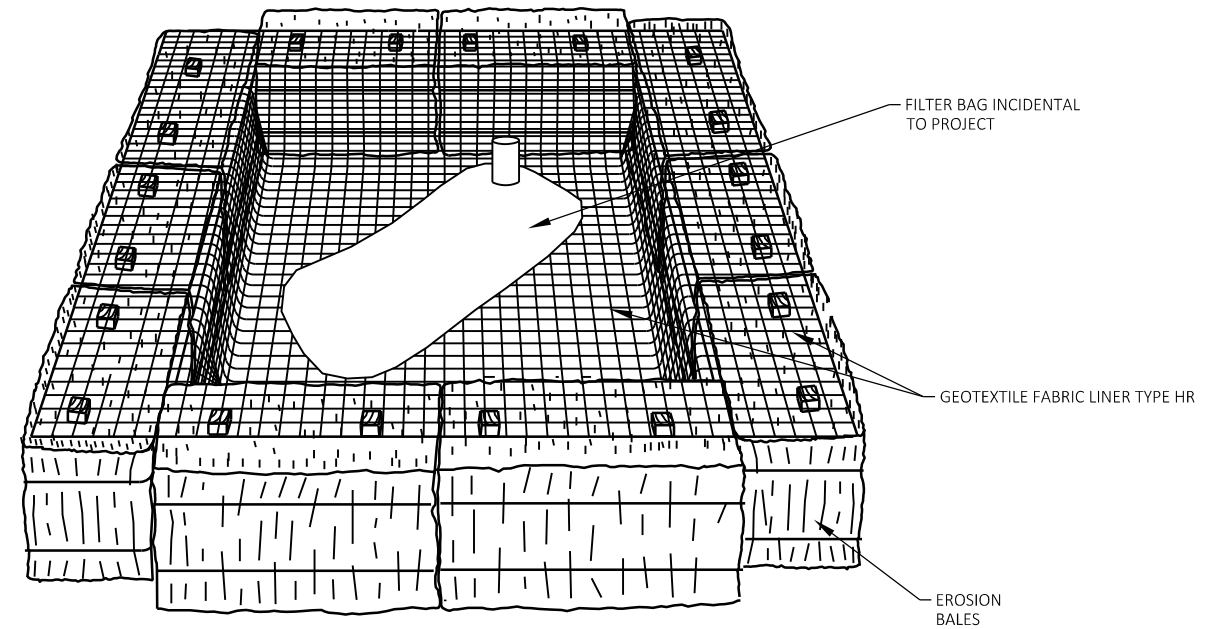
BOLT LENGTH = PIPE WALL THICKNESS + 2 1/2"



PIPE UNDERDRAIN IN URBAN SECTIONS

NOTES:

1. PIPE UNDERDRAIN UNPERFORATED REQUIRED AT LOCATIONS WHERE UNDERDRAIN IS REQUIRED TO CONNECT TO DITCHES OUTSIDE THE EBS AREA.
2. PIPE UNDERDRAIN UNPERFORATED REQUIRED AT LOCATIONS WHERE UNDERDRAIN IS REQUIRED TO OUTFALL IN DITCHES ON THE OPPOSITE SIDE OF THE ROAD (SEE UNDERDRAIN LATERAL CROSSING OUTLET DETAIL)
3. USE APRON ENDWALLS FOR UNDERDRAIN REINFORCED CONCRETE AT ALL DITCH OUTFALLS OF PIPE UNDERDRAIN.
4. ADJUST LATERAL LOCATION OF PIPE UNDERDRAIN AS NECESSARY TO AVOID CONFLICTS WITH THE STORM SEWER.



(SIZE TO BE DETERMINED IN FIELD AS INDICATED BELOW:)

STORAGE VOLUME (C.F.) = 16 X GPM (PUMP RATE)

EXAMPLE:
CONTRACTOR INDICATES PUMP CAPABLE OF 50 GPM
HEIGHT OF BALES = 1.5 FT.

SOLUTION:
SV (C.F.) = 16 X 50
SV = 800 C.F.

$\frac{800 \text{ C.F.}}{1.5 \text{ FT.}} = 533 \text{ S.F.}$

USE A 20 FT. X 27 FT. BASIN

NOTES

- 1) CONTRACTOR SHALL PUMP FROM DEWATERING OPERATIONS INTO TEMPORARY SETTLING BASINS PRIOR TO DISCHARGING INTO ROADSIDE DITCHES.
- 2) BASIN SHALL BE KEPT LESS THAN 10% FULL OF SEDIMENT. GEOTEXTILE FABRIC AND SEDIMENTS SHALL BE DISPOSED BY THE CONTRACTOR OFF OF THE PROJECT SITE.
- 3) TEMPORARY SETTLING BASIN SHALL BE PAID FOR AS EROSION BALES AND GEOTEXTILE FABRIC HR.

TEMPORARY SETTLING BASIN

UNDISTRIBUTED

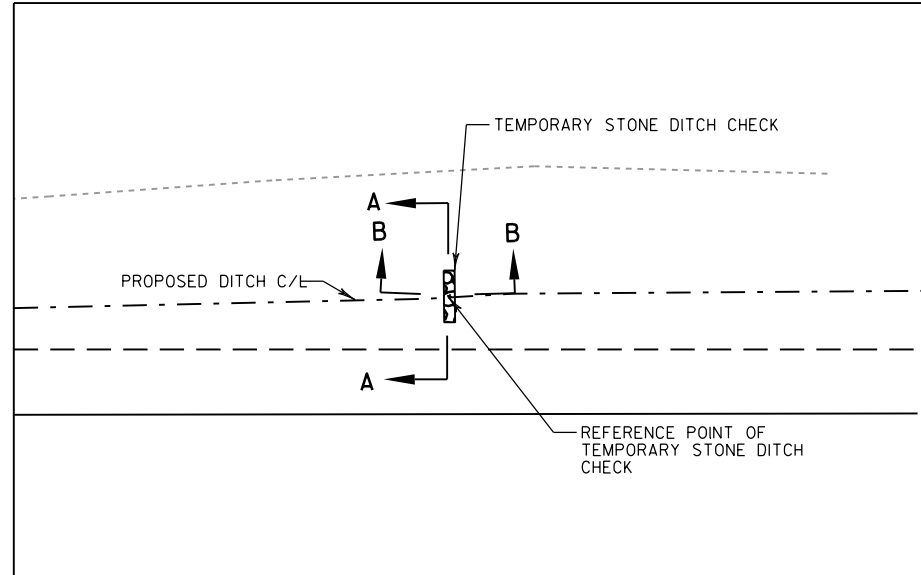
GENERAL NOTES

STONE DITCH CHECKS MUST BE INSTALLED WITH THE CENTER LOWER THAN THE SIDES FORMING A WEIR (SEE SECTION A-A).

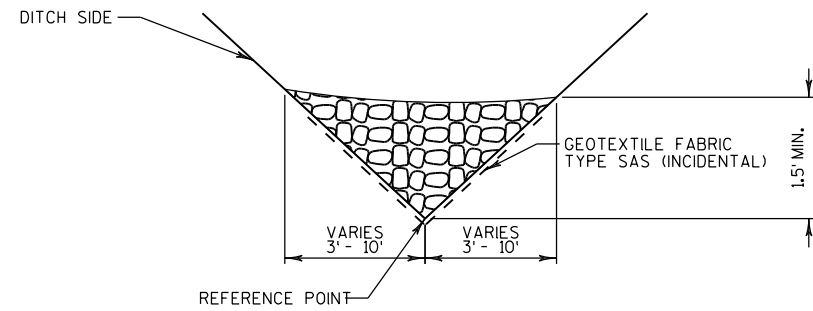
STONE DITCH CHECKS SHALL HAVE A MINIMUM TOP WIDTH OF 2-FT MEASURED IN THE DIRECTION OF FLOW WITH MAXIMUM SLOPES OF 2:1 ON THE UPSLOPE AND 2:1 ON THE DOWN SLOPE SIDE.

STONE DITCH CHECKS SHALL BE CONSTRUCTED OF A WELL-GRADED LIGHT RIPRAP MATERIAL.

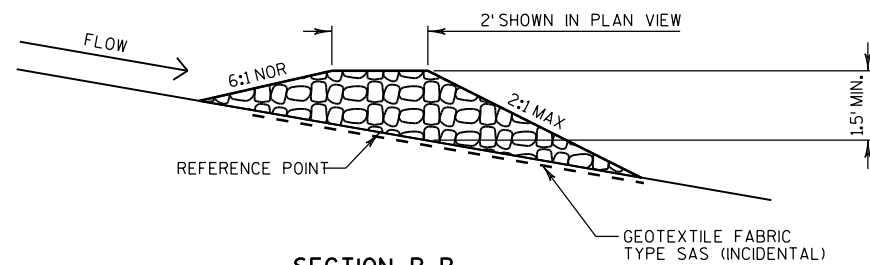
STONE DITCH CHECKS IDENTIFIED IN STORM SEWER PLAN ARE PERMANENT AND SHALL NOT BE REMOVED UPON COMPLETION OF CONSTRUCTION.



PLAN VIEW

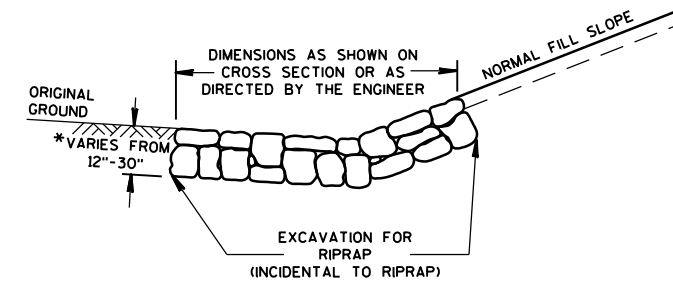


SECTION A-A



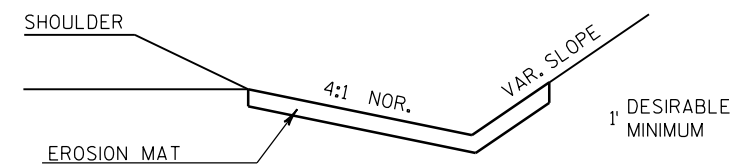
SECTION B-B

TEMPORARY STONE DITCH CHECKS

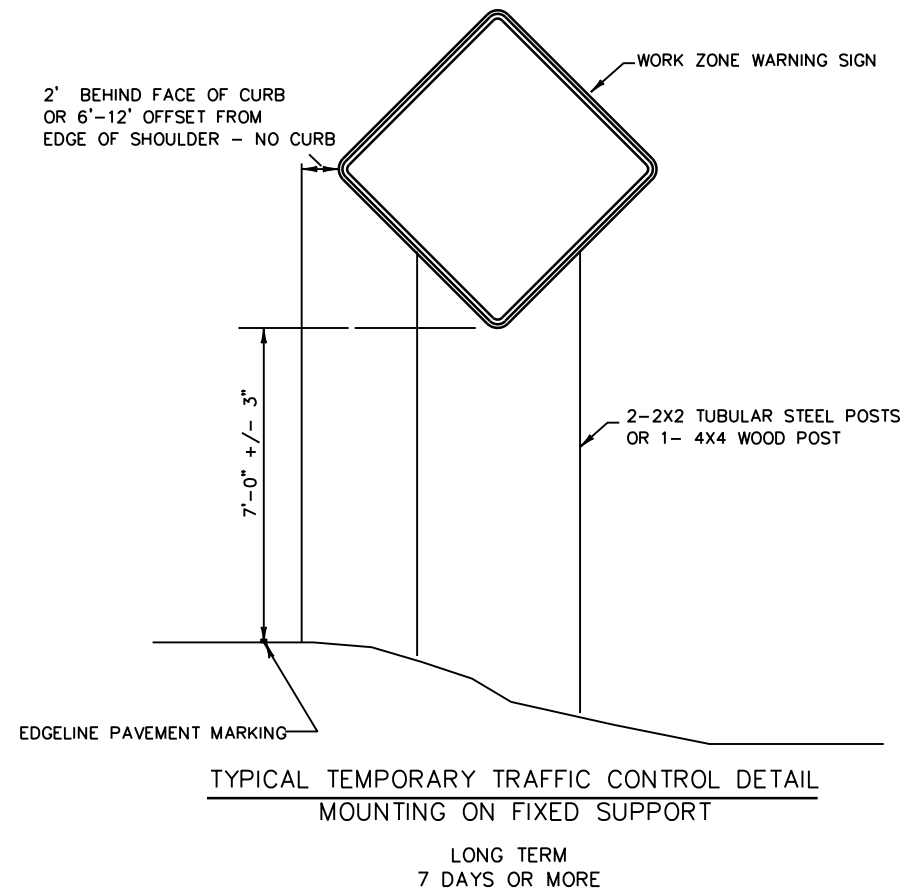
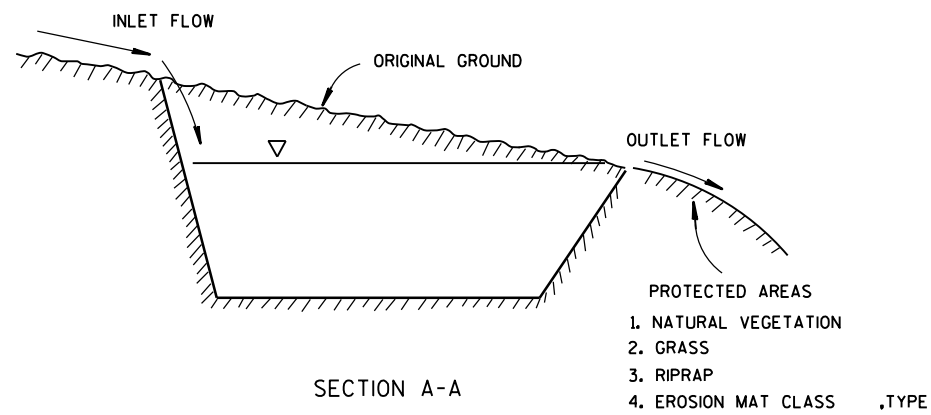
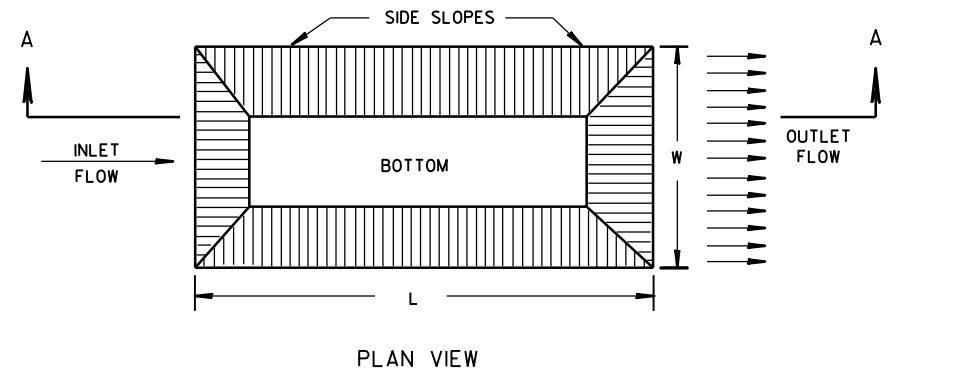


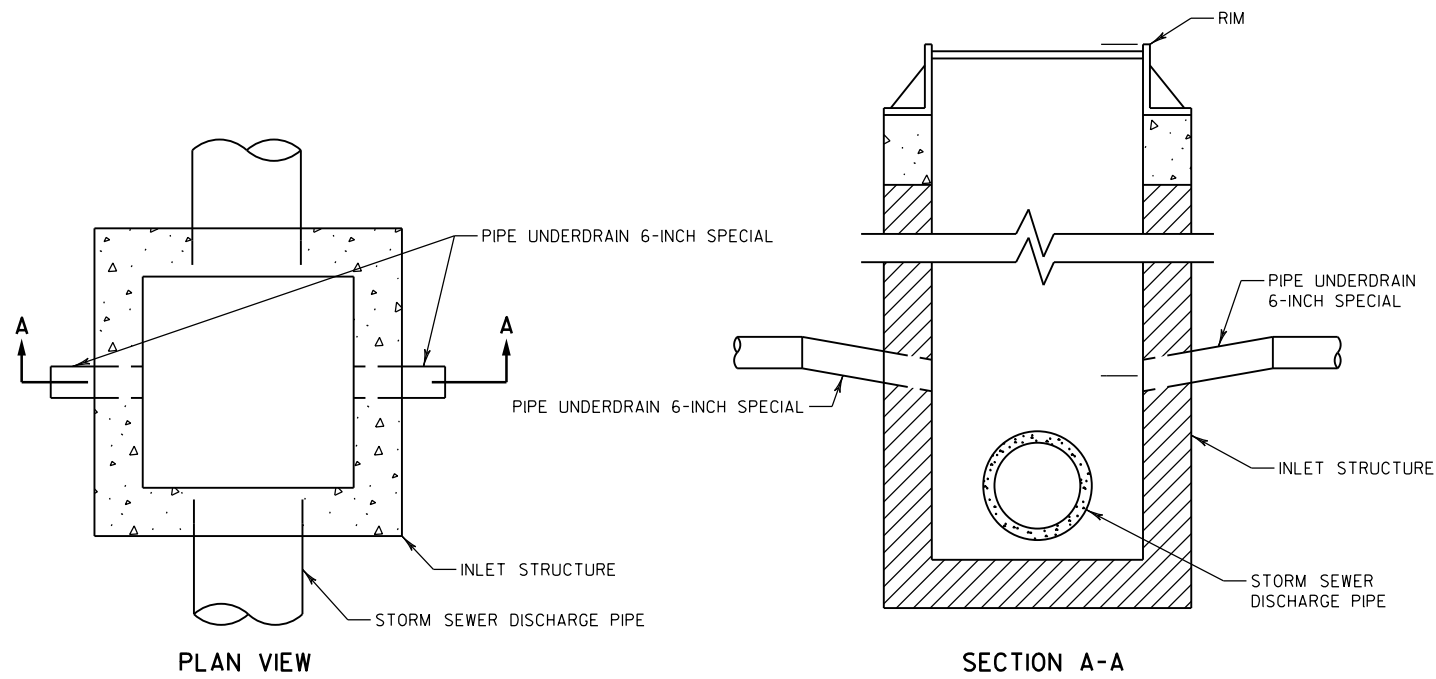
DETAIL FOR RIPRAP IN DITCHES

* PROVIDE DEPTHS AND VARIOUS RIPRAP SIZES IN ACCORDANCE WITH SECTION 606 OF THE STANDARD SPECIFICATIONS.



EROSION MAT DETAIL FOR DITCHES

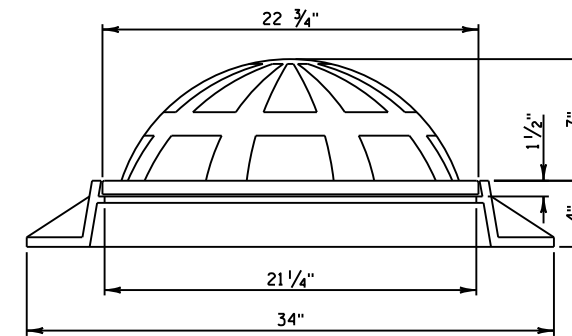
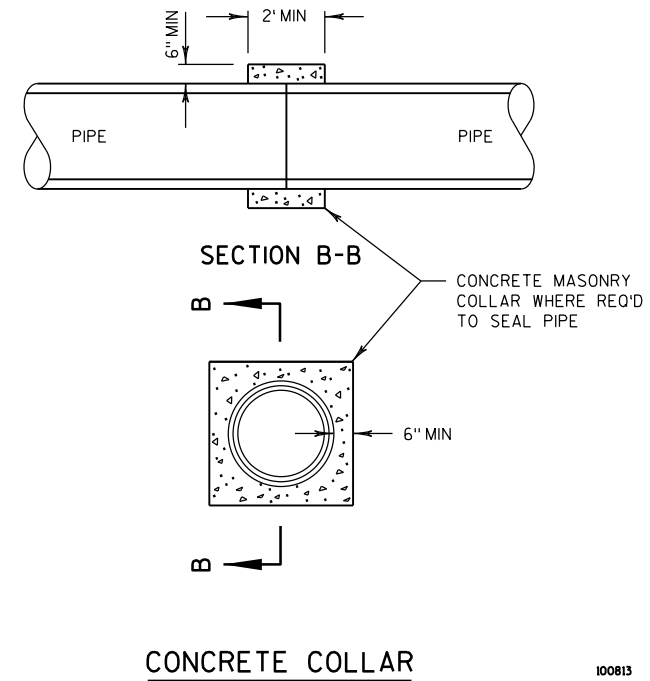




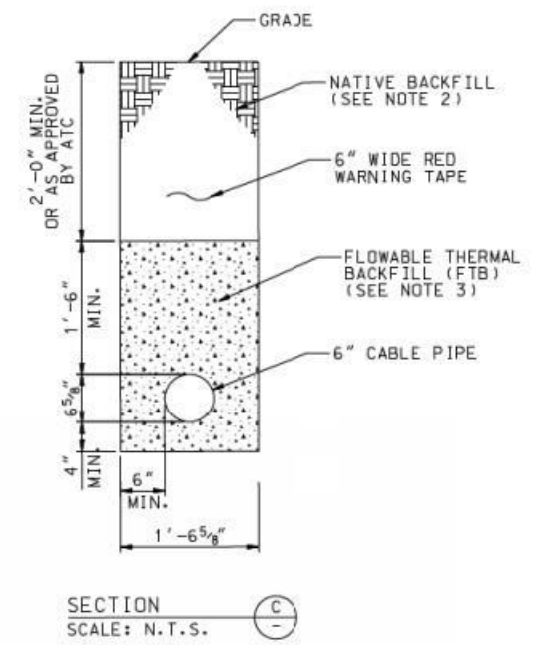
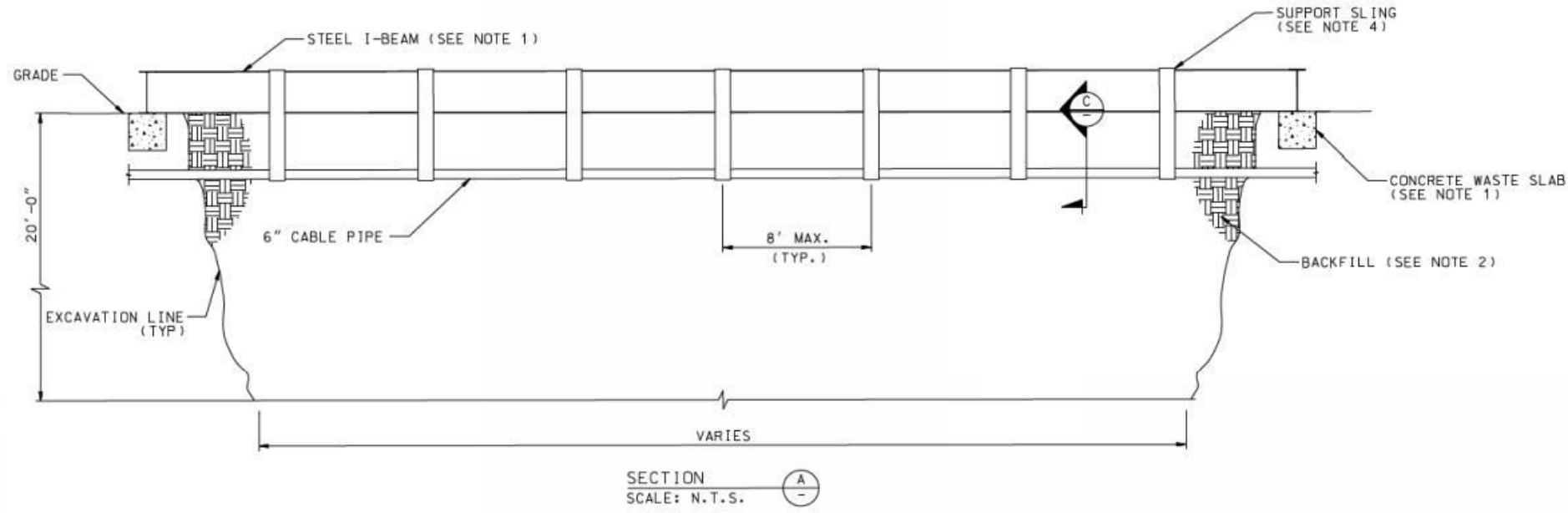
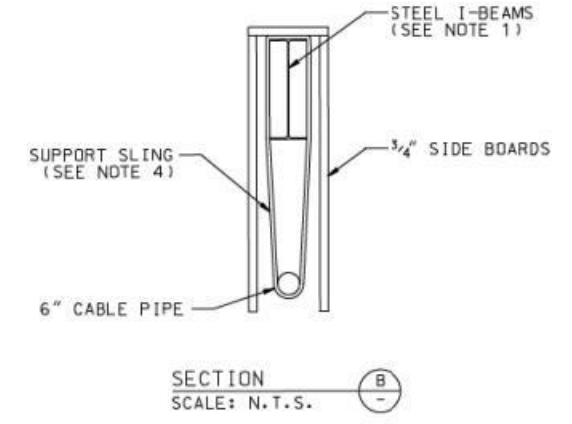
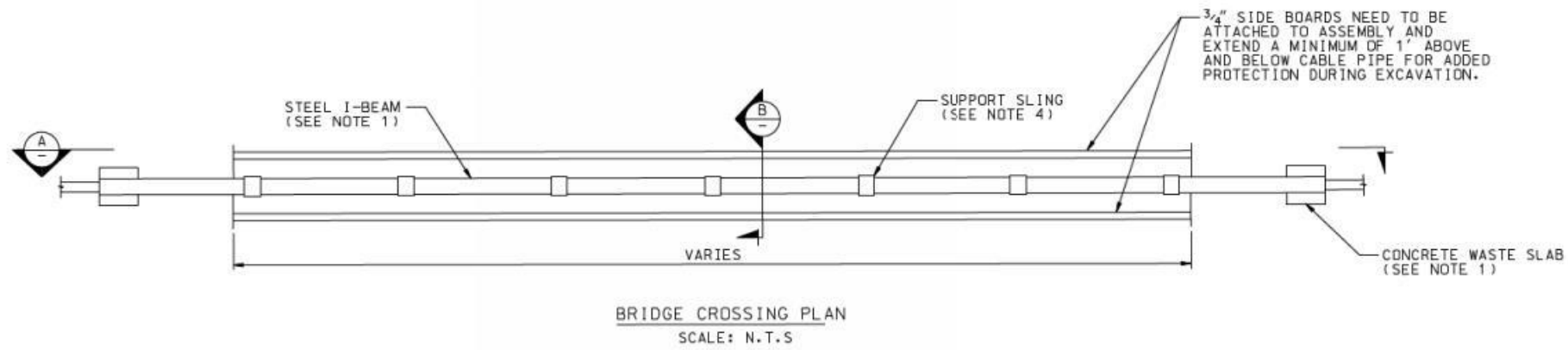
UNDERDRAIN OUTFALL AT INLET

NOTES

1. CONNECTIONS TO INLETS OR MANHOLES IN MEDIAN SHALL USE PIPE UNDERDRAIN 6-INCH SPECIAL.
2. PROVIDE TWO 6" DIA. OPENINGS FOR UNDERDRAIN PIPE A MINIMUM OF 49" BELOW THE RIM ELEVATION.
3. SEE TYPICAL SECTIONS, STORM SEWER, AND UNDERDRAIN PLANS FOR PIPE UNDERDRAIN LOCATIONS.
3. CORE CONNECTION FOR THE INLET DRAIN IS INCIDENTAL TO PIPE UNDERDRAIN 6-INCH SPECIAL.



INLET COVERS BEEHIVE

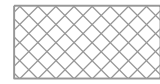


ATC THERMAL BACKFILL DETAIL

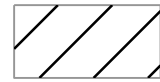
NOTES:

1. CONTRACTOR SHALL SPECIFY SIZE FOR TEMPORARY SUPPORT BEAM AND WASTE SLAB TO SUPPORT THE CABLE PIPE WHICH WEIGHS 40 LBS. PER FOOT (+/-).
2. BACKFILL AND COMPACTION SHALL MEET SECTION 209 OF STANDARD SPECIFICATION.
3. THERMAL BACKFILL AND GROUT SHALL MEET REQUIREMENTS AS SHOWN IN SPECIAL PROVISIONS.
4. 10" WIDE MIN. FABRIC SUPPORT SLINGS SHALL BE USED, WITH A MAXIMUM DISTANCE BETWEEN SLINGS OF 8'-0" ON CENTER, NO PIPE DEFLECTION ALLOWED.

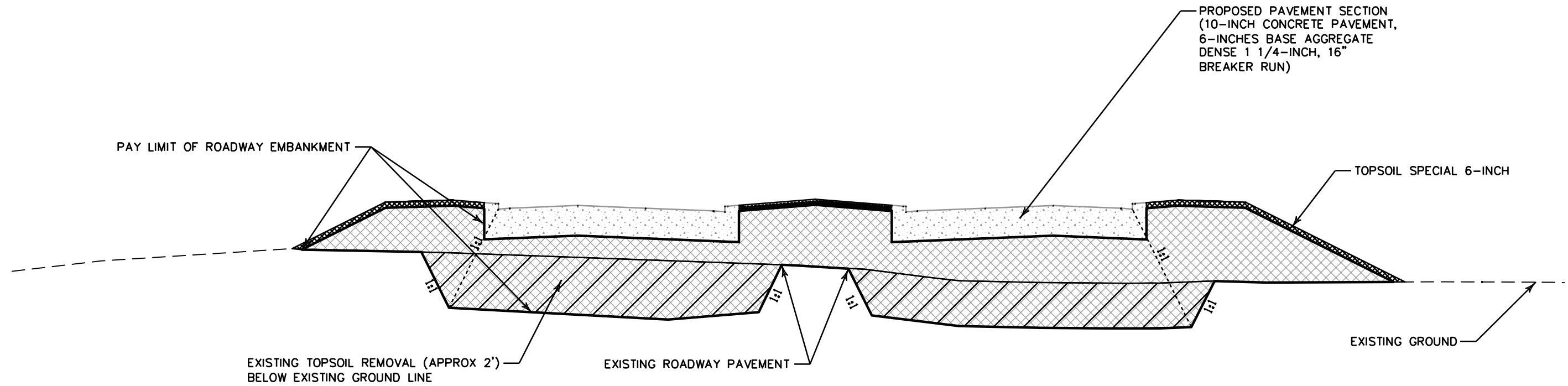
LEGEND:



ROADWAY EMBANKMENT LIMITS



TOPSOIL REMOVAL



TOPSOIL REMOVAL DETAIL

NOTES:

STRIP TOPSOIL FROM ROADWAY FOUNDATION. REPLACE WITH ROADWAY EMBANKMENT.

EXCESS TOPSOIL REMOVED NOT REQUIRED TO COVER SIDE SLOPES UNDER THE TOPSOIL SPECIAL BID ITEM TO BE PAID AS EXCAVATION COMMON.

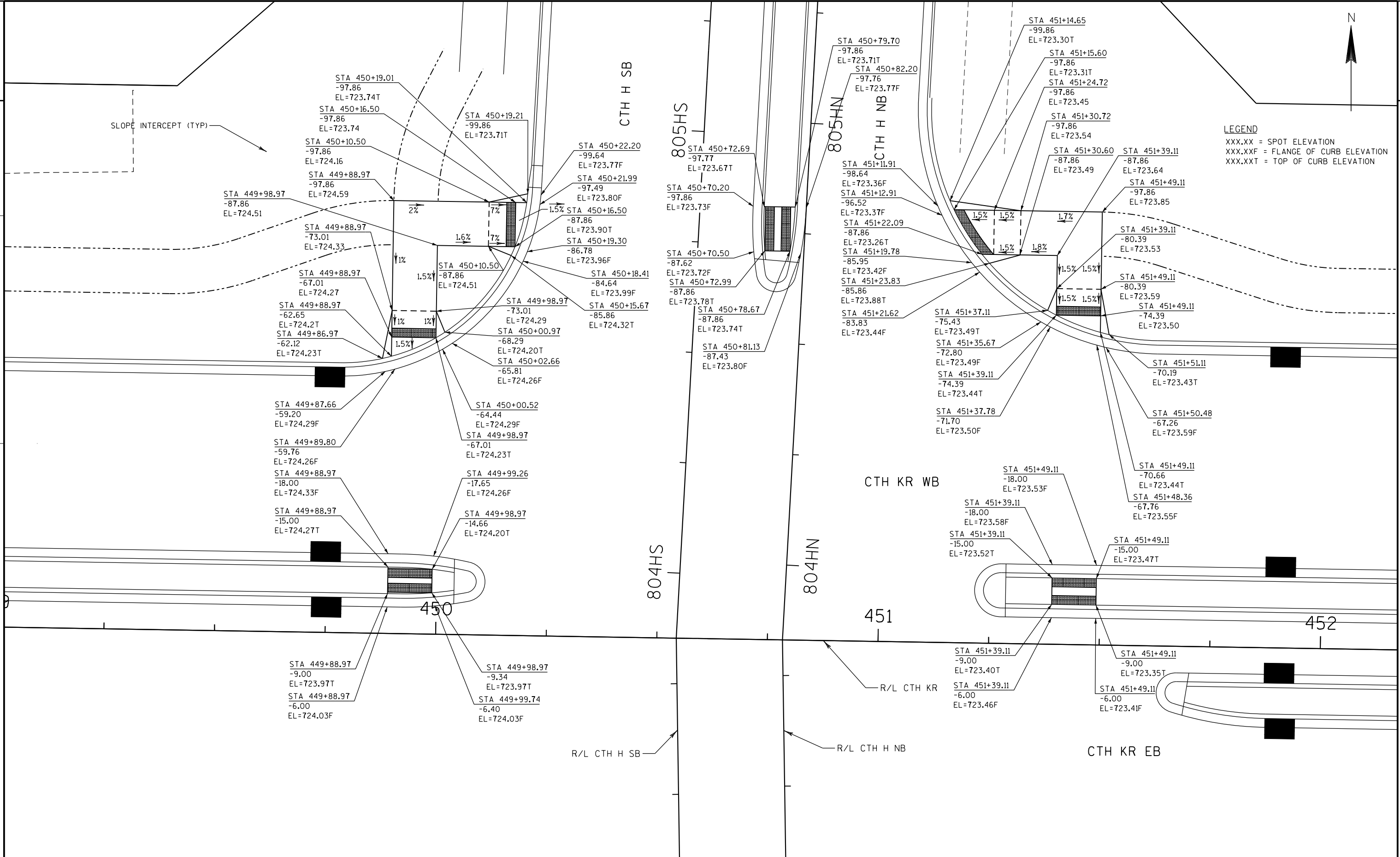
THE TOPSOIL THICKNESS MAY BE INCREASED TO 12" OR AS DIRECTED BY THE ENGINEER TO UTILIZE EXCESS TOPSOIL. TOPSOIL PLACED THICKER THAN 6" WILL BE PAID FOR UNDER THE ROADWAY EMBANKMENT BID ITEM.

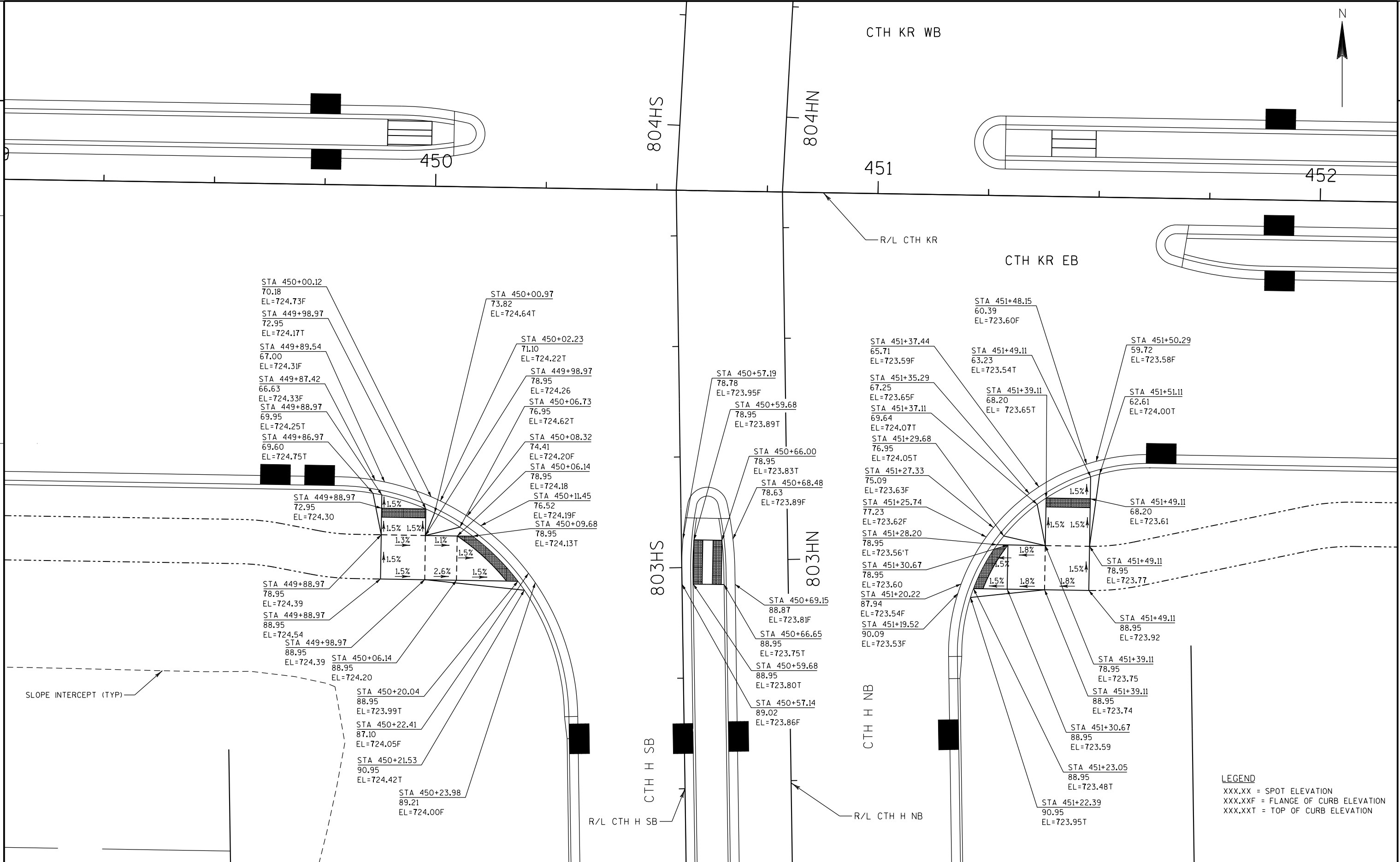
IN AREAS REQUIRING 2' OF FILL OR LESS, EBS EXCAVATION SPECIAL BELOW TOPSOIL LAYER AS DIRECTED BY THE ENGINEER, REPLACE WITH EBS BACKFILL SPECIAL.

SLOPE INTERCEPT (TYP)

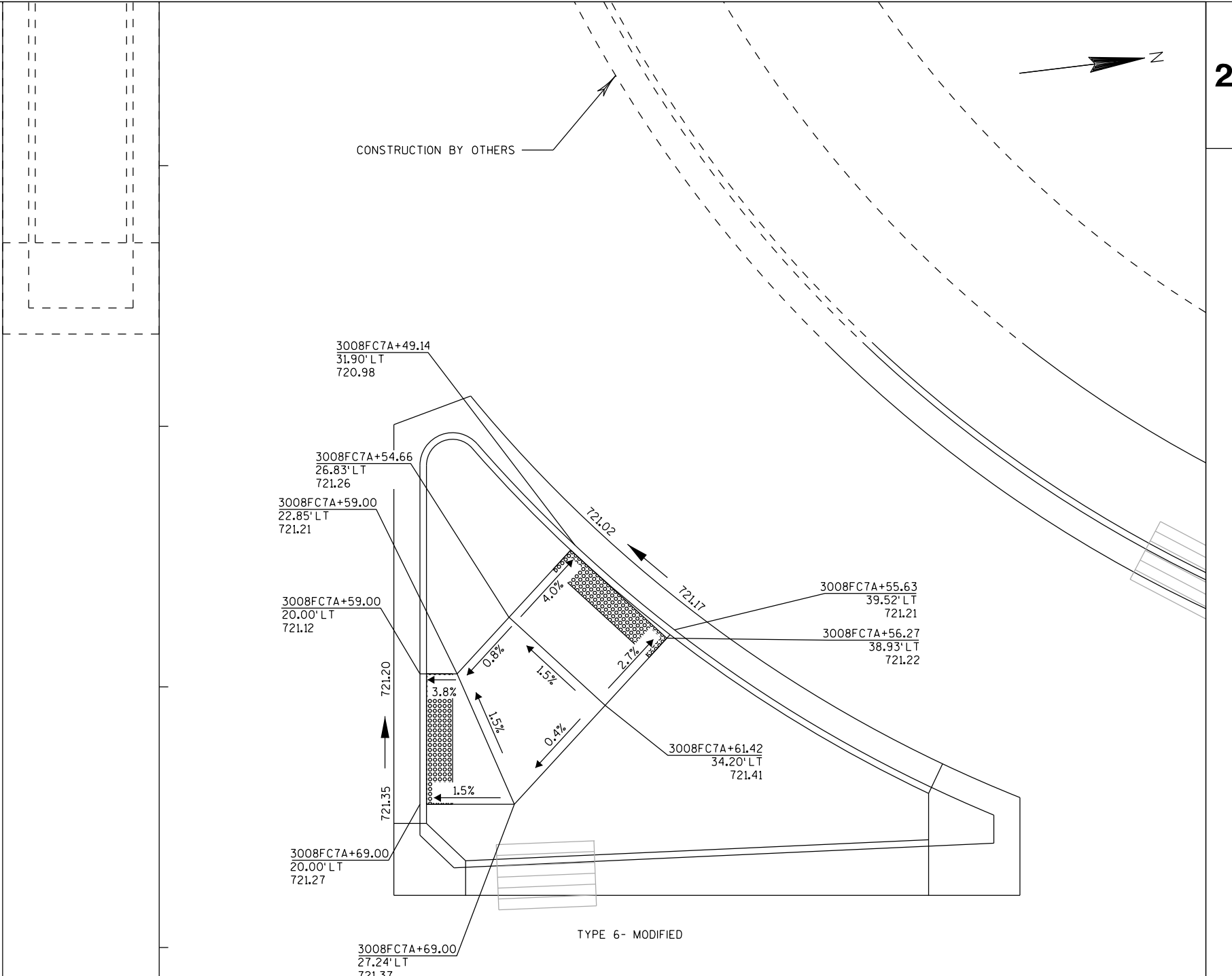
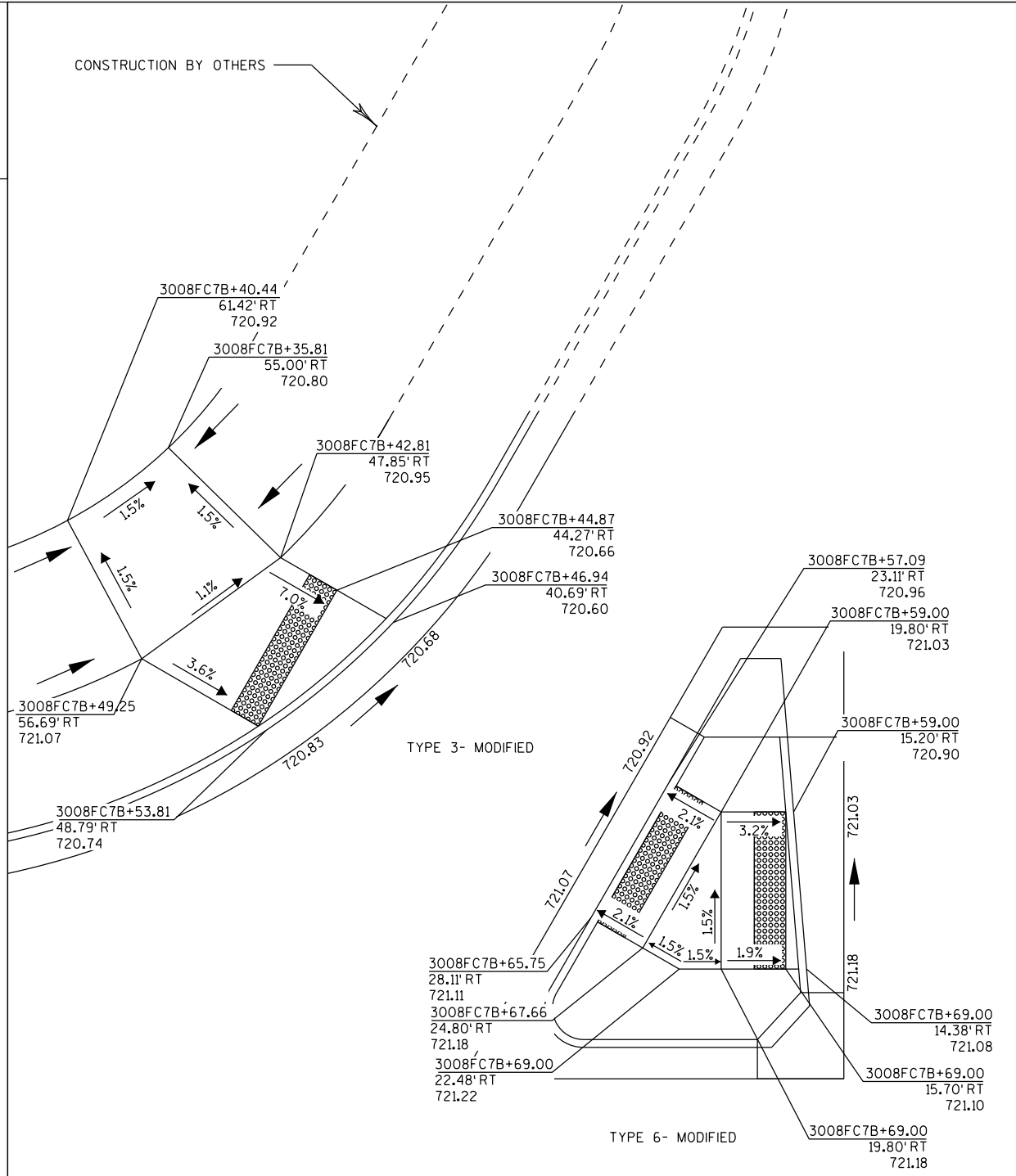
LEGEND

XXX.XX = SPOT ELEVATION
XXX.XXF = FLANGE OF CURB ELEVATION
XXX.XXT = TOP OF CURB ELEVATION





LEGEND
 XXX.XX = SPOT ELEVATION
 XXX.XXF = FLANGE OF CURB ELEVATION
 XXX.XXT = TOP OF CURB ELEVATION



- NOTES:
1. ALL SLOPE VALUES IN PERCENTAGES
 2. UNMARKED SLOPES 1.5%

819HS

820HS

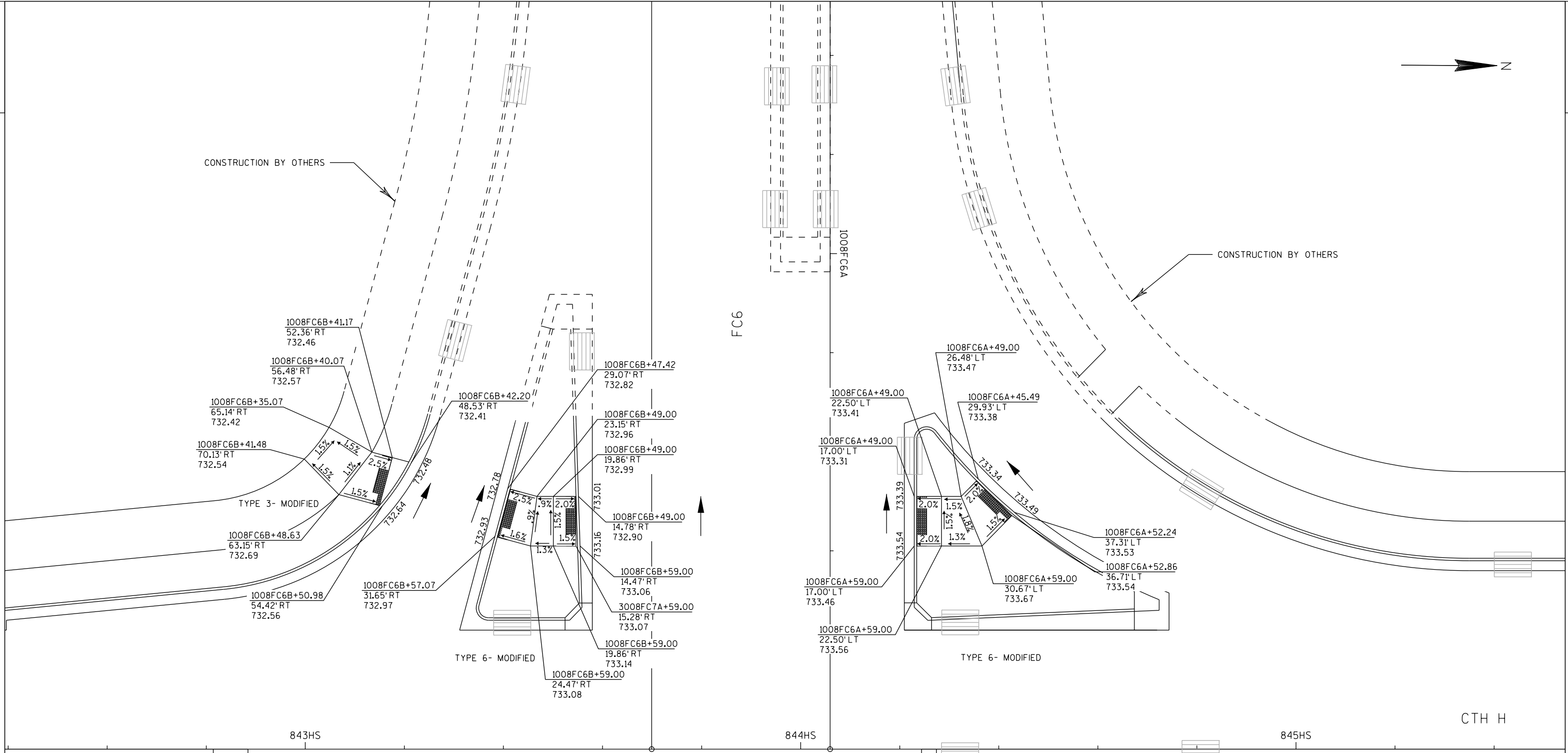
FC7

CTH H



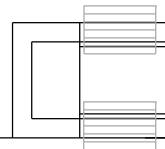
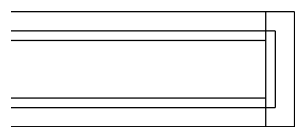
CONSTRUCTION BY OTHERS

CONSTRUCTION BY OTHERS



NOTES:

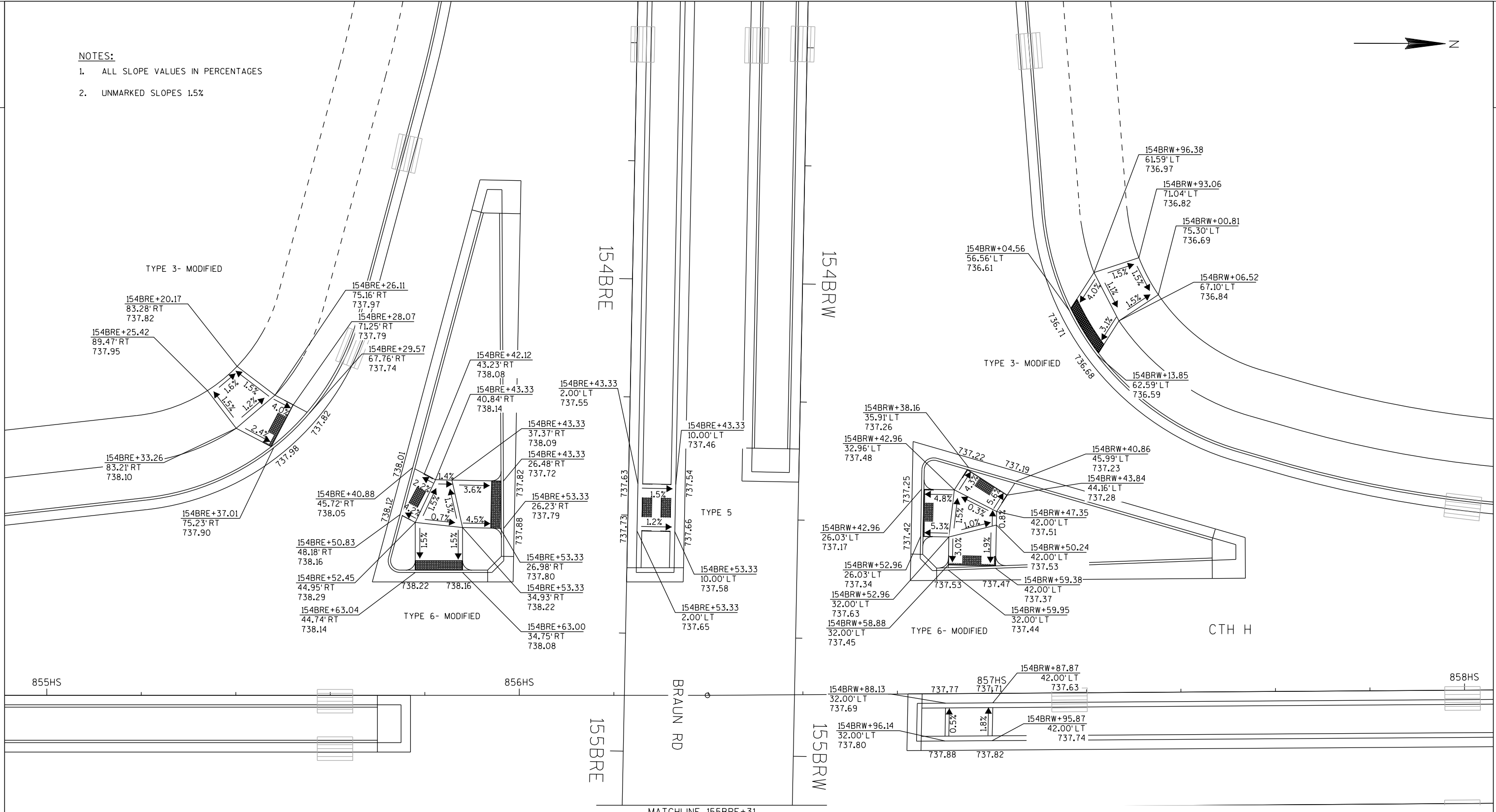
- 1. ALL SLOPE VALUES IN PERCENTAGES
- 2. UNMARKED SLOPES 1.5%

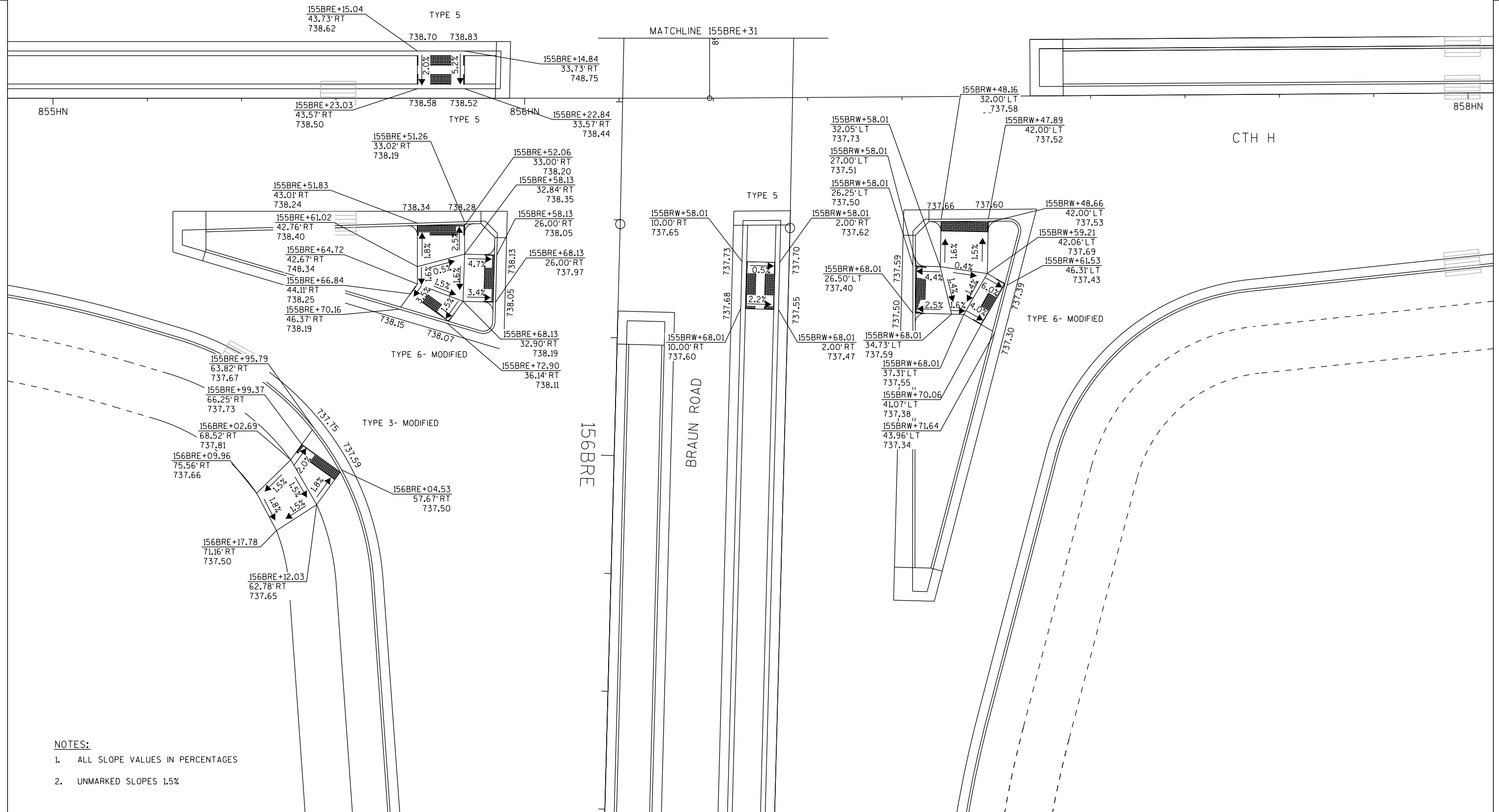




NOTES:

- 1. ALL SLOPE VALUES IN PERCENTAGES
- 2. UNMARKED SLOPES 1.5%






NOTES:

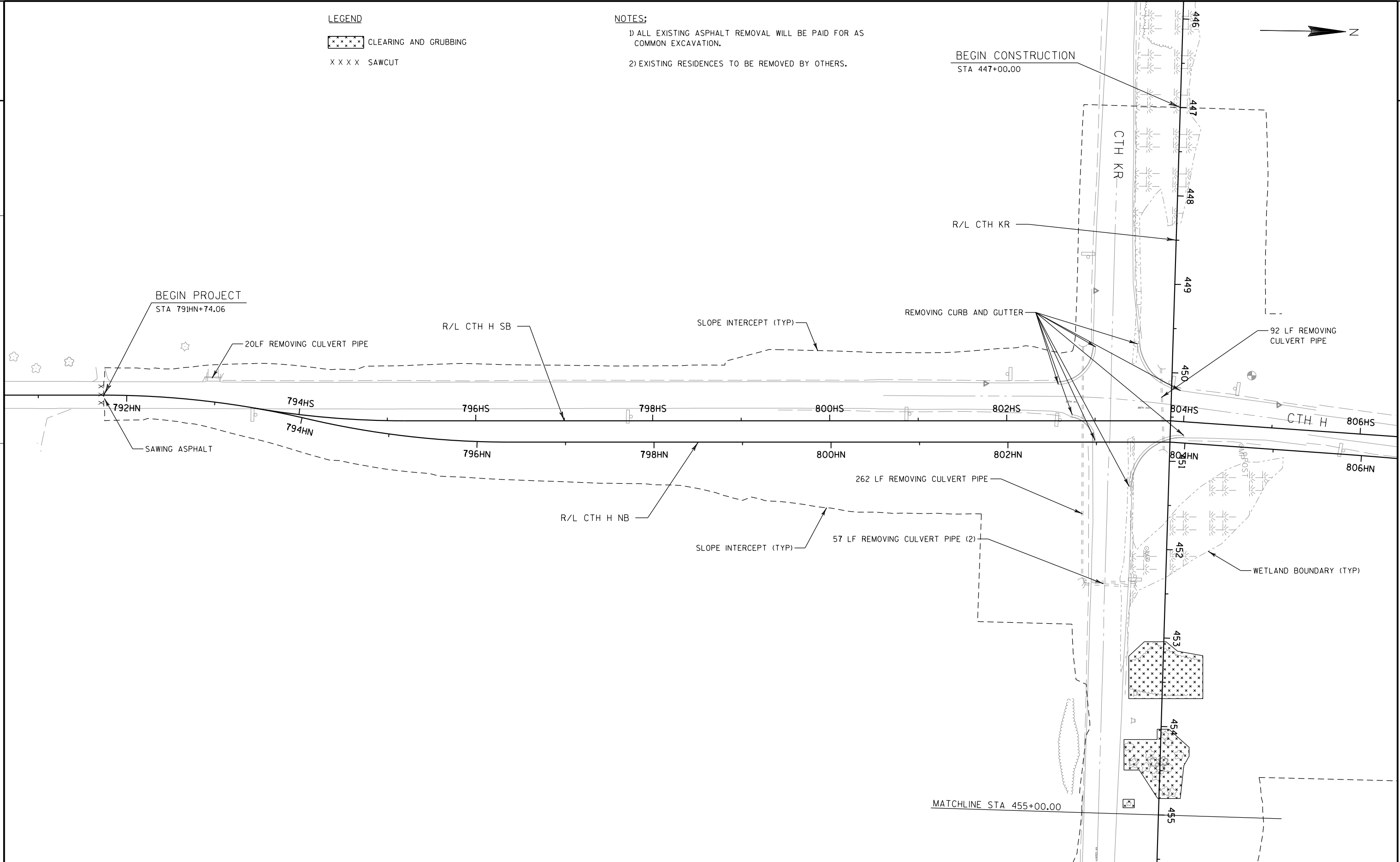
- 1. ALL SLOPE VALUES IN PERCENTAGES
- 2. UNMARKED SLOPES 1.5%

LEGEND

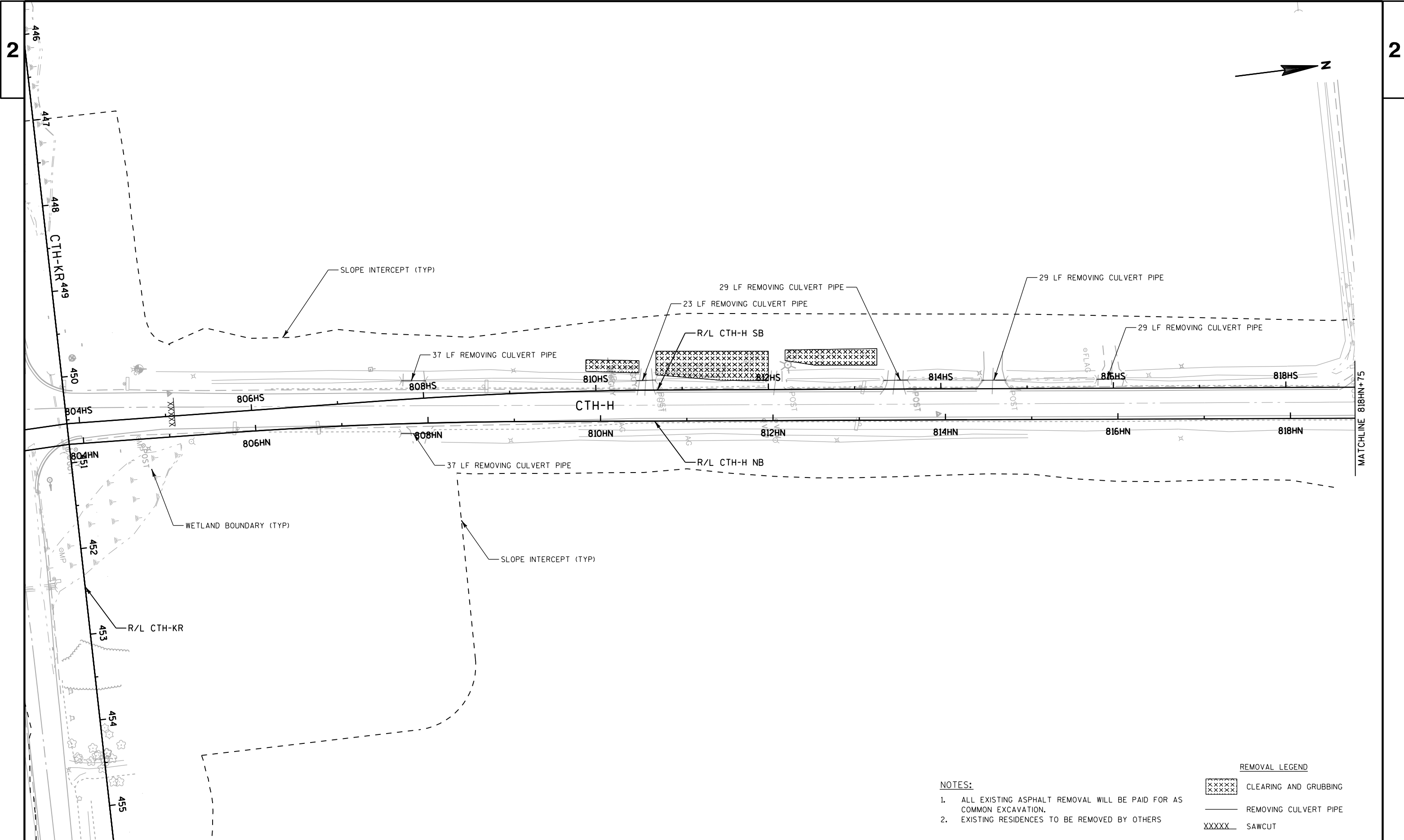
-  CLEARING AND GRUBBING
- X X X X SAWCUT

NOTES:

- 1) ALL EXISTING ASPHALT REMOVAL WILL BE PAID FOR AS COMMON EXCAVATION.
- 2) EXISTING RESIDENCES TO BE REMOVED BY OTHERS.






PROJECT NO: 3760-00-70	HWY: CTH H	COUNTY: RACINE	REMOVAL PLAN	SHEET	E
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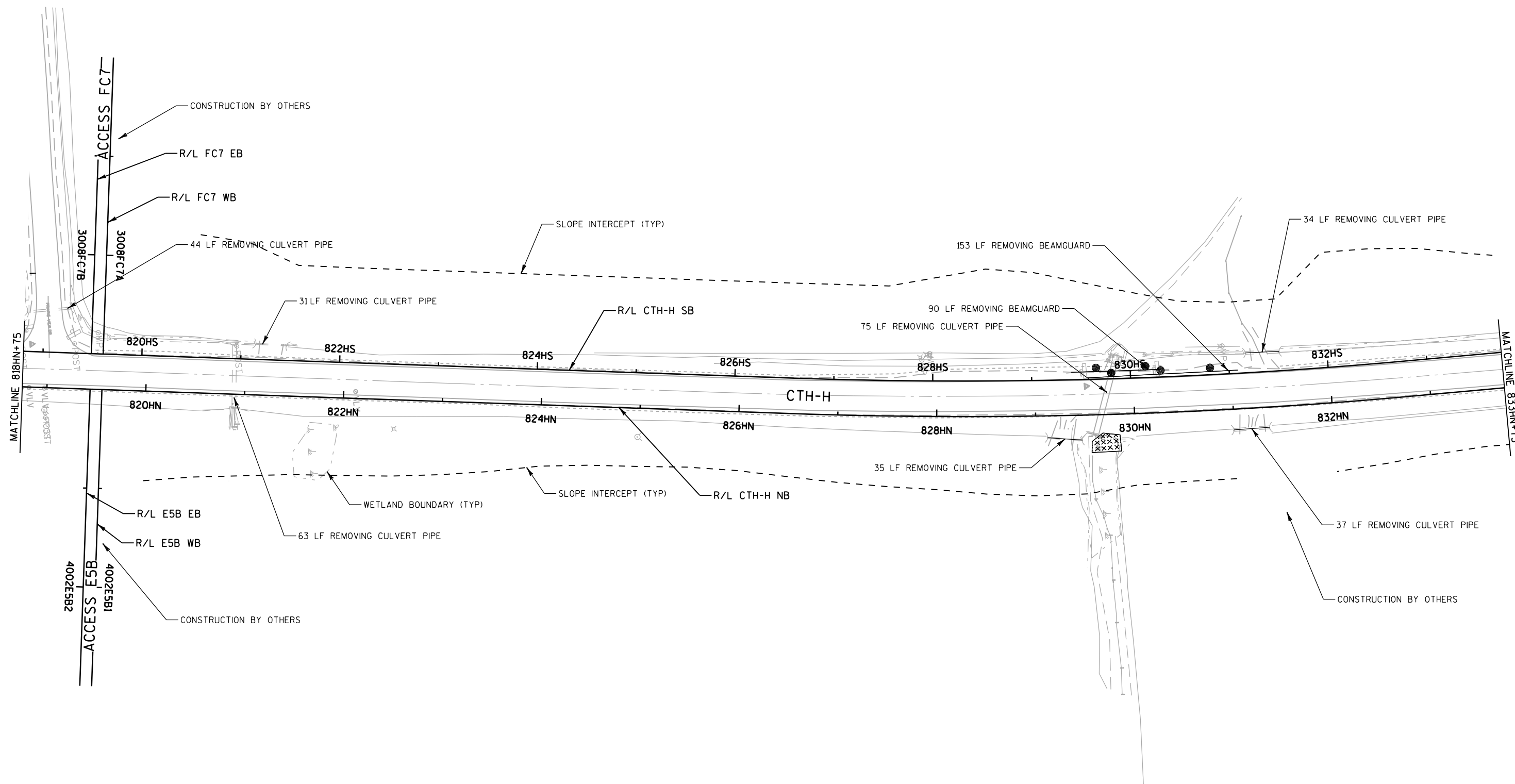
NOTES:

1. ALL EXISTING ASPHALT REMOVAL WILL BE PAID FOR AS COMMON EXCAVATION.
2. EXISTING RESIDENCES TO BE REMOVED BY OTHERS

REMOVAL LEGEND

-  CLEARING AND GRUBBING
-  REMOVING CULVERT PIPE
-  SAWCUT

PROJECT NO: 3760-00-70	HWY: CTH H	COUNTY: RACINE	REMOVAL PLAN	SHEET	E
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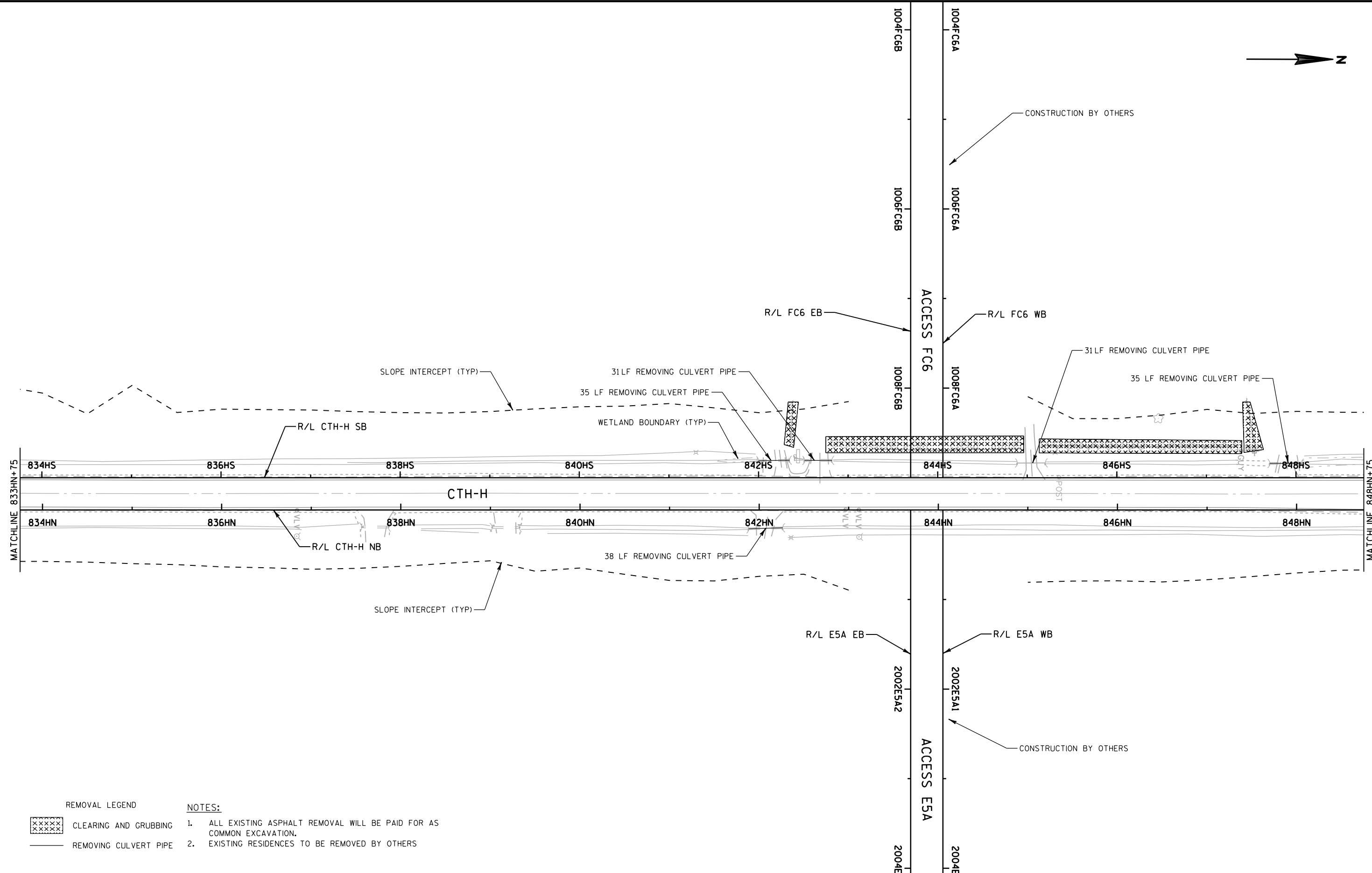


NOTES:

- ALL EXISTING ASPHALT REMOVAL WILL BE PAID FOR AS COMMON EXCAVATION.
- EXISTING RESIDENCES TO BE REMOVED BY OTHERS

REMOVAL LEGEND

- CLEARING AND GRUBBING
- REMOVING CULVERT PIPE
- REMOVING BEAMGUARD

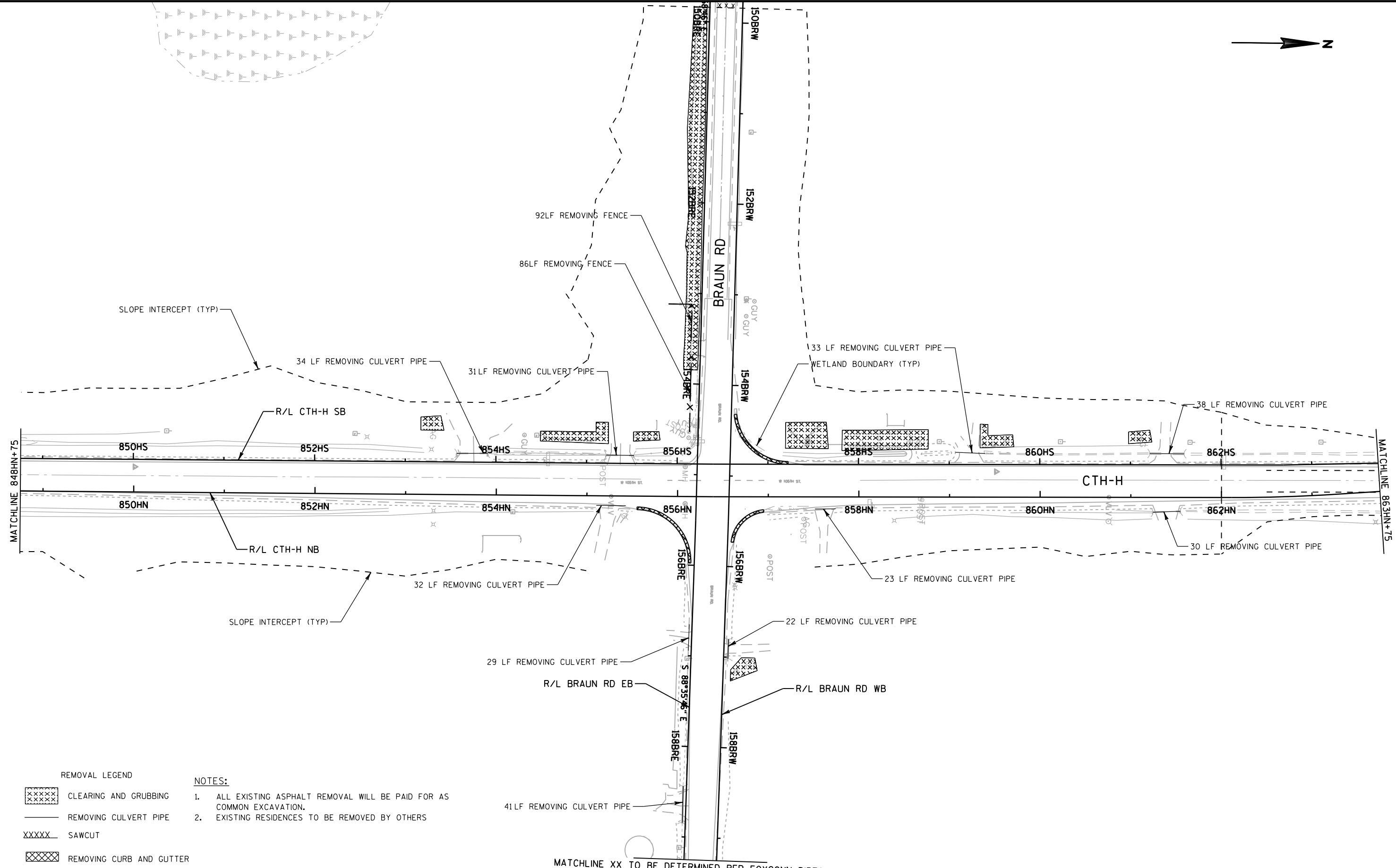


REMOVAL LEGEND

CLEARING AND GRUBBING
 REMOVING CULVERT PIPE

NOTES:

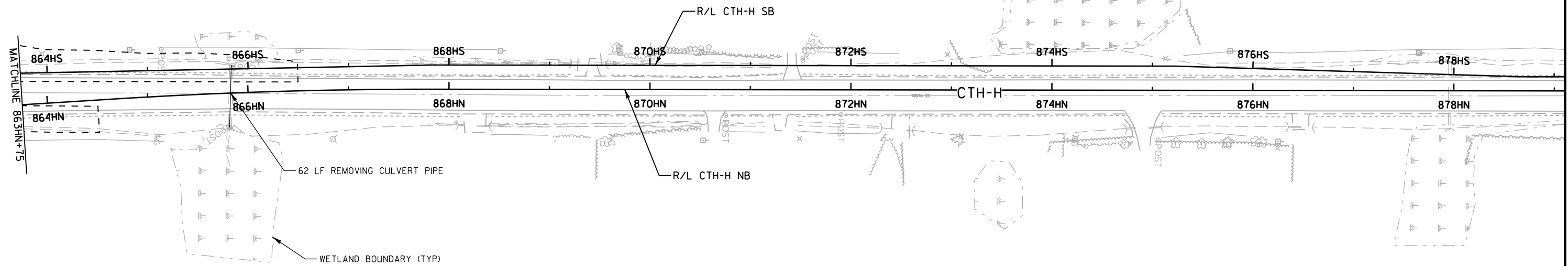
- ALL EXISTING ASPHALT REMOVAL WILL BE PAID FOR AS COMMON EXCAVATION.
- EXISTING RESIDENCES TO BE REMOVED BY OTHERS



- REMOVAL LEGEND**
- CLEARING AND GRUBBING
 - REMOVING CULVERT PIPE
 - SAWCUT
 - REMOVING CURB AND GUTTER

- NOTES:**
1. ALL EXISTING ASPHALT REMOVAL WILL BE PAID FOR AS COMMON EXCAVATION.
 2. EXISTING RESIDENCES TO BE REMOVED BY OTHERS

MATCHLINE XX TO BE DETERMINED PER FOXCONN DIRECTION




REMOVAL LEGEND
 XXXXX SAWCUT

NOTES:

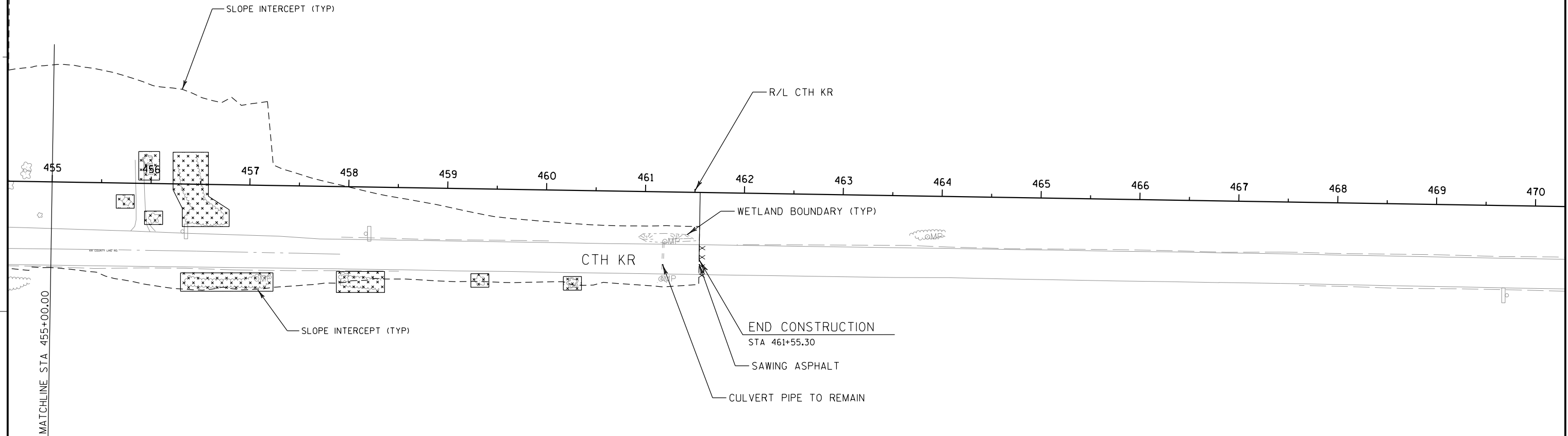
1. ALL EXISTING ASPHALT REMOVAL WILL BE PAID FOR AS COMMON EXCAVATION.
2. EXISTING RESIDENCES TO BE REMOVED BY OTHERS

LEGEND

-  CLEARING AND GRUBBING
- X X X X SAWCUT

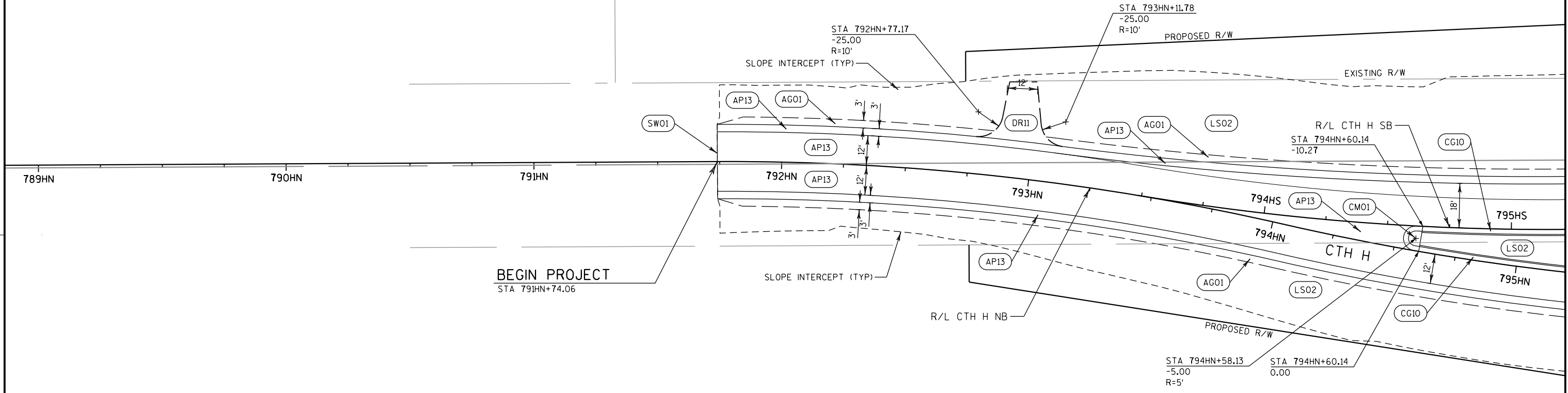
NOTES:

- 1) ALL EXISTING ASPHALT REMOVAL WILL BE PAID FOR AS COMMON EXCAVATION.
- 2) EXISTING RESIDENCES TO BE REMOVED BY OTHERS.



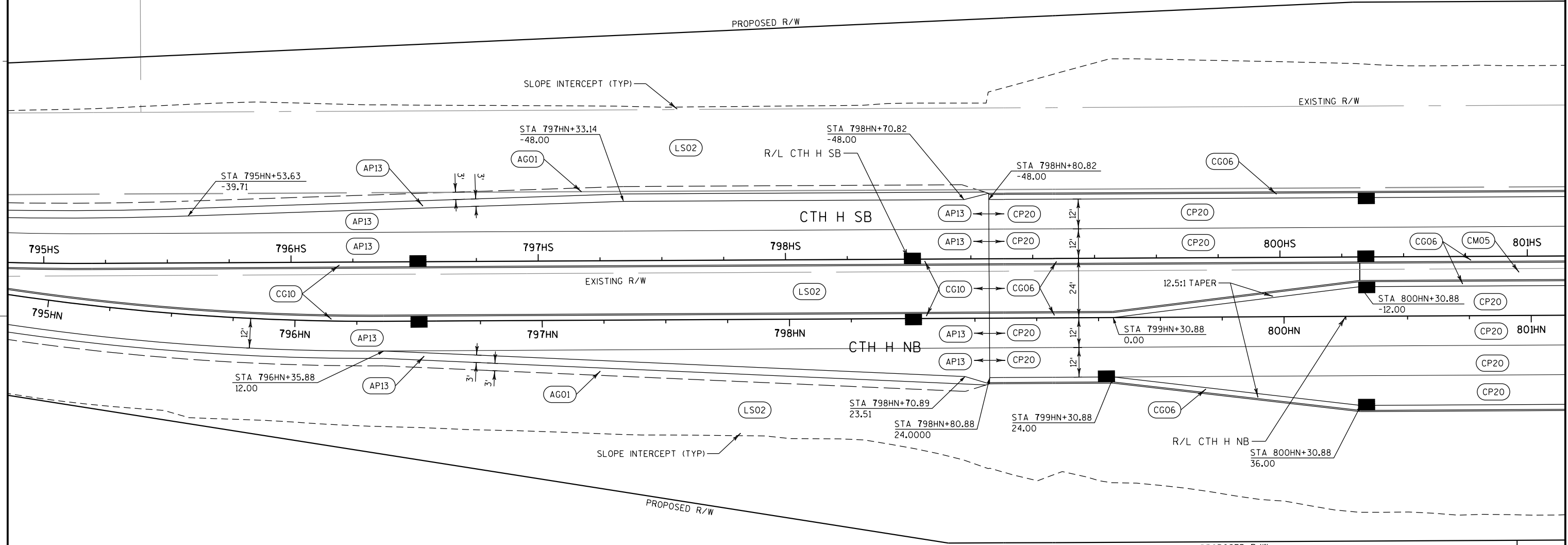
PAVEMENT DETAIL LEGEND

- AG01 BASE AGGREGATE DENSE 3/4-INCH
- AP13 HMA PAVEMENT 5-INCH
- CG10 CONCRETE CURB AND GUTTER 30-INCH TYPE D
- CM01 CONCRETE MEDIAN SLOPED NOSE TYPE 1
- DR11 AGGREGATE DRIVEWAY, BASE AGGREGATE DENSE 1 1/4-INCH, 10-INCH
- LS02 TOPSOIL SPECIAL, FERTILIZER, SEED AND EROSION MAT
- SW01 SAWING ASPHALT



PAVEMENT DETAIL LEGEND

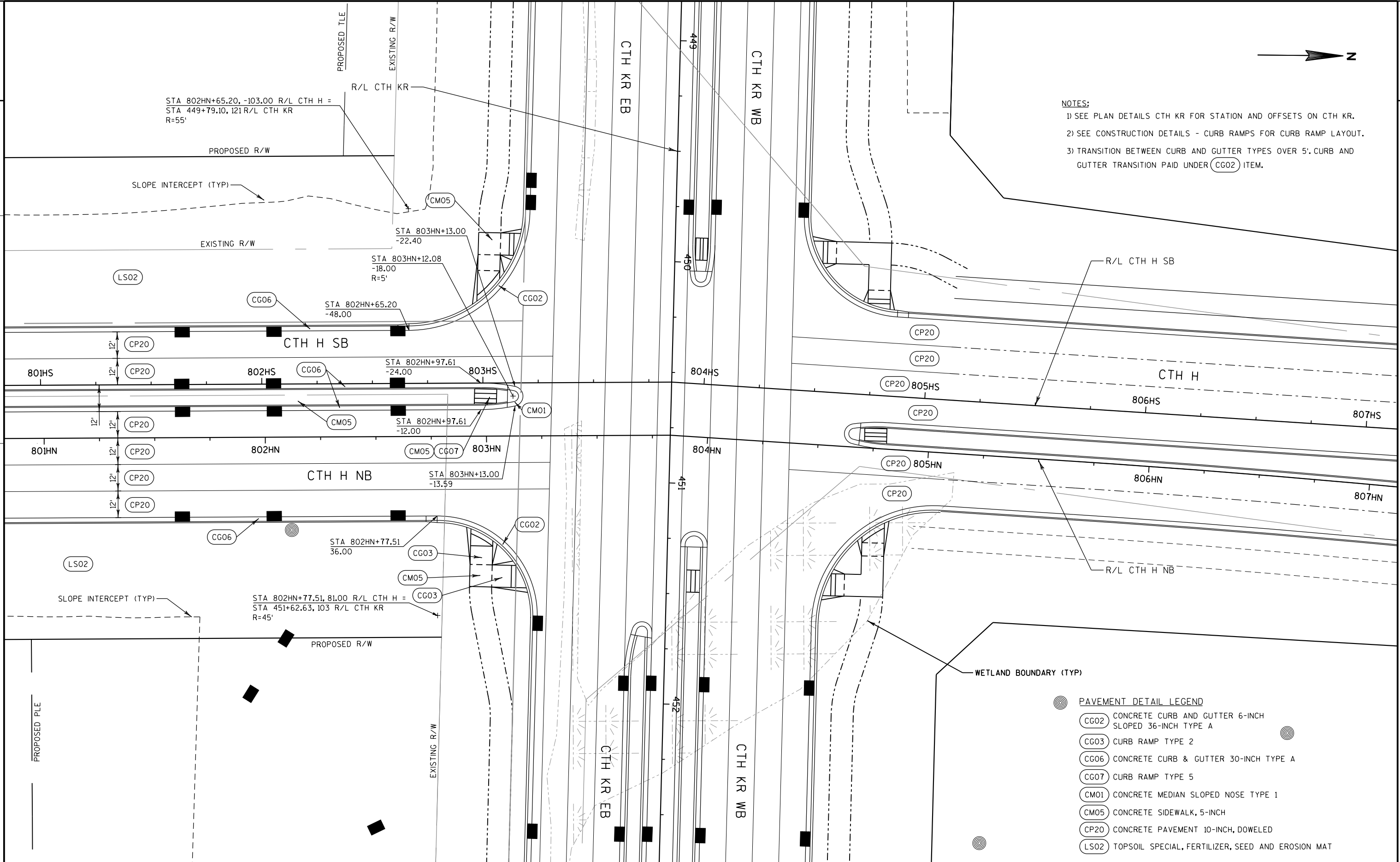
- AG01 BASE AGGREGATE DENSE 3/4-INCH
- AP13 HMA PAVEMENT 5-INCH
- CG06 CONCRETE CURB & GUTTER 30-INCH TYPE A
- CG10 CONCRETE CURB AND GUTTER 30-INCH TYPE D
- CM05 CONCRETE SIDEWALK, 5-INCH
- CP20 CONCRETE PAVEMENT 10-INCH, DOWELED
- LS02 TOPSOIL SPECIAL, FERTILIZER, SEED AND EROSION MAT





NOTES:

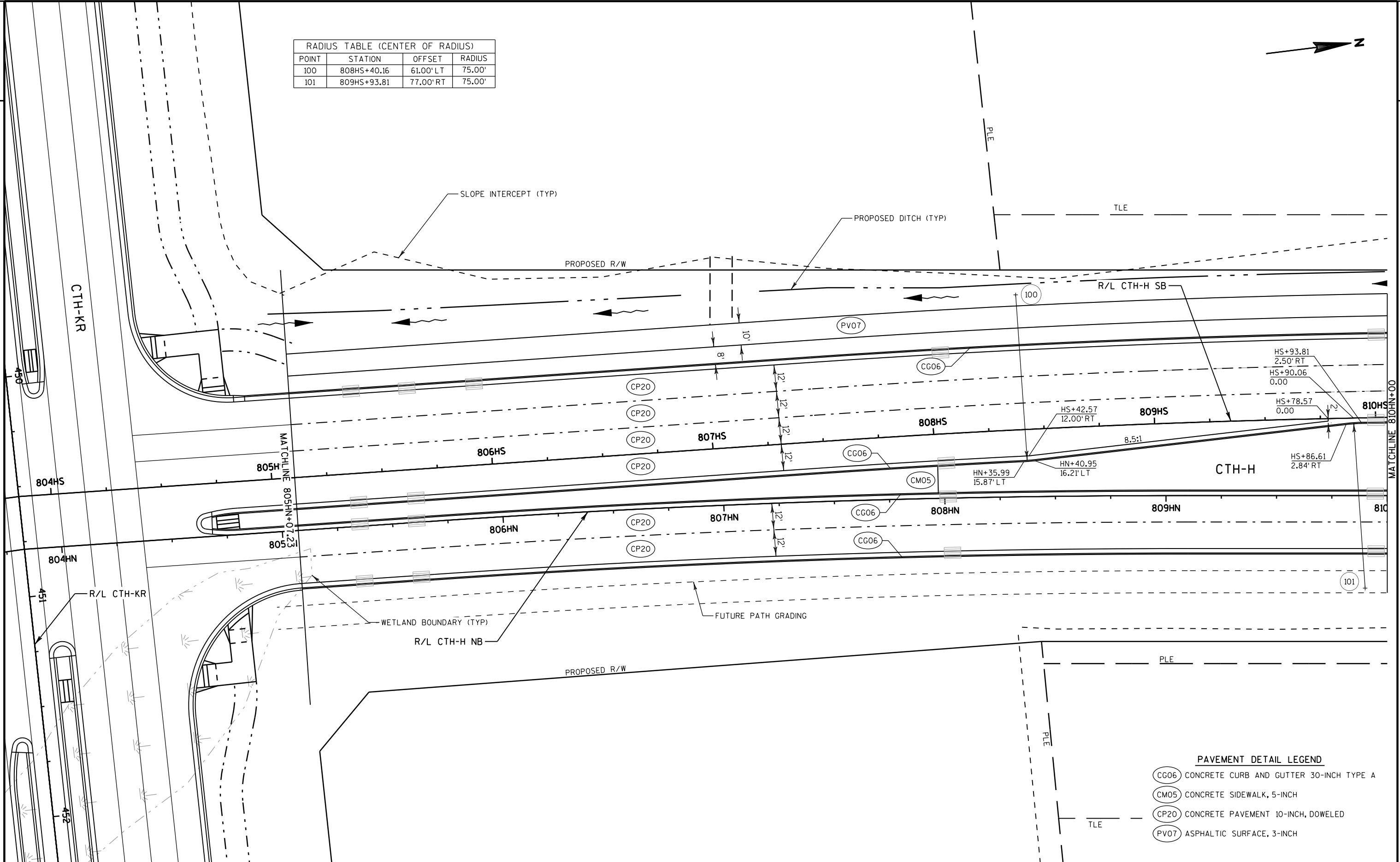
- 1) SEE PLAN DETAILS CTH KR FOR STATION AND OFFSETS ON CTH KR.
- 2) SEE CONSTRUCTION DETAILS - CURB RAMP FOR CURB RAMP LAYOUT.
- 3) TRANSITION BETWEEN CURB AND GUTTER TYPES OVER 5'. CURB AND GUTTER TRANSITION PAID UNDER (CG02) ITEM.



PAVEMENT DETAIL LEGEND

	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE A
	CURB RAMP TYPE 2
	CONCRETE CURB & GUTTER 30-INCH TYPE A
	CURB RAMP TYPE 5
	CONCRETE MEDIAN SLOPED NOSE TYPE 1
	CONCRETE SIDEWALK, 5-INCH
	CONCRETE PAVEMENT 10-INCH, DOWELED
	TOPSOIL SPECIAL, FERTILIZER, SEED AND EROSION MAT

RADIUS TABLE (CENTER OF RADIUS)			
POINT	STATION	OFFSET	RADIUS
100	808HS+40.16	61.00' LT	75.00'
101	809HS+93.81	77.00' RT	75.00'

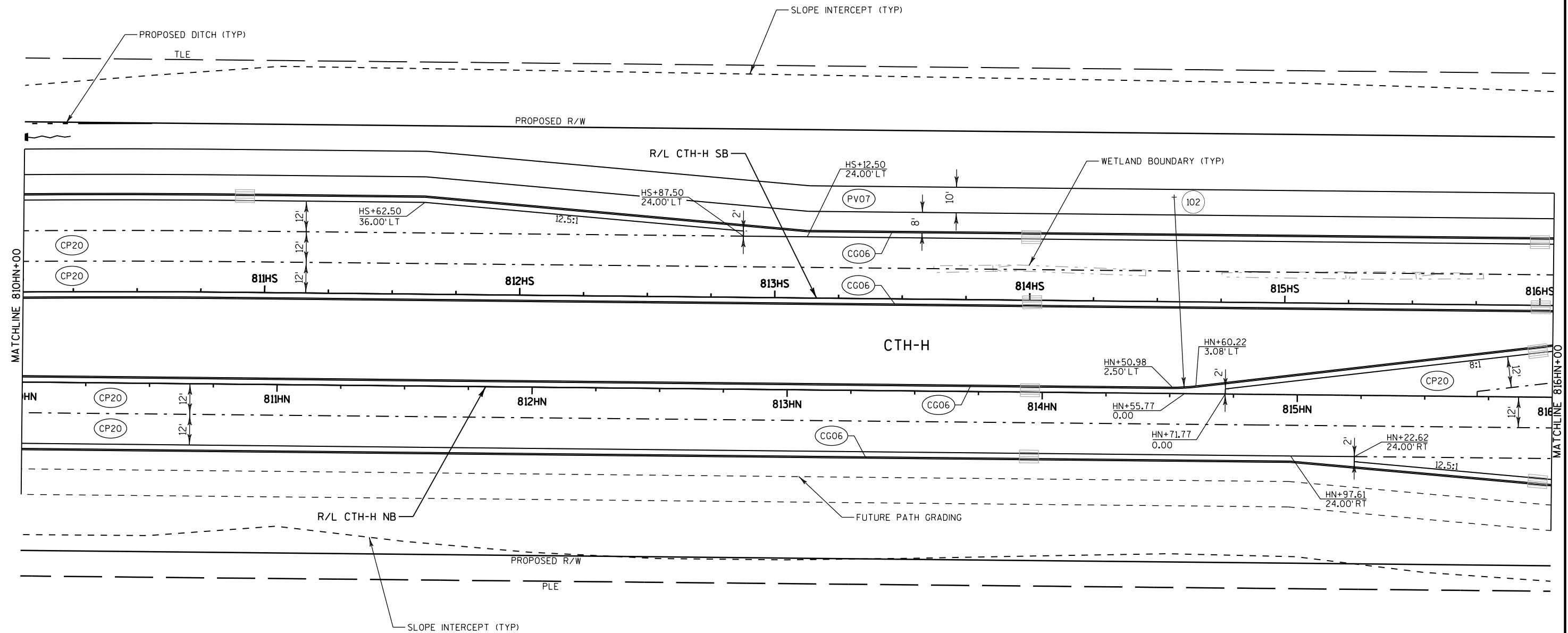


PAVEMENT DETAIL LEGEND

	CONCRETE CURB AND GUTTER 30-INCH TYPE A
	CONCRETE SIDEWALK, 5-INCH
	CONCRETE PAVEMENT 10-INCH, DOWELED
	ASPHALTIC SURFACE, 3-INCH



RADIUS TABLE (CENTER OF RADIUS)			
POINT	STATION	OFFSET	RADIUS
102	814HN+50.98	77.00'LT	75.00'

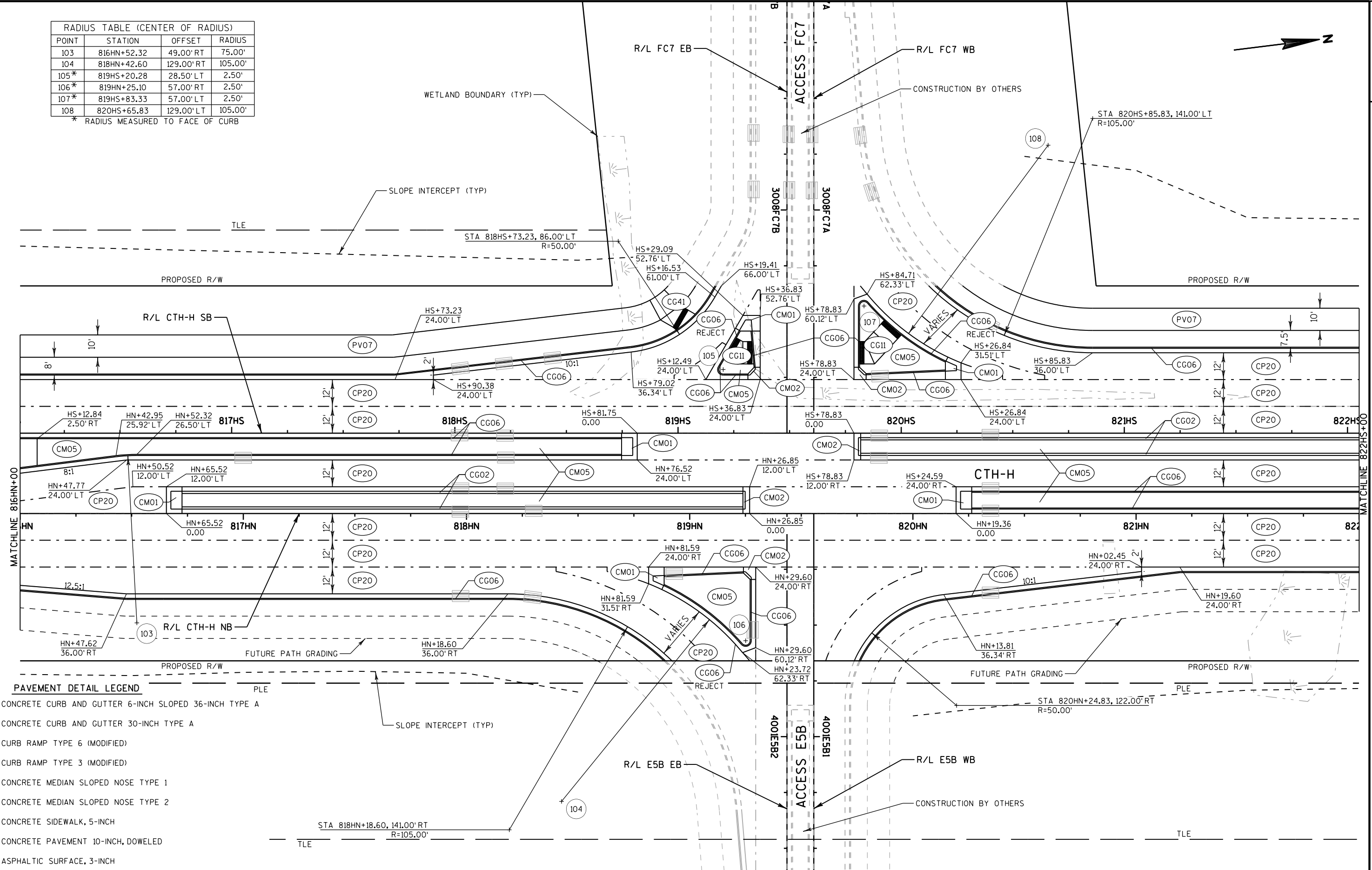


PAVEMENT DETAIL LEGEND

- CONCRETE CURB AND GUTTER 30-INCH TYPE A
- CONCRETE PAVEMENT 10-INCH, DOWELED
- ASPHALTIC SURFACE, 3-INCH

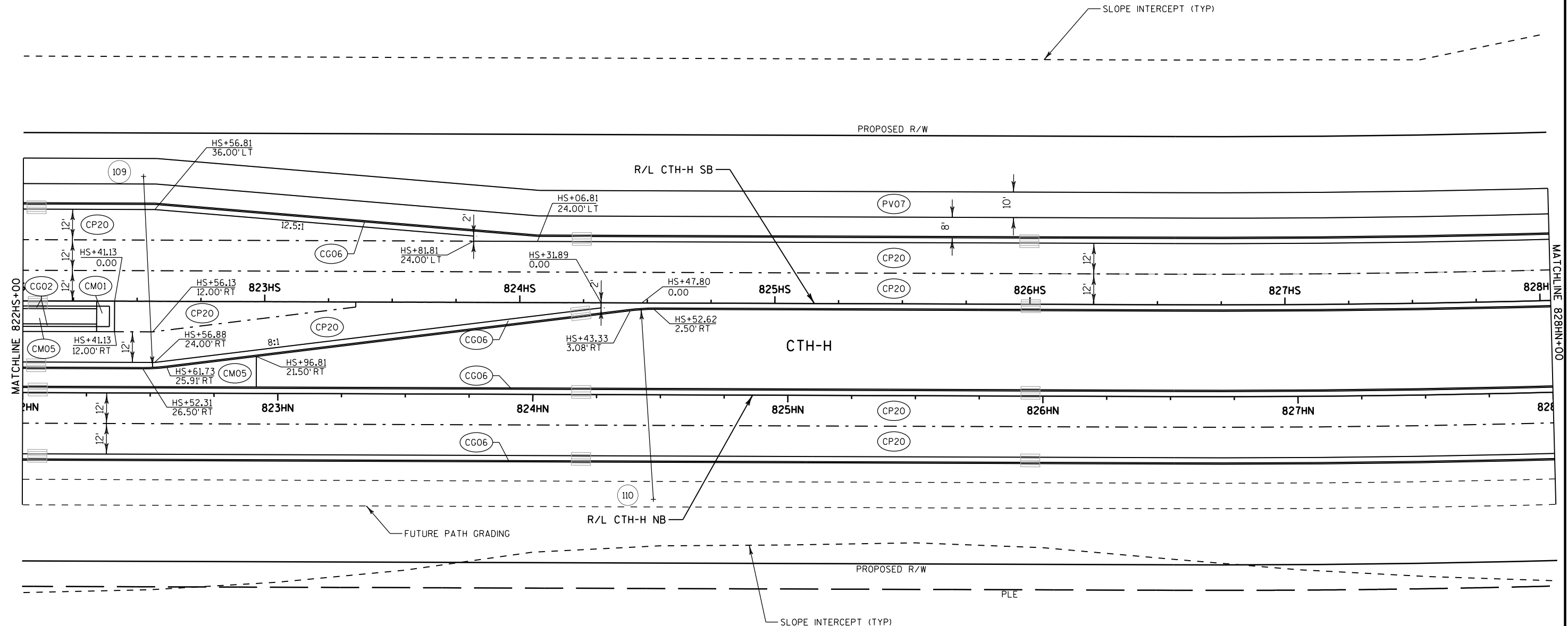
RADIUS TABLE (CENTER OF RADIUS)			
POINT	STATION	OFFSET	RADIUS
103	816HN+52.32	49.00' RT	75.00'
104	818HN+42.60	129.00' RT	105.00'
105*	819HS+20.28	28.50' LT	2.50'
106*	819HN+25.10	57.00' RT	2.50'
107*	819HS+83.33	57.00' LT	2.50'
108	820HS+65.83	129.00' LT	105.00'

* RADIUS MEASURED TO FACE OF CURB



- PAVEMENT DETAIL LEGEND**
- CG02 CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE A
 - CG06 CONCRETE CURB AND GUTTER 30-INCH TYPE A
 - CG11 CURB RAMP TYPE 6 (MODIFIED)
 - CG41 CURB RAMP TYPE 3 (MODIFIED)
 - CM01 CONCRETE MEDIAN SLOPED NOSE TYPE 1
 - CM02 CONCRETE MEDIAN SLOPED NOSE TYPE 2
 - CM05 CONCRETE SIDEWALK, 5-INCH
 - CP20 CONCRETE PAVEMENT 10-INCH, DOWELED
 - PV07 ASPHALTIC SURFACE, 3-INCH

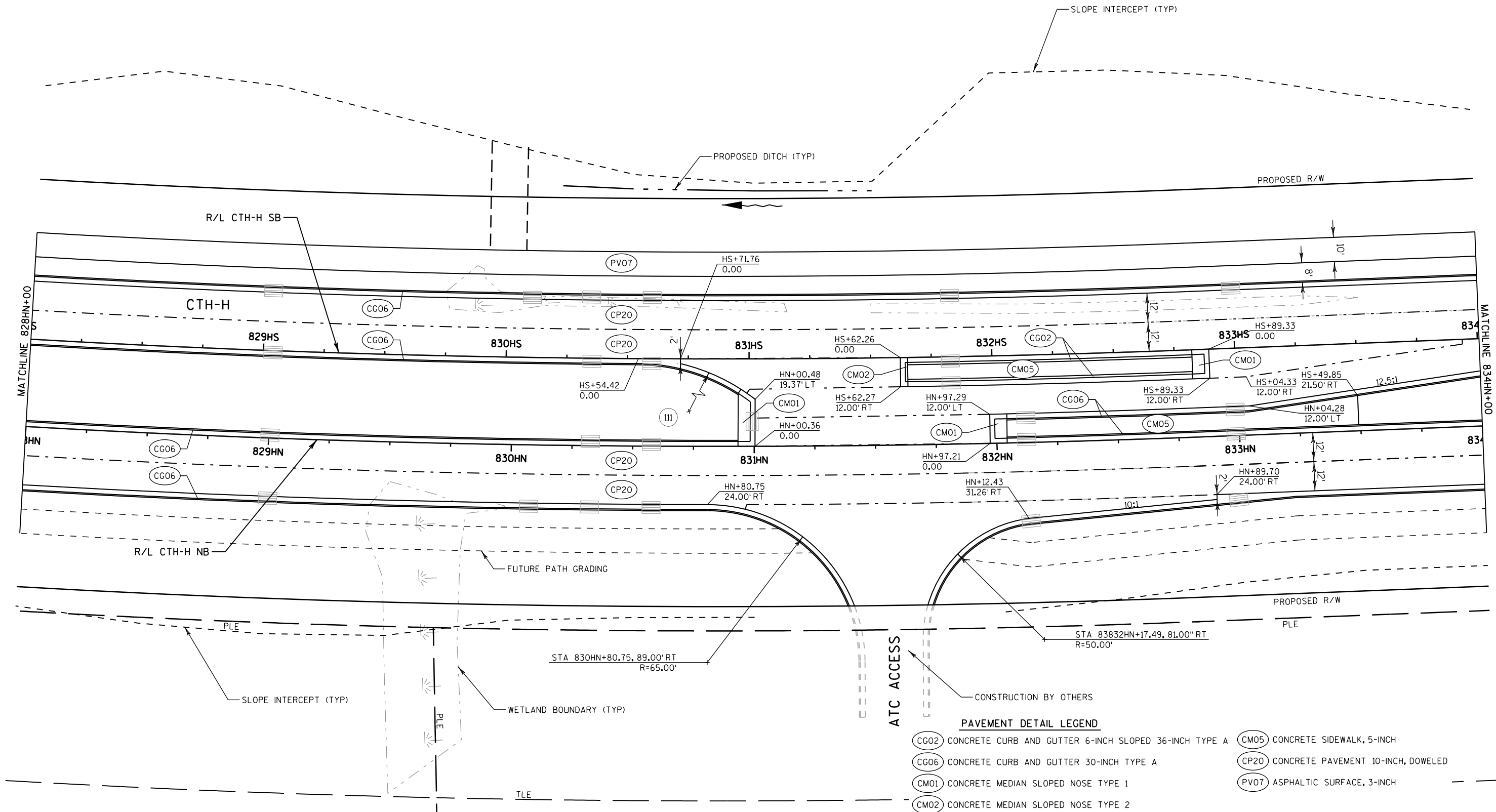
RADIUS TABLE (CENTER OF RADIUS)			
POINT	STATION	OFFSET	RADIUS
109	822HS+52.31	49.00'LT	75.00'
110	824HS+52.62	77.00'RT	75.00'



PAVEMENT DETAIL LEGEND

- CG02 CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE A
- CG06 CONCRETE CURB AND GUTTER 30-INCH TYPE A
- CM01 CONCRETE MEDIAN SLOPED NOSE TYPE 1
- CM05 CONCRETE SIDEWALK, 5-INCH
- CP20 CONCRETE PAVEMENT 10-INCH, DOWELED
- PV07 ASPHALTIC SURFACE, 3-INCH

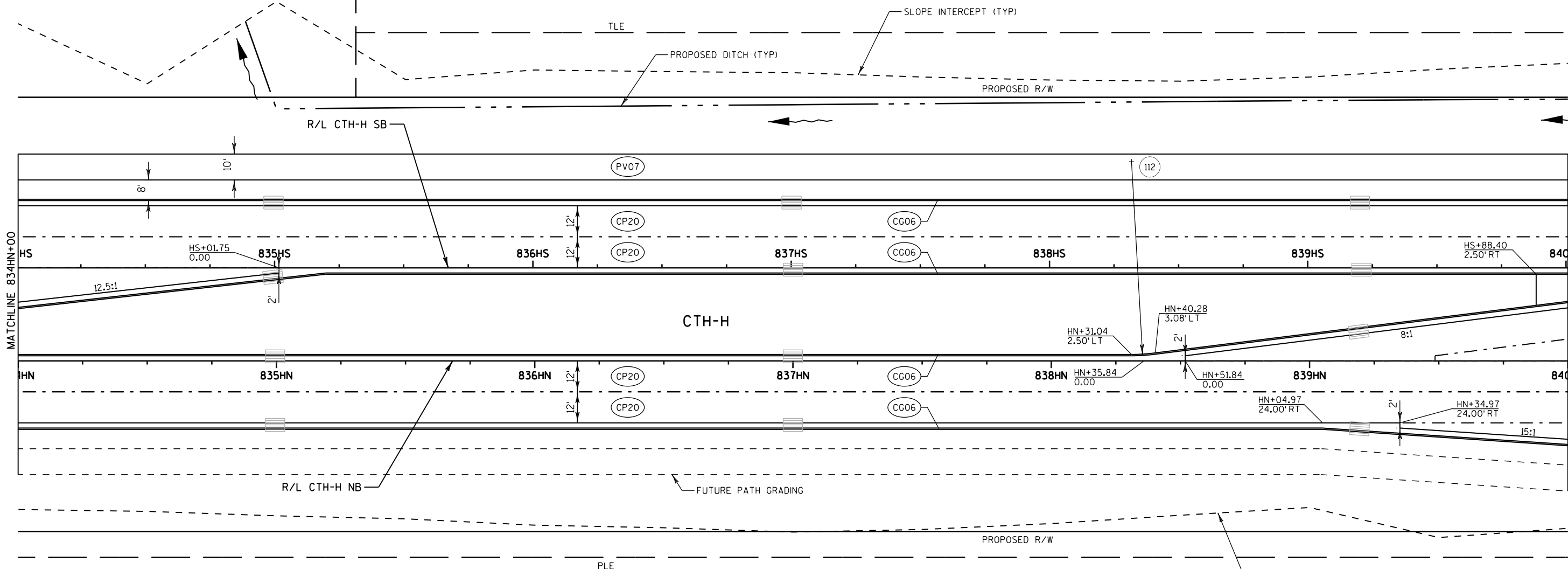
RADIUS TABLE (CENTER OF RADIUS)			
POINT	STATION	OFFSET	RADIUS
III	830HN+51.77	44.00' RT	80.00'



PAVEMENT DETAIL LEGEND

(CG02) CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE A	(CM05) CONCRETE SIDEWALK, 5-INCH
(CG06) CONCRETE CURB AND GUTTER 30-INCH TYPE A	(CP20) CONCRETE PAVEMENT 10-INCH, DOWELED
(CM01) CONCRETE MEDIAN SLOPED NOSE TYPE 1	(PV07) ASPHALTIC SURFACE, 3-INCH
(CM02) CONCRETE MEDIAN SLOPED NOSE TYPE 2	

RADIUS TABLE (CENTER OF RADIUS)			
POINT	STATION	OFFSET	RADIUS
112	838HS+31.76	41.00' LT	75.00'

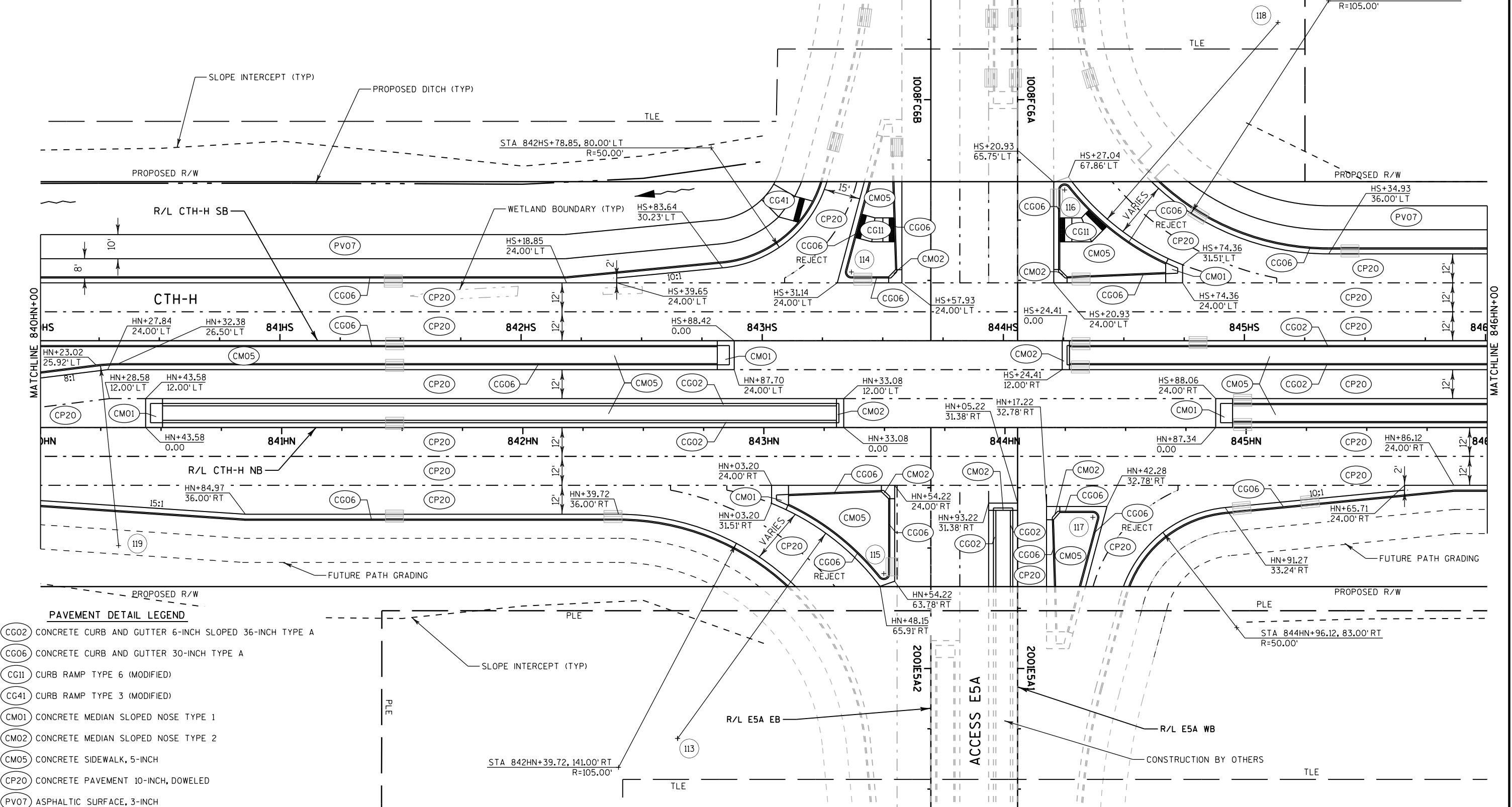


PAVEMENT DETAIL LEGEND

- CONCRETE CURB AND GUTTER 30-INCH TYPE A
- CONCRETE PAVEMENT 10-INCH, DOWELED
- ASPHALTIC SURFACE, 3-INCH

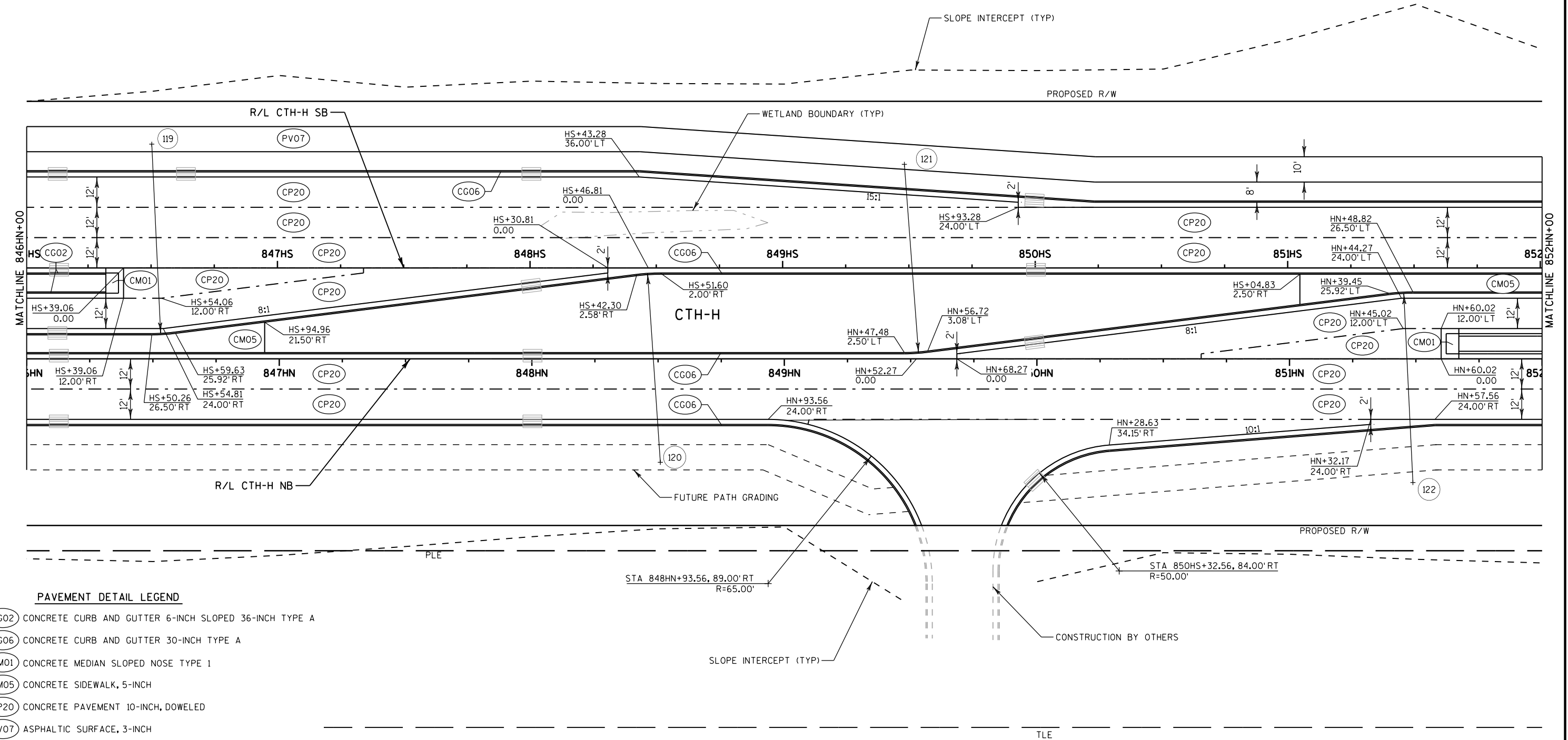
RADIUS TABLE (CENTER OF RADIUS)			
POINT	STATION	OFFSET	RADIUS
113	842HN+64.22	129.00' RT	105.00'
114*	843HS+37.00	28.50' LT	2.50'
115*	843HN+49.72	60.59' RT	2.50'
116*	844HS+25.43	62.54' LT	2.50'
117*	844HN+36.41	37.28' RT	2.50'
118	845HS+13.93	132.00' LT	108.00'

* RADIUS MEASURED TO FACE OF CURB



- PAVEMENT DETAIL LEGEND**
- (CG02) CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE A
 - (CG06) CONCRETE CURB AND GUTTER 30-INCH TYPE A
 - (CG11) CURB RAMP TYPE 6 (MODIFIED)
 - (CG41) CURB RAMP TYPE 3 (MODIFIED)
 - (CMO1) CONCRETE MEDIAN SLOPED NOSE TYPE 1
 - (CMO2) CONCRETE MEDIAN SLOPED NOSE TYPE 2
 - (CMO5) CONCRETE SIDEWALK, 5-INCH
 - (CP20) CONCRETE PAVEMENT 10-INCH, DOWELED
 - (PV07) ASPHALTIC SURFACE, 3-INCH

RADIUS TABLE (CENTER OF RADIUS)			
POINT	STATION	OFFSET	RADIUS
119	846HS+50.26	49.00' LT	75.00'
120	848HS+51.60	77.00' RT	75.00'
121	849HN+47.48	77.00' LT	75.00'
122	851HN+48.82	49.00' RT	75.00'

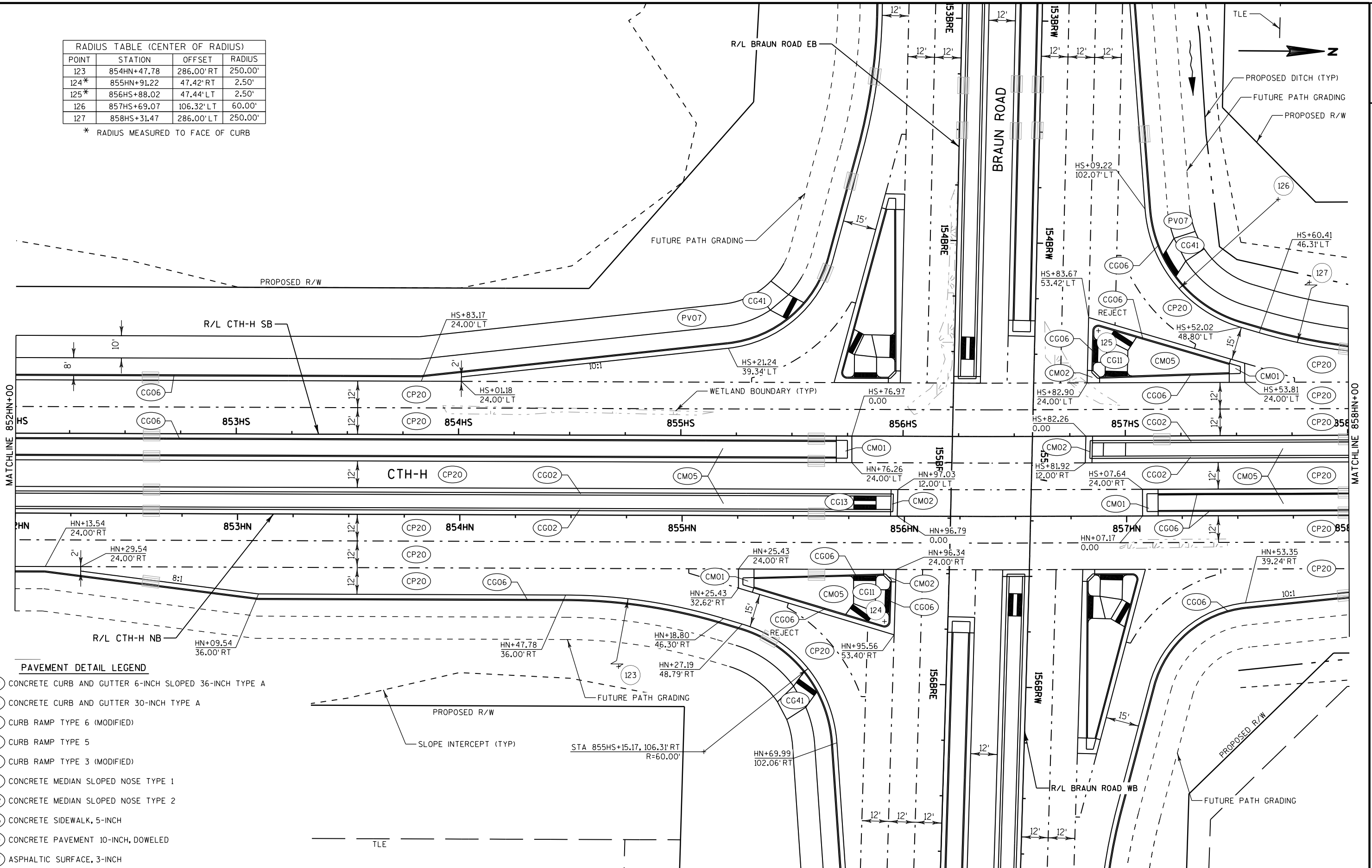


PAVEMENT DETAIL LEGEND

- CG02 CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE A
- CG06 CONCRETE CURB AND GUTTER 30-INCH TYPE A
- CM01 CONCRETE MEDIAN SLOPED NOSE TYPE 1
- CM05 CONCRETE SIDEWALK, 5-INCH
- CP20 CONCRETE PAVEMENT 10-INCH, DOWELED
- PV07 ASPHALTIC SURFACE, 3-INCH

RADIUS TABLE (CENTER OF RADIUS)			
POINT	STATION	OFFSET	RADIUS
123	854HN+47.78	286.00' RT	250.00'
124*	855HN+91.22	47.42' RT	2.50'
125*	856HS+88.02	47.44' LT	2.50'
126	857HS+69.07	106.32' LT	60.00'
127	858HS+31.47	286.00' LT	250.00'

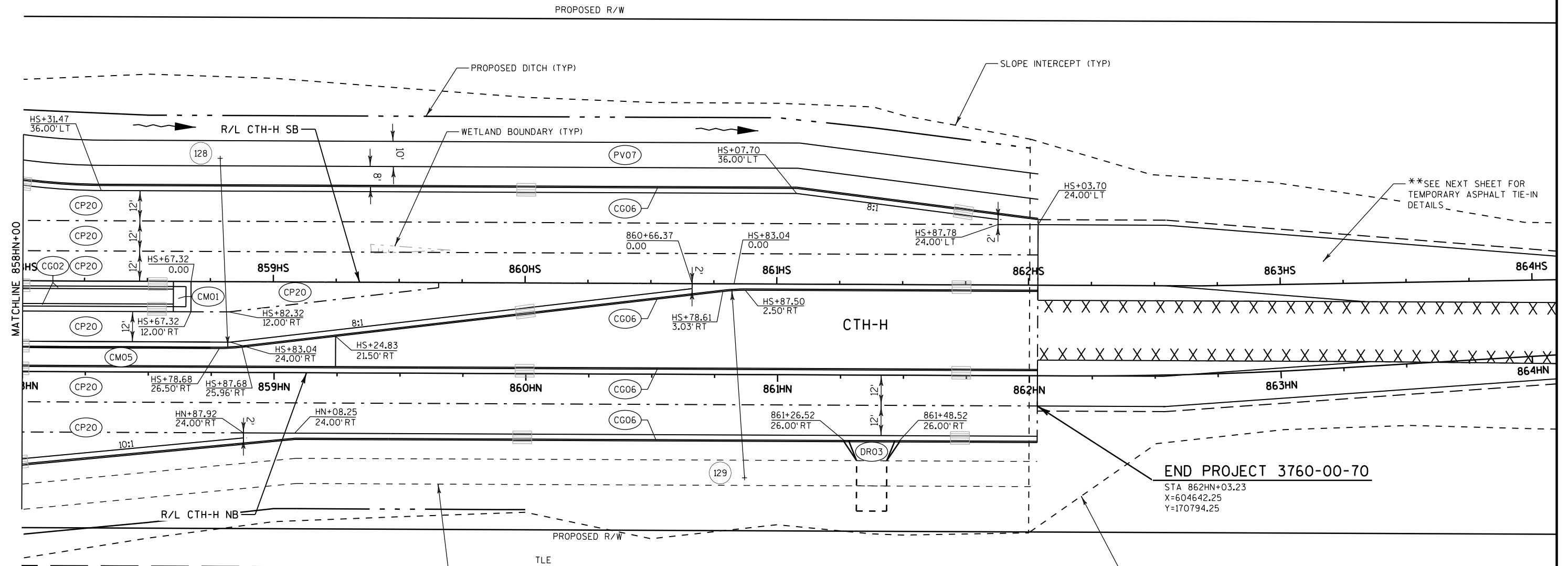
* RADIUS MEASURED TO FACE OF CURB



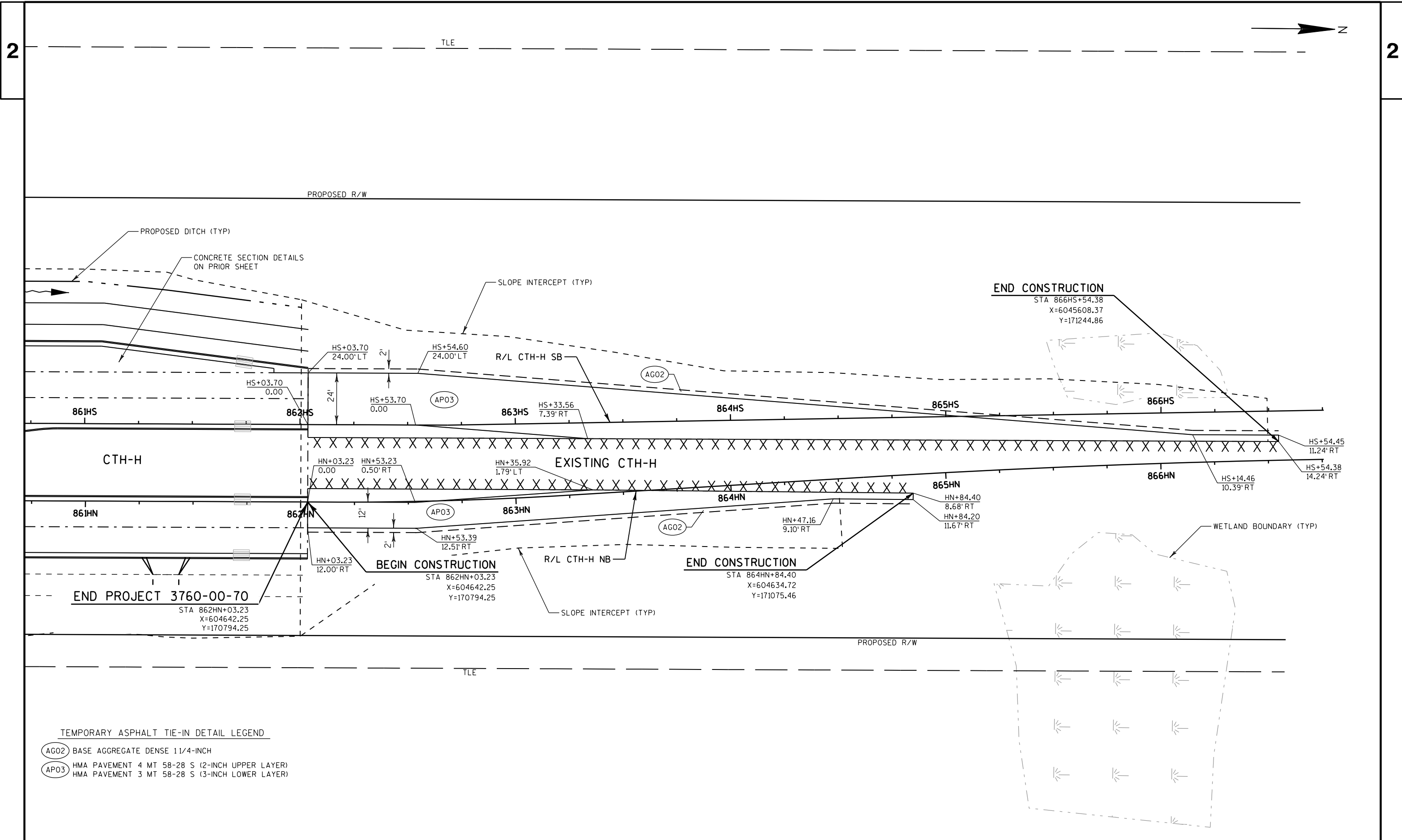
PAVEMENT DETAIL LEGEND

- CG02 CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE A
- CG06 CONCRETE CURB AND GUTTER 30-INCH TYPE A
- CG11 CURB RAMP TYPE 6 (MODIFIED)
- CG13 CURB RAMP TYPE 5
- CG41 CURB RAMP TYPE 3 (MODIFIED)
- CM01 CONCRETE MEDIAN SLOPED NOSE TYPE 1
- CM02 CONCRETE MEDIAN SLOPED NOSE TYPE 2
- CM05 CONCRETE SIDEWALK, 5-INCH
- CP20 CONCRETE PAVEMENT 10-INCH, DOWELED
- PV07 ASPHALTIC SURFACE, 3-INCH

RADIUS TABLE (CENTER OF RADIUS)			
POINT	STATION	OFFSET	RADIUS
128	858HS+78.68	49.00' LT	75.00'
129	860HS+87.53	77.00' RT	75.00'



- PAVEMENT DETAIL LEGEND**
- (CG02) CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE A
 - (CG06) CONCRETE CURB AND GUTTER 30-INCH TYPE A
 - (CM01) CONCRETE MEDIAN SLOPED NOSE TYPE 1
 - (CM05) CONCRETE SIDEWALK, 5-INCH
 - (CP20) CONCRETE PAVEMENT 10-INCH, DOWELED
 - (DR03) ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES, 3-INCH
 - (PV07) ASPHALTIC SURFACE, 3-INCH



TEMPORARY ASPHALT TIE-IN DETAIL LEGEND

- AG02 BASE AGGREGATE DENSE 1 1/4-INCH
- APO3 HMA PAVEMENT 4 MT 58-28 S (2-INCH UPPER LAYER)
HMA PAVEMENT 3 MT 58-28 S (3-INCH LOWER LAYER)

PAVEMENT DETAIL LEGEND

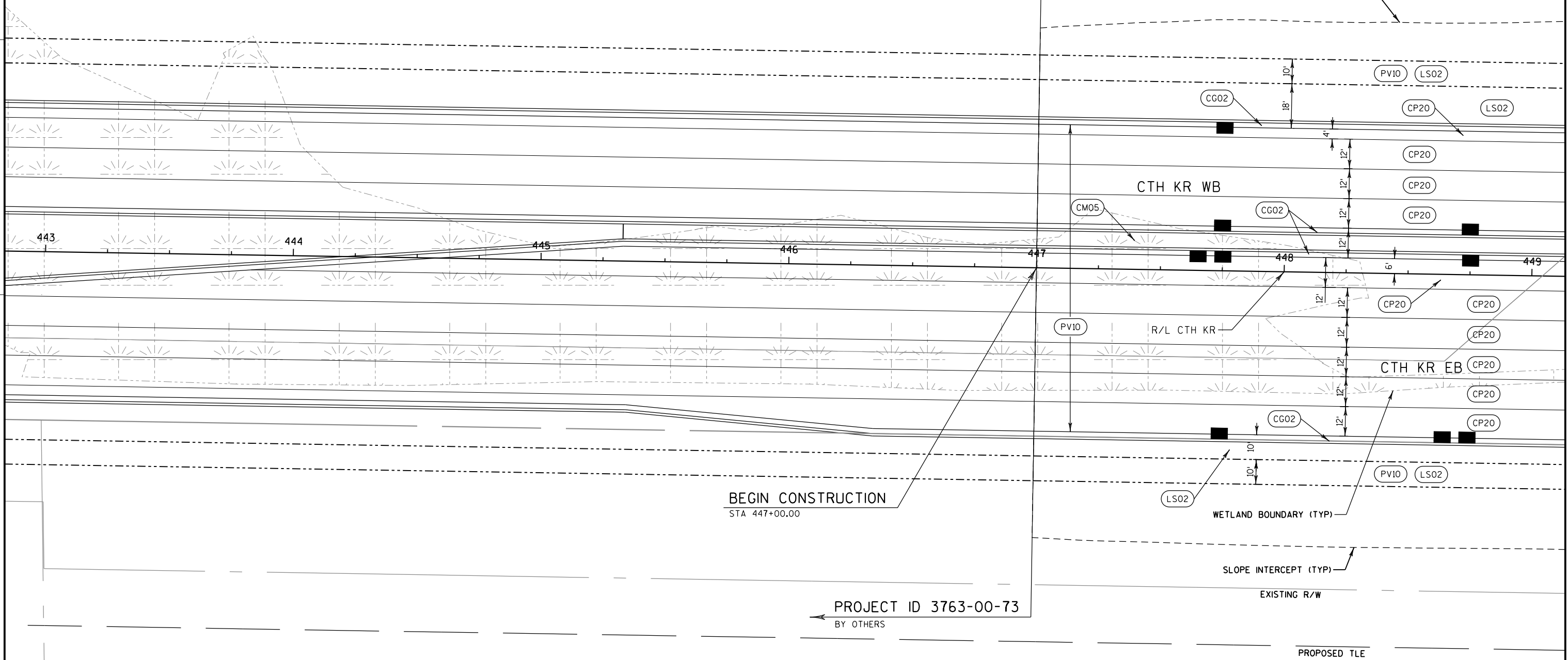
- CG02 CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE A
- CM05 CONCRETE SIDEWALK, 5-INCH
- CP20 CONCRETE PAVEMENT 10-INCH, DOWELED
- LS02 TOPSOIL SPECIAL, FERTILIZER, SEED AND EROSION MAT
- PV01 DRILLED DOWEL BAR
- PV10 FUTURE PATH BY OTHERS



PROJECT ID 3763-00-73
BY OTHERS

PROPOSED R/W

SLOPE INTERCEPT (TYP)



BEGIN CONSTRUCTION
STA 447+00.00

PROJECT ID 3763-00-73
BY OTHERS

WETLAND BOUNDARY (TYP)

SLOPE INTERCEPT (TYP)

EXISTING R/W

PROPOSED TLE

PAVEMENT DETAIL LEGEND

- CG02 CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE A
- CG03 CURB RAMP TYPE 2
- CG06 CONCRETE CURB AND GUTTER 30-INCH TYPE A
- CG07 CURB RAMP TYPE 5
- CM01 CONCRETE MEDIAN SLOPED NOSE TYPE 1
- CM05 CONCRETE SIDEWALK, 5-INCH
- CP20 CONCRETE PAVEMENT 10-INCH, DOWELED
- LS02 TOPSOIL SPECIAL, FERTILIZER, SEED & EROSION MAT
- PV10 FUTURE PATH BY OTHERS

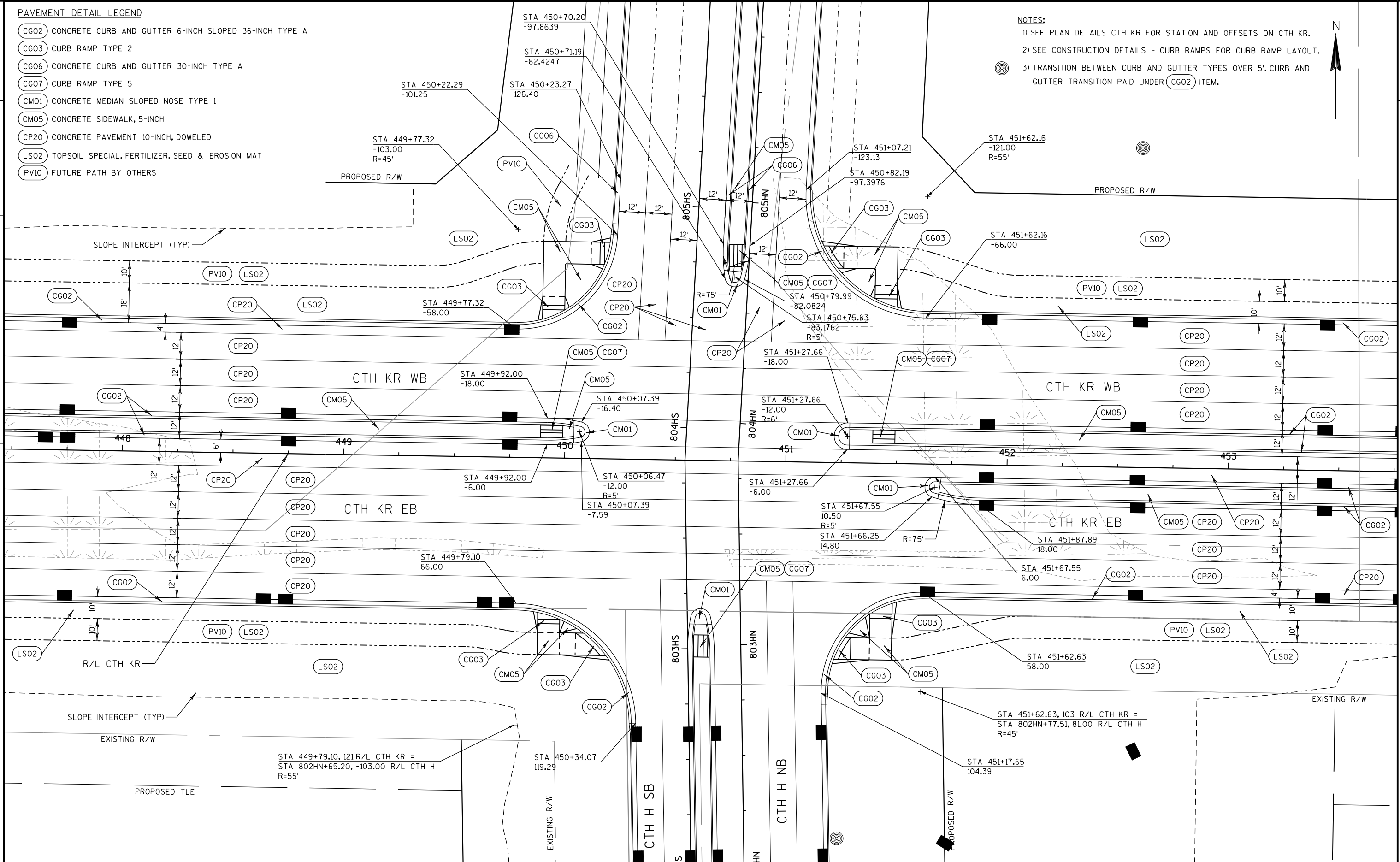
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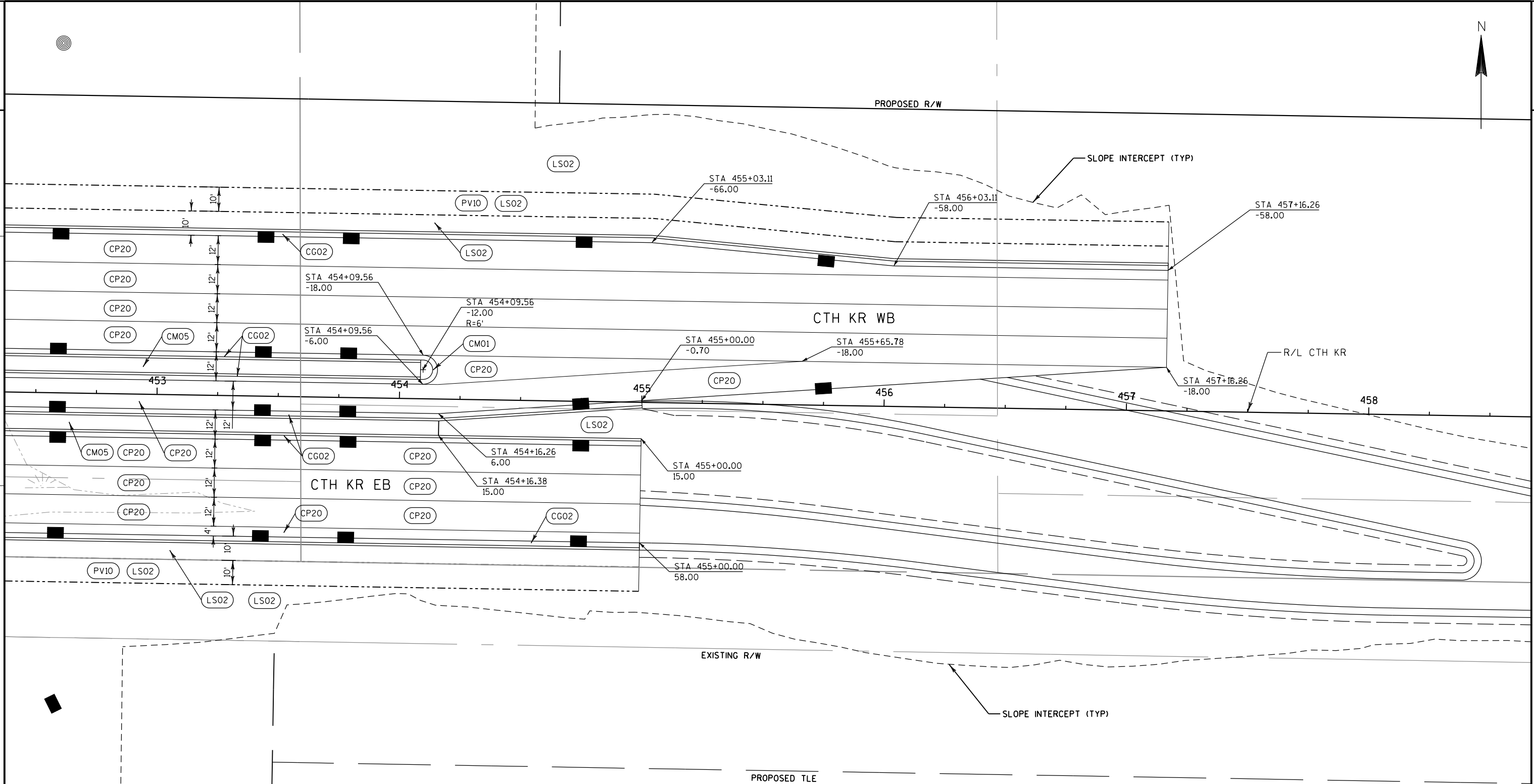
- 1) SEE PLAN DETAILS CTH KR FOR STATION AND OFFSETS ON CTH KR.
- 2) SEE CONSTRUCTION DETAILS - CURB RAMPS FOR CURB RAMP LAYOUT.
- 3) TRANSITION BETWEEN CURB AND GUTTER TYPES OVER 5'. CURB AND GUTTER TRANSITION PAID UNDER CG02 ITEM.



2

2



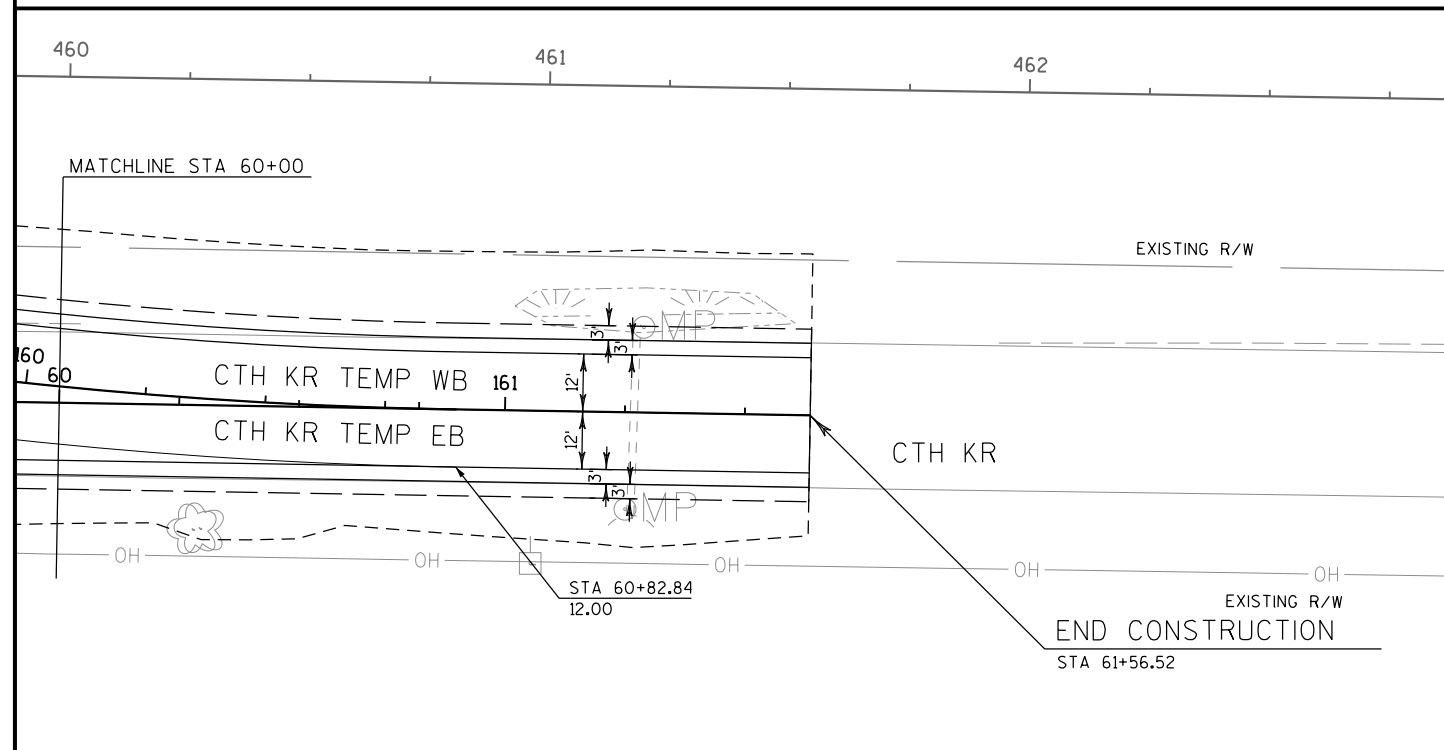
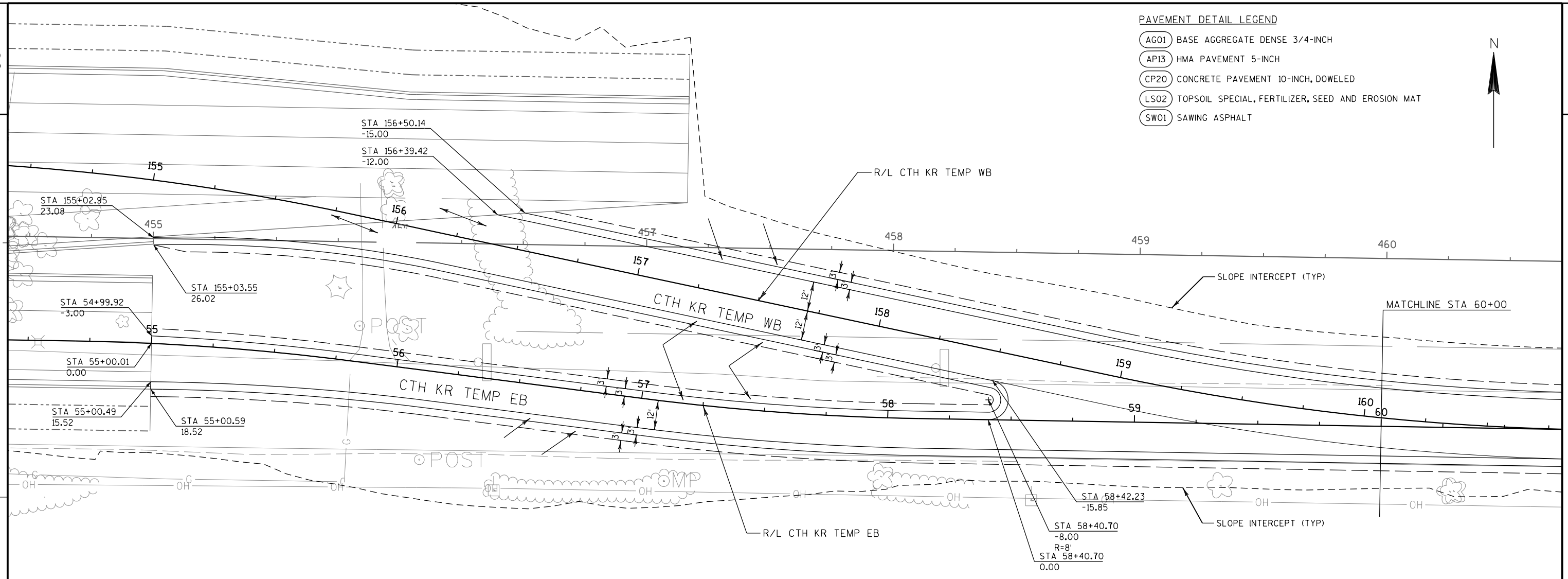


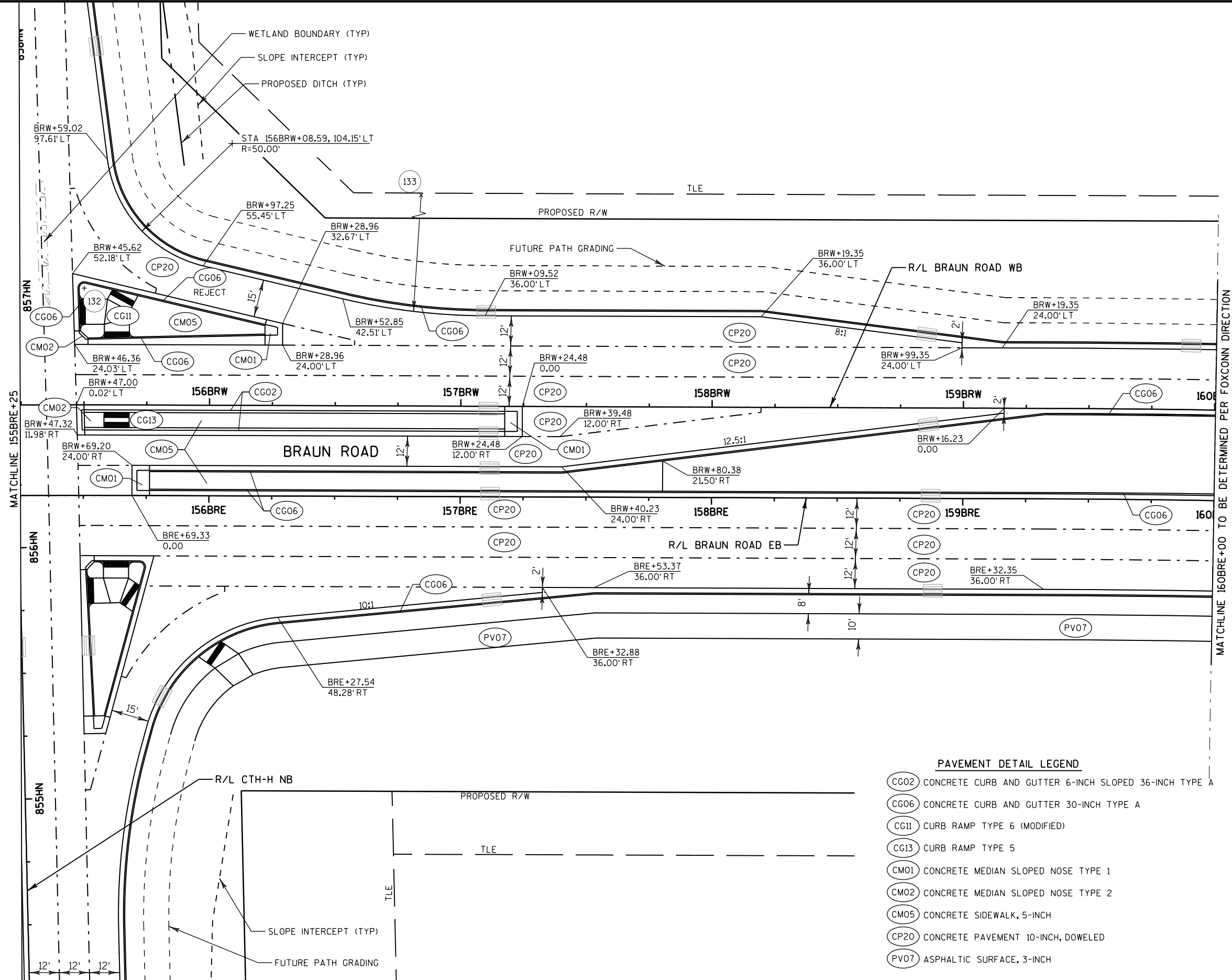
PAVEMENT DETAIL LEGEND

CG02	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE A
CM01	CONCRETE MEDIAN SLOPED NOSE TYPE 1
CM05	CONCRETE SIDEWALK, 5-INCH
CP20	CONCRETE PAVEMENT 10-INCH, DOWELED
LS02	TOPSOIL SPECIAL, FERTILIZER, SEED & EROSION MAT
PV10	FUTURE PATH BY OTHERS

PAVEMENT DETAIL LEGEND

- AG01 BASE AGGREGATE DENSE 3/4-INCH
- API3 HMA PAVEMENT 5-INCH
- CP20 CONCRETE PAVEMENT 10-INCH, DOWELED
- LS02 TOPSOIL SPECIAL, FERTILIZER, SEED AND EROSION MAT
- SW01 SAWING ASPHALT





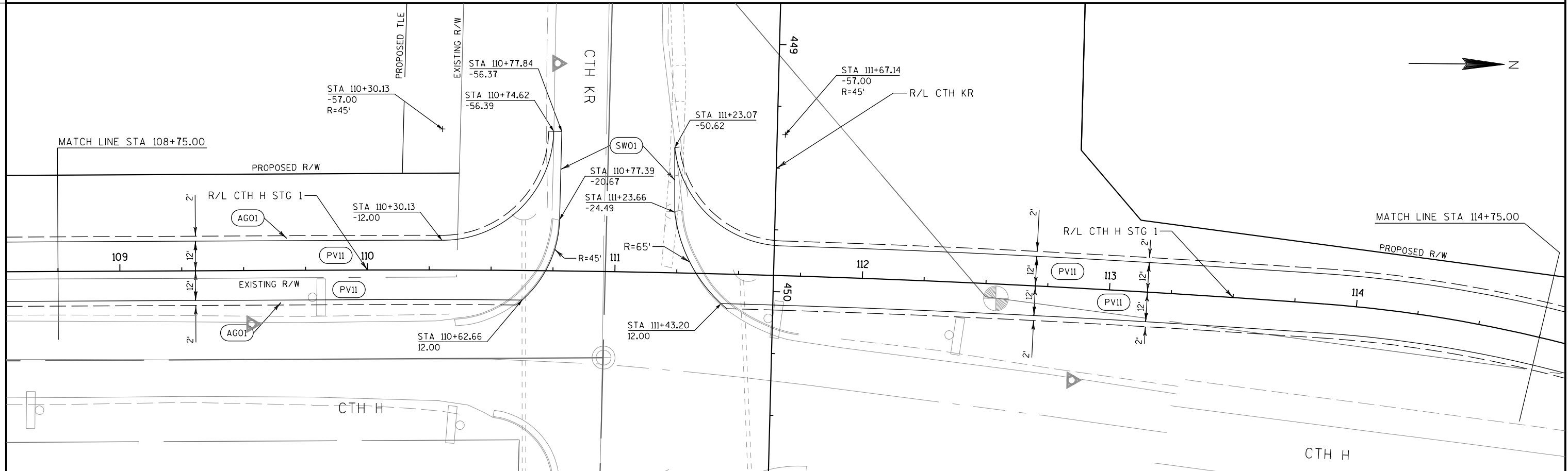
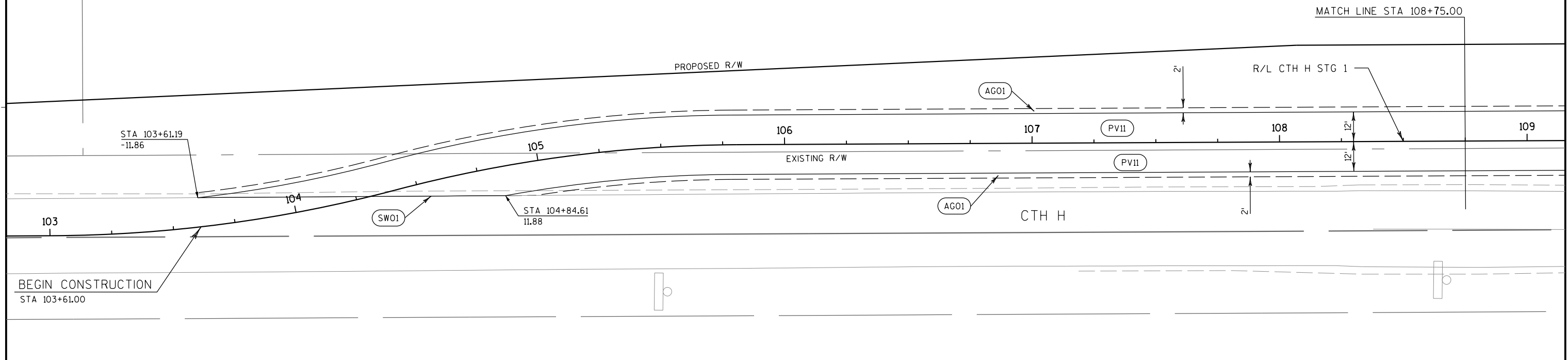
- PAVEMENT DETAIL LEGEND**
- CG02 CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE A
 - CG06 CONCRETE CURB AND GUTTER 30-INCH TYPE A
 - CG11 CURB RAMP TYPE 6 (MODIFIED)
 - CG13 CURB RAMP TYPE 5
 - CM01 CONCRETE MEDIAN SLOPED NOSE TYPE 1
 - CM02 CONCRETE MEDIAN SLOPED NOSE TYPE 2
 - CM05 CONCRETE SIDEWALK, 5-INCH
 - CP20 CONCRETE PAVEMENT 10-INCH, DOWELED
 - PV07 ASPHALTIC SURFACE, 3-INCH

RADIUS TABLE (CENTER OF RADIUS)			
POINT	STATION	OFFSET	RADIUS
132*	155BRW+50.27	46.44'LT	2.50'
133	157BRW+09.53	286.00'LT	250.00'

* RADIUS MEASURED TO FACE OF CURB

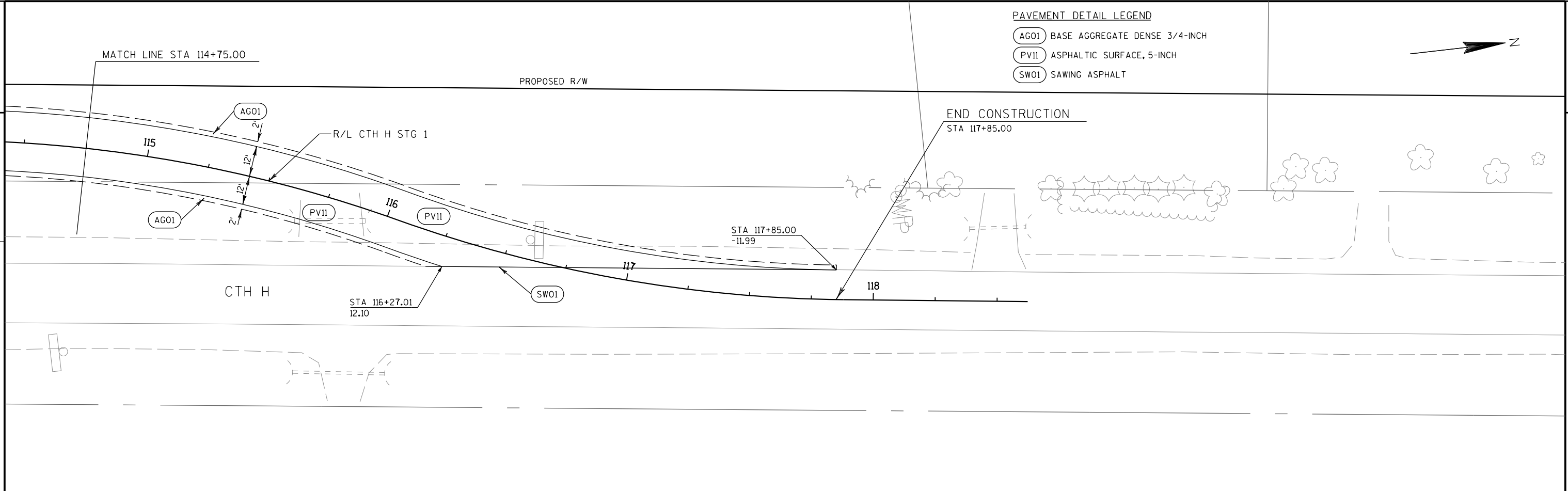
PAVEMENT DETAIL LEGEND

- AG01 BASE AGGREGATE DENSE 3/4-INCH
- PV11 ASPHALTIC SURFACE, 5-INCH
- SW01 SAWING ASPHALT



PAVEMENT DETAIL LEGEND

- AG01 BASE AGGREGATE DENSE 3/4-INCH
- PV11 ASPHALTIC SURFACE, 5-INCH
- SW01 SAWING ASPHALT



NOTES:

- 1) CURB AND GUTTER GRADES ARE GIVEN TO THE FLANGE OF CURB AND GUTTER.
- 2) PAVING GRADES ARE SHOWN AT 25' INTERVALS BASED ON REFERENCE LINES FOR EACH DIRECTION OF TRAFFIC ALONG DIVIDED ROADWAYS.
- 3) SEE "CONSTRUCTION DETAILS - CURB RAMPS" FOR CURB RAMP AND SIDEWALK INFORMATION.



LEGEND

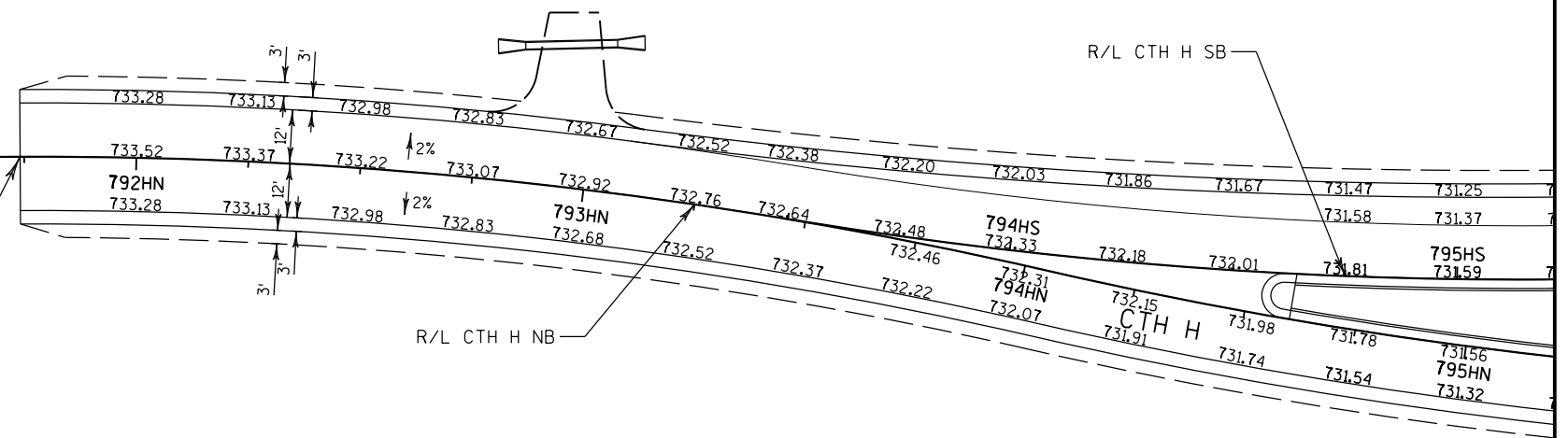
XXX.XX = SPOT ELEVATION

789HN

790HN

791HN

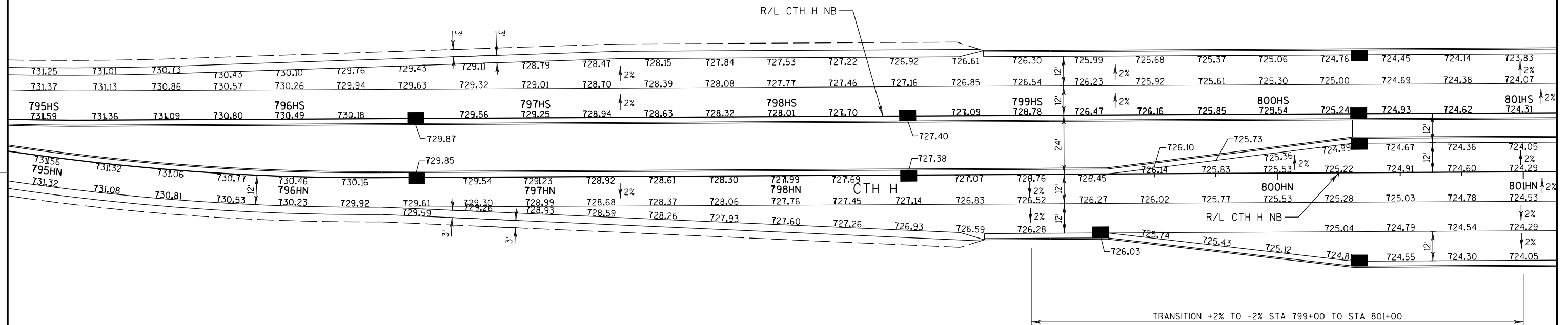
BEGIN PROJECT
 STA 791HN+74.06



- NOTES:**
- 1) CURB AND GUTTER GRADES ARE GIVEN TO THE FLANGE OF CURB AND GUTTER.
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 - 3) SEE "CONSTRUCTION DETAILS - CURB RAMPS" FOR CURB RAMP AND SIDEWALK INFORMATION.



LEGEND
 XXX.XX = SPOT ELEVATION

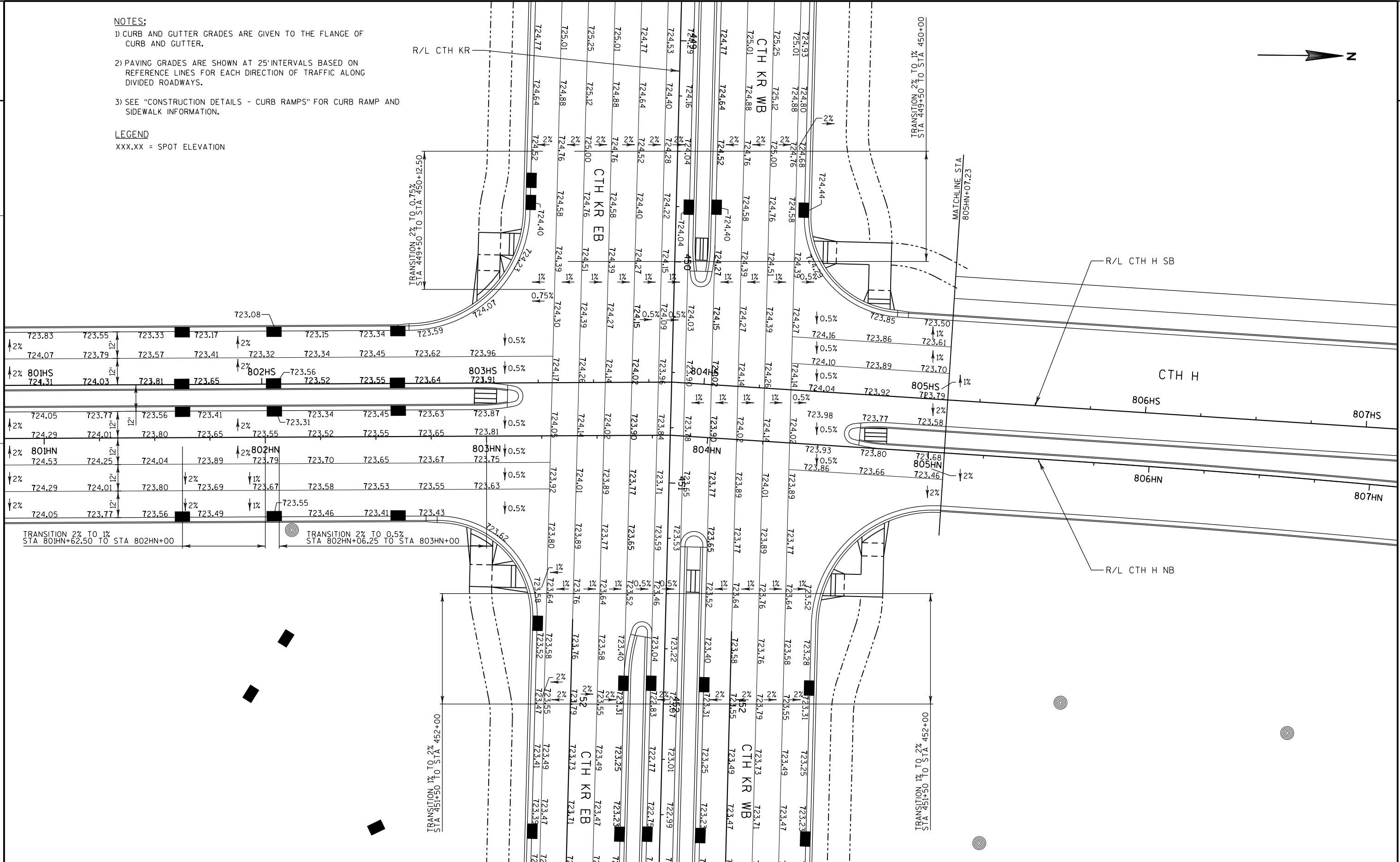


NOTES:

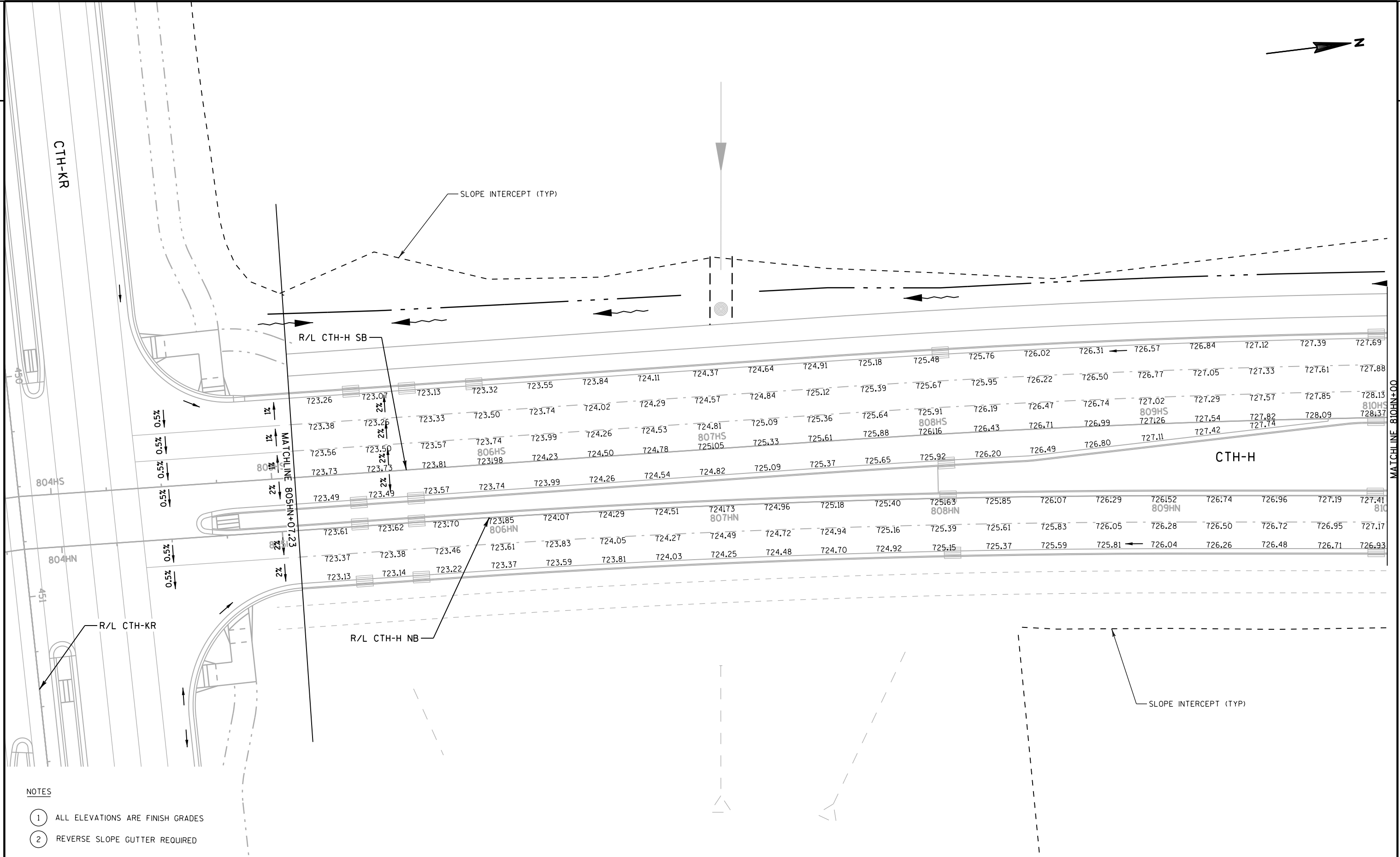
- 1) CURB AND GUTTER GRADES ARE GIVEN TO THE FLANGE OF CURB AND GUTTER.
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- 3) SEE "CONSTRUCTION DETAILS - CURB RAMPS" FOR CURB RAMP AND SIDEWALK INFORMATION.

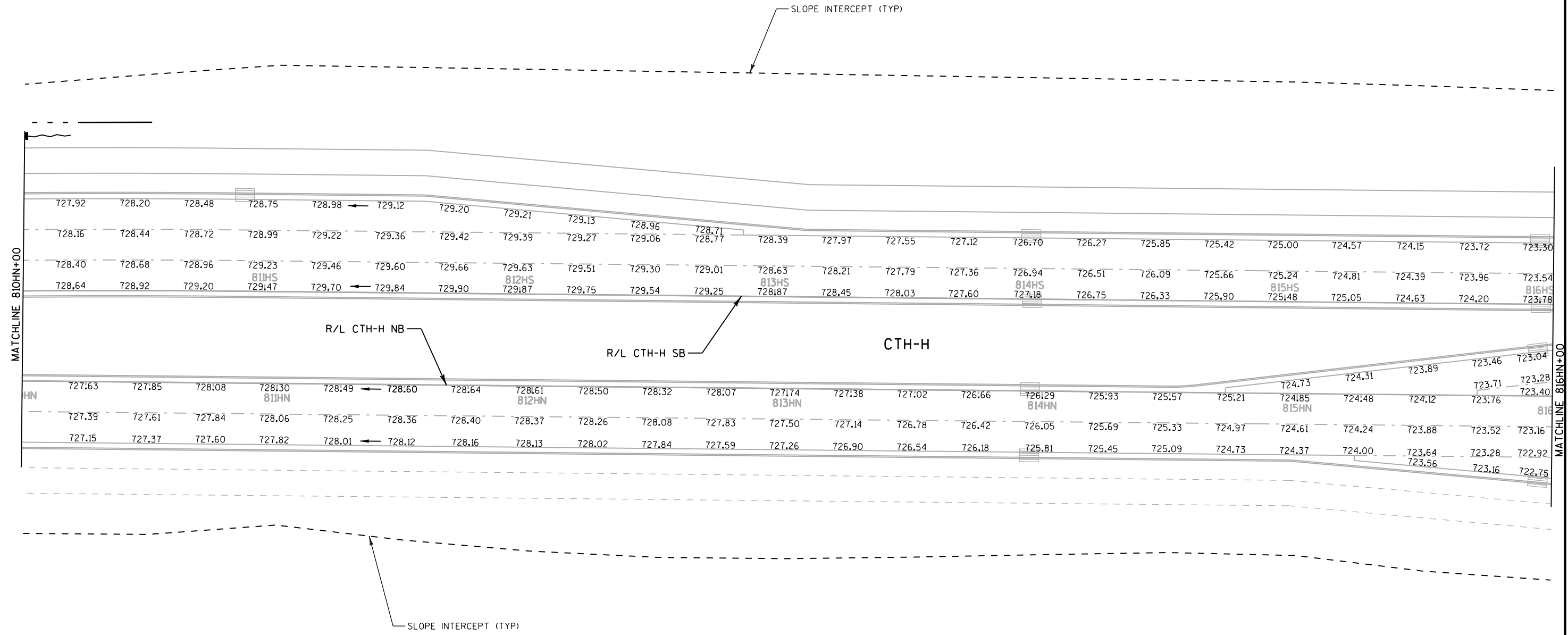
LEGEND

XXX.XX = SPOT ELEVATION



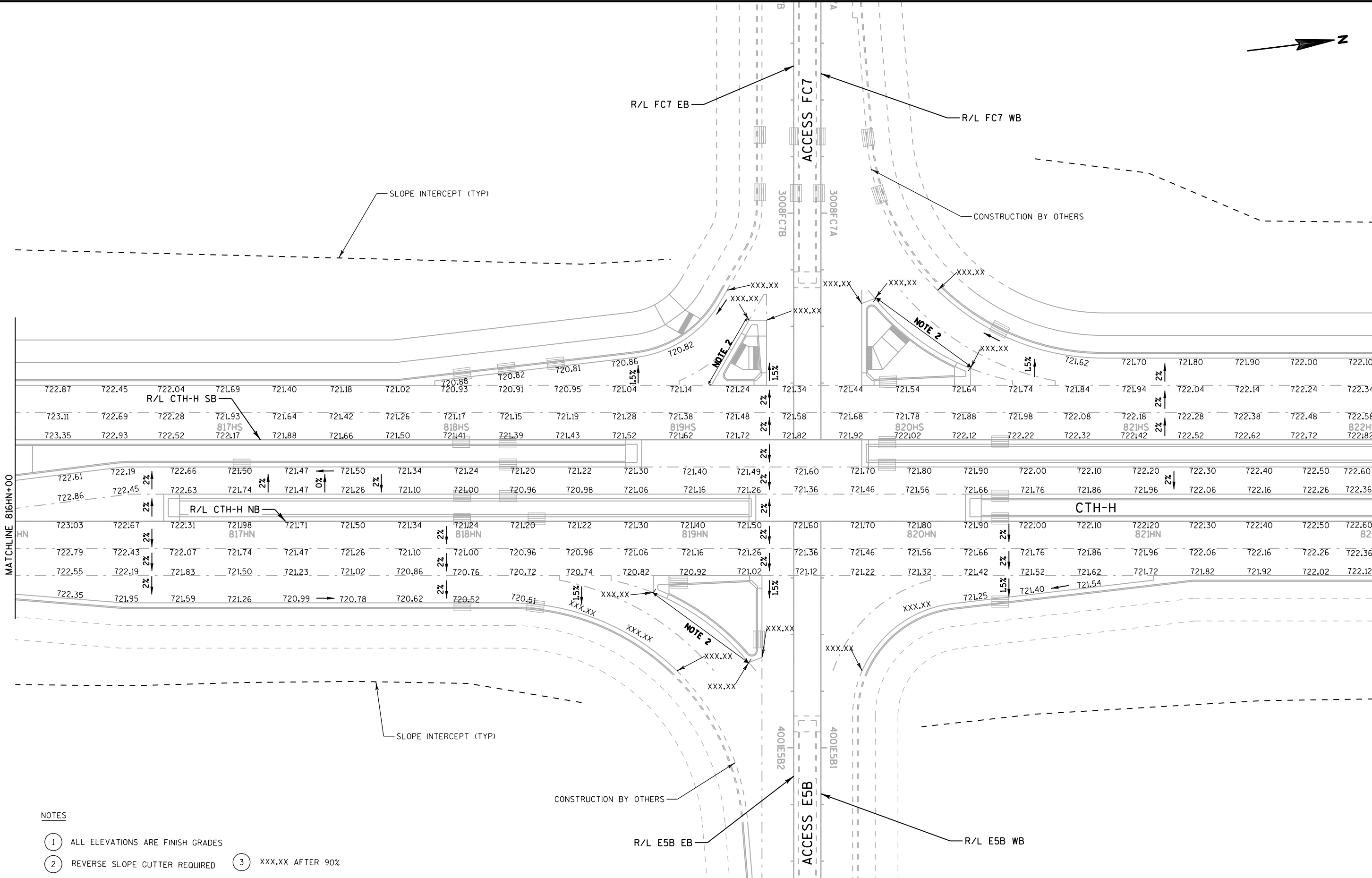
PROJECT NO: 3760-00-70	HWY: CTH H	COUNTY: RACINE	PAVING GRADES	SHEET	E
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NOTES

- ① ALL ELEVATIONS ARE FINISH GRADES
- ② REVERSE SLOPE GUTTER REQUIRED

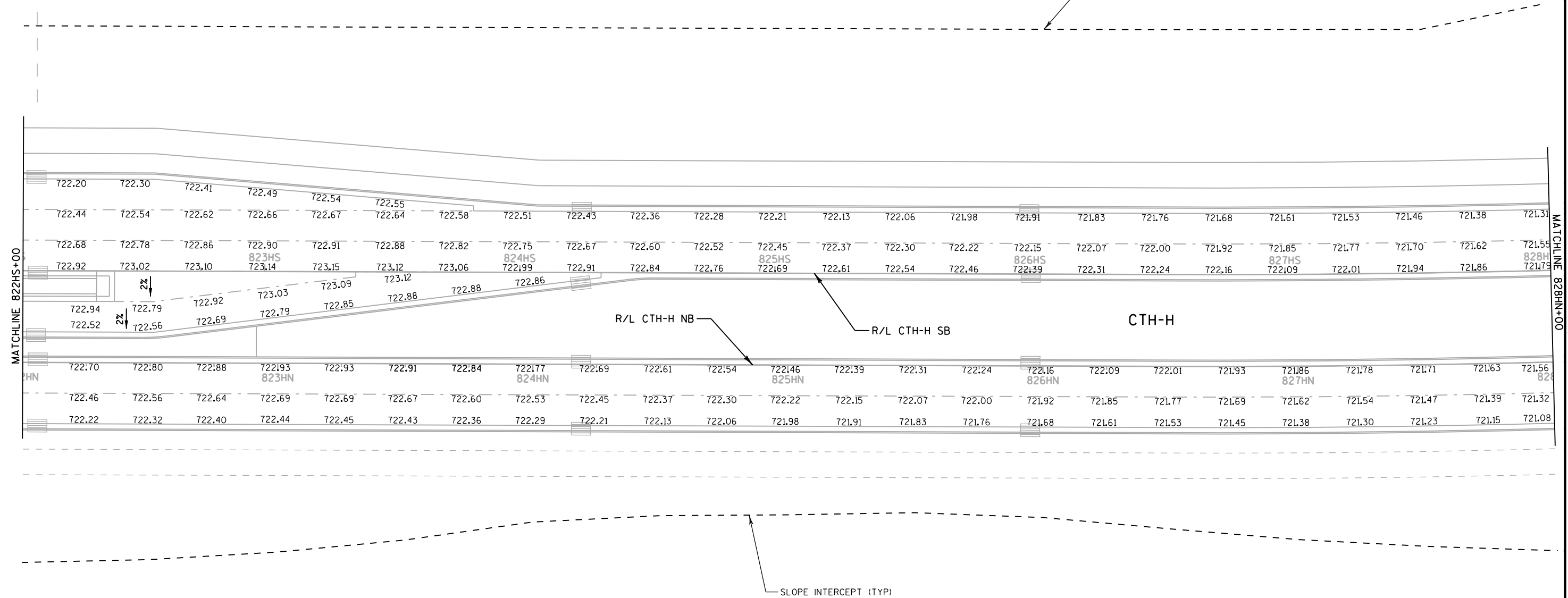


NOTES

- 1 ALL ELEVATIONS ARE FINISH GRADES
- 2 REVERSE SLOPE GUTTER REQUIRED
- 3 XXX.XX AFTER 90°

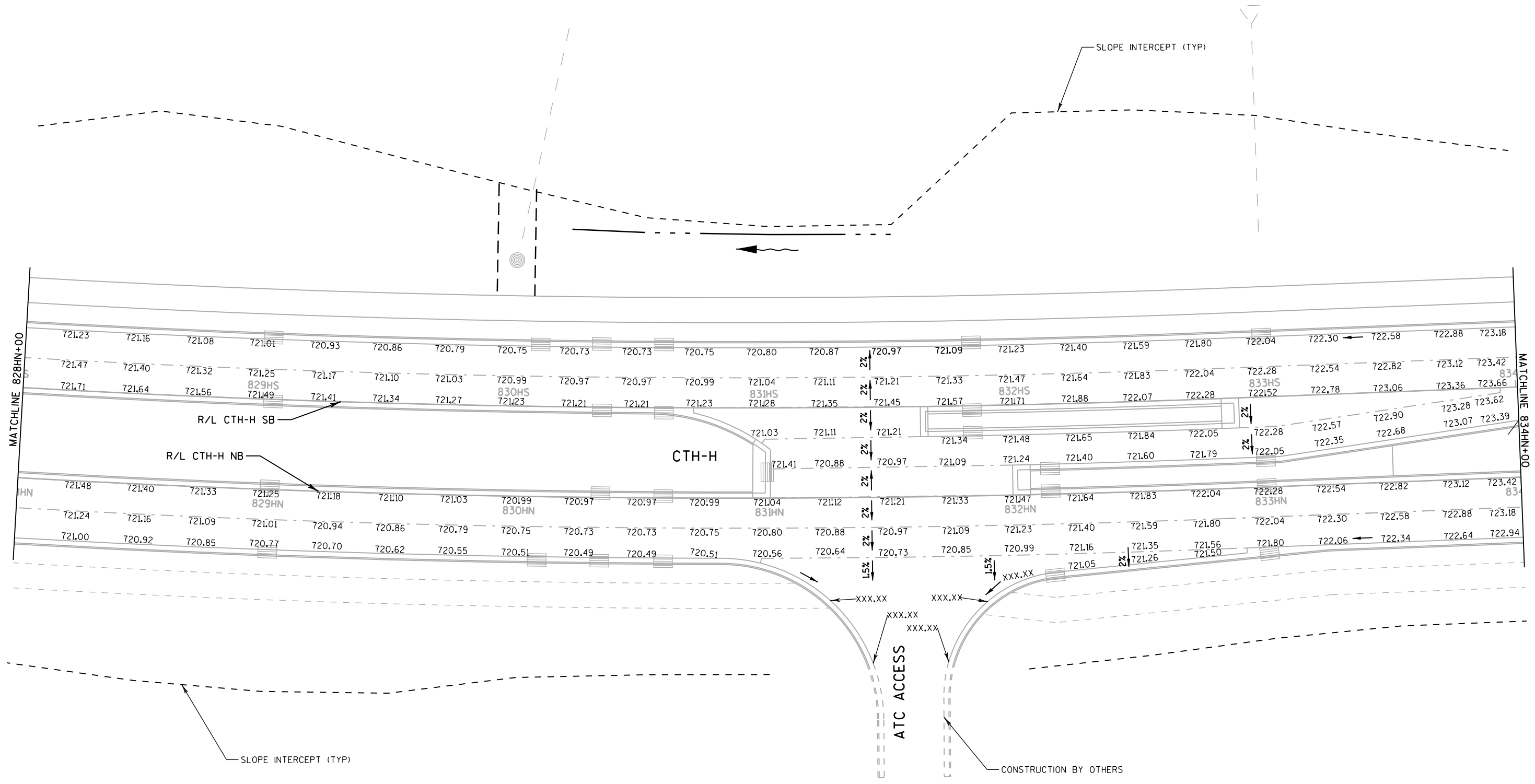


SLOPE INTERCEPT (TYP)

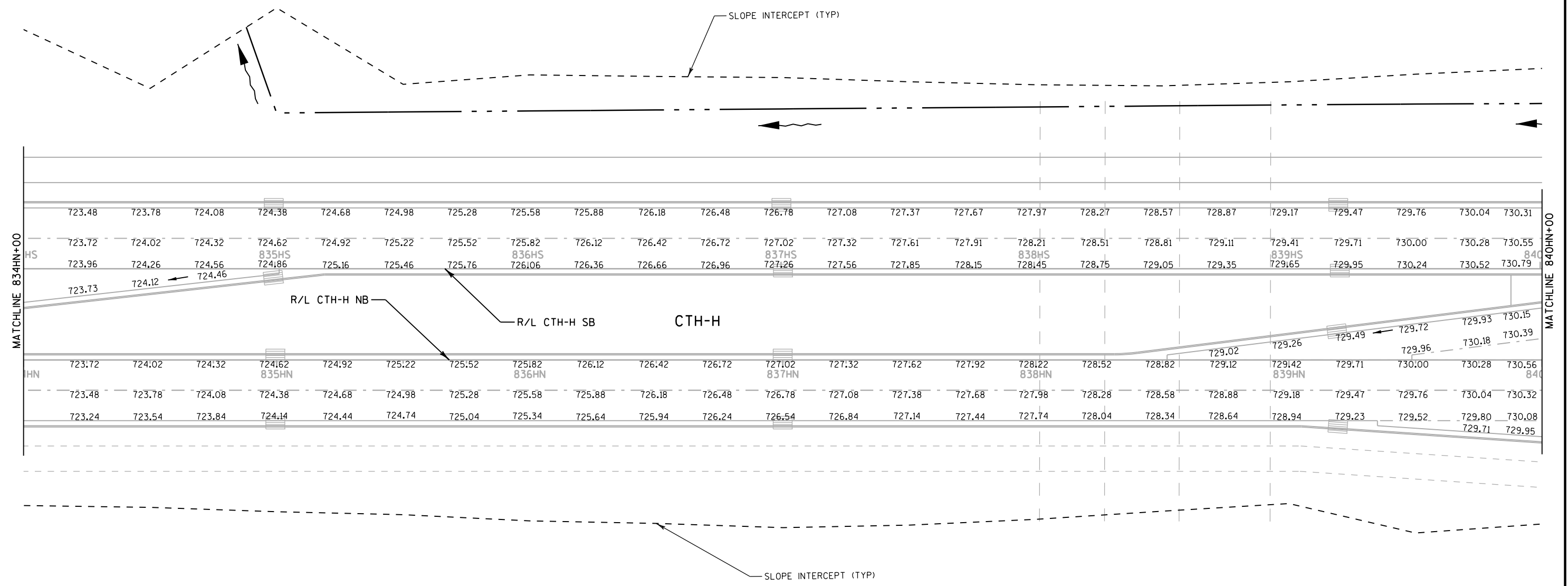


NOTES

- ① ALL ELEVATIONS ARE FINISH GRADES
- ② REVERSE SLOPE GUTTER REQUIRED



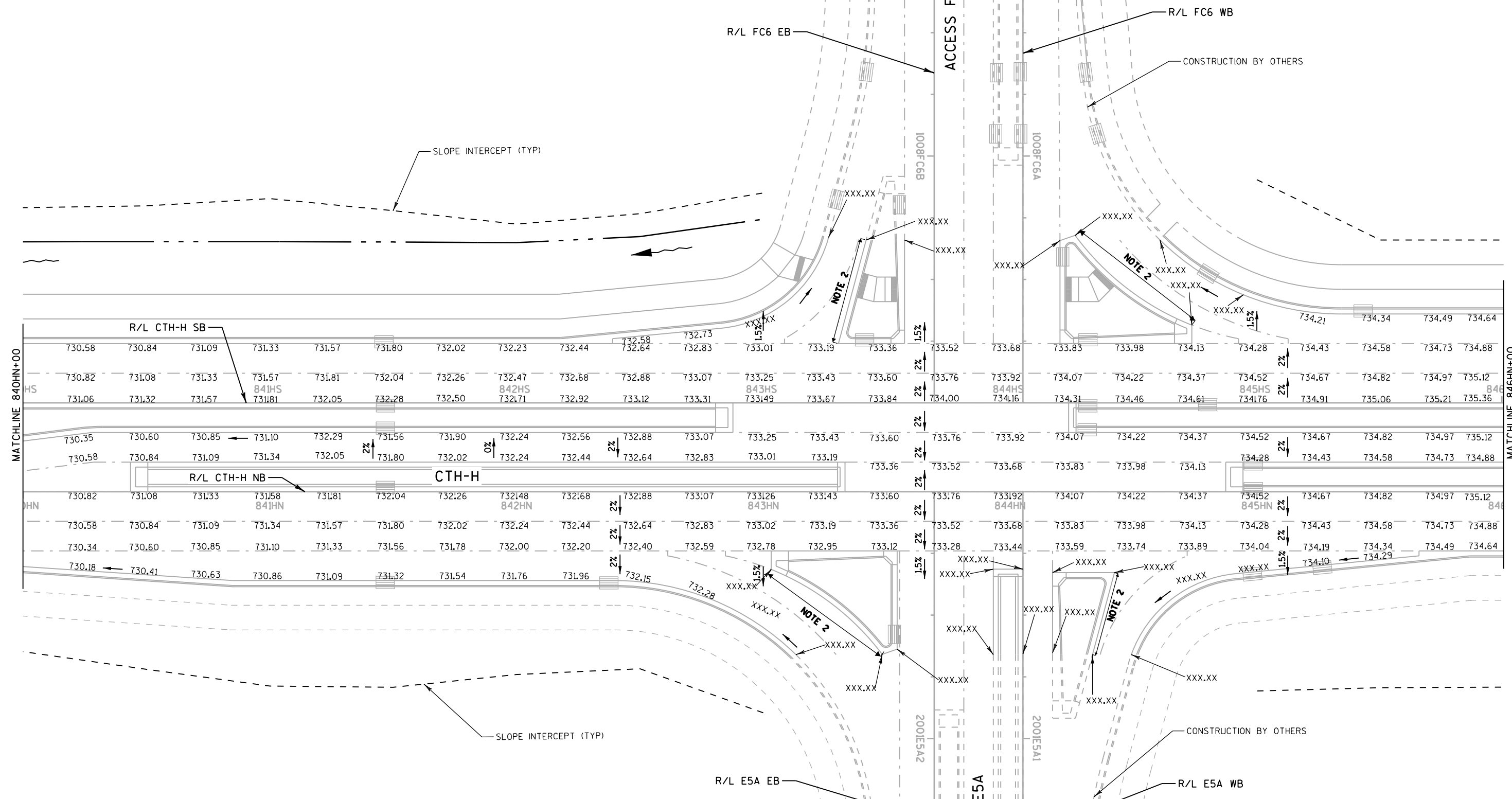
- NOTES
- ① ALL ELEVATIONS ARE FINISH GRADES
 - ② REVERSE SLOPE GUTTER REQUIRED



NOTES

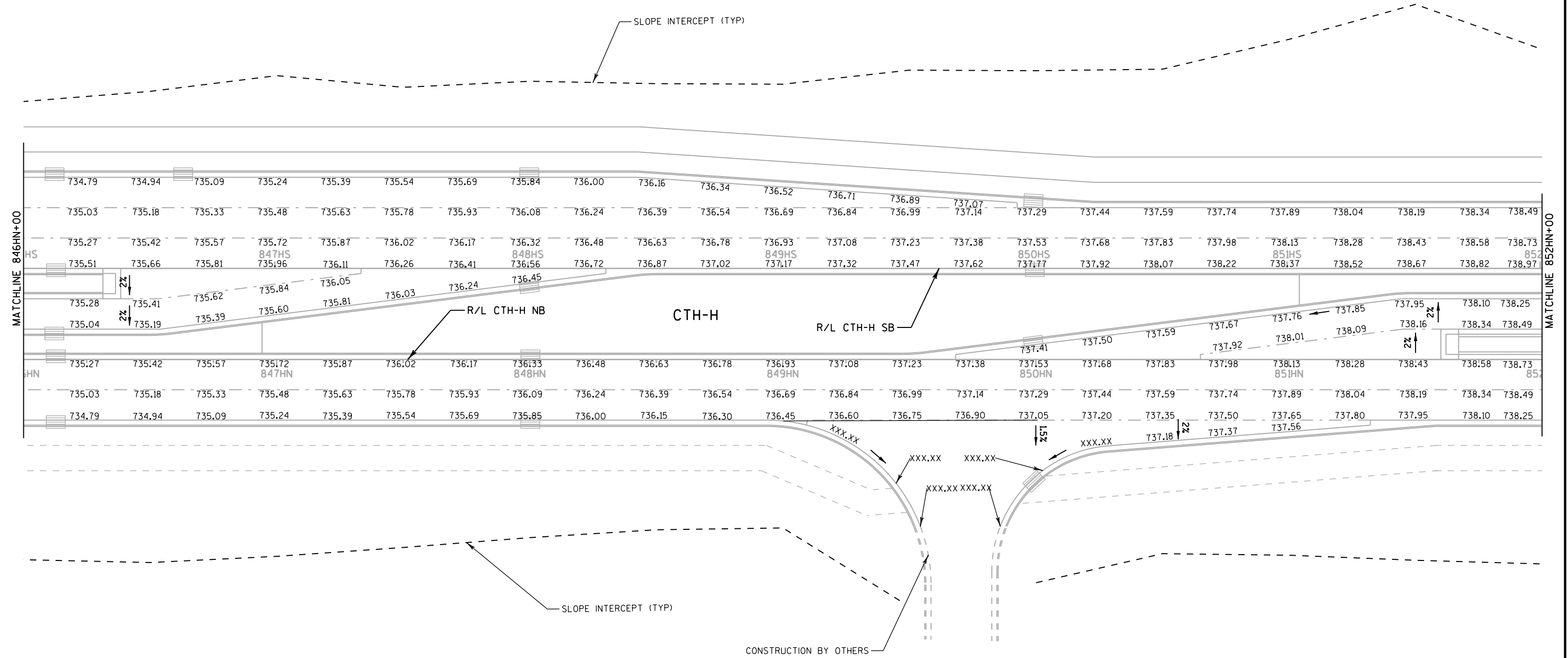
- ① ALL ELEVATIONS ARE FINISH GRADES
- ② REVERSE SLOPE GUTTER REQUIRED

PROJECT NO: 3760-00-70	HWY: CTH H	COUNTY: RACINE	PAVING GRADES - CTH H	SHEET	E
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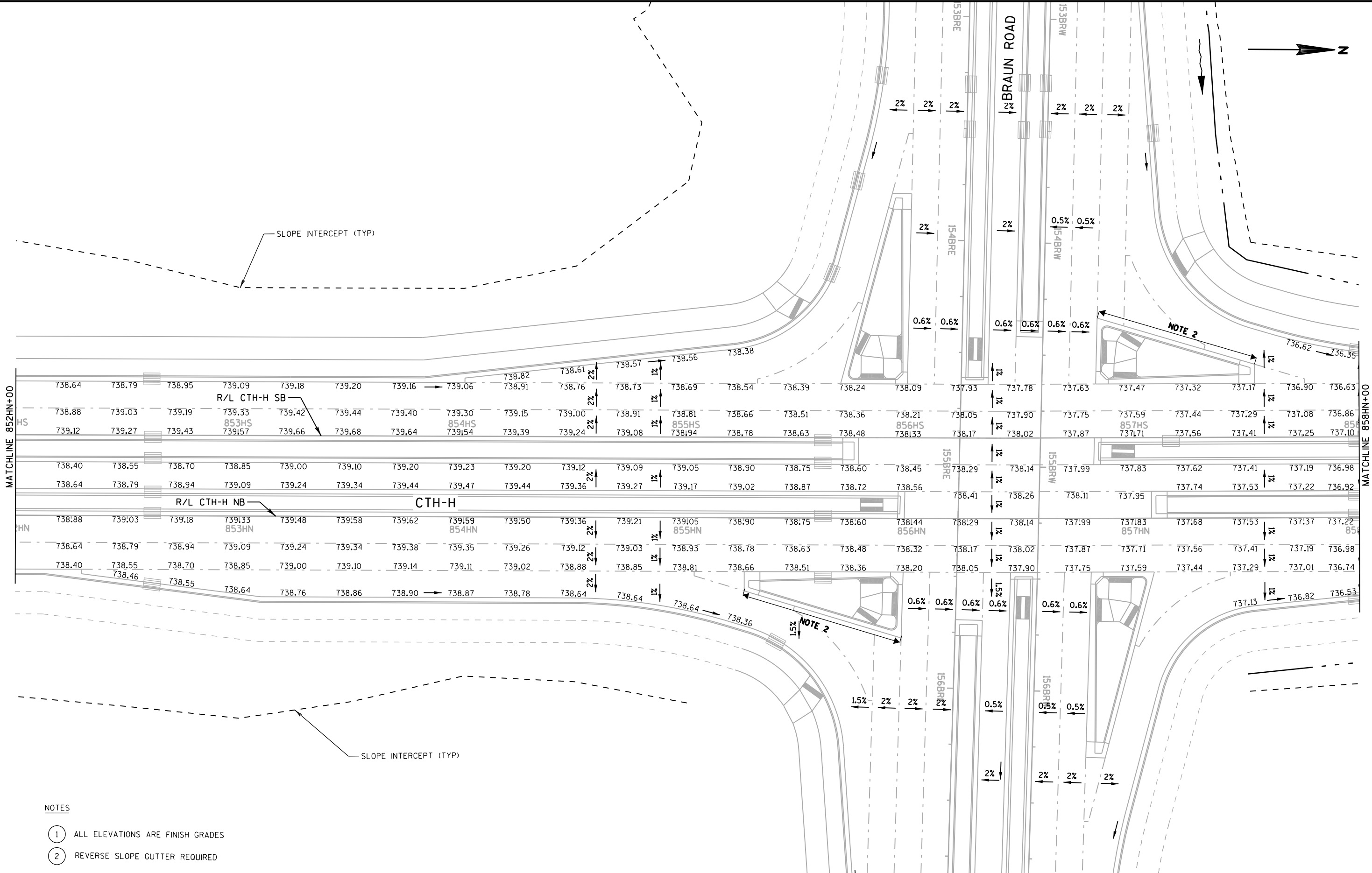
NOTES

- ① ALL ELEVATIONS ARE FINISH GRADES
- ② REVERSE SLOPE GUTTER REQUIRED
- ③ XXX.XX AFTER 90%



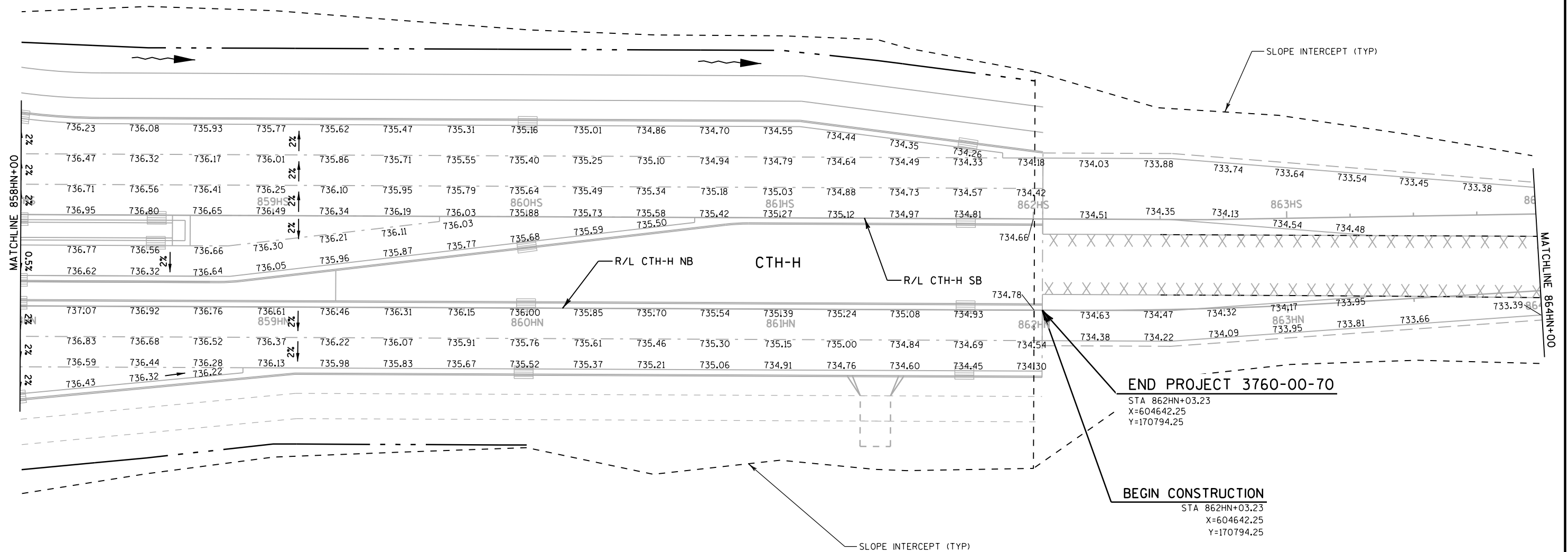
NOTES

- ① ALL ELEVATIONS ARE FINISH GRADES
- ② REVERSE SLOPE GUTTER REQUIRED
- ③ XXX.XX AFTER 90%



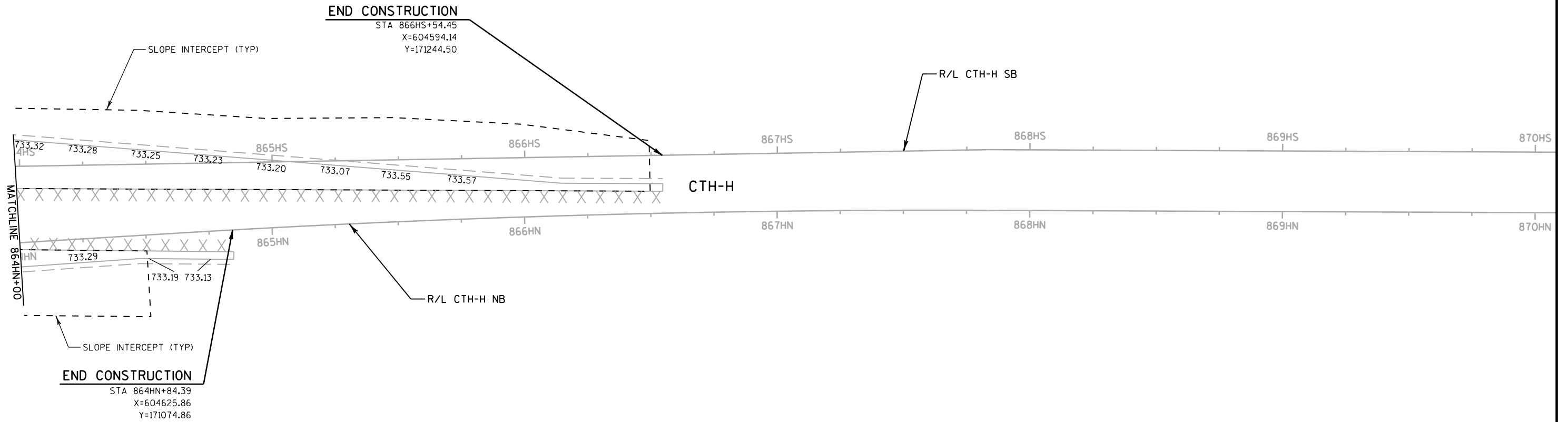
NOTES

- ① ALL ELEVATIONS ARE FINISH GRADES
- ② REVERSE SLOPE GUTTER REQUIRED



NOTES

- ① ALL ELEVATIONS ARE FINISH GRADES
- ② REVERSE SLOPE GUTTER REQUIRED



NOTES

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- ② REVERSE SLOPE GUTTER REQUIRED

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3) SEE "CONSTRUCTION DETAILS - CURB RAMPS" FOR CURB RAMP AND SIDEWALK INFORMATION.

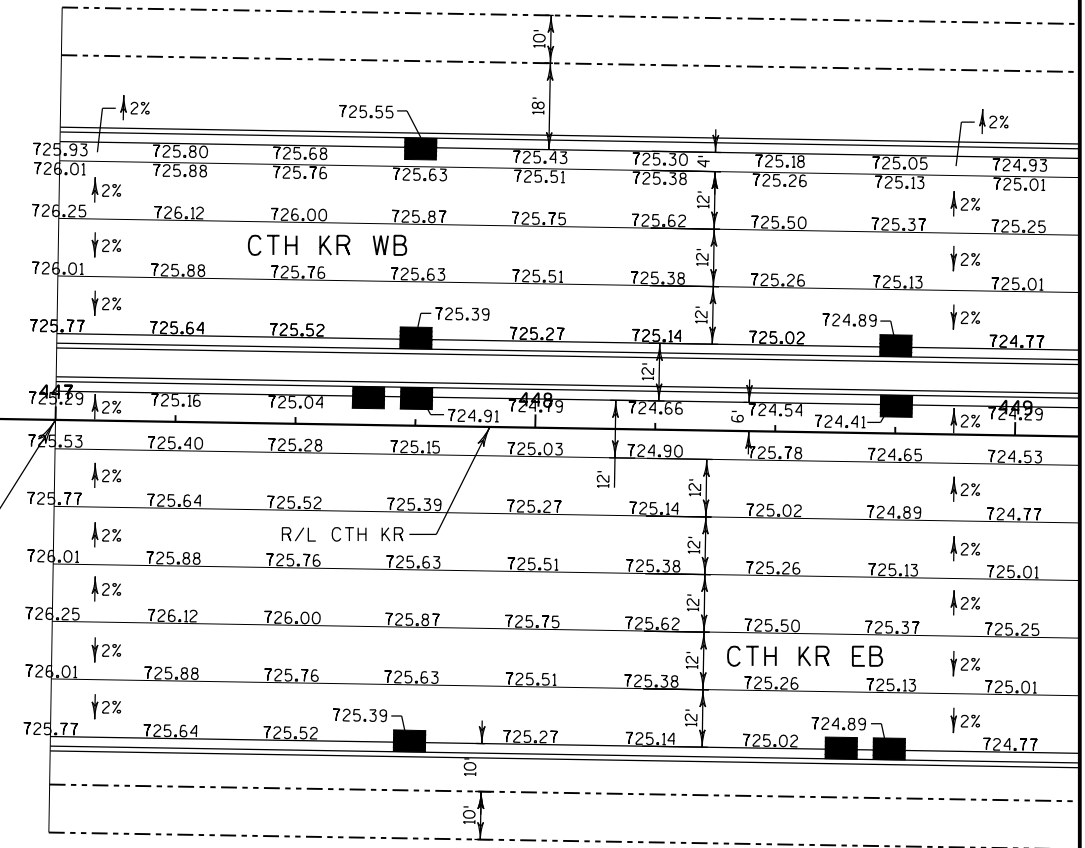


LEGEND

XXX.XX = SPOT ELEVATION

443 444 445 446

BEGIN CONSTRUCTION
STA 447+00.00



NOTES:

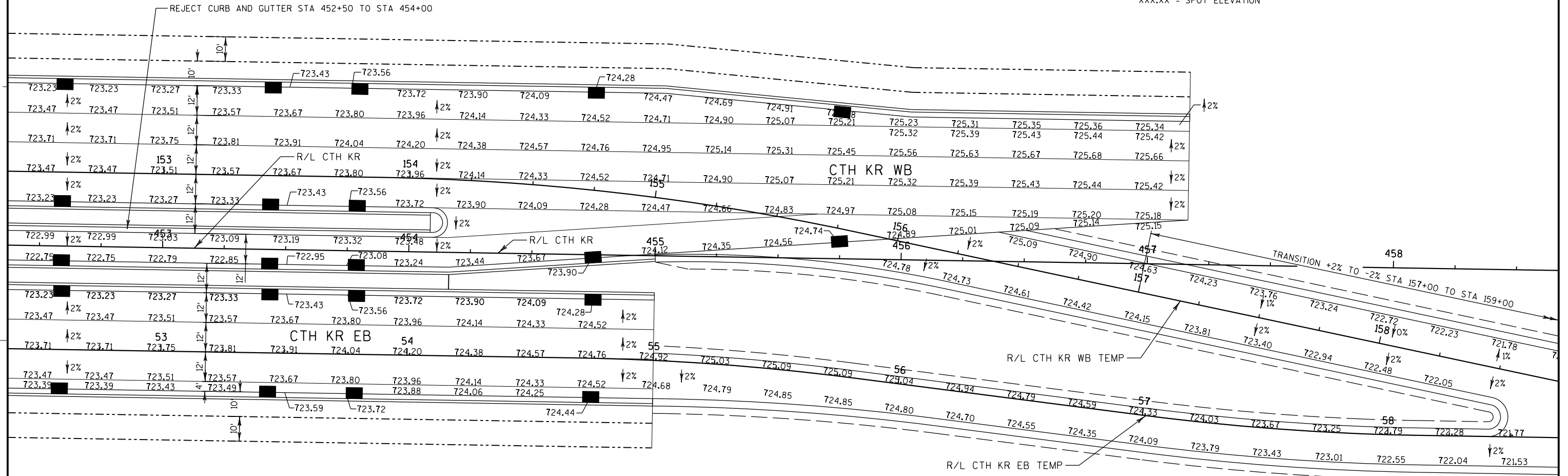
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3) SEE "CONSTRUCTION DETAILS - CURB RAMPS" FOR CURB RAMP AND SIDEWALK INFORMATION.

LEGEND

XXX.XX = SPOT ELEVATION

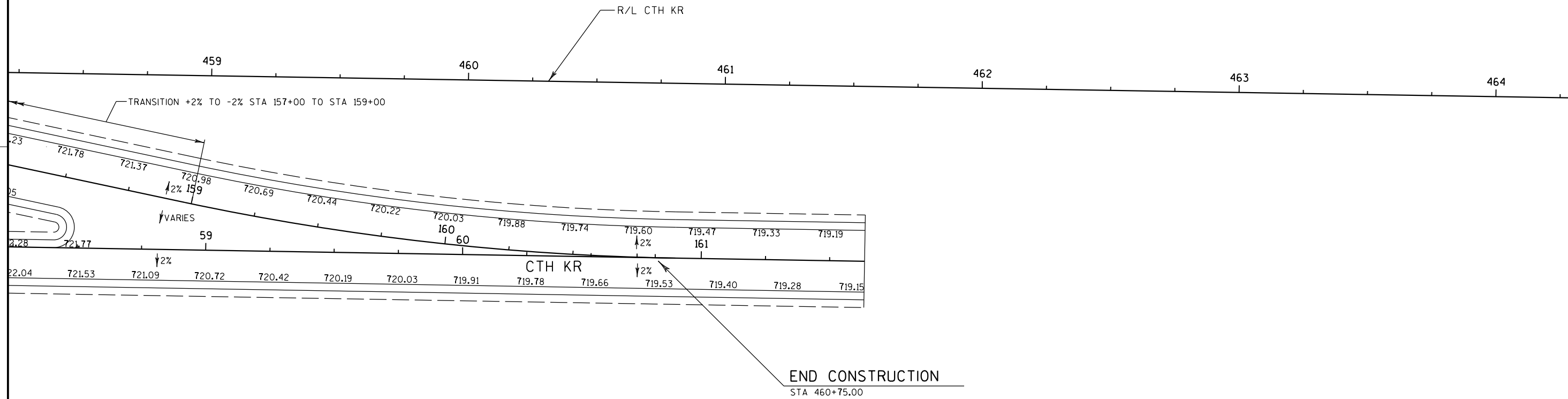


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- 3) SEE "CONSTRUCTION DETAILS - CURB RAMPS" FOR CURB RAMP AND SIDEWALK INFORMATION.

LEGEND

XXX.XX = SPOT ELEVATION





BEGIN CONSTRUCTION

STA 149BRW+83.69
X=604107.74
Y=170257.44

SLOPE INTERCEPT (TYP)

R/L BRAUN ROAD WB

R/L BRAUN ROAD EB

BRAUN ROAD

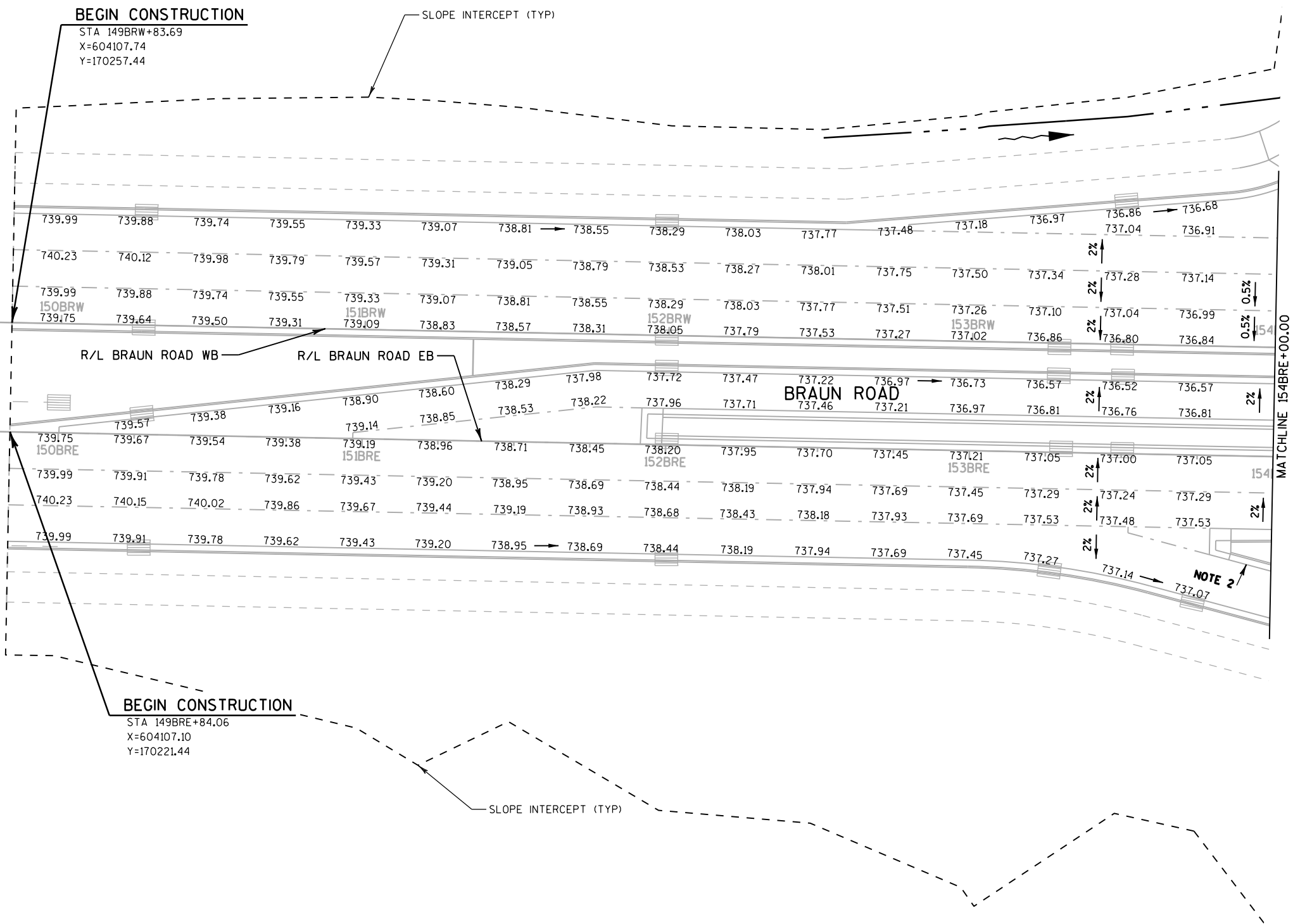
MATCHLINE 154BRE+00.00

BEGIN CONSTRUCTION

STA 149BRE+84.06
X=604107.10
Y=170221.44

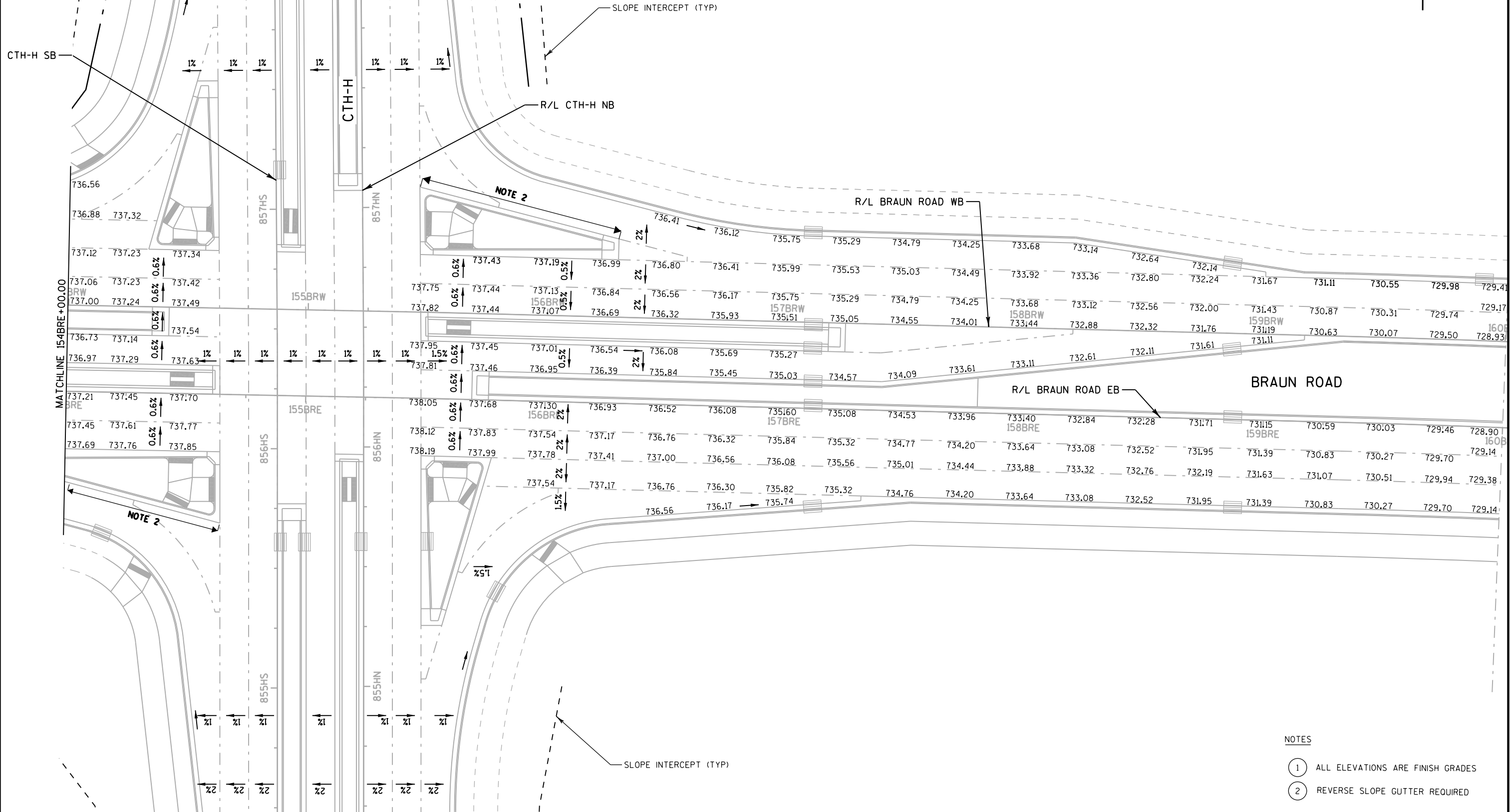
SLOPE INTERCEPT (TYP)

NOTE 2






NOTES

- ① ALL ELEVATIONS ARE FINISH GRADES
- ② REVERSE SLOPE GUTTER REQUIRED



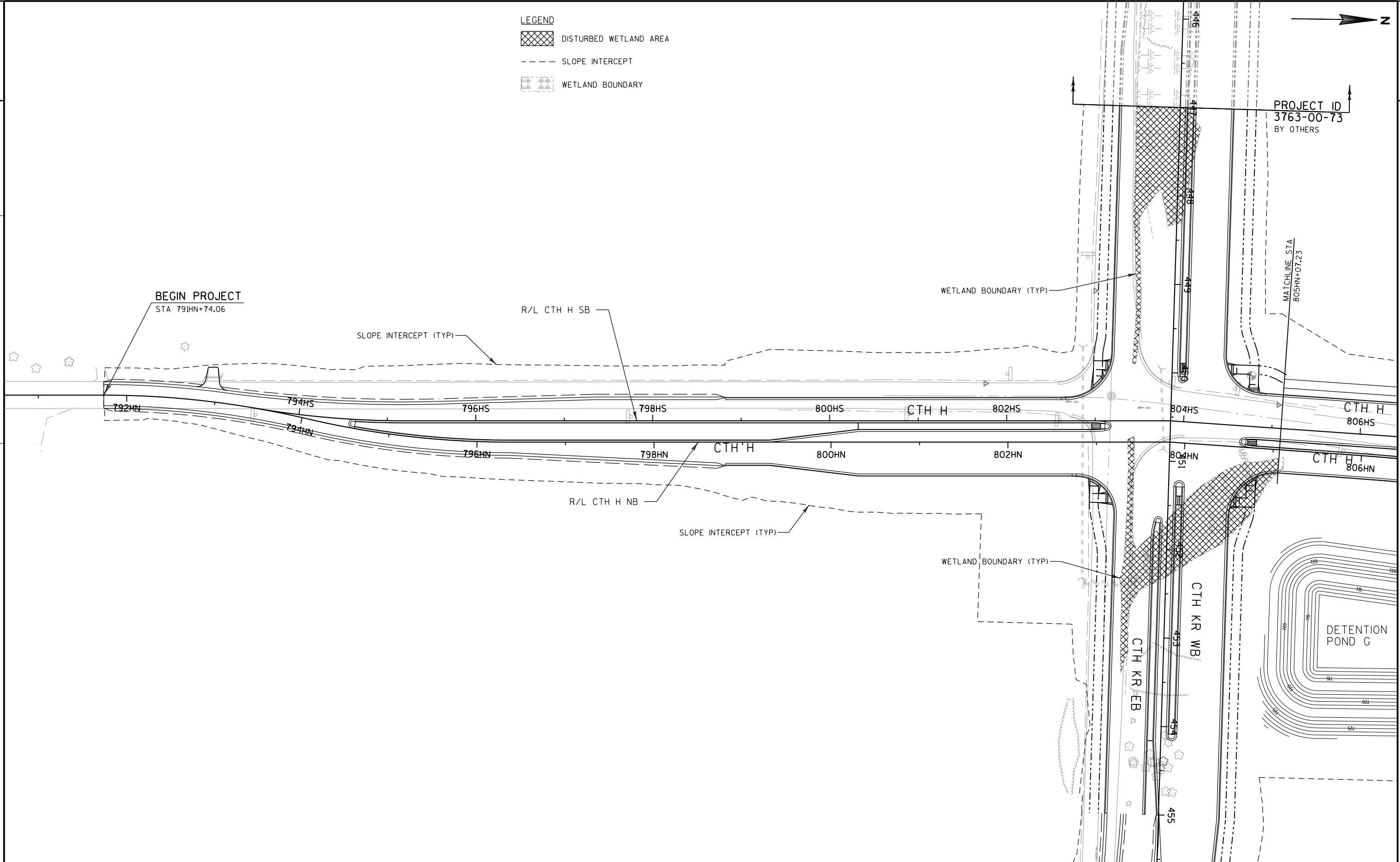
- NOTES
- ① ALL ELEVATIONS ARE FINISH GRADES
 - ② REVERSE SLOPE GUTTER REQUIRED

- LEGEND**
-  DISTURBED WETLAND AREA
 -  SLOPE INTERCEPT
 -  WETLAND BOUNDARY

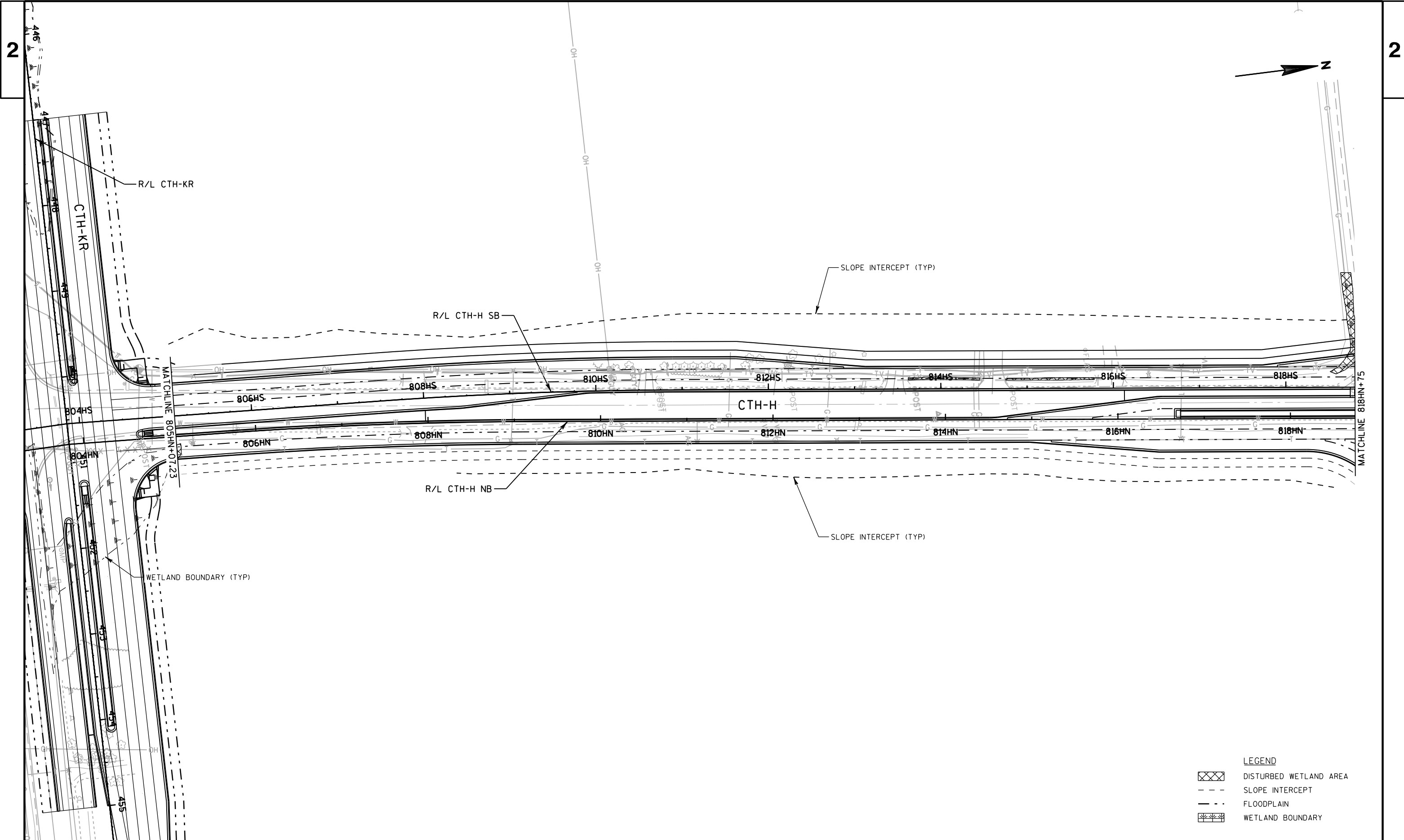
PROJECT ID
3763-00-73
BY OTHERS

MATCHLINE STA
805HN+07.23

BEGIN PROJECT
STA 791HN+74.06



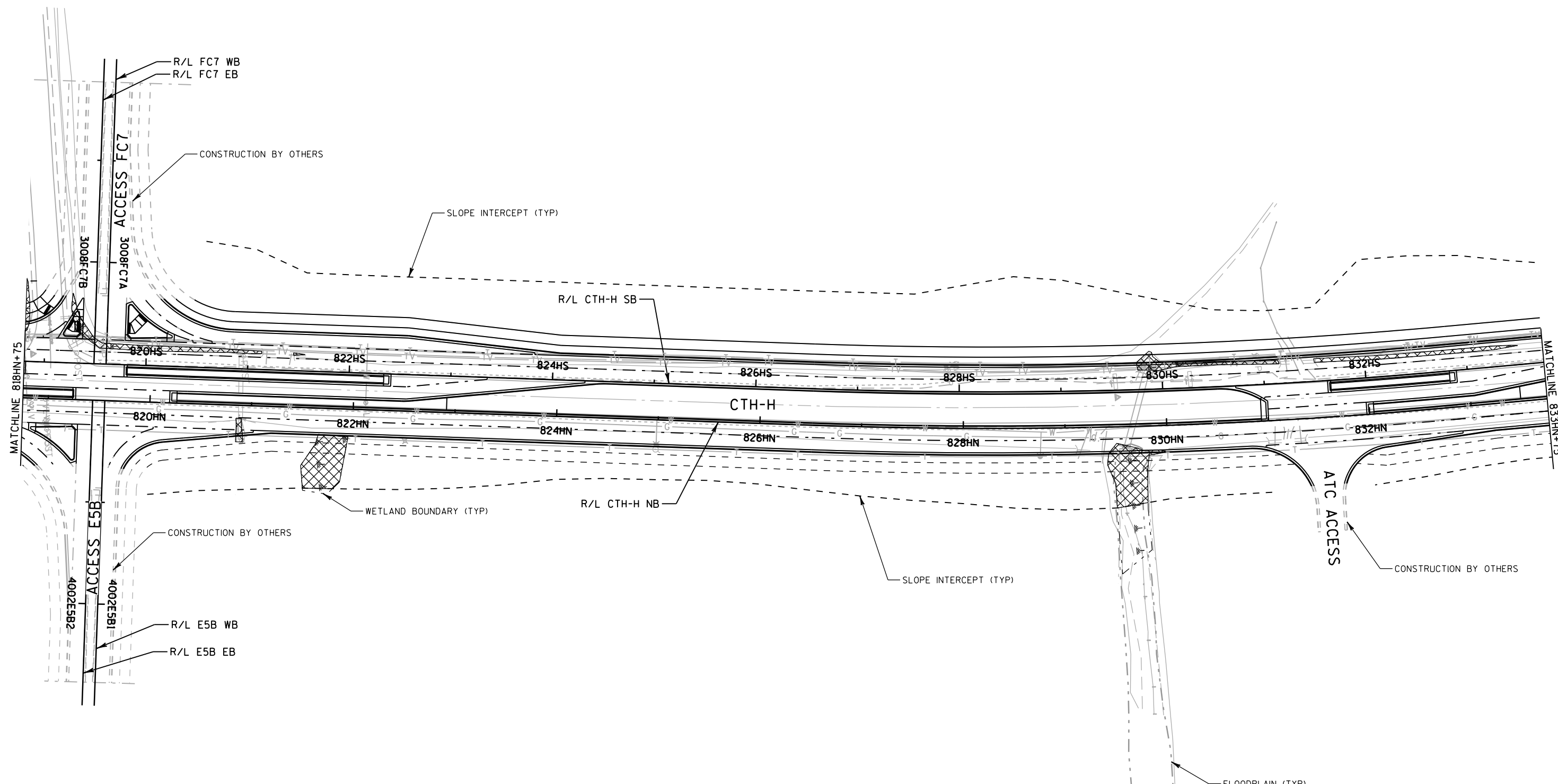
PROJECT NO: 3760-00-70	HWY: CTH H	COUNTY: RACINE	DISTURBED WETLAND AREAS	SHEET	E
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

LEGEND

	DISTURBED WETLAND AREA
	SLOPE INTERCEPT
	FLOODPLAIN
	WETLAND BOUNDARY

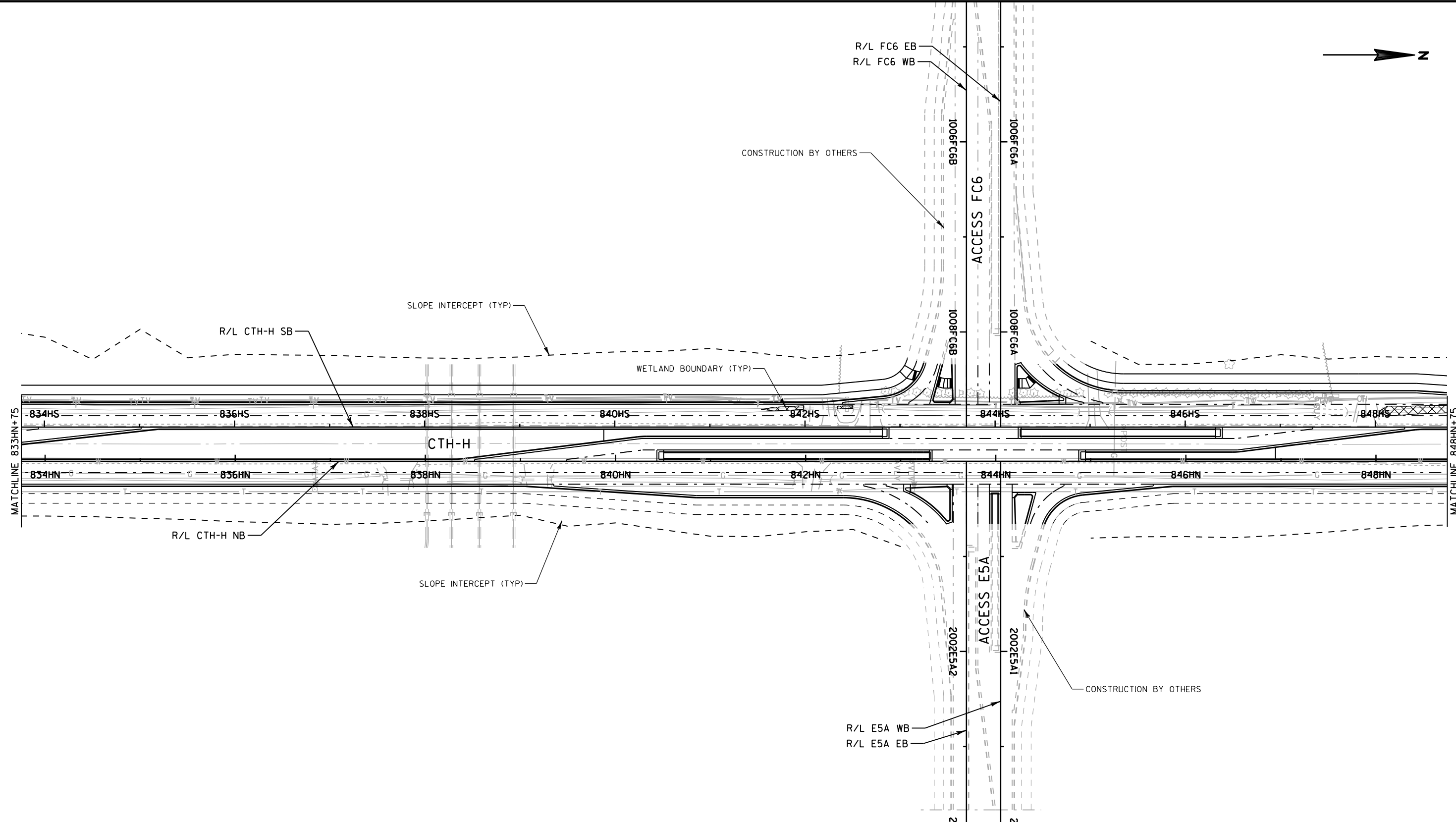
PROJECT NO: 3760-00-70	HWY: CTH-H	COUNTY: RACINE	DISTURBED WETLANDS	SHEET	E
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

LEGEND

-  DISTURBED WETLAND AREA
-  SLOPE INTERCEPT
-  FLOODPLAIN
-  WETLAND BOUNDARY

PROJECT NO: 3760-00-70	HWY: CTH-H	COUNTY: RACINE	DISTURBED WETLANDS	SHEET	E
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LEGEND

-  DISTURBED WETLAND AREA
-  SLOPE INTERCEPT
-  FLOODPLAIN
-  WETLAND BOUNDARY



BEGIN CONSTRUCTION

STA 149BRE+84.06
X=604107.10
Y=170221.44

BEGIN CONSTRUCTION

STA 149BRW+83.69
X=604107.74
Y=170257.44

WETLAND BOUNDARY (TYP)

SLOPE INTERCEPT (TYP)

R/L CTH-H SB

R/L CTH-H NB

CONSTRUCTION BY OTHERS

R/L BRAUN ROAD EB





R/L BRAUN ROAD WB

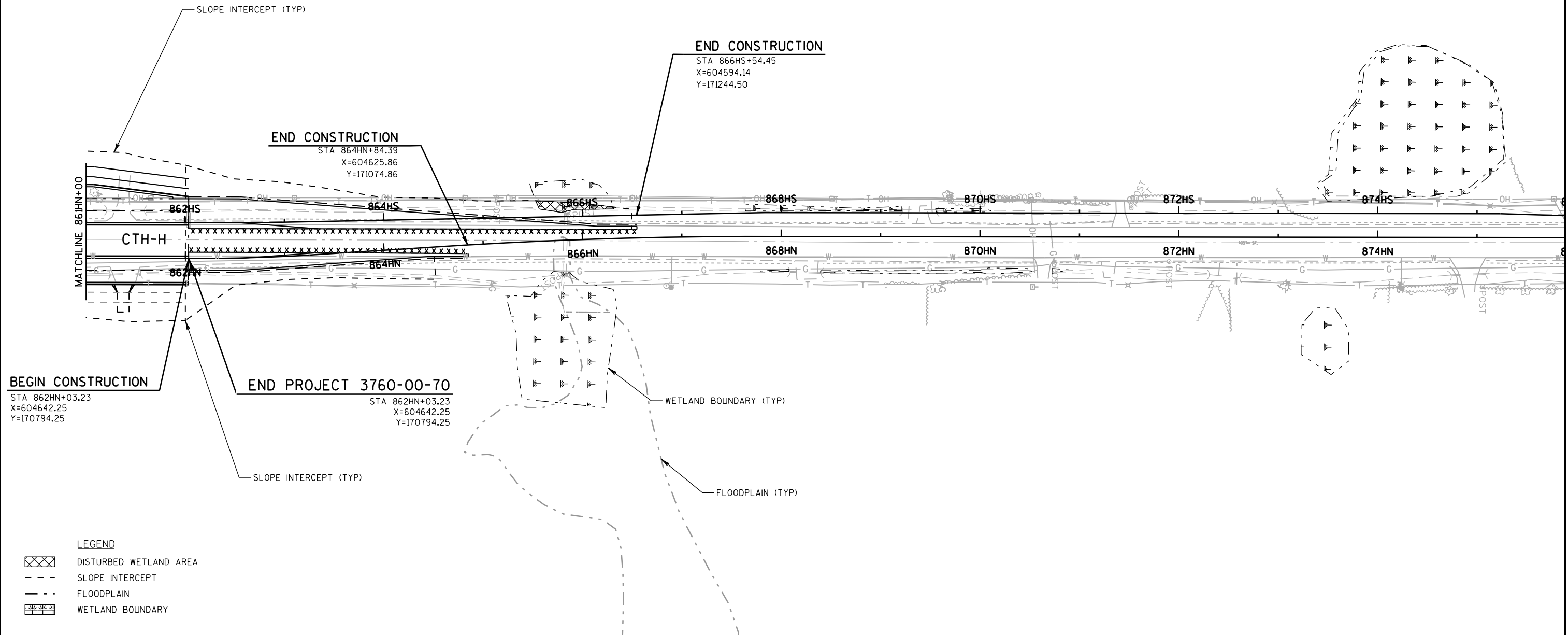
MATCHLINE 848HN+75

MATCHLINE 861HN+00




MATCHLINE XX TO BE DETERMINED PER FOXCONN DIRECTION

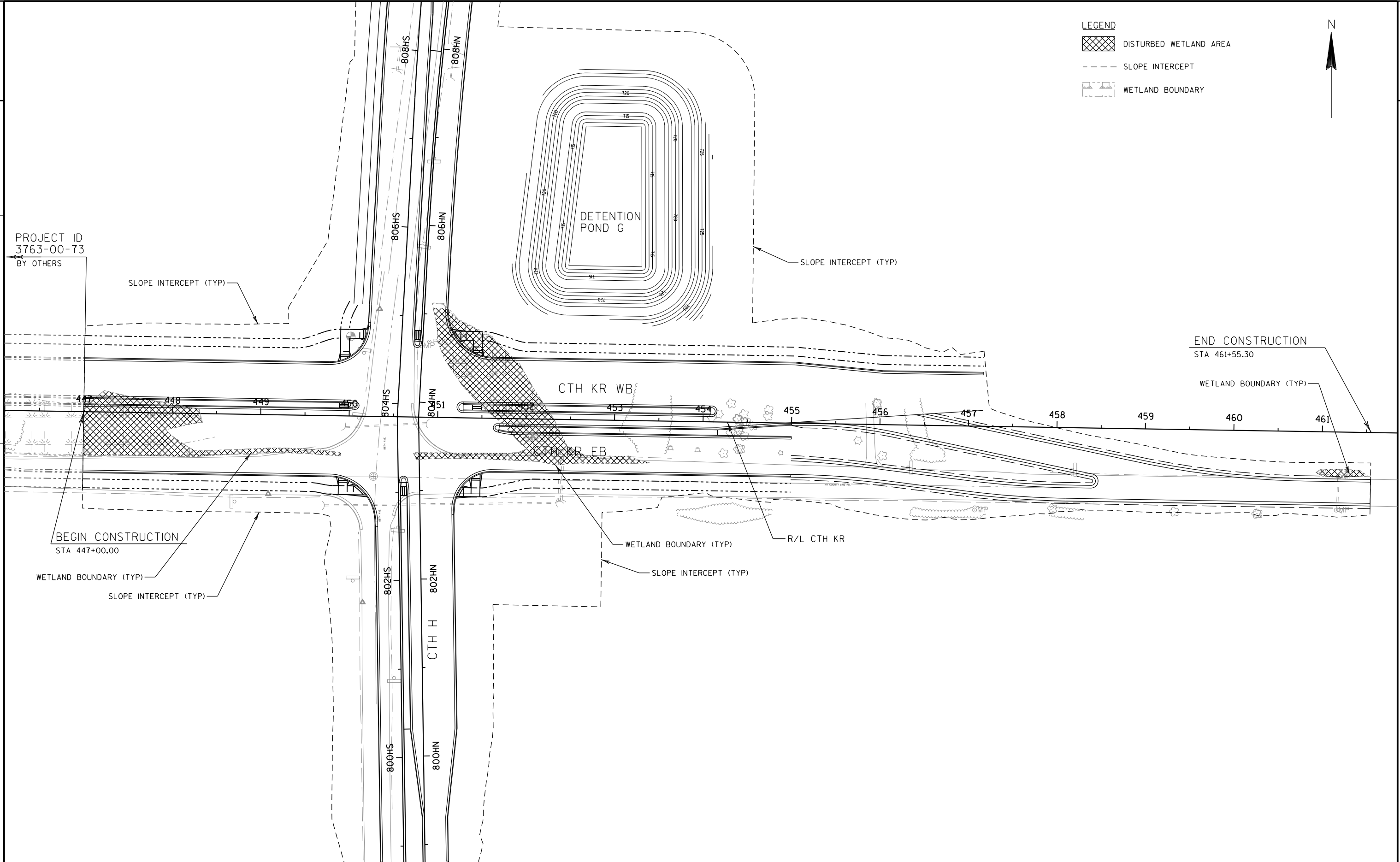
LEGEND

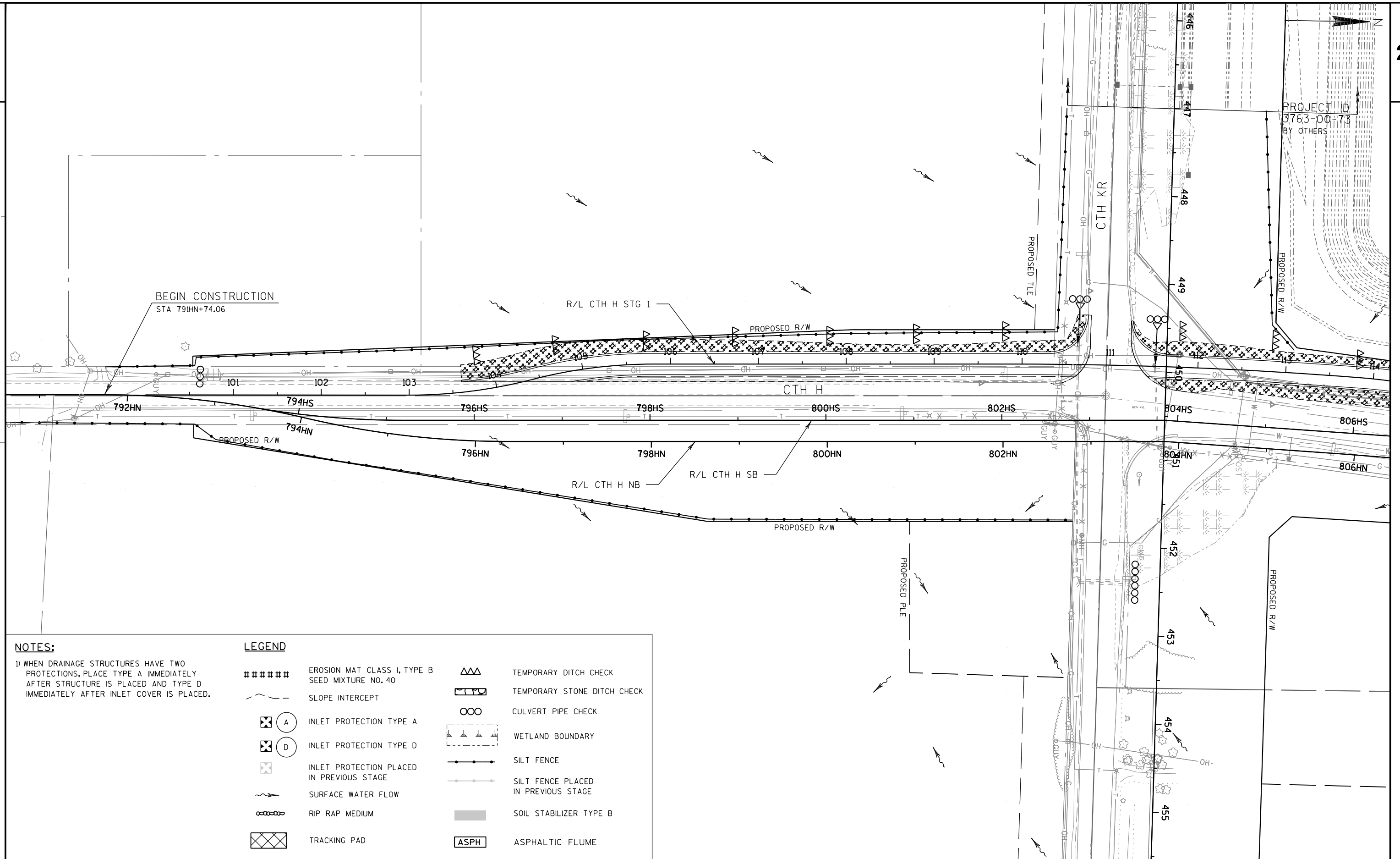
-  DISTURBED WETLAND AREA
-  SLOPE INTERCEPT
-  FLOODPLAIN
-  WETLAND BOUNDARY



LEGEND

-  DISTURBED WETLAND AREA
-  SLOPE INTERCEPT
-  WETLAND BOUNDARY





PROJECT ID
3763-00-73
BY OTHERS

BEGIN CONSTRUCTION
STA 791HN+74.06

R/L CTH H STG 1

PROPOSED R/W

PROPOSED TILE

CTH KR

PROPOSED R/W

CTH H

792HN

794HS

796HS

798HS

800HS

802HS

804HS

806HS

794HN

PROPOSED R/W

796HN

798HN

800HN

802HN

804HN

806HN

R/L CTH H NB

R/L CTH H SB

PROPOSED R/W

PROPOSED PLE

PROPOSED R/W

NOTES:

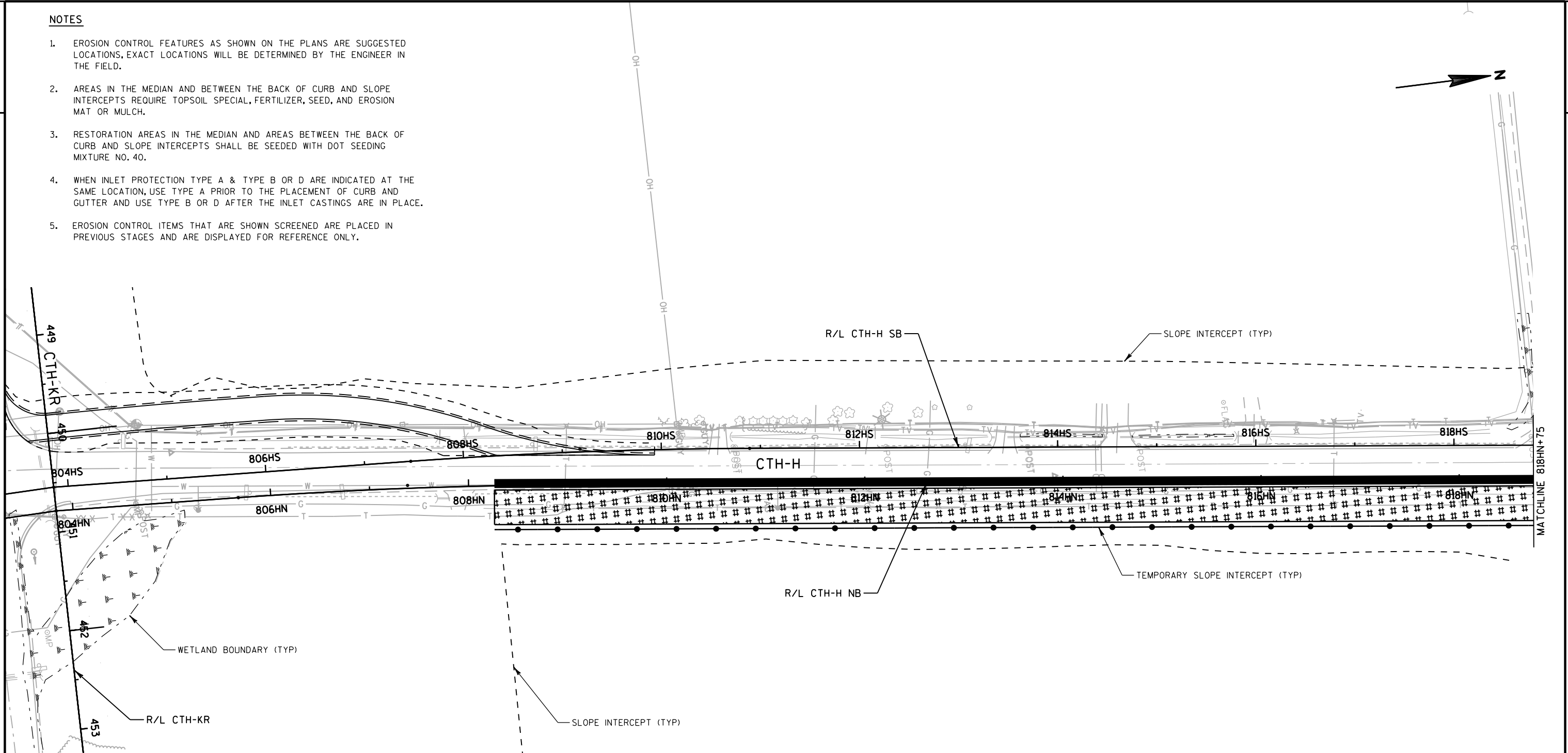
1) WHEN DRAINAGE STRUCTURES HAVE TWO PROTECTIONS, PLACE TYPE A IMMEDIATELY AFTER STRUCTURE IS PLACED AND TYPE D IMMEDIATELY AFTER INLET COVER IS PLACED.

LEGEND

#####	EROSION MAT CLASS I, TYPE B SEED MIXTURE NO. 40	△△△	TEMPORARY DITCH CHECK
~	SLOPE INTERCEPT	▬▬▬	TEMPORARY STONE DITCH CHECK
⊗ (A)	INLET PROTECTION TYPE A	○○○	CULVERT PIPE CHECK
⊗ (D)	INLET PROTECTION TYPE D	▬▬▬▬▬	WETLAND BOUNDARY
⊗	INLET PROTECTION PLACED IN PREVIOUS STAGE	—●—●—●—	SILT FENCE
~	SURFACE WATER FLOW	—●—●—●—	SILT FENCE PLACED IN PREVIOUS STAGE
○-○-○-○	RIP RAP MEDIUM	■	SOIL STABILIZER TYPE B
⊗	TRACKING PAD	ASPH	ASPHALTIC FLUME

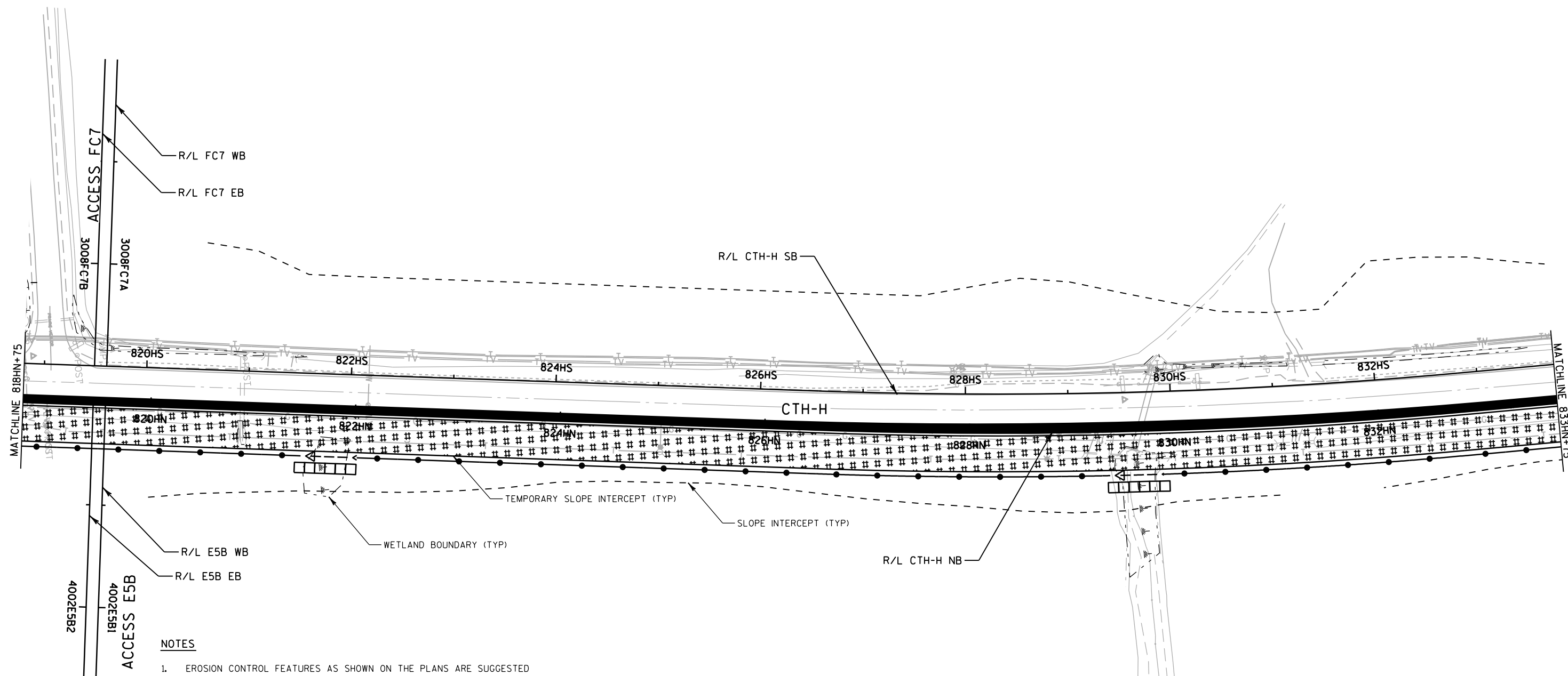
NOTES

1. EROSION CONTROL FEATURES AS SHOWN ON THE PLANS ARE SUGGESTED LOCATIONS, EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.
2. AREAS IN THE MEDIAN AND BETWEEN THE BACK OF CURB AND SLOPE INTERCEPTS REQUIRE TOPSOIL SPECIAL, FERTILIZER, SEED, AND EROSION MAT OR MULCH.
3. RESTORATION AREAS IN THE MEDIAN AND AREAS BETWEEN THE BACK OF CURB AND SLOPE INTERCEPTS SHALL BE SEEDED WITH DOT SEEDING MIXTURE NO. 40.
4. WHEN INLET PROTECTION TYPE A & TYPE B OR D ARE INDICATED AT THE SAME LOCATION, USE TYPE A PRIOR TO THE PLACEMENT OF CURB AND GUTTER AND USE TYPE B OR D AFTER THE INLET CASTINGS ARE IN PLACE.
5. EROSION CONTROL ITEMS THAT ARE SHOWN SCREENED ARE PLACED IN PREVIOUS STAGES AND ARE DISPLAYED FOR REFERENCE ONLY.



EROSION CONTROL LEGEND

- | | | | |
|--|----------------------------------|--|-------------------------|
| | EROSION MAT URBAN CLASS I TYPE B | | INLET PROTECTION TYPE A |
| | SILT FENCE | | INLET PROTECTION TYPE D |
| | HEAVY DUTY SILT FENCE | | CULVERT PIPE CHECK |
| | TURBIDITY BARRIER | | RIP RAP |
| | EROSION BALES | | |
| | SURFACE WATER FLOW | | |
| | TEMPORARY DITCH CHECK | | |



NOTES

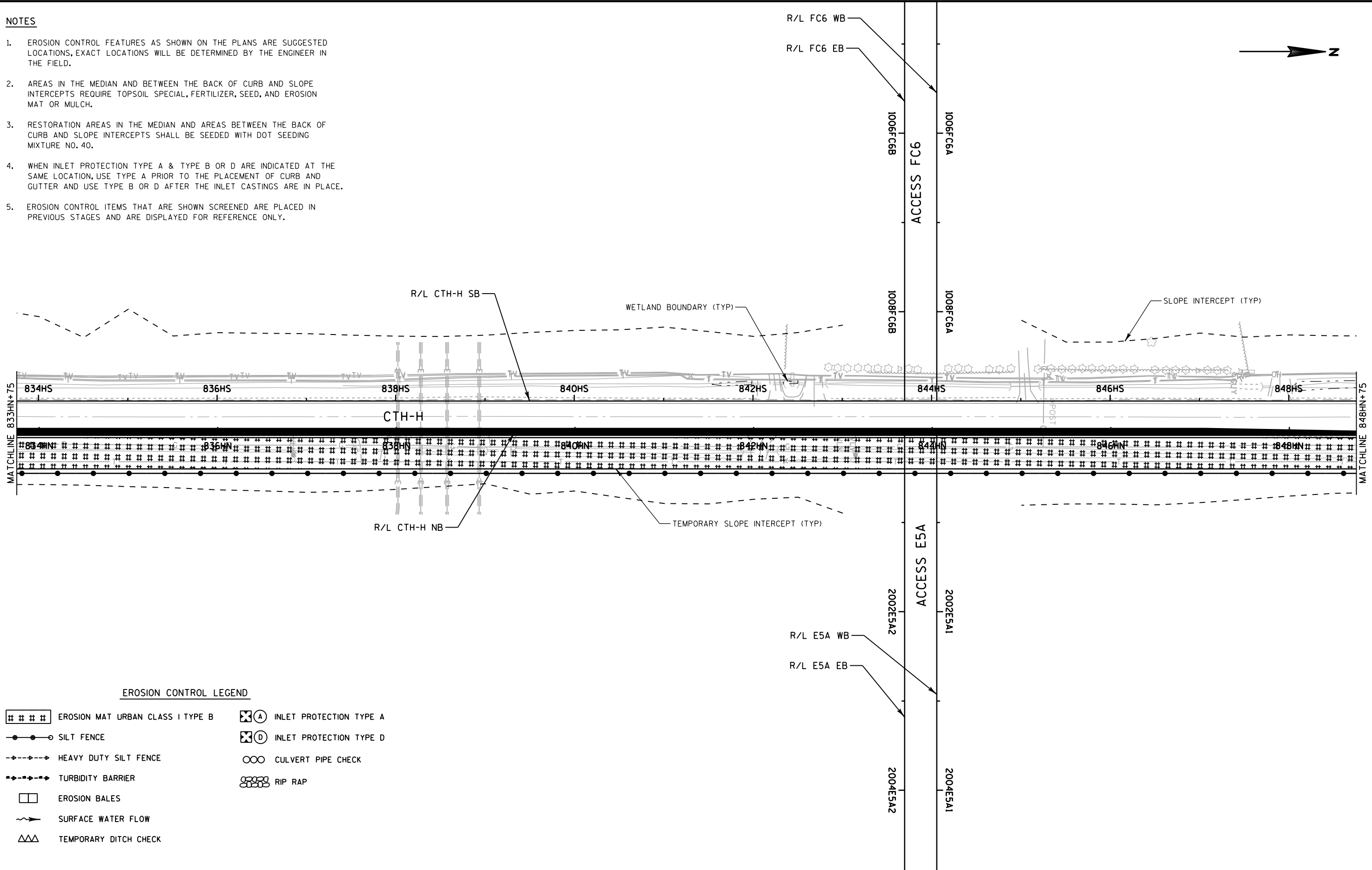
1. EROSION CONTROL FEATURES AS SHOWN ON THE PLANS ARE SUGGESTED LOCATIONS, EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.
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EROSION CONTROL LEGEND

- | | | | |
|-----------|----------------------------------|------|-------------------------|
| ### | EROSION MAT URBAN CLASS I TYPE B | ⊗(A) | INLET PROTECTION TYPE A |
| —●—●— | SILT FENCE | ⊗(D) | INLET PROTECTION TYPE D |
| - - - - - | HEAVY DUTY SILT FENCE | ∞ | CULVERT PIPE CHECK |
| -▲-▲-▲- | TURBIDITY BARRIER | ⊗ | RIP RAP |
| □ | EROSION BALES | | |
| ~> | SURFACE WATER FLOW | | |
| △ | TEMPORARY DITCH CHECK | | |

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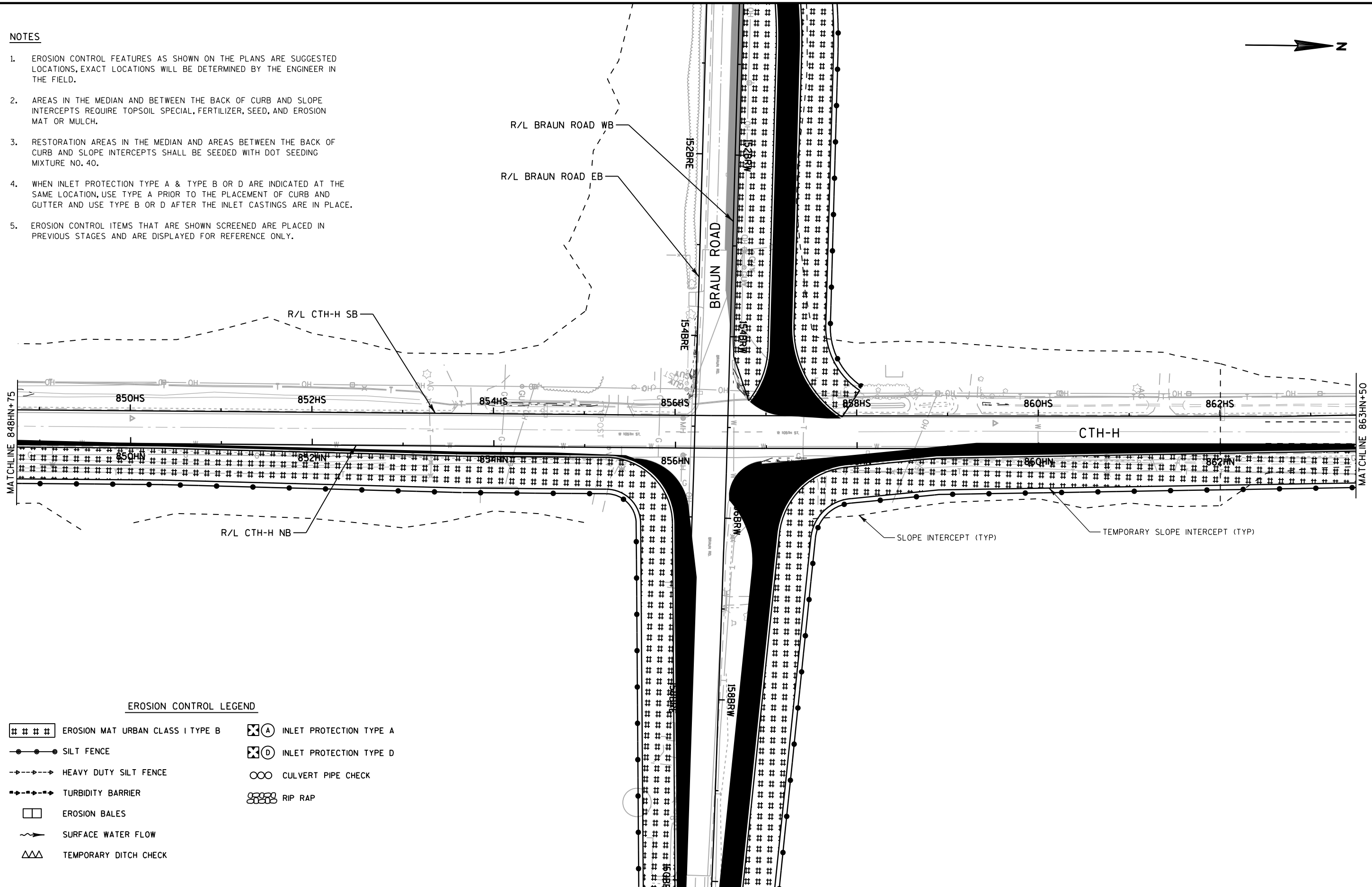


EROSION CONTROL LEGEND

- | | | | |
|------|----------------------------------|------|-------------------------|
| ### | EROSION MAT URBAN CLASS I TYPE B | ⊗(A) | INLET PROTECTION TYPE A |
| ●—● | SILT FENCE | ⊗(D) | INLET PROTECTION TYPE D |
| →→→→ | HEAVY DUTY SILT FENCE | ○ | CULVERT PIPE CHECK |
| →→→→ | TURBIDITY BARRIER | ⊗ | RIP RAP |
| □ | EROSION BALES | | |
| ~→ | SURFACE WATER FLOW | | |
| △△ | TEMPORARY DITCH CHECK | | |

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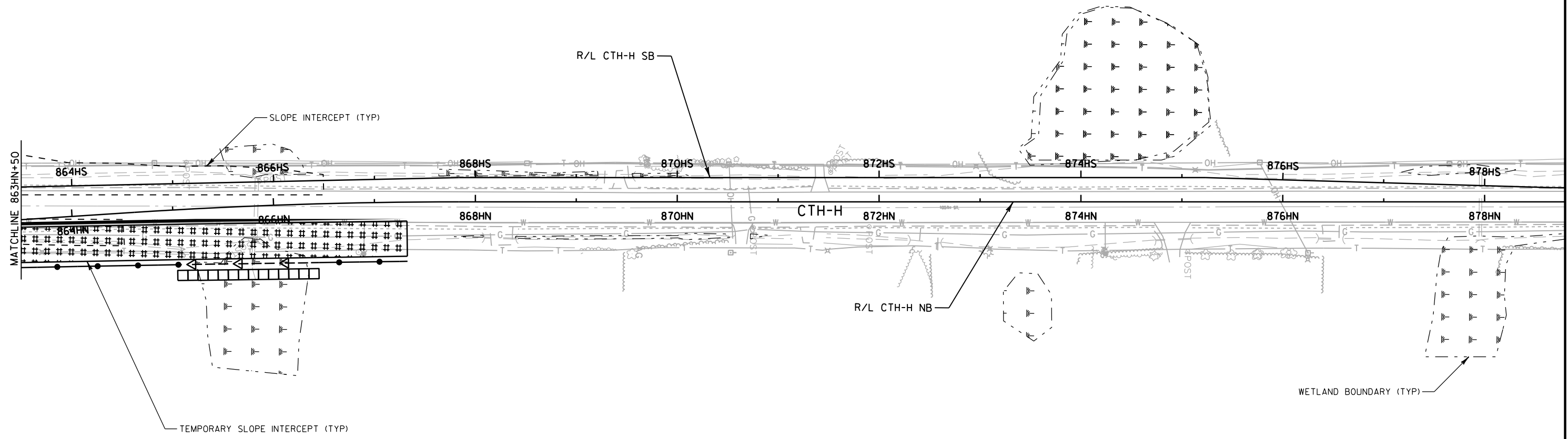


EROSION CONTROL LEGEND

- | | | | |
|---------|----------------------------------|------|-------------------------|
| ### | EROSION MAT URBAN CLASS I TYPE B | ⊗(A) | INLET PROTECTION TYPE A |
| —●—●—● | SILT FENCE | ⊗(D) | INLET PROTECTION TYPE D |
| --->--- | HEAVY DUTY SILT FENCE | ○○ | CULVERT PIPE CHECK |
| --->--- | TURBIDITY BARRIER | ⊗ | RIP RAP |
| □ | EROSION BALES | | |
| ~> | SURFACE WATER FLOW | | |
| △△ | TEMPORARY DITCH CHECK | | |

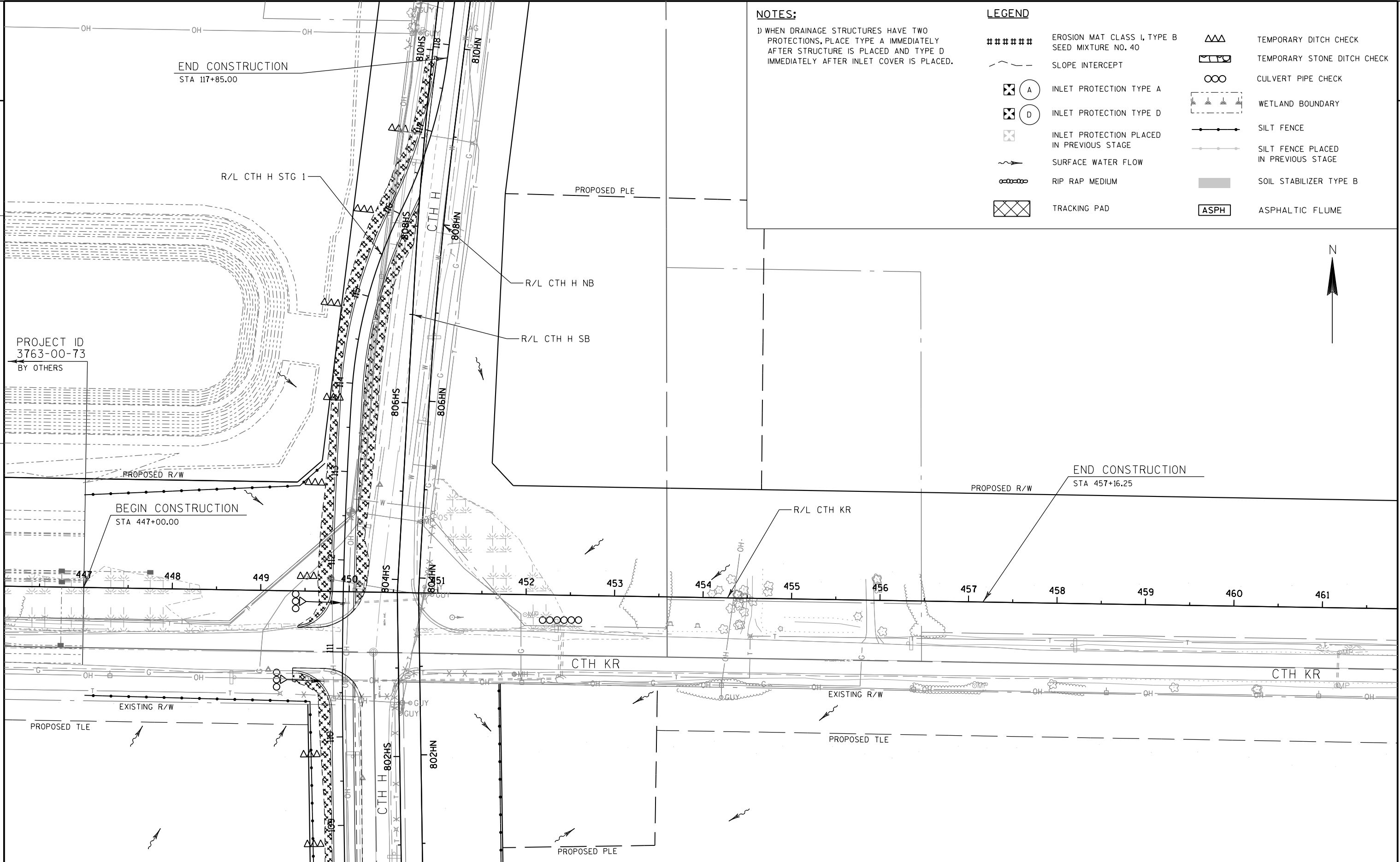
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EROSION CONTROL LEGEND

- | | | | |
|---------|----------------------------------|------|-------------------------|
| ### | EROSION MAT URBAN CLASS I TYPE B | ⊗(A) | INLET PROTECTION TYPE A |
| —●— | SILT FENCE | ⊗(D) | INLET PROTECTION TYPE D |
| —◆—◆— | HEAVY DUTY SILT FENCE | ○○ | CULVERT PIPE CHECK |
| —◆◆—◆◆— | TURBIDITY BARRIER | ⊞⊞ | RIP RAP |
| □ | EROSION BALES | | |
| ~> | SURFACE WATER FLOW | | |
| △△ | TEMPORARY DITCH CHECK | | |



NOTES:

1) WHEN DRAINAGE STRUCTURES HAVE TWO PROTECTIONS, PLACE TYPE A IMMEDIATELY AFTER STRUCTURE IS PLACED AND TYPE D IMMEDIATELY AFTER INLET COVER IS PLACED.

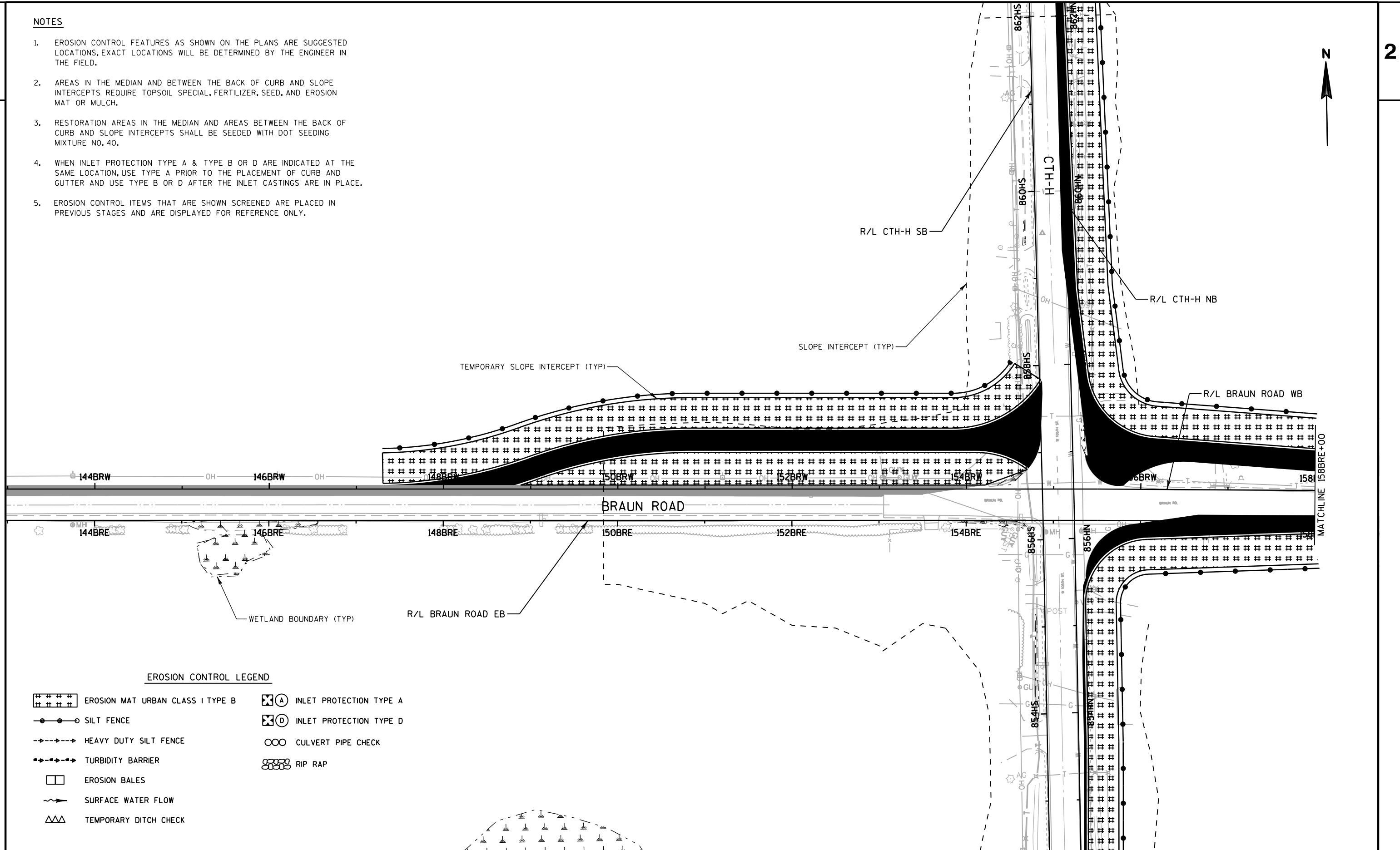
LEGEND

- | | | | |
|-------|---|-------|-------------------------------------|
| ##### | EROSION MAT CLASS I, TYPE B SEED MIXTURE NO. 40 | △△△ | TEMPORARY DITCH CHECK |
| — — — | SLOPE INTERCEPT | ▭▭▭ | TEMPORARY STONE DITCH CHECK |
| ⊗ (A) | INLET PROTECTION TYPE A | ∞∞ | CULVERT PIPE CHECK |
| ⊗ (D) | INLET PROTECTION TYPE D | ▭▭▭▭▭ | WETLAND BOUNDARY |
| ⊗ | INLET PROTECTION PLACED IN PREVIOUS STAGE | — — — | SILT FENCE |
| ~ | SURFACE WATER FLOW | — — — | SILT FENCE PLACED IN PREVIOUS STAGE |
| ⊖ | RIP RAP MEDIUM | ▭ | SOIL STABILIZER TYPE B |
| ⊗ | TRACKING PAD | ASPH | ASPHALTIC FLUME |

PROJECT ID
3763-00-73
BY OTHERS

NOTES

1. EROSION CONTROL FEATURES AS SHOWN ON THE PLANS ARE SUGGESTED LOCATIONS, EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.
2. AREAS IN THE MEDIAN AND BETWEEN THE BACK OF CURB AND SLOPE INTERCEPTS REQUIRE TOPSOIL SPECIAL, FERTILIZER, SEED, AND EROSION MAT OR MULCH.
3. RESTORATION AREAS IN THE MEDIAN AND AREAS BETWEEN THE BACK OF CURB AND SLOPE INTERCEPTS SHALL BE SEEDED WITH DOT SEEDING MIXTURE NO. 40.
4. WHEN INLET PROTECTION TYPE A & TYPE B OR D ARE INDICATED AT THE SAME LOCATION, USE TYPE A PRIOR TO THE PLACEMENT OF CURB AND GUTTER AND USE TYPE B OR D AFTER THE INLET CASTINGS ARE IN PLACE.
5. EROSION CONTROL ITEMS THAT ARE SHOWN SCREENED ARE PLACED IN PREVIOUS STAGES AND ARE DISPLAYED FOR REFERENCE ONLY.

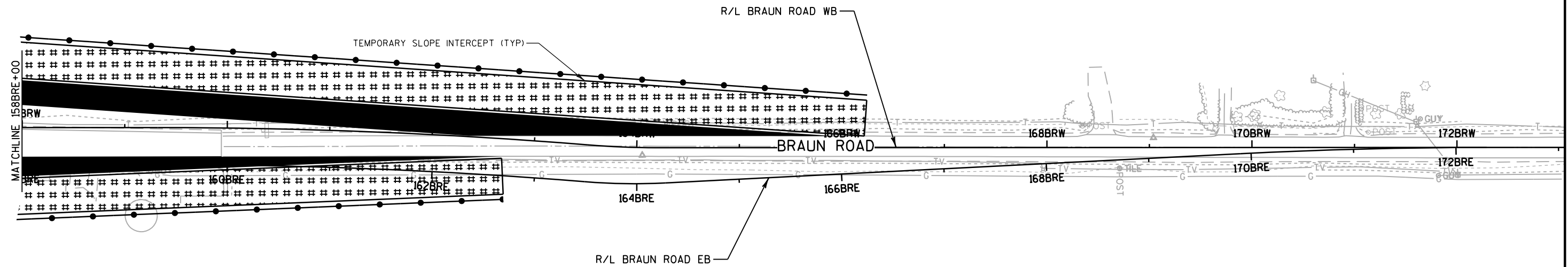


EROSION CONTROL LEGEND

- | | |
|----------------------------------|-------------------------|
| EROSION MAT URBAN CLASS I TYPE B | INLET PROTECTION TYPE A |
| SILT FENCE | INLET PROTECTION TYPE D |
| HEAVY DUTY SILT FENCE | CULVERT PIPE CHECK |
| TURBIDITY BARRIER | RIP RAP |
| EROSION BALES | |
| SURFACE WATER FLOW | |
| TEMPORARY DITCH CHECK | |

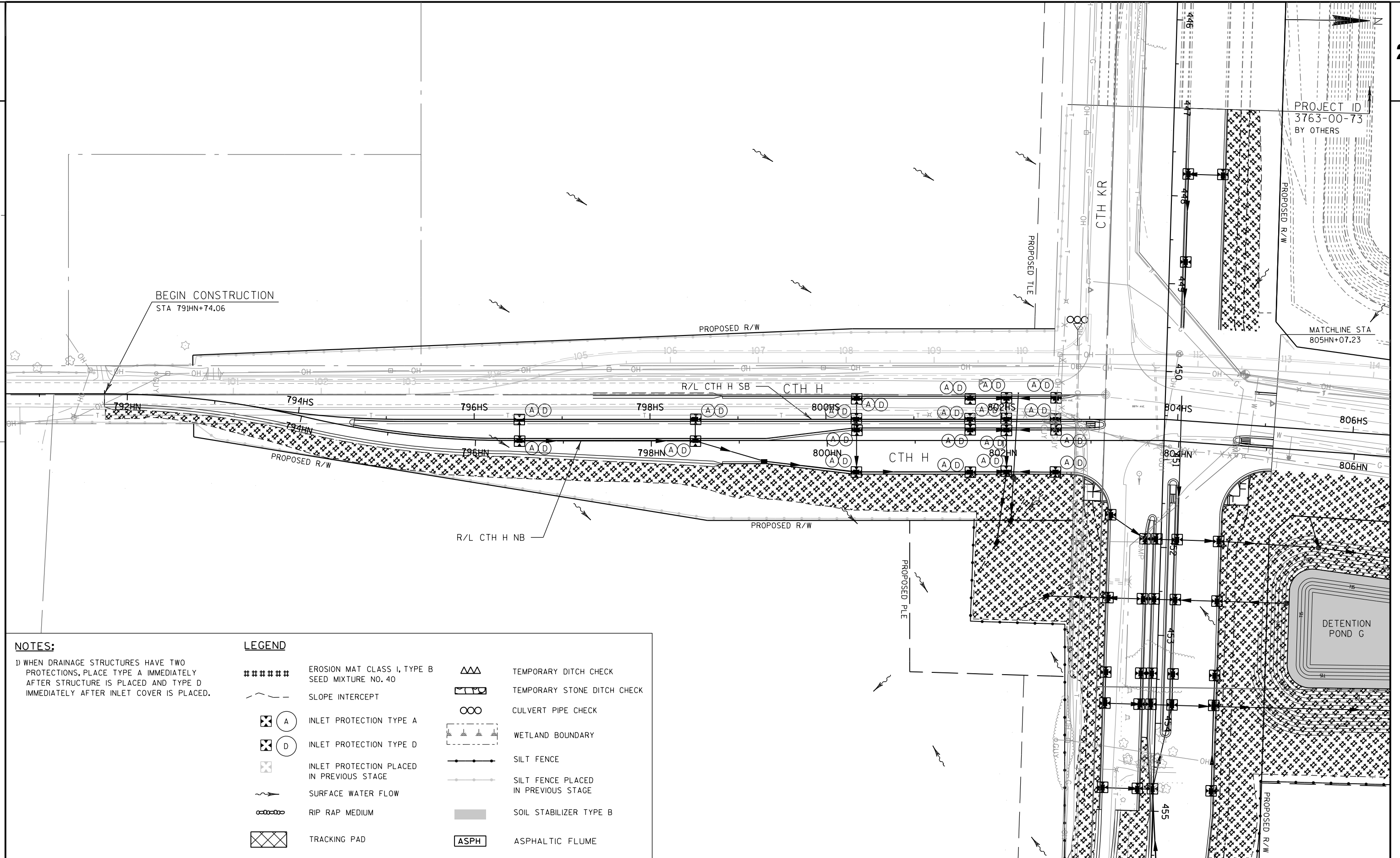
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EROSION CONTROL LEGEND

- | | |
|----------------------------------|-------------------------|
| EROSION MAT URBAN CLASS I TYPE B | INLET PROTECTION TYPE A |
| SILT FENCE | INLET PROTECTION TYPE D |
| HEAVY DUTY SILT FENCE | CULVERT PIPE CHECK |
| TURBIDITY BARRIER | RIP RAP |
| EROSION BALES | |
| SURFACE WATER FLOW | |
| TEMPORARY DITCH CHECK | |



NOTES:

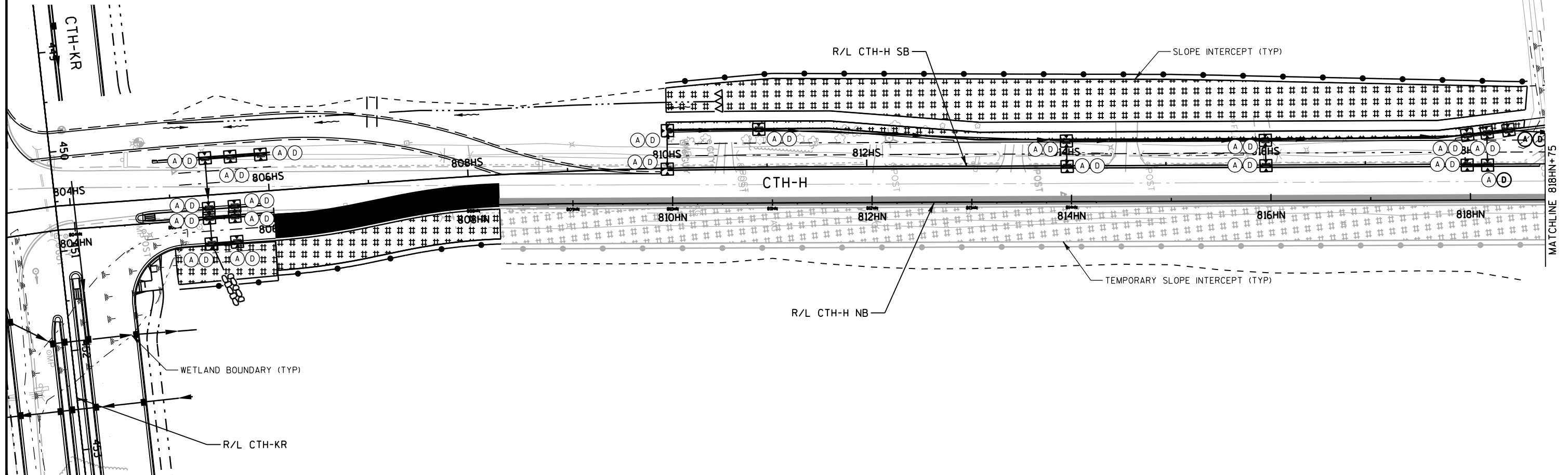
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LEGEND

- | | | | |
|-------|---|------|-------------------------------------|
| ##### | EROSION MAT CLASS I, TYPE B SEED MIXTURE NO. 40 | △△△ | TEMPORARY DITCH CHECK |
| ~ | SLOPE INTERCEPT | ▭ | TEMPORARY STONE DITCH CHECK |
| ⊗ (A) | INLET PROTECTION TYPE A | ○○○ | CULVERT PIPE CHECK |
| ⊗ (D) | INLET PROTECTION TYPE D | --- | WETLAND BOUNDARY |
| ⊗ | INLET PROTECTION PLACED IN PREVIOUS STAGE | —●— | SILT FENCE |
| ~ | SURFACE WATER FLOW | —●— | SILT FENCE PLACED IN PREVIOUS STAGE |
| ○-○-○ | RIP RAP MEDIUM | ■ | SOIL STABILIZER TYPE B |
| ⊗ | TRACKING PAD | ASPH | ASPHALTIC FLUME |

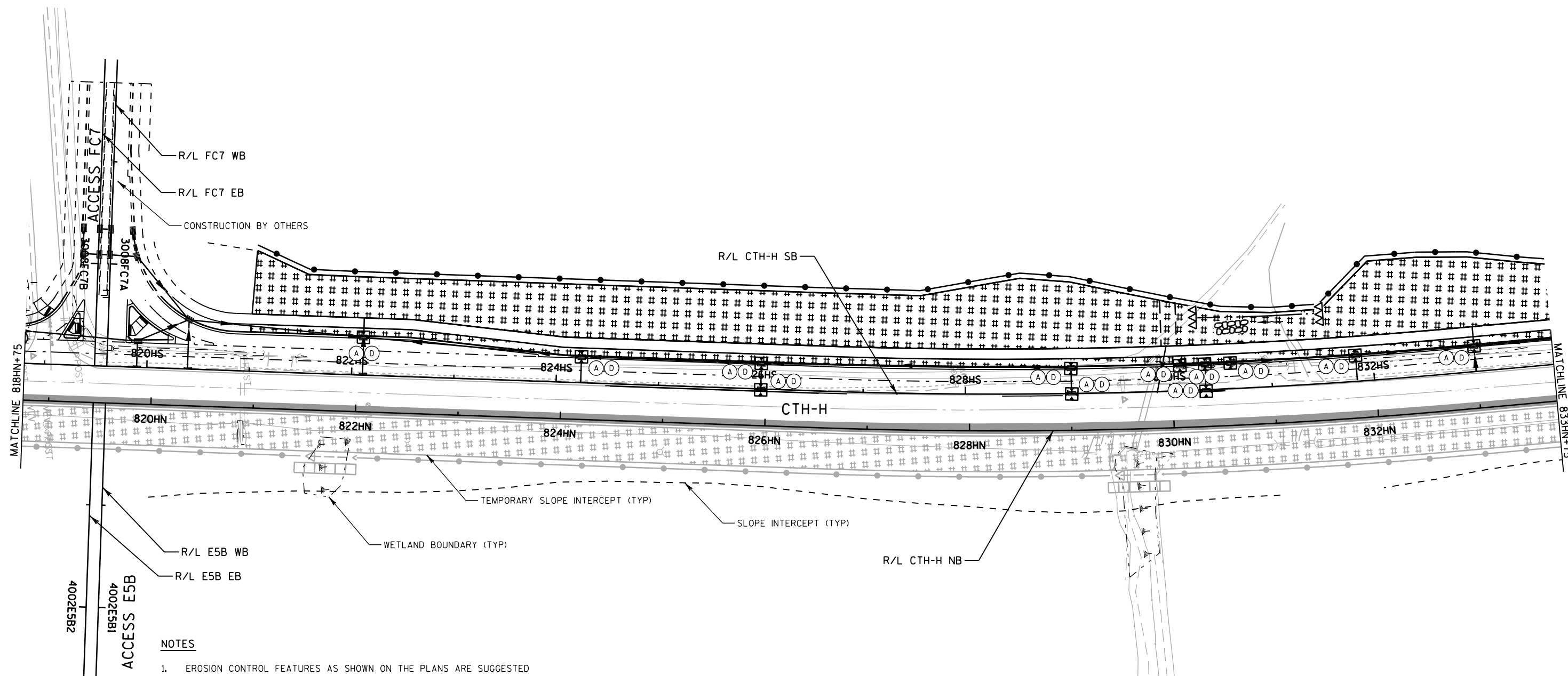
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EROSION CONTROL LEGEND

- | | |
|----------------------------------|-------------------------|
| EROSION MAT URBAN CLASS I TYPE B | INLET PROTECTION TYPE A |
| SILT FENCE | INLET PROTECTION TYPE D |
| HEAVY DUTY SILT FENCE | CULVERT PIPE CHECK |
| TURBIDITY BARRIER | RIP RAP |
| EROSION BALES | |
| SURFACE WATER FLOW | |
| TEMPORARY DITCH CHECK | |



NOTES

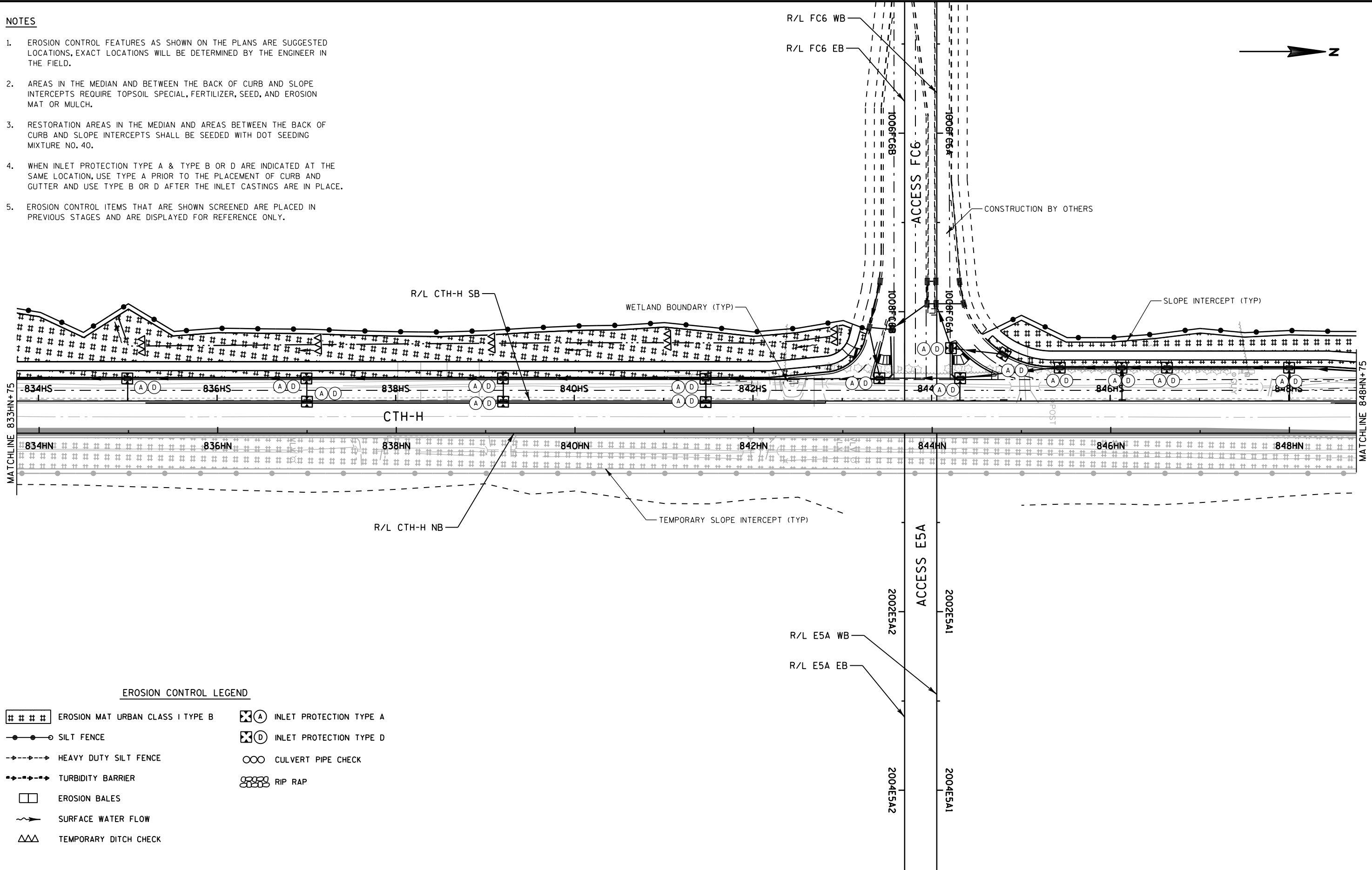
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EROSION CONTROL LEGEND

- ### EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- HEAVY DUTY SILT FENCE
- TURBIDITY BARRIER
- EROSION BALES
- ~ SURFACE WATER FLOW
- △△△ TEMPORARY DITCH CHECK
- ⊗(A) INLET PROTECTION TYPE A
- ⊗(D) INLET PROTECTION TYPE D
- ∞ CULVERT PIPE CHECK
- ⊞ RIP RAP

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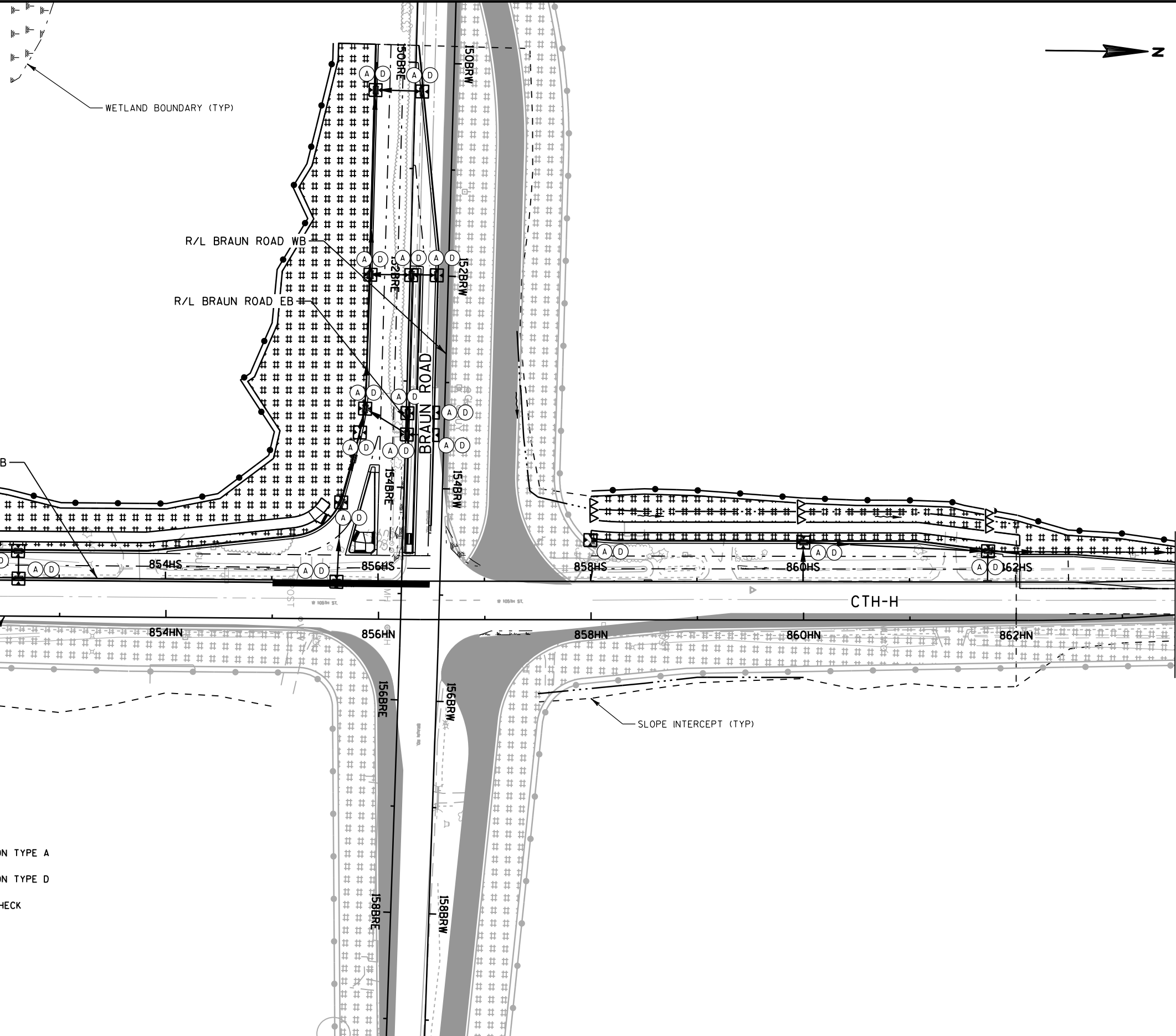


EROSION CONTROL LEGEND

- | | | | |
|---------|----------------------------------|------|-------------------------|
| ### | EROSION MAT URBAN CLASS I TYPE B | ⊗(A) | INLET PROTECTION TYPE A |
| —●— | SILT FENCE | ⊗(D) | INLET PROTECTION TYPE D |
| --->--- | HEAVY DUTY SILT FENCE | ○○ | CULVERT PIPE CHECK |
| --->--- | TURBIDITY BARRIER | ⊞ | RIP RAP |
| □ | EROSION BALES | | |
| ~> | SURFACE WATER FLOW | | |
| △△ | TEMPORARY DITCH CHECK | | |

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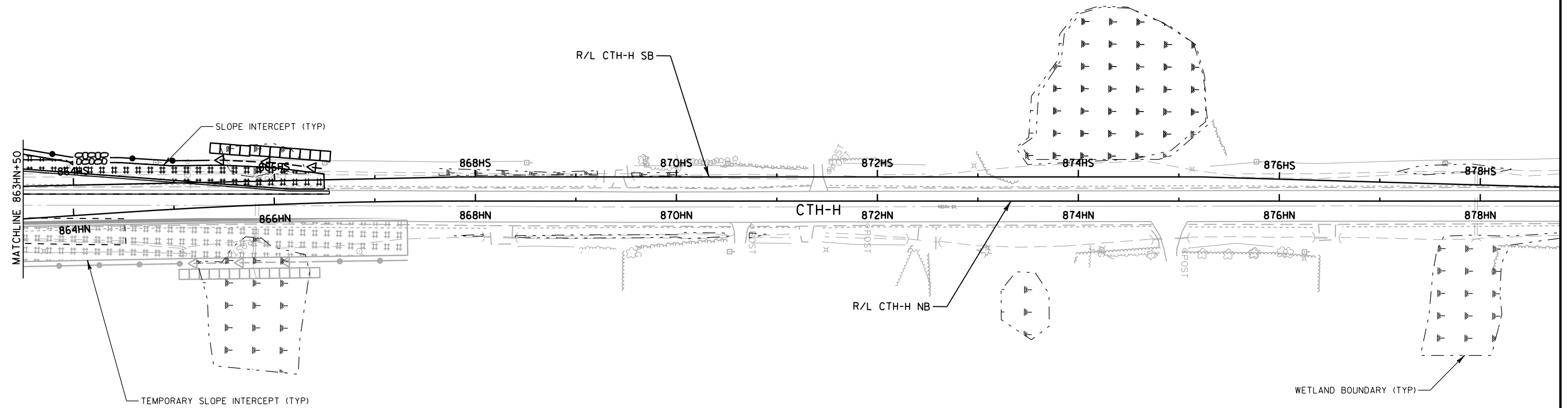


EROSION CONTROL LEGEND

- | | | | |
|-----------|----------------------------------|------|-------------------------|
| ### | EROSION MAT URBAN CLASS I TYPE B | ⊗(A) | INLET PROTECTION TYPE A |
| —●—●—● | SILT FENCE | ⊗(D) | INLET PROTECTION TYPE D |
| - - - - - | HEAVY DUTY SILT FENCE | ○ | CULVERT PIPE CHECK |
| - - - - - | TURBIDITY BARRIER | ⊞ | RIP RAP |
| □ | EROSION BALES | | |
| ~> | SURFACE WATER FLOW | | |
| △△ | TEMPORARY DITCH CHECK | | |

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EROSION CONTROL LEGEND

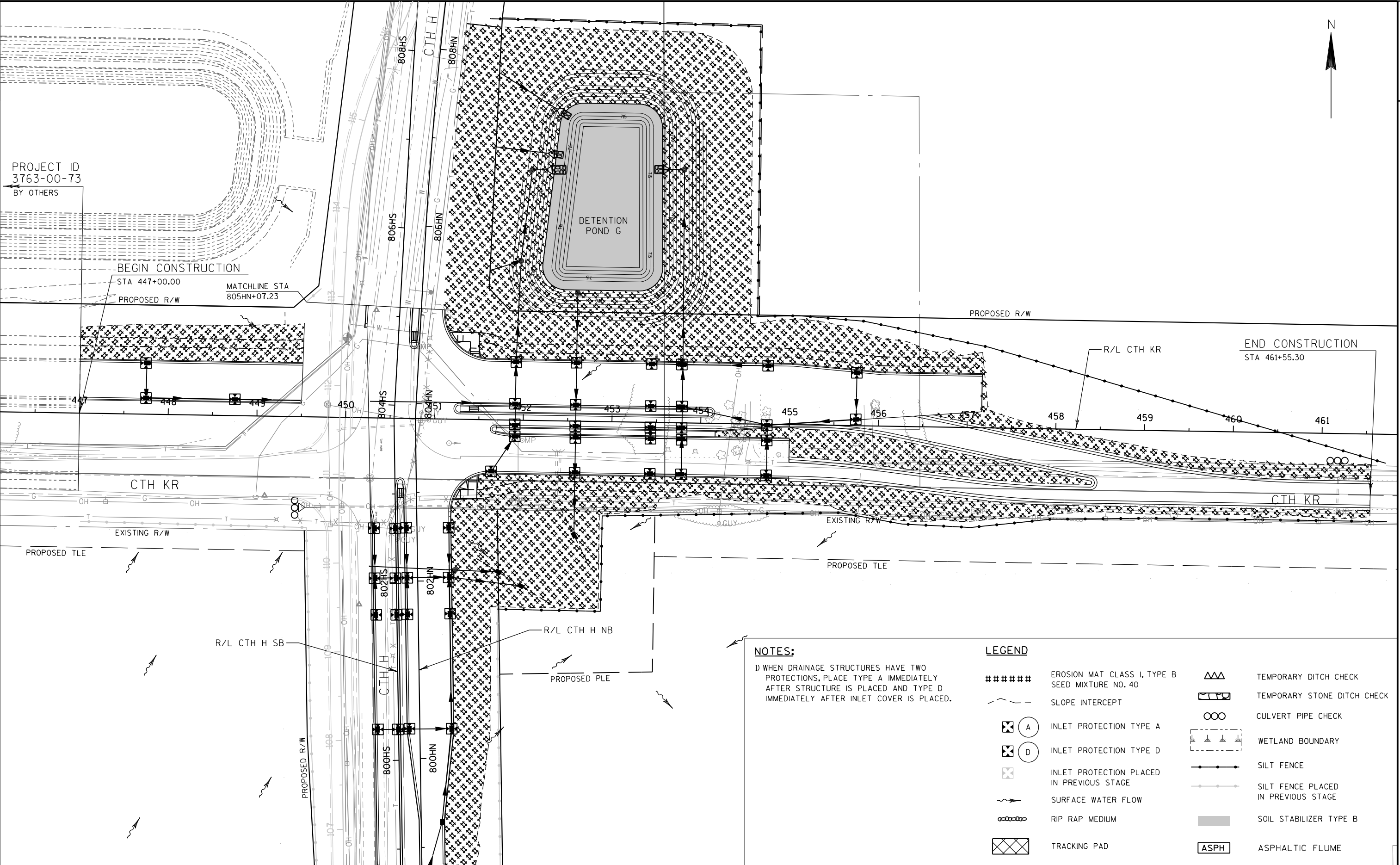
- | | | | |
|---------|----------------------------------|------|-------------------------|
| ### | EROSION MAT URBAN CLASS I TYPE B | ⊗(A) | INLET PROTECTION TYPE A |
| —●— | SILT FENCE | ⊗(D) | INLET PROTECTION TYPE D |
| —◆—◆— | HEAVY DUTY SILT FENCE | ○○ | CULVERT PIPE CHECK |
| —◆◆—◆◆— | TURBIDITY BARRIER | ⊞⊞⊞ | RIP RAP |
| □ | EROSION BALES | | |
| ~> | SURFACE WATER FLOW | | |
| △△ | TEMPORARY DITCH CHECK | | |



PROJECT ID
3763-00-73
BY OTHERS

BEGIN CONSTRUCTION
STA 447+00.00
MATCHLINE STA
805HN+07.23
PROPOSED R/W

END CONSTRUCTION
STA 461+55.30

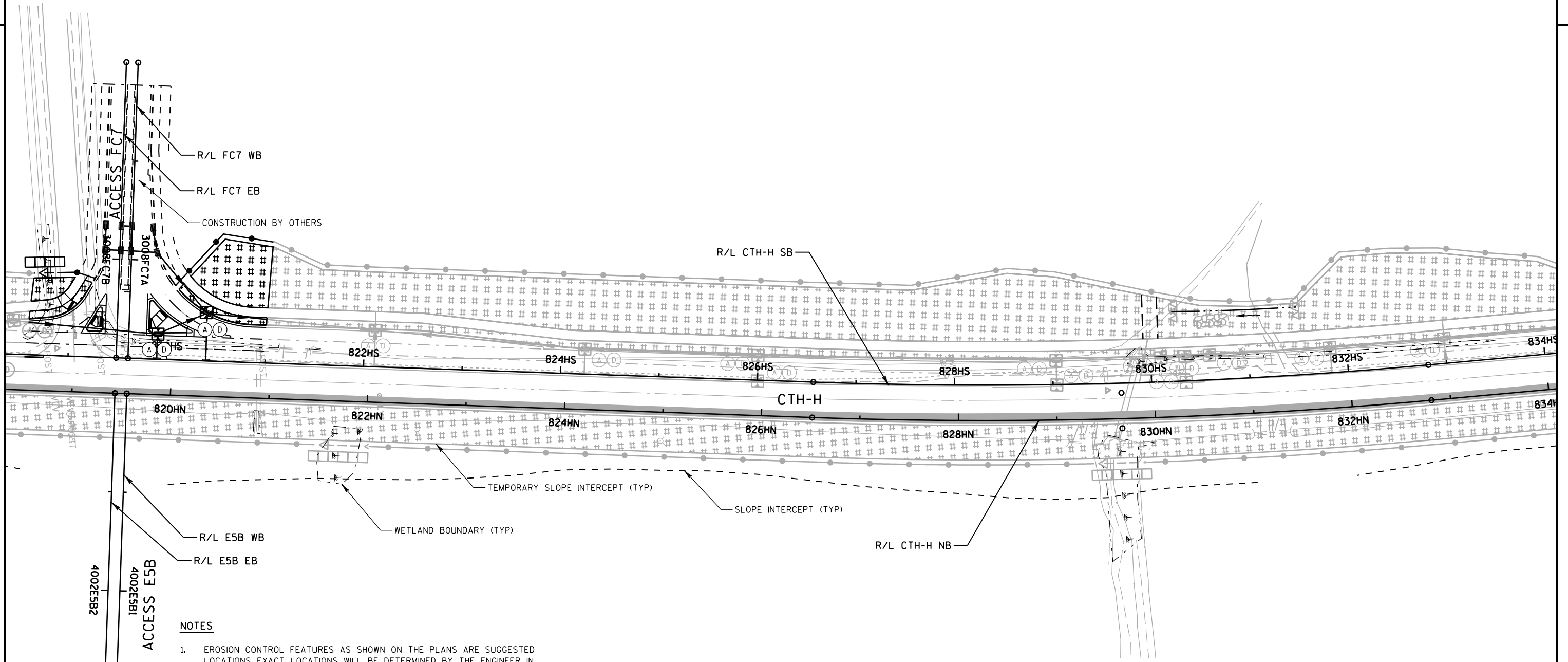


NOTES:

1) WHEN DRAINAGE STRUCTURES HAVE TWO PROTECTIONS, PLACE TYPE A IMMEDIATELY AFTER STRUCTURE IS PLACED AND TYPE D IMMEDIATELY AFTER INLET COVER IS PLACED.

LEGEND

- ##### EROSION MAT CLASS I, TYPE B SEED MIXTURE NO. 40
- ~ Slope Intercept
- ⊗ (A) INLET PROTECTION TYPE A
- ⊗ (D) INLET PROTECTION TYPE D
- ⊗ INLET PROTECTION PLACED IN PREVIOUS STAGE
- ~ Surface Water Flow
- o-o-o Rip Rap Medium
- ⊗ Tracking Pad
- △△△ Temporary Ditch Check
- ▭ Temporary Stone Ditch Check
- Culvert Pipe Check
- Wetland Boundary
- Silt Fence
- Silt Fence Placed in Previous Stage
- Soil Stabilizer Type B
- ASPH Asphaltic Flume

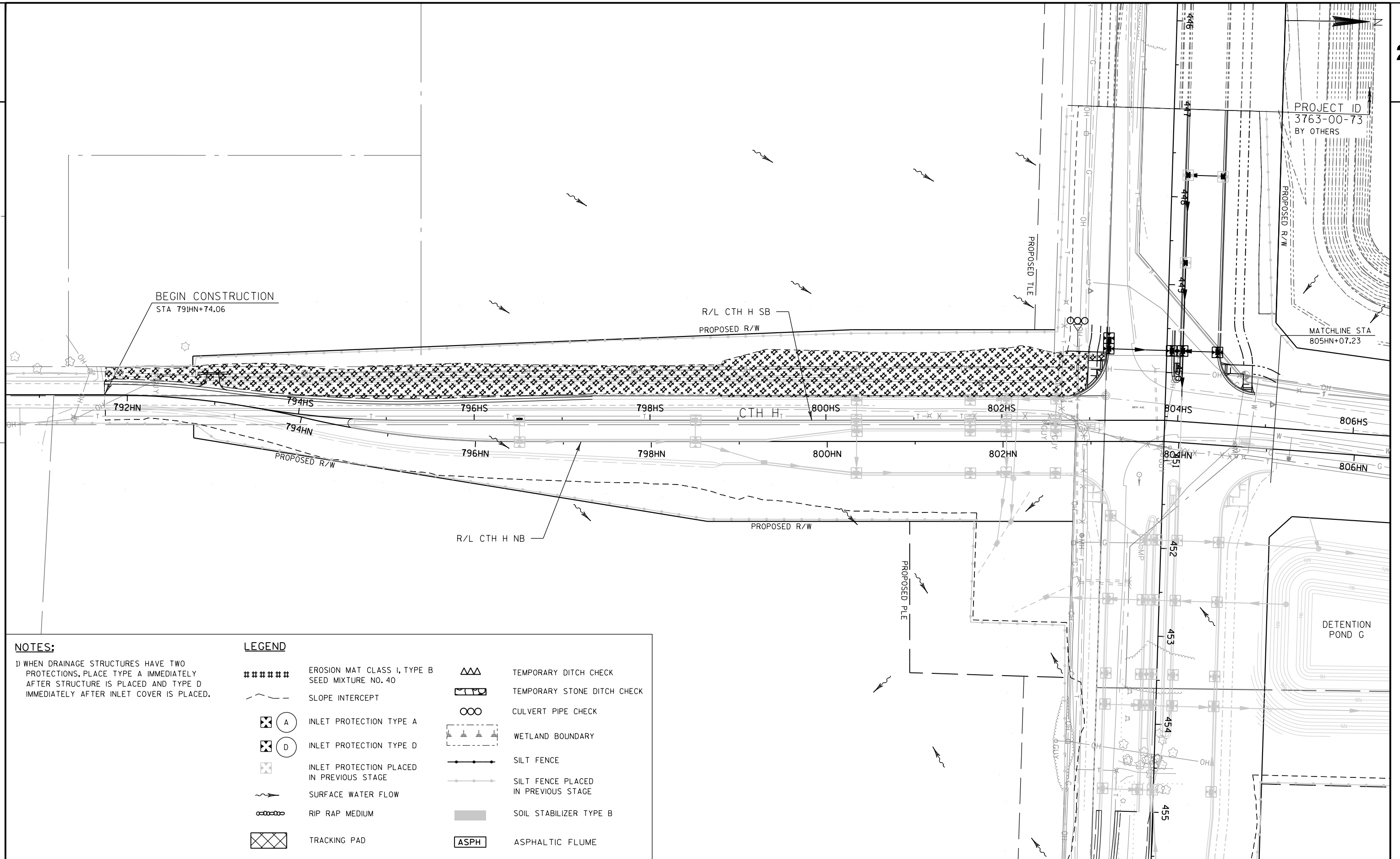


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EROSION CONTROL LEGEND

- | | | | |
|-----------|----------------------------------|------|-------------------------|
| ### | EROSION MAT URBAN CLASS I TYPE B | ⊗(A) | INLET PROTECTION TYPE A |
| —●—●—● | SILT FENCE | ⊗(D) | INLET PROTECTION TYPE D |
| - - - - - | HEAVY DUTY SILT FENCE | ∞ | CULVERT PIPE CHECK |
| - - - - - | TURBIDITY BARRIER | ⊞ | RIP RAP |
| □ | EROSION BALES | | |
| ~> | SURFACE WATER FLOW | | |
| △△ | TEMPORARY DITCH CHECK | | |



PROJECT ID
3763-00-73
BY OTHERS

BEGIN CONSTRUCTION
STA 791HN+74.06

MATCHLINE STA
805HN+07.23

DETENTION
POND G

NOTES:

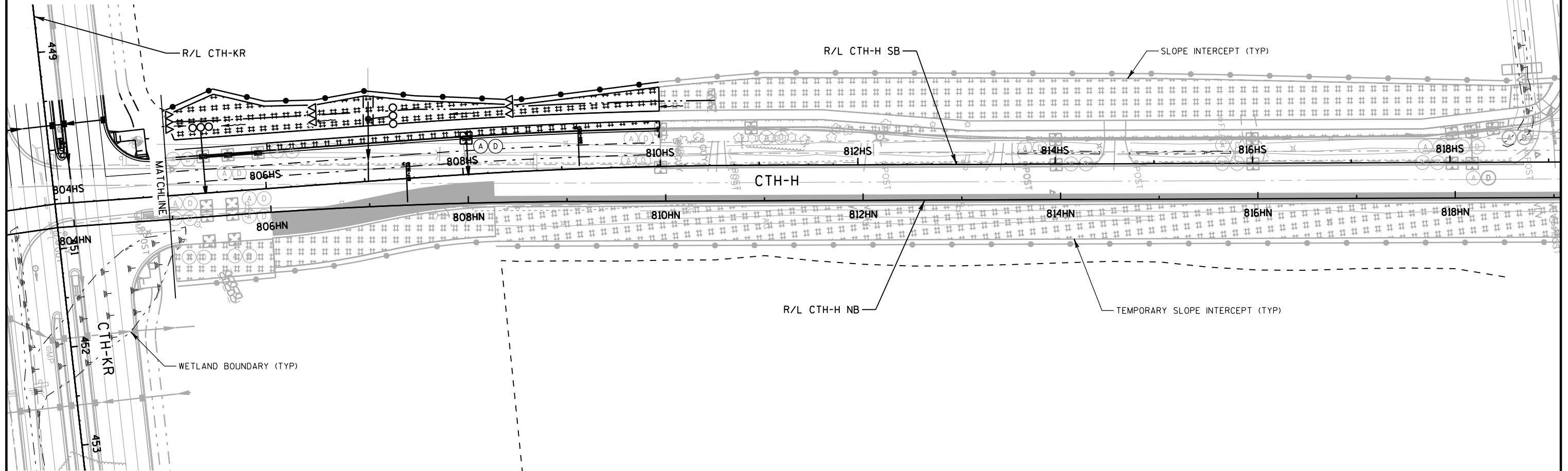
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LEGEND

- | | | | |
|-------|---|------|-------------------------------------|
| ##### | EROSION MAT CLASS I, TYPE B SEED MIXTURE NO. 40 | △△△ | TEMPORARY DITCH CHECK |
| ~ | SLOPE INTERCEPT | ▬▬▬ | TEMPORARY STONE DITCH CHECK |
| ⊗ (A) | INLET PROTECTION TYPE A | ○○○ | CULVERT PIPE CHECK |
| ⊗ (D) | INLET PROTECTION TYPE D | ▬▬▬ | WETLAND BOUNDARY |
| ⊗ | INLET PROTECTION PLACED IN PREVIOUS STAGE | —●— | SILT FENCE |
| ~ | SURFACE WATER FLOW | —●— | SILT FENCE PLACED IN PREVIOUS STAGE |
| ○-○-○ | RIP RAP MEDIUM | ■ | SOIL STABILIZER TYPE B |
| ⊗ | TRACKING PAD | ASPH | ASPHALTIC FLUME |

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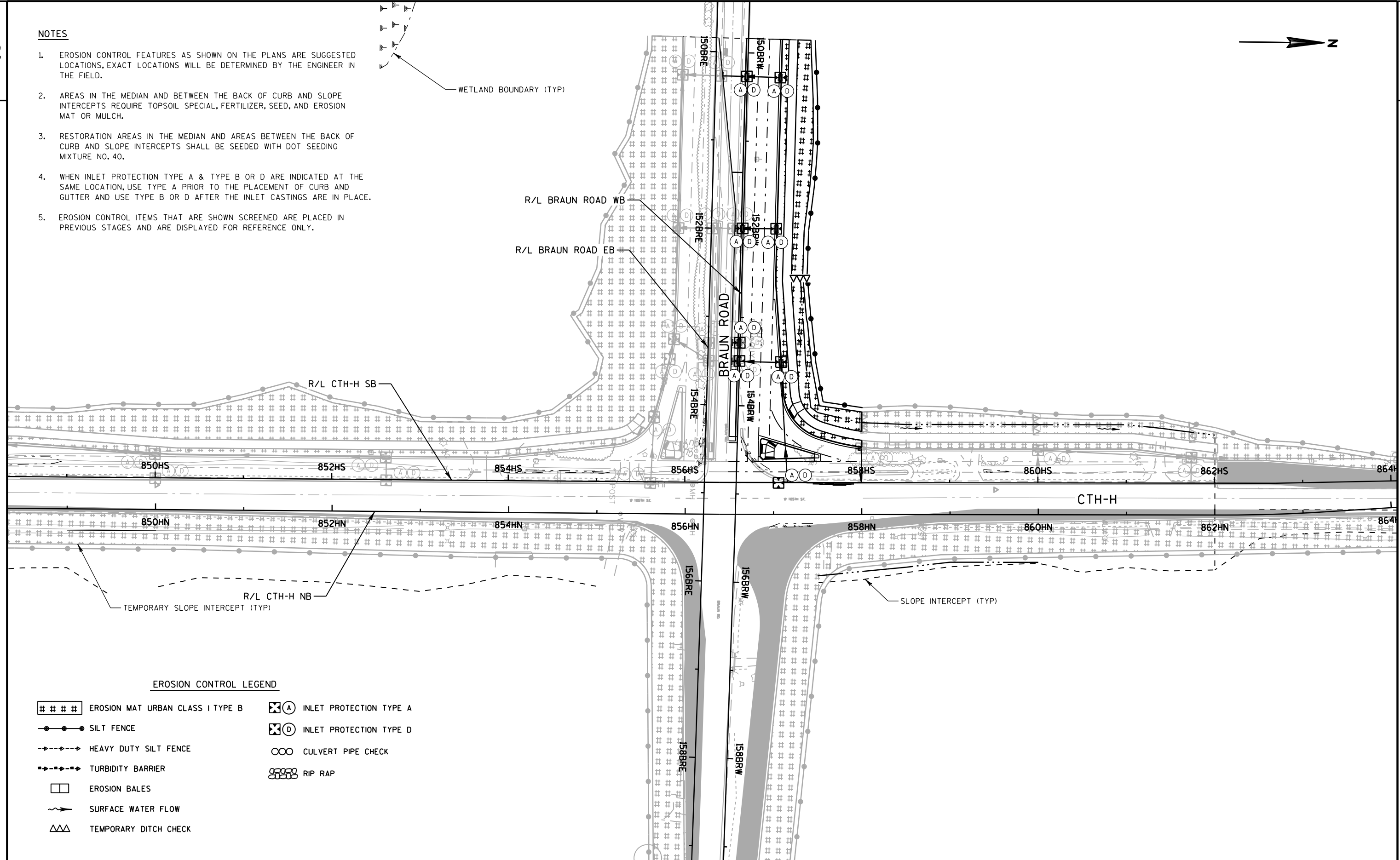


EROSION CONTROL LEGEND

- | | |
|----------------------------------|-------------------------|
| EROSION MAT URBAN CLASS I TYPE B | INLET PROTECTION TYPE A |
| SILT FENCE | INLET PROTECTION TYPE D |
| HEAVY DUTY SILT FENCE | CULVERT PIPE CHECK |
| TURBIDITY BARRIER | RIP RAP |
| EROSION BALES | |
| SURFACE WATER FLOW | |
| TEMPORARY DITCH CHECK | |

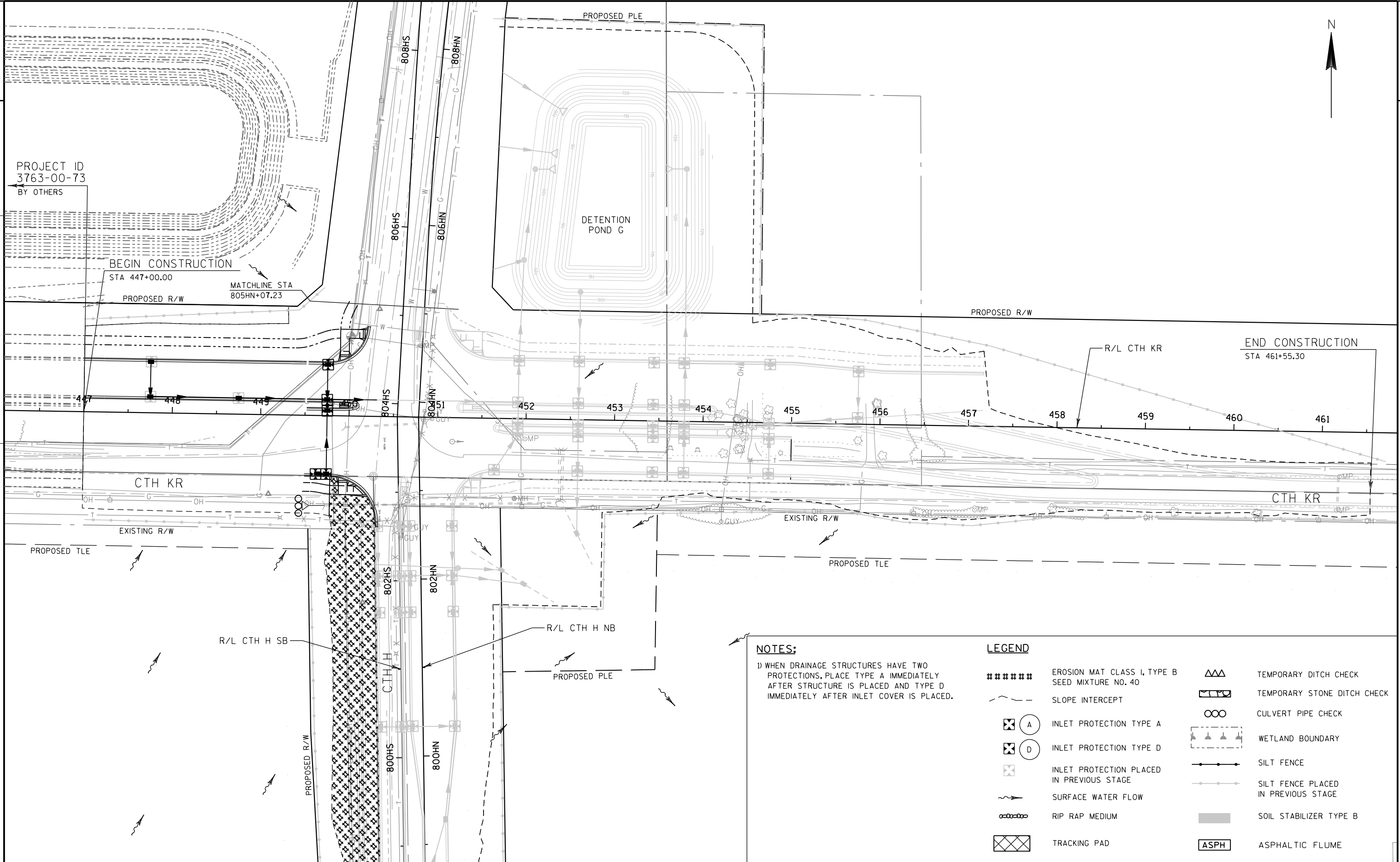
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EROSION CONTROL LEGEND

- | | | | |
|-------------|----------------------------------|------|-------------------------|
| ### | EROSION MAT URBAN CLASS I TYPE B | ⊗(A) | INLET PROTECTION TYPE A |
| —●—●—● | SILT FENCE | ⊗(D) | INLET PROTECTION TYPE D |
| ---●---●--- | HEAVY DUTY SILT FENCE | ○ | CULVERT PIPE CHECK |
| ---●---●--- | TURBIDITY BARRIER | ⊗ | RIP RAP |
| □ | EROSION BALES | | |
| ~> | SURFACE WATER FLOW | | |
| △△ | TEMPORARY DITCH CHECK | | |



PROJECT ID
3763-00-73
BY OTHERS

BEGIN CONSTRUCTION
STA 447+00.00
MATCHLINE STA
805HN+07.23
PROPOSED R/W

PROPOSED R/W
R/L CTH KR
END CONSTRUCTION
STA 461+55.30

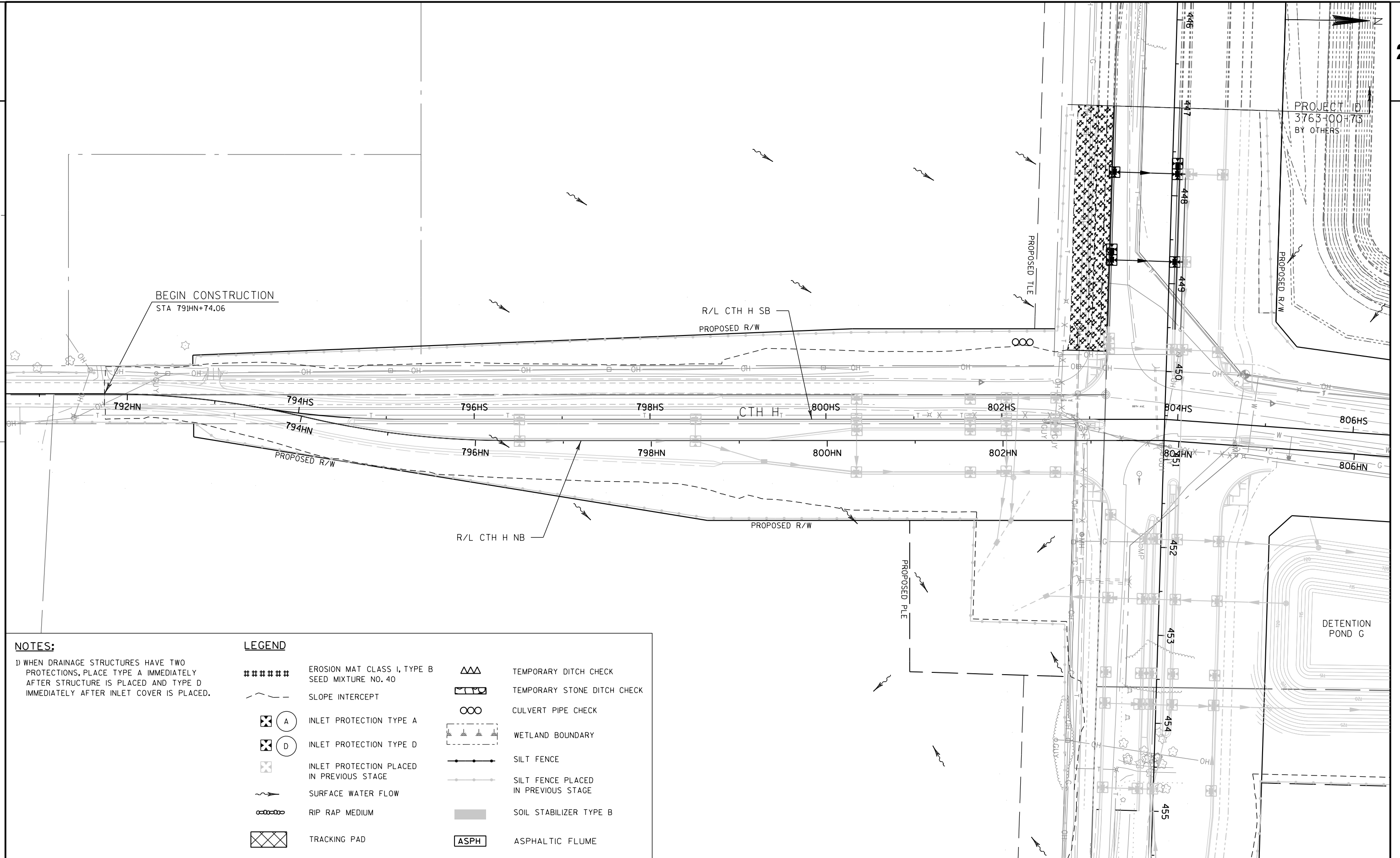
EXISTING R/W
PROPOSED TLE
R/L CTH H SB
R/L CTH H NB
PROPOSED PLE

NOTES:

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LEGEND

- | | | | |
|-------|---|-------|-------------------------------------|
| ##### | EROSION MAT CLASS I, TYPE B SEED MIXTURE NO. 40 | △△△ | TEMPORARY DITCH CHECK |
| — | SLOPE INTERCEPT | ▬▬▬ | TEMPORARY STONE DITCH CHECK |
| ⊗ (A) | INLET PROTECTION TYPE A | ∞∞ | CULVERT PIPE CHECK |
| ⊗ (D) | INLET PROTECTION TYPE D | ▬▬▬▬▬ | WETLAND BOUNDARY |
| ⊗ | INLET PROTECTION PLACED IN PREVIOUS STAGE | —●— | SILT FENCE |
| ~ | SURFACE WATER FLOW | —●—●— | SILT FENCE PLACED IN PREVIOUS STAGE |
| ⊖ | RIP RAP MEDIUM | ■ | SOIL STABILIZER TYPE B |
| ⊗ | TRACKING PAD | ASPH | ASPHALTIC FLUME |



PROJECT ID
3763-00-73
BY OTHERS

BEGIN CONSTRUCTION
STA 791HN+74.06

R/L CTH H SB
PROPOSED R/W

R/L CTH H NB

DETENTION
POND G

NOTES:

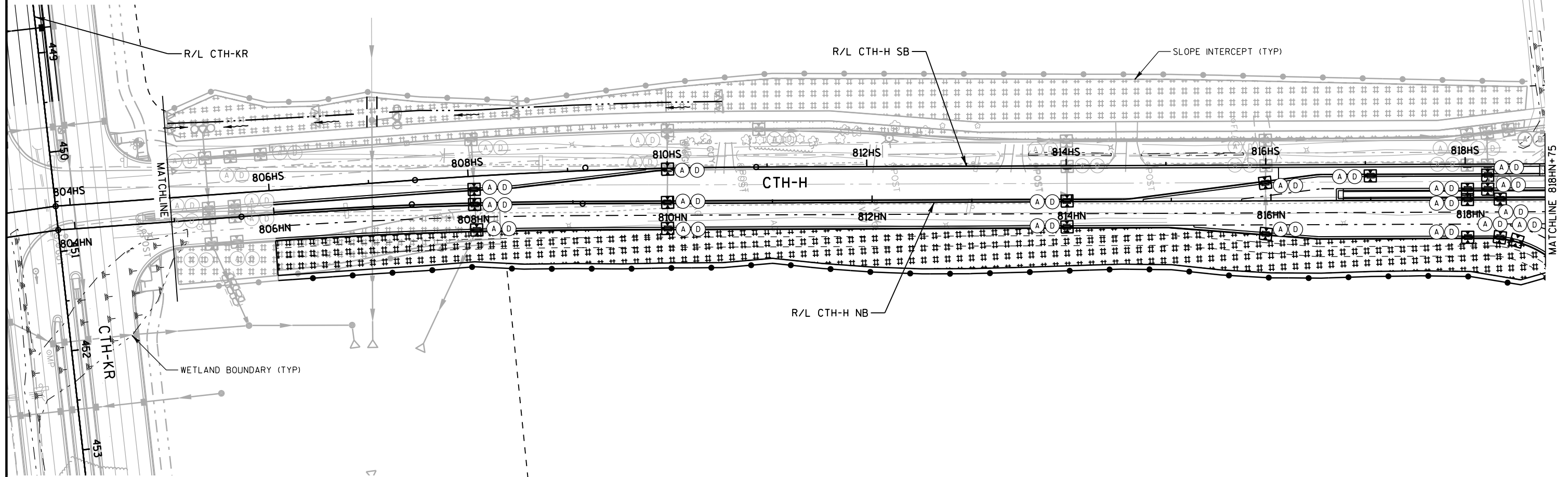
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LEGEND

- | | | | |
|---------|---|-------|-------------------------------------|
| ##### | EROSION MAT CLASS I, TYPE B SEED MIXTURE NO. 40 | △△△ | TEMPORARY DITCH CHECK |
| — | SLOPE INTERCEPT | ▬▬▬ | TEMPORARY STONE DITCH CHECK |
| ⊗ (A) | INLET PROTECTION TYPE A | ○○○ | CULVERT PIPE CHECK |
| ⊗ (D) | INLET PROTECTION TYPE D | ▬▬▬▬▬ | WETLAND BOUNDARY |
| ⊗ | INLET PROTECTION PLACED IN PREVIOUS STAGE | —●—●— | SILT FENCE |
| ~ | SURFACE WATER FLOW | —●—●— | SILT FENCE PLACED IN PREVIOUS STAGE |
| ○-○-○-○ | RIP RAP MEDIUM | ■ | SOIL STABILIZER TYPE B |
| ⊗ | TRACKING PAD | ASPH | ASPHALTIC FLUME |

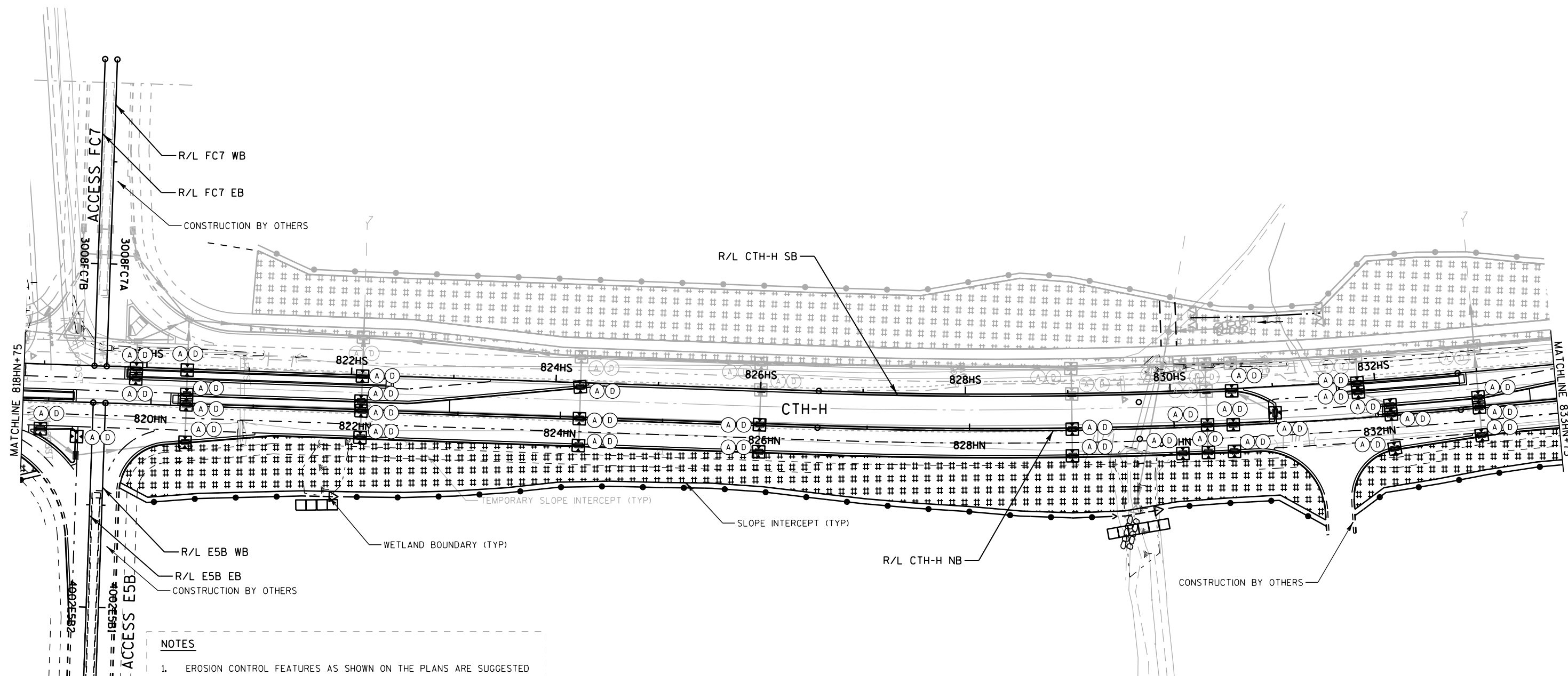
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4. WHEN INLET PROTECTION TYPE A & TYPE B OR D ARE INDICATED AT THE SAME LOCATION, USE TYPE A PRIOR TO THE PLACEMENT OF CURB AND GUTTER AND USE TYPE B OR D AFTER THE INLET CASTINGS ARE IN PLACE.
5. EROSION CONTROL ITEMS THAT ARE SHOWN SCREENED ARE PLACED IN PREVIOUS STAGES AND ARE DISPLAYED FOR REFERENCE ONLY.



EROSION CONTROL LEGEND

- | | |
|----------------------------------|-------------------------|
| EROSION MAT URBAN CLASS I TYPE B | INLET PROTECTION TYPE A |
| SILT FENCE | INLET PROTECTION TYPE D |
| HEAVY DUTY SILT FENCE | CULVERT PIPE CHECK |
| TURBIDITY BARRIER | RIP RAP |
| EROSION BALES | |
| SURFACE WATER FLOW | |
| TEMPORARY DITCH CHECK | |



NOTES

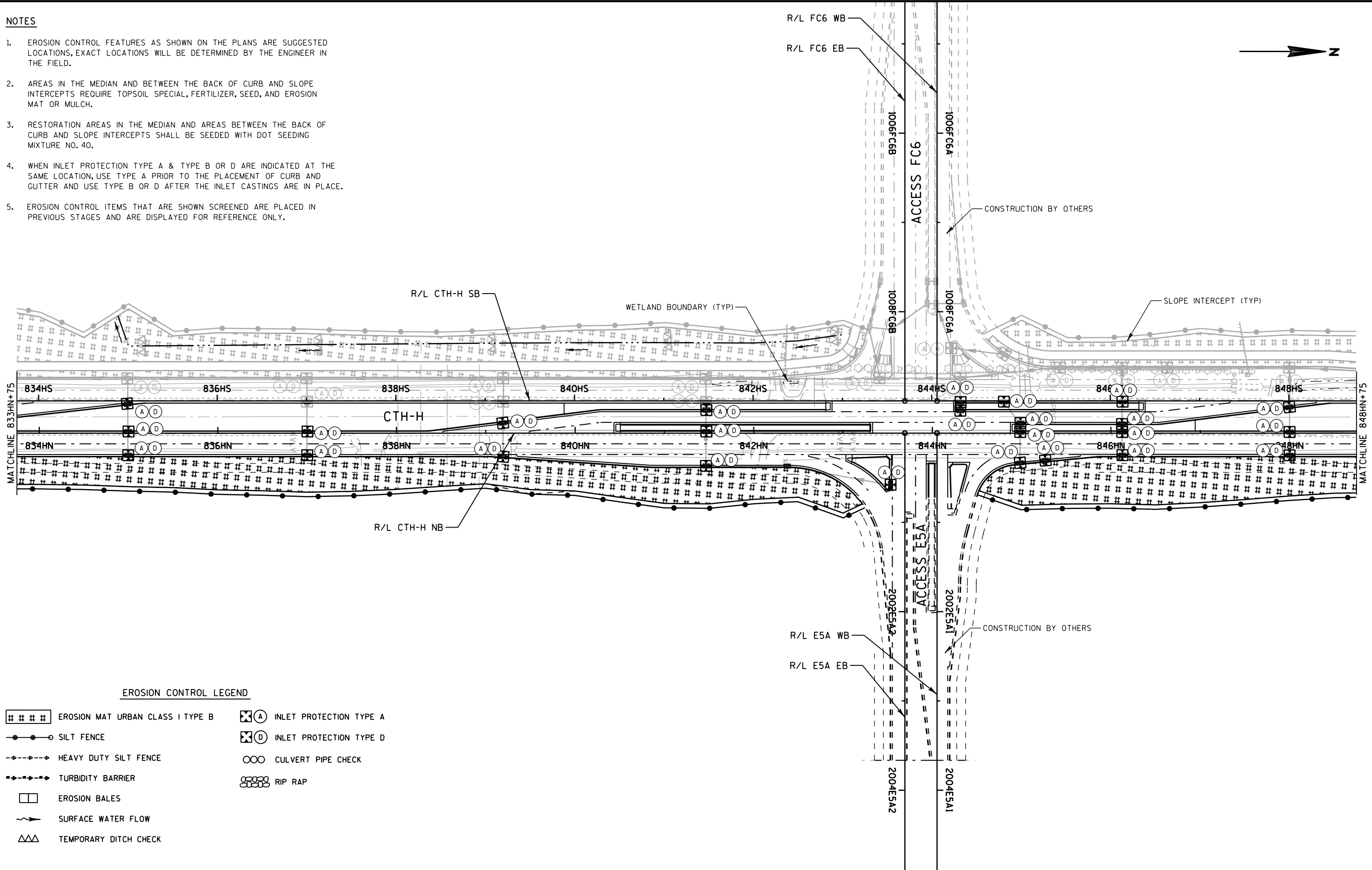
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EROSION CONTROL LEGEND

- | | | | |
|-----------|----------------------------------|-----|-------------------------|
| ### | EROSION MAT URBAN CLASS I TYPE B | ⊗ A | INLET PROTECTION TYPE A |
| —●—●— | SILT FENCE | ⊗ D | INLET PROTECTION TYPE D |
| - - - - - | HEAVY DUTY SILT FENCE | ∞ | CULVERT PIPE CHECK |
| - - - - - | TURBIDITY BARRIER | ⊗ | RIP RAP |
| □ | EROSION BALES | | |
| ~> | SURFACE WATER FLOW | | |
| △△ | TEMPORARY DITCH CHECK | | |

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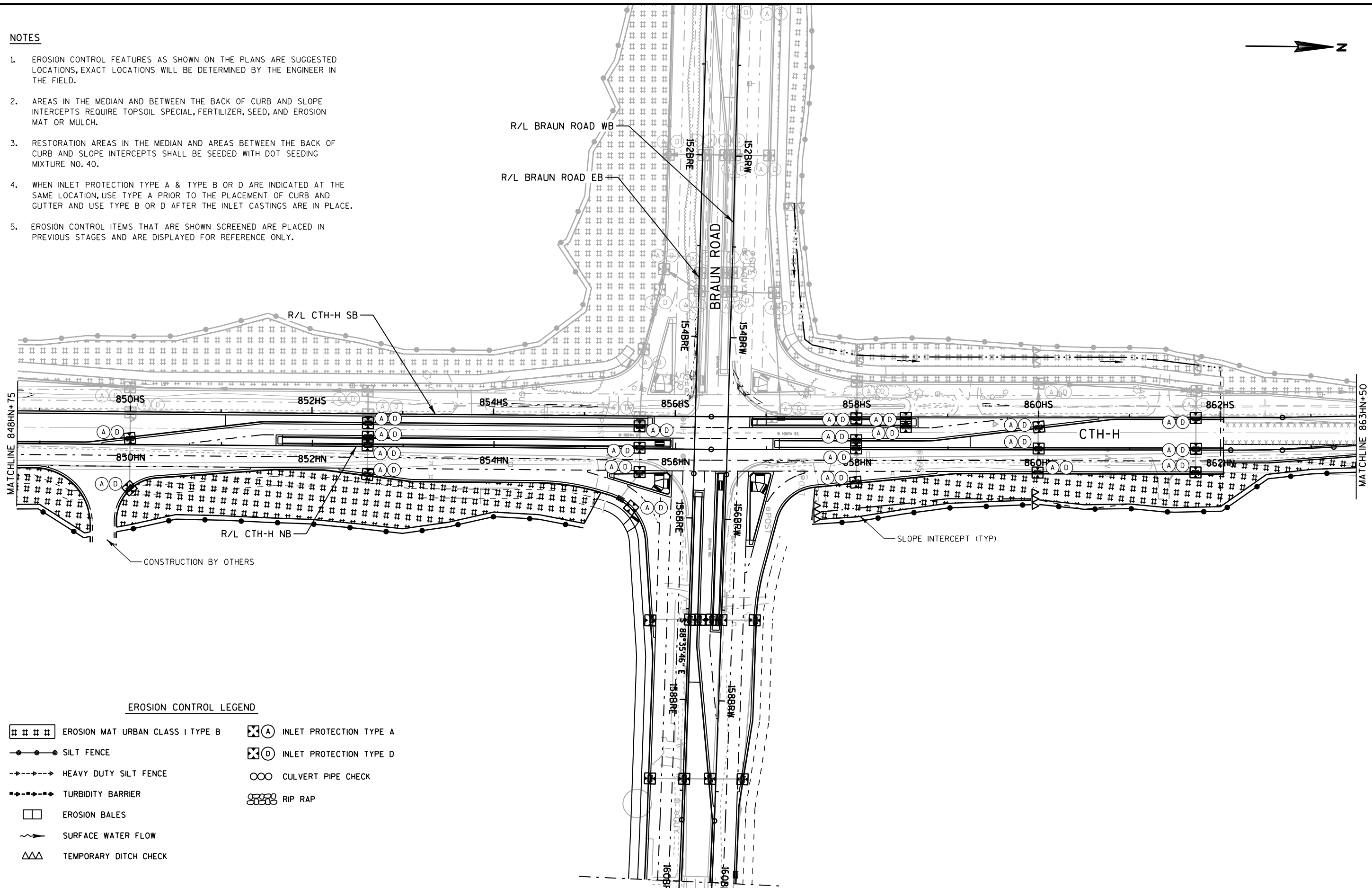


EROSION CONTROL LEGEND

- ### EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- HEAVY DUTY SILT FENCE
- TURBIDITY BARRIER
- EROSION BALES
- > SURFACE WATER FLOW
- △△ TEMPORARY DITCH CHECK
- ⊗(A) INLET PROTECTION TYPE A
- ⊗(D) INLET PROTECTION TYPE D
- CULVERT PIPE CHECK
- ⊗ RIP RAP

NOTES

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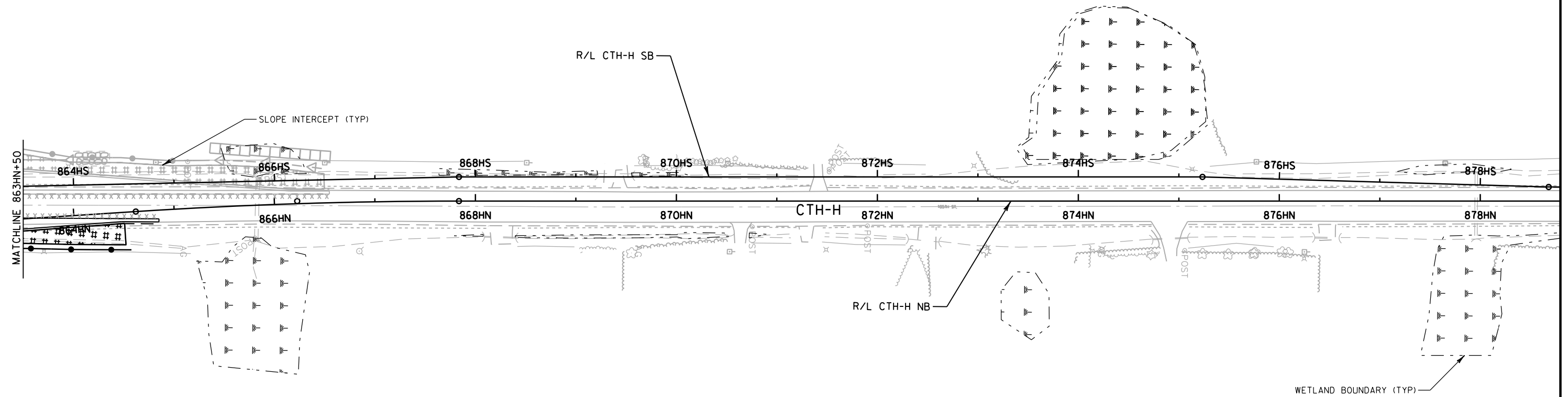


EROSION CONTROL LEGEND

- | | | | |
|-------------|----------------------------------|-----|-------------------------|
| ### | EROSION MAT URBAN CLASS I TYPE B | ⊗ A | INLET PROTECTION TYPE A |
| —●—●— | SILT FENCE | ⊗ D | INLET PROTECTION TYPE D |
| - - - - - | HEAVY DUTY SILT FENCE | ○○ | CULVERT PIPE CHECK |
| - · - · - · | TURBIDITY BARRIER | ⊞ | RIP RAP |
| □ | EROSION BALES | | |
| ~> | SURFACE WATER FLOW | | |
| △△ | TEMPORARY DITCH CHECK | | |

NOTES

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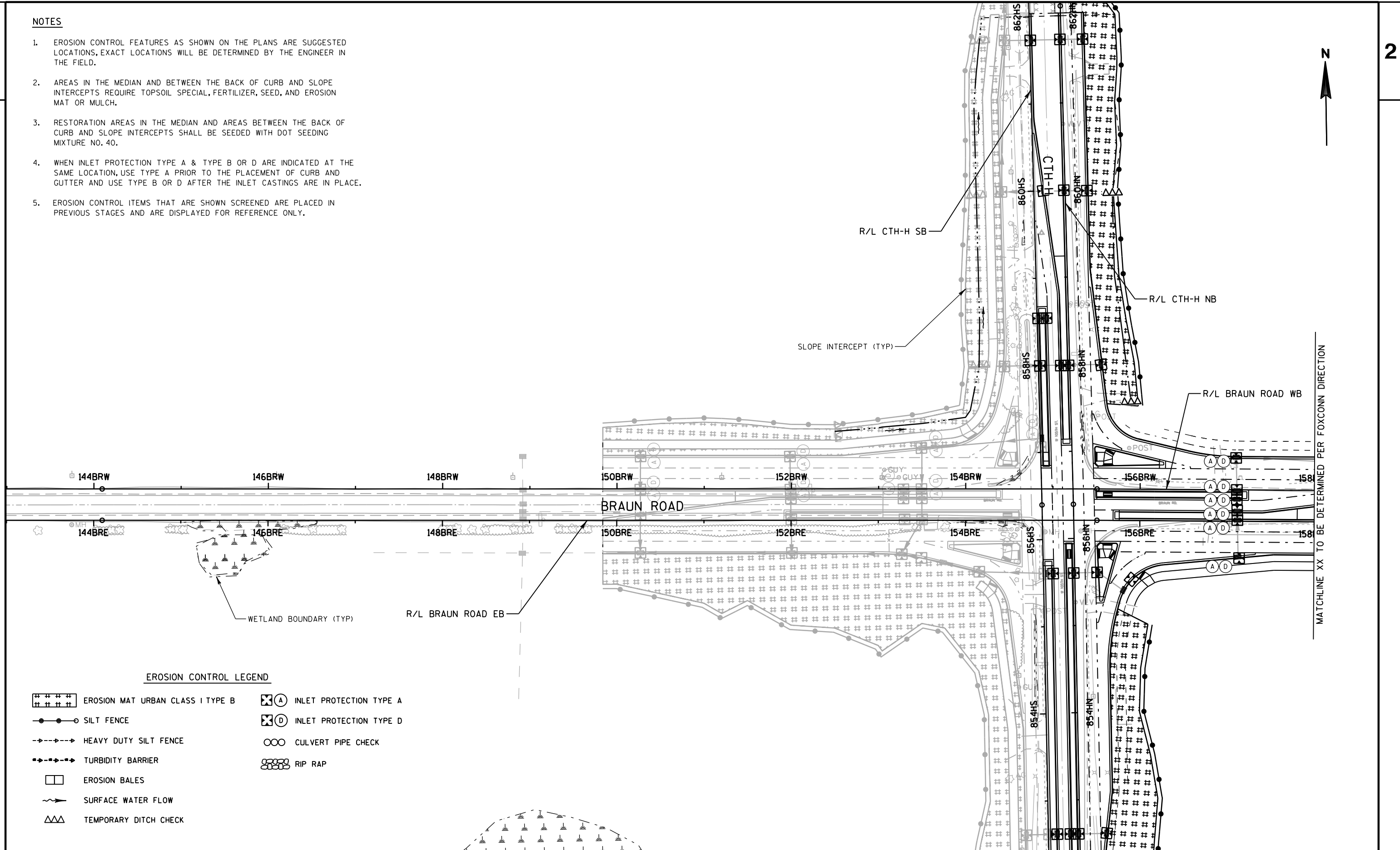


EROSION CONTROL LEGEND

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|---------|----------------------------------|------|-------------------------|
| ### | EROSION MAT URBAN CLASS I TYPE B | ⊗(A) | INLET PROTECTION TYPE A |
| —●—●—●— | SILT FENCE | ⊗(D) | INLET PROTECTION TYPE D |
| —●—●—●— | HEAVY DUTY SILT FENCE | ○○ | CULVERT PIPE CHECK |
| —●—●—●— | TURBIDITY BARRIER | ⊗ | RIP RAP |
| □ | EROSION BALES | | |
| ~> | SURFACE WATER FLOW | | |
| △△ | TEMPORARY DITCH CHECK | | |

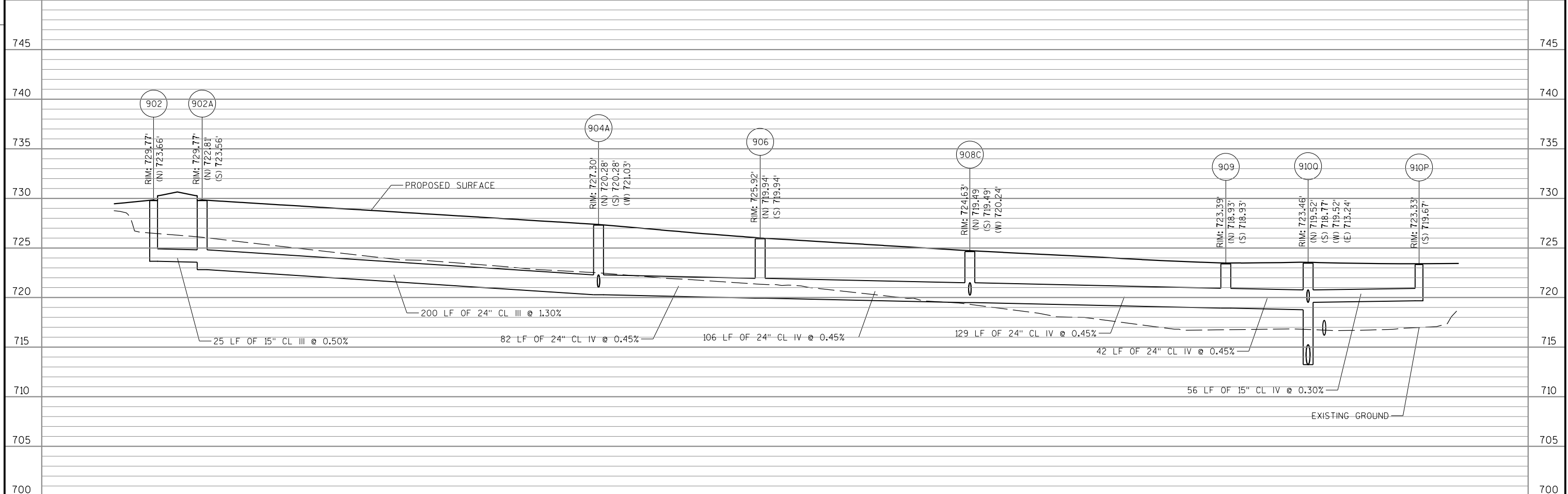
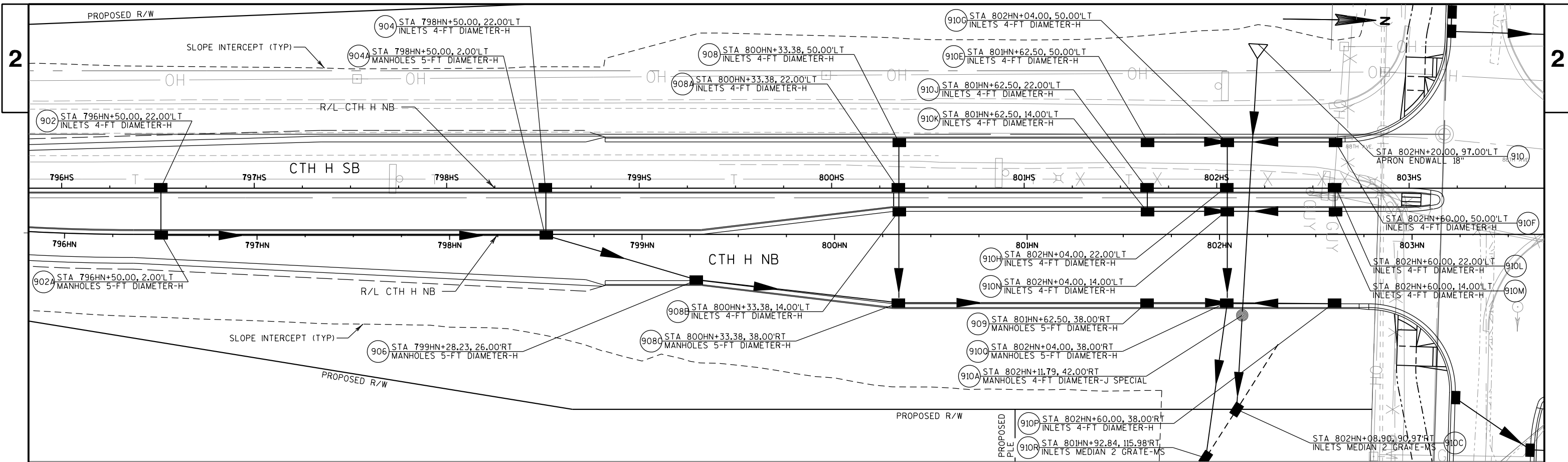
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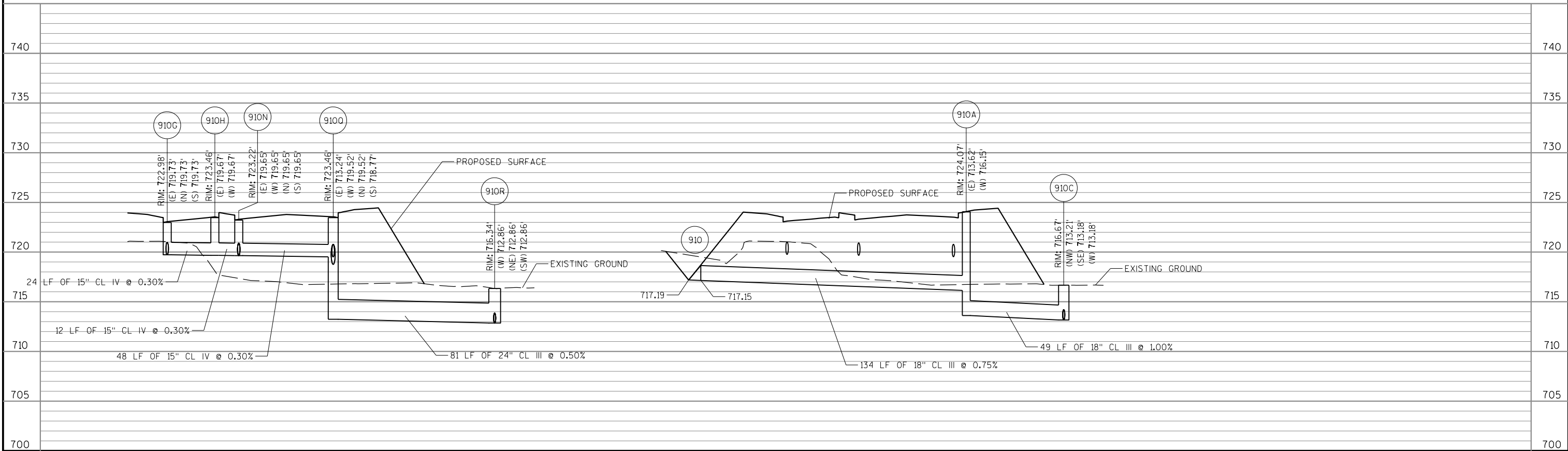
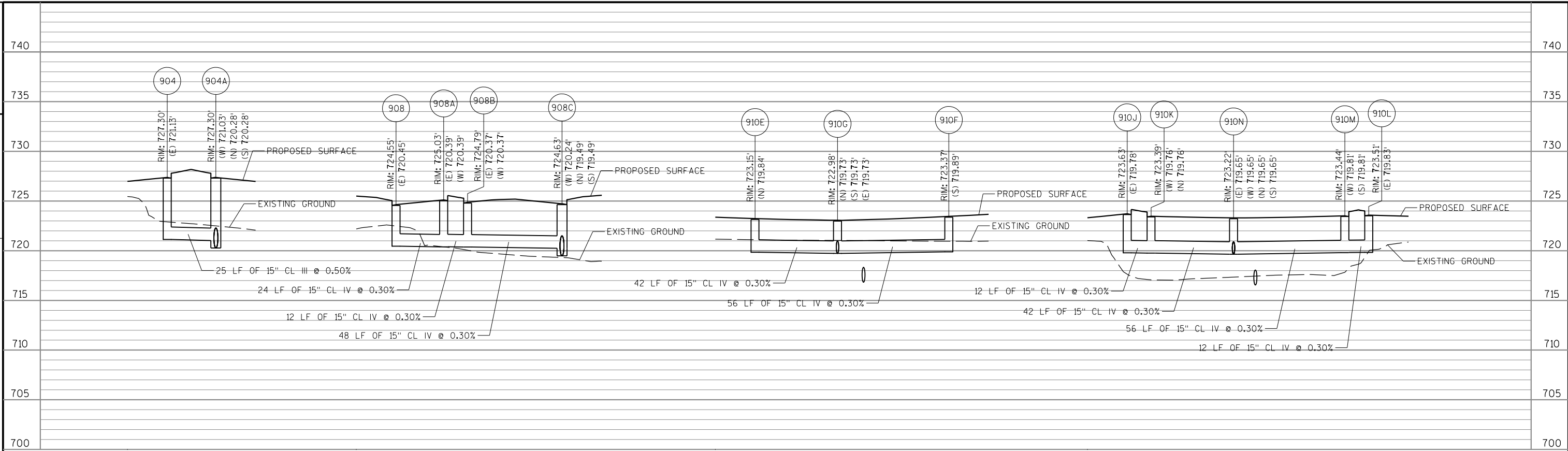


EROSION CONTROL LEGEND

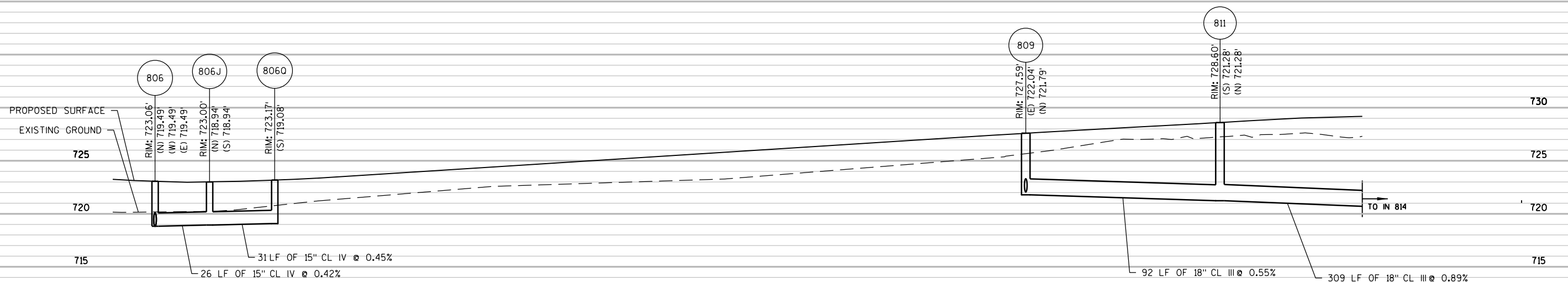
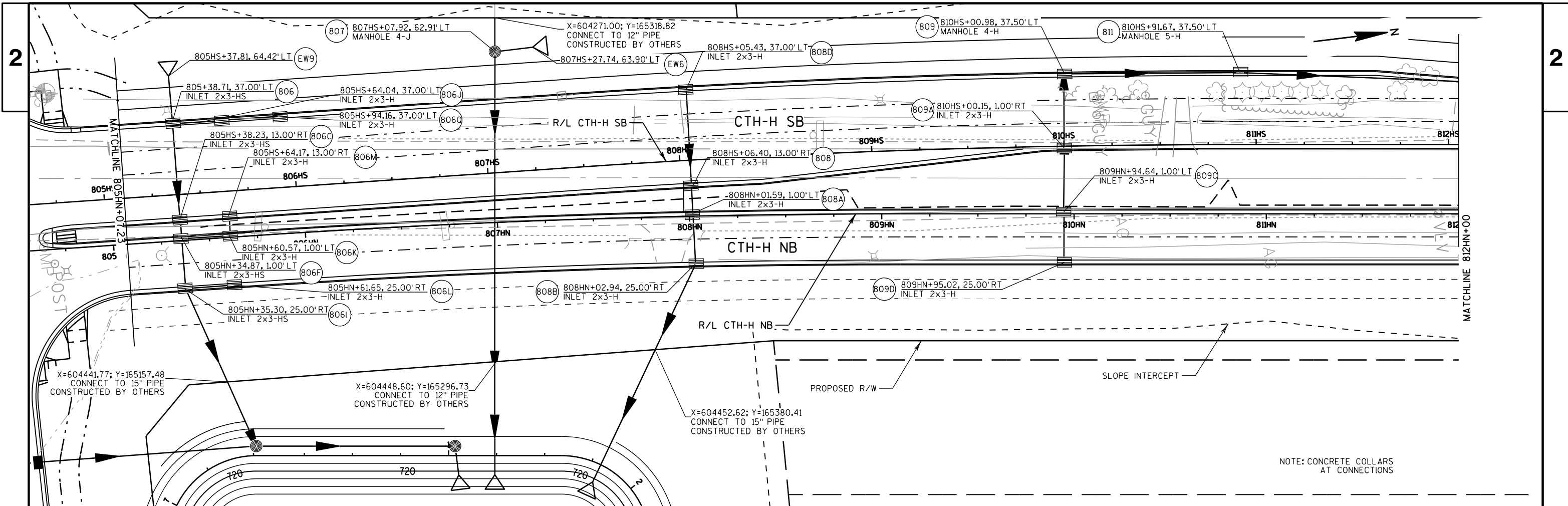
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| EROSION MAT URBAN CLASS I TYPE B | INLET PROTECTION TYPE A |
| SILT FENCE | INLET PROTECTION TYPE D |
| HEAVY DUTY SILT FENCE | CULVERT PIPE CHECK |
| TURBIDITY BARRIER | RIP RAP |
| EROSION BALES | |
| SURFACE WATER FLOW | |
| TEMPORARY DITCH CHECK | |



PROJECT NO: 3760-00-70	HWY: CTH H	COUNTY: RACINE	STORM SEWER PLAN AND PROFILE: CTH H	SHEET E
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PROJECT NO: 3760-00-70	HWY: CTH H	COUNTY: RACINE	STORM SEWER PLAN AND PROFILE: CTH H	SHEET	E
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PROJECT NO: 3760-00-00

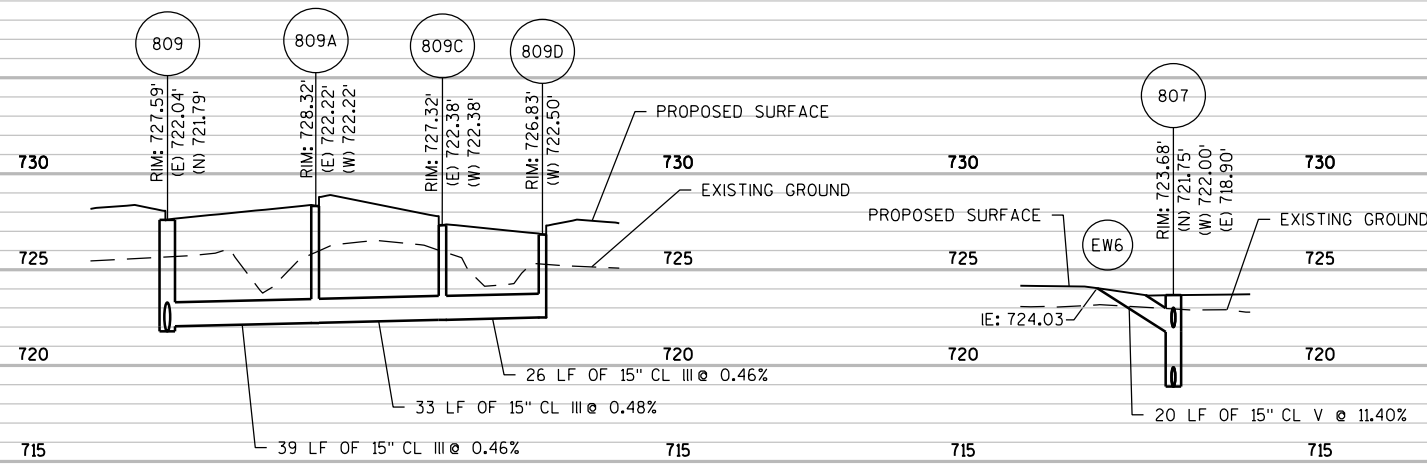
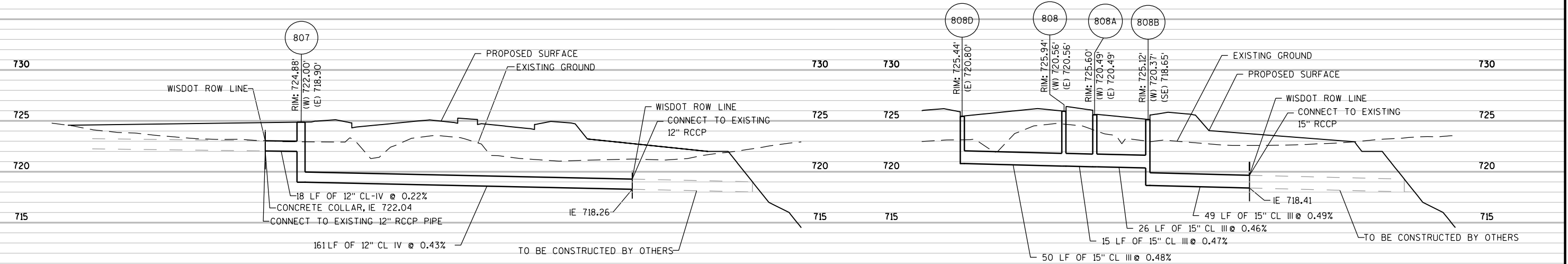
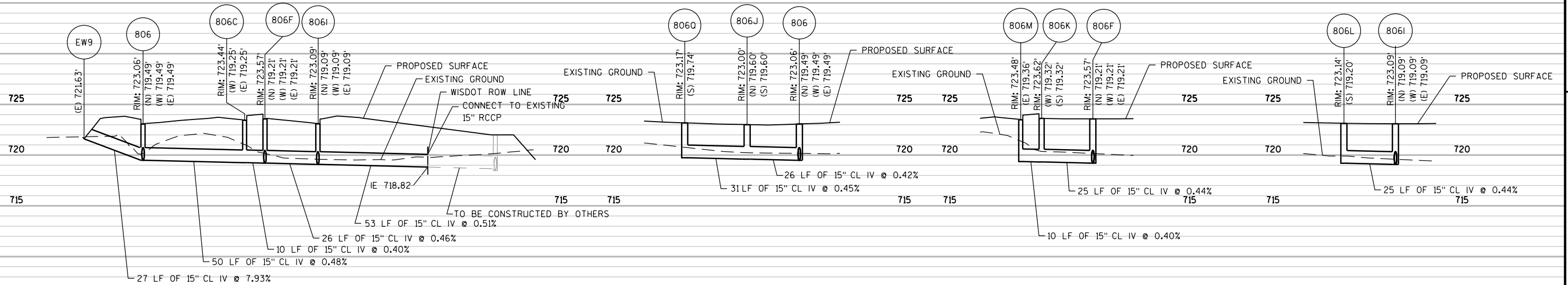
HWY: CTH H

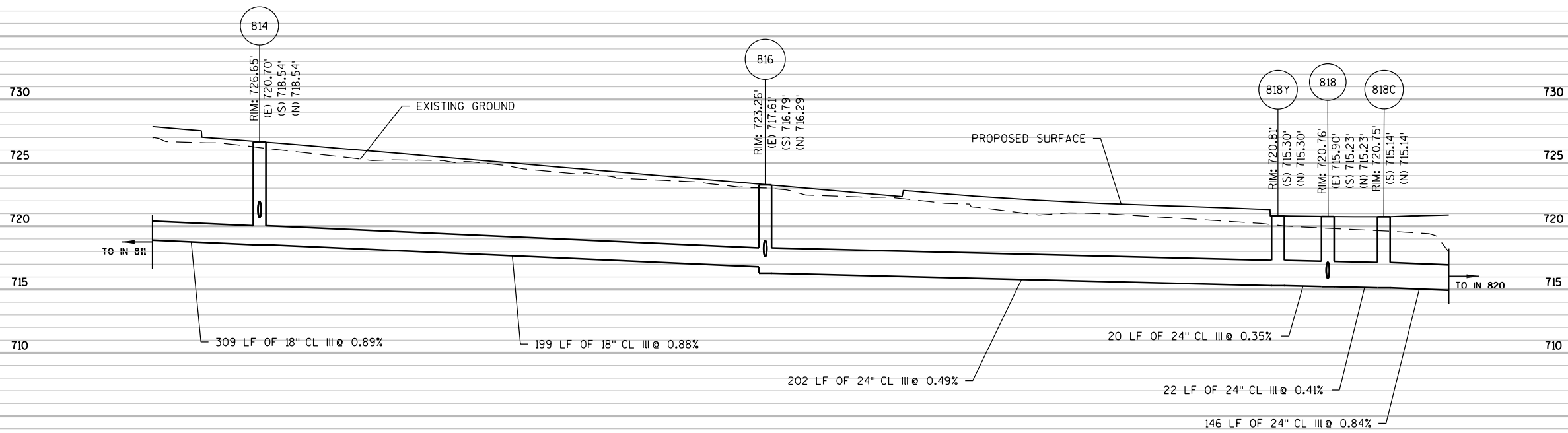
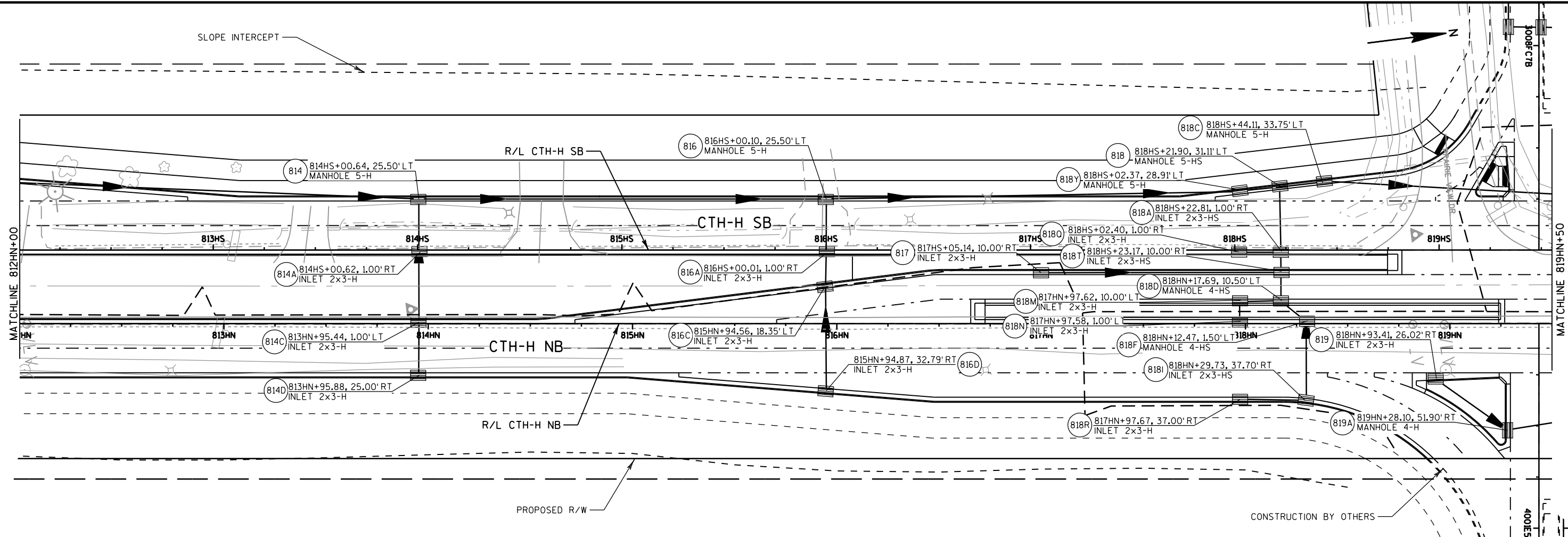
COUNTY: RACINE

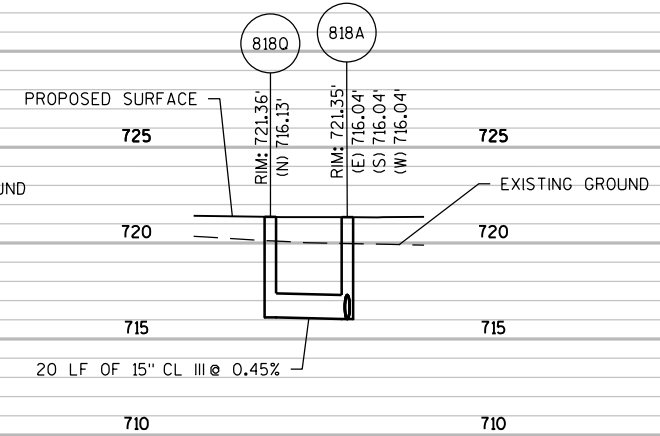
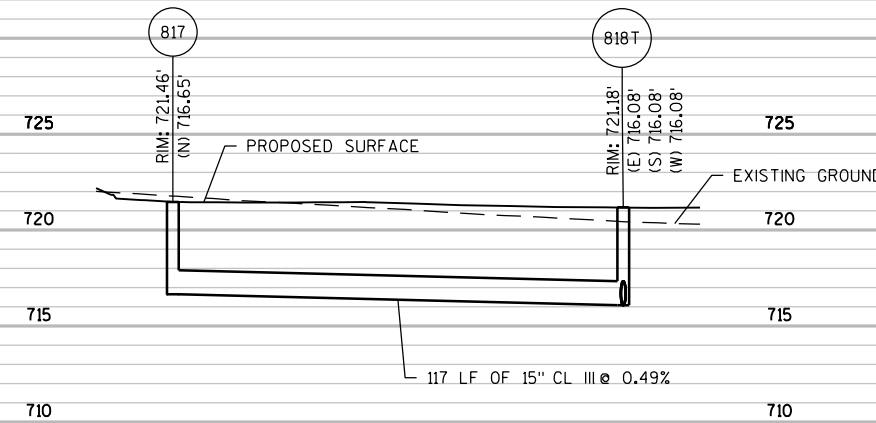
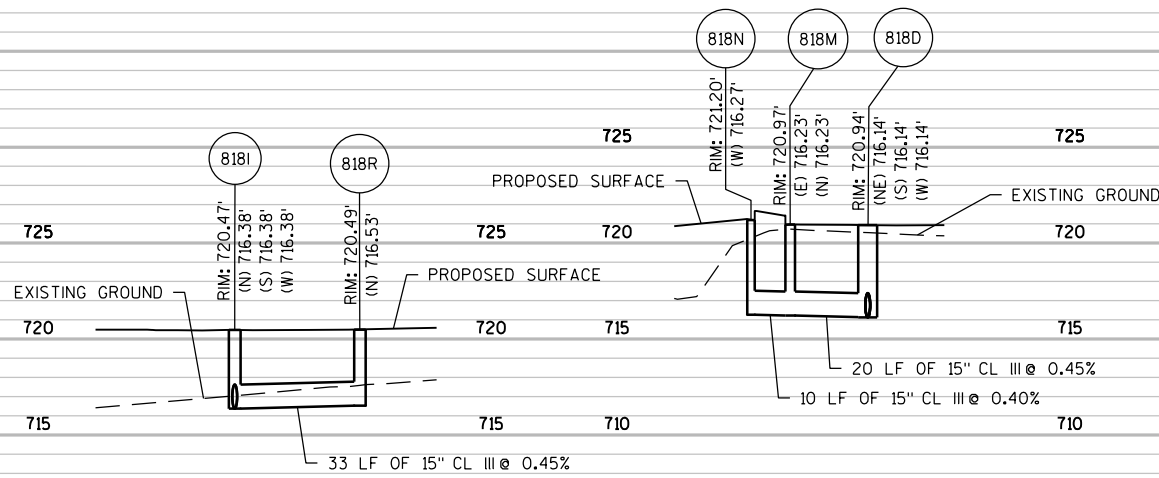
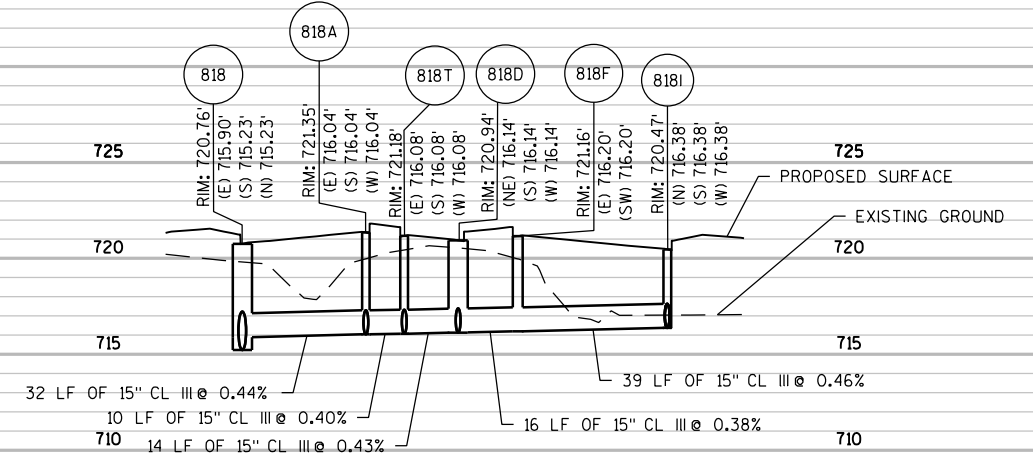
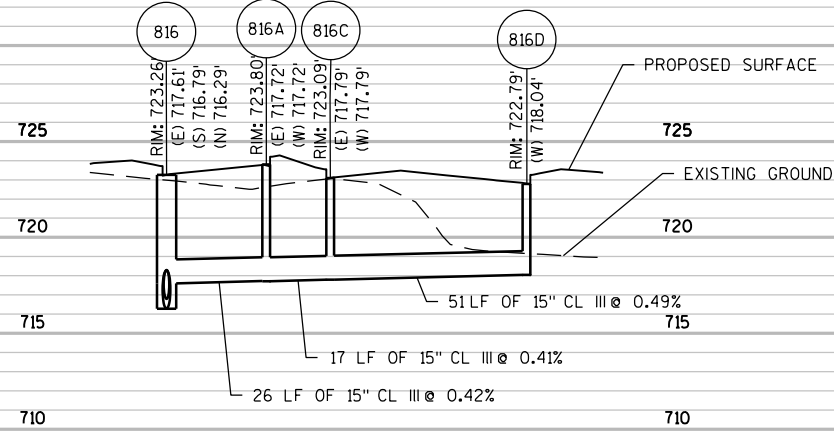
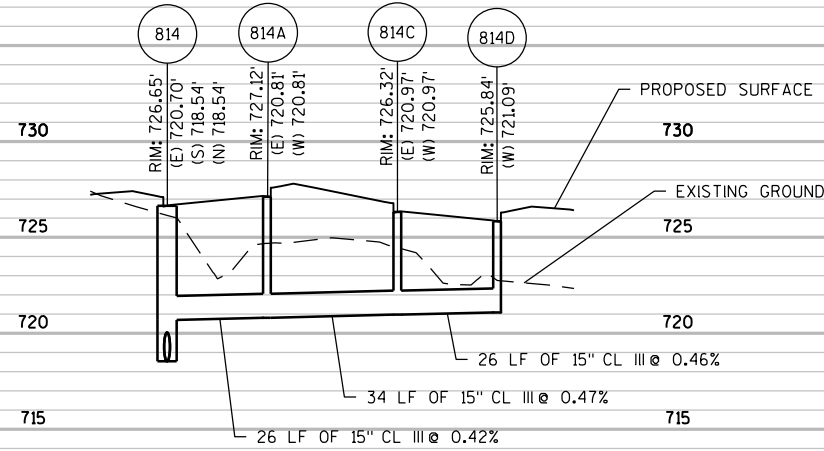
STORM SEWER: CTH H

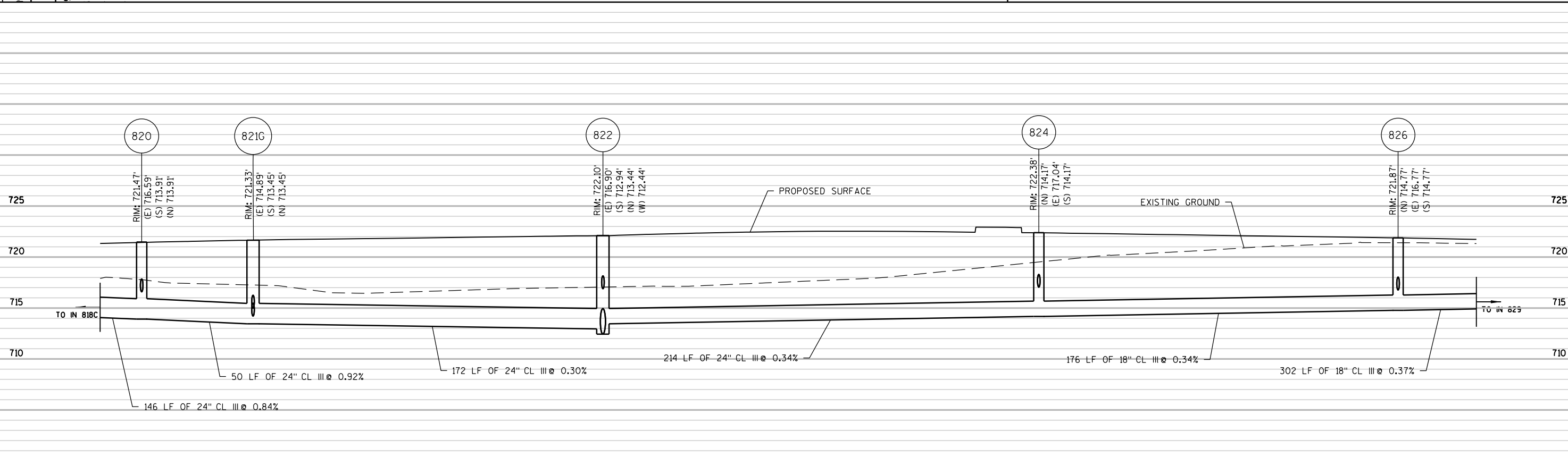
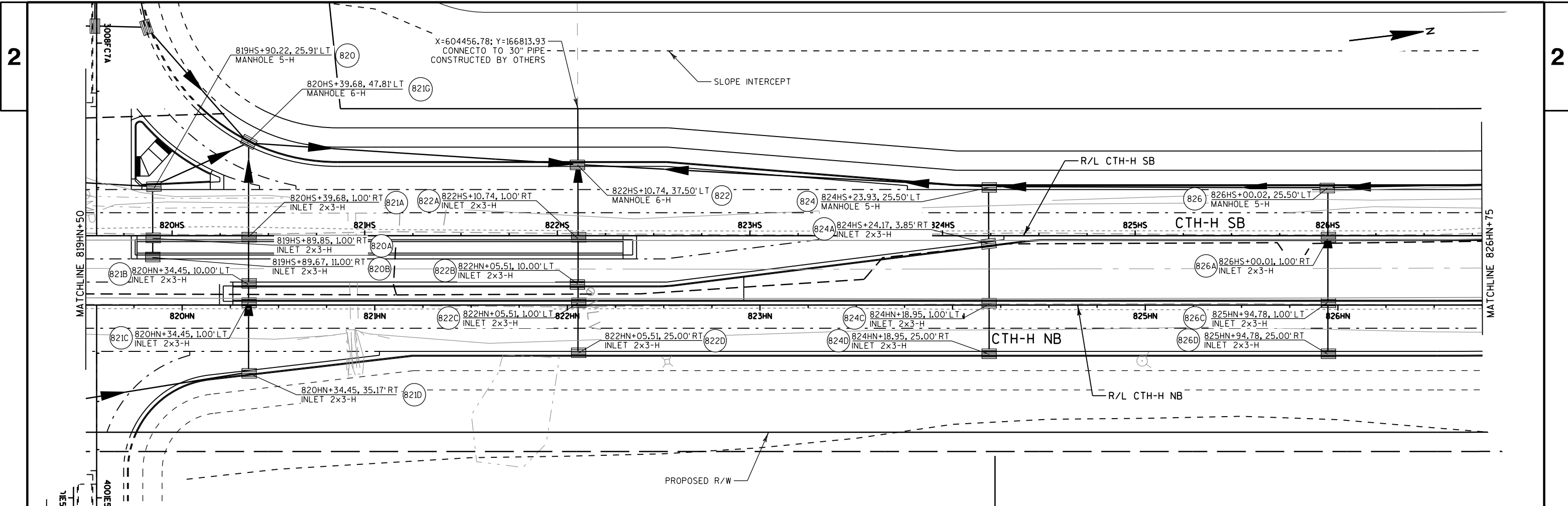
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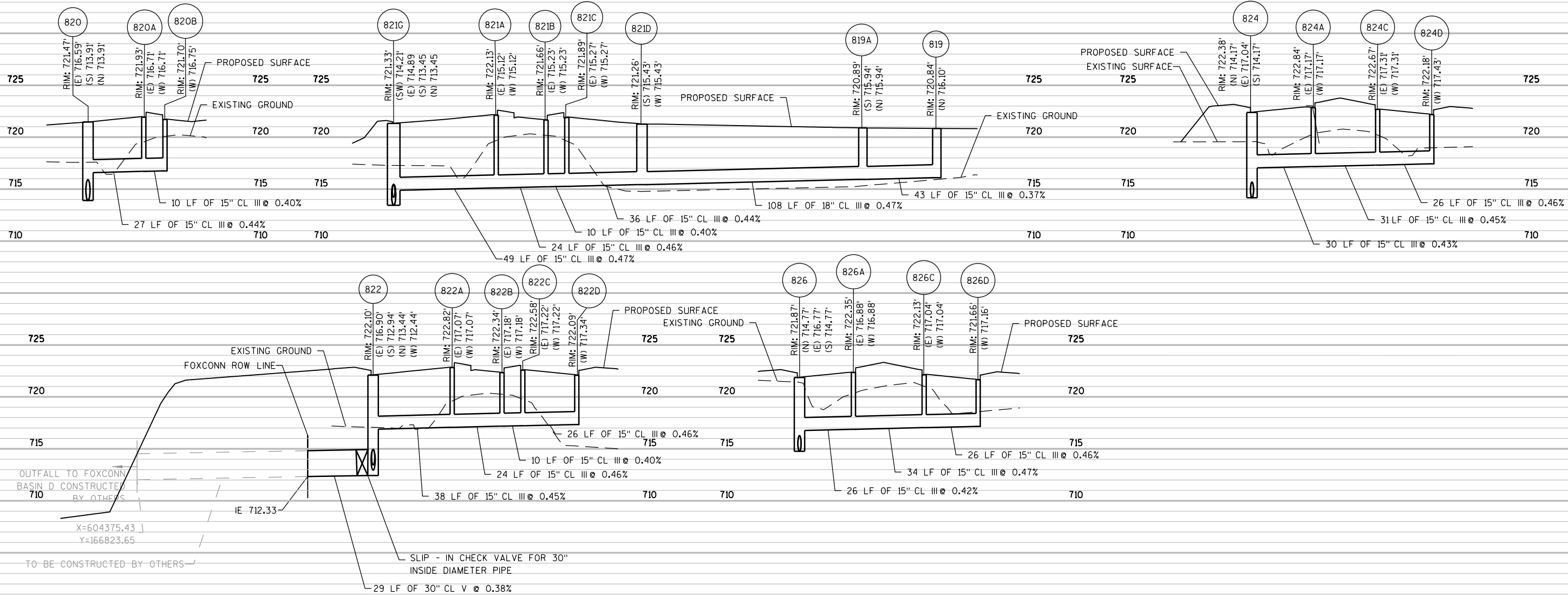
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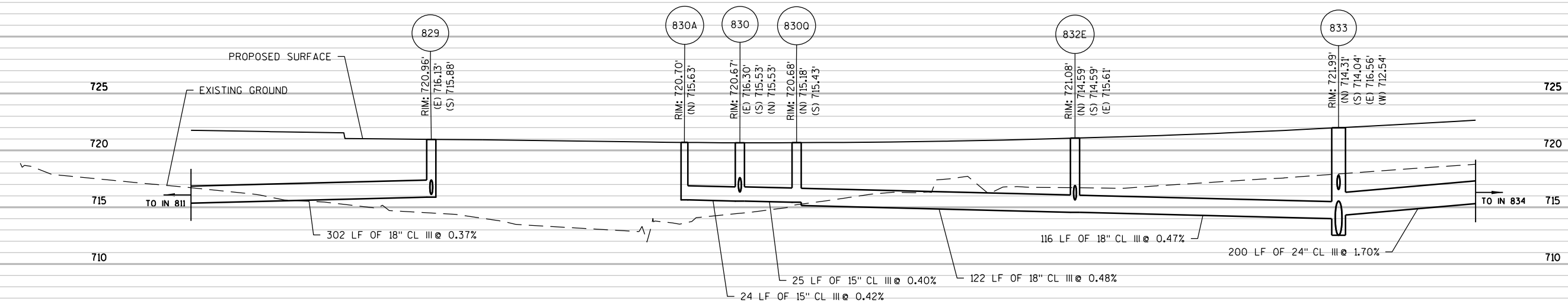
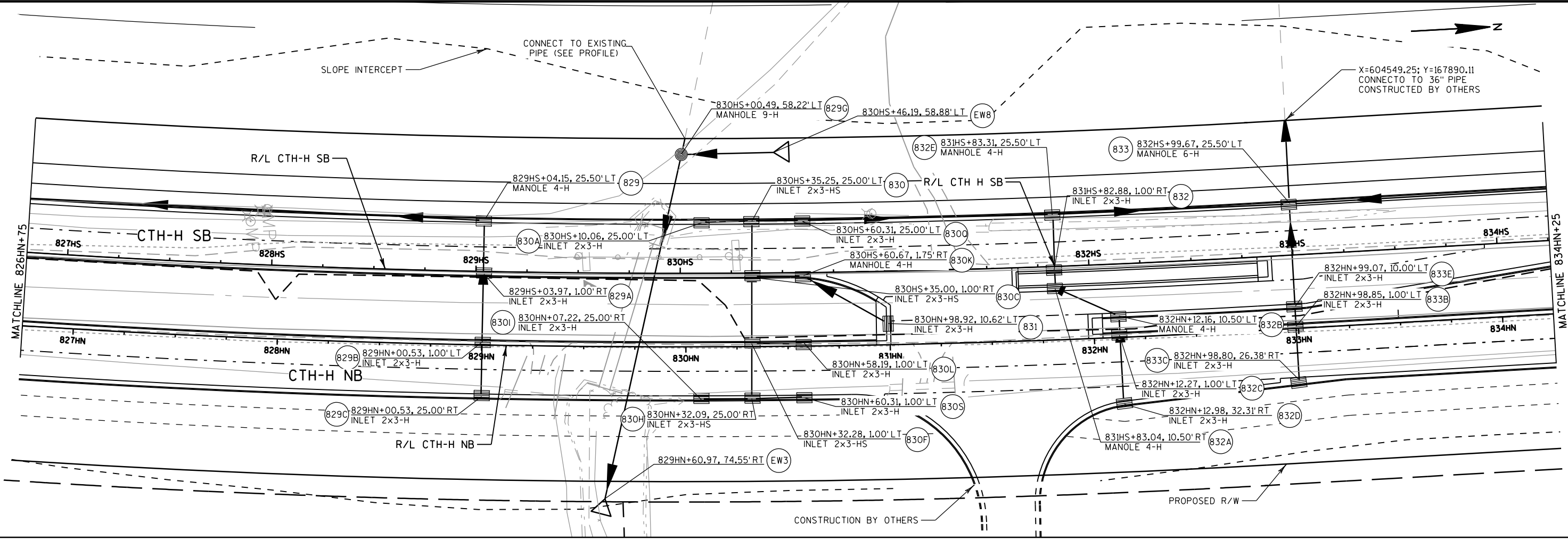


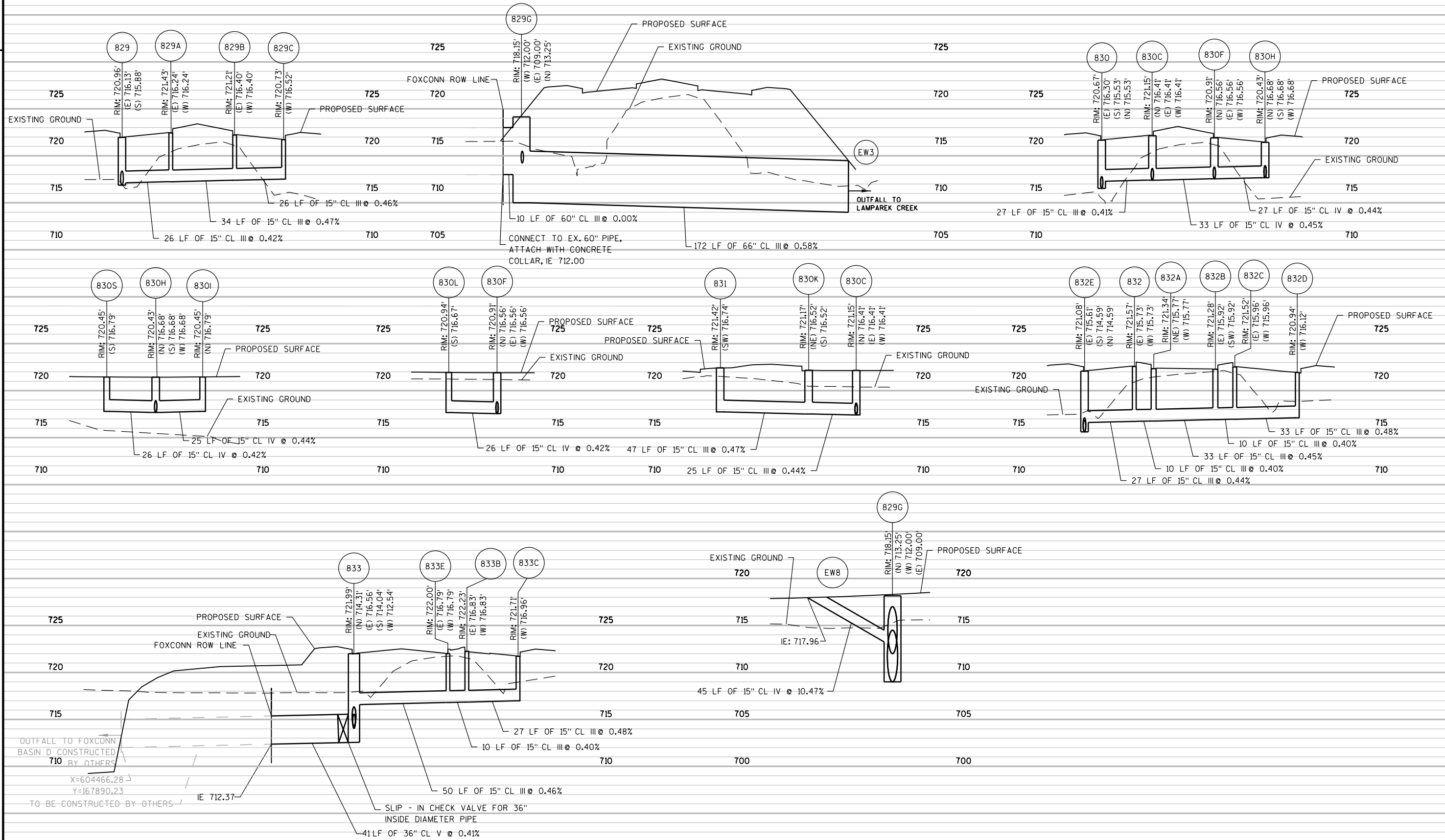


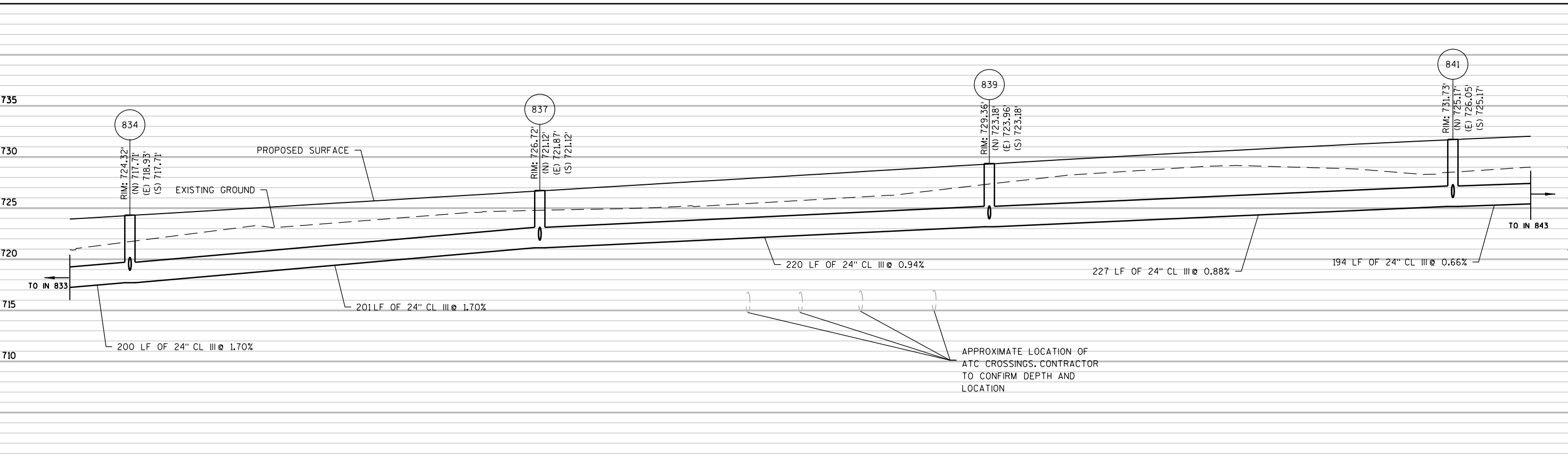
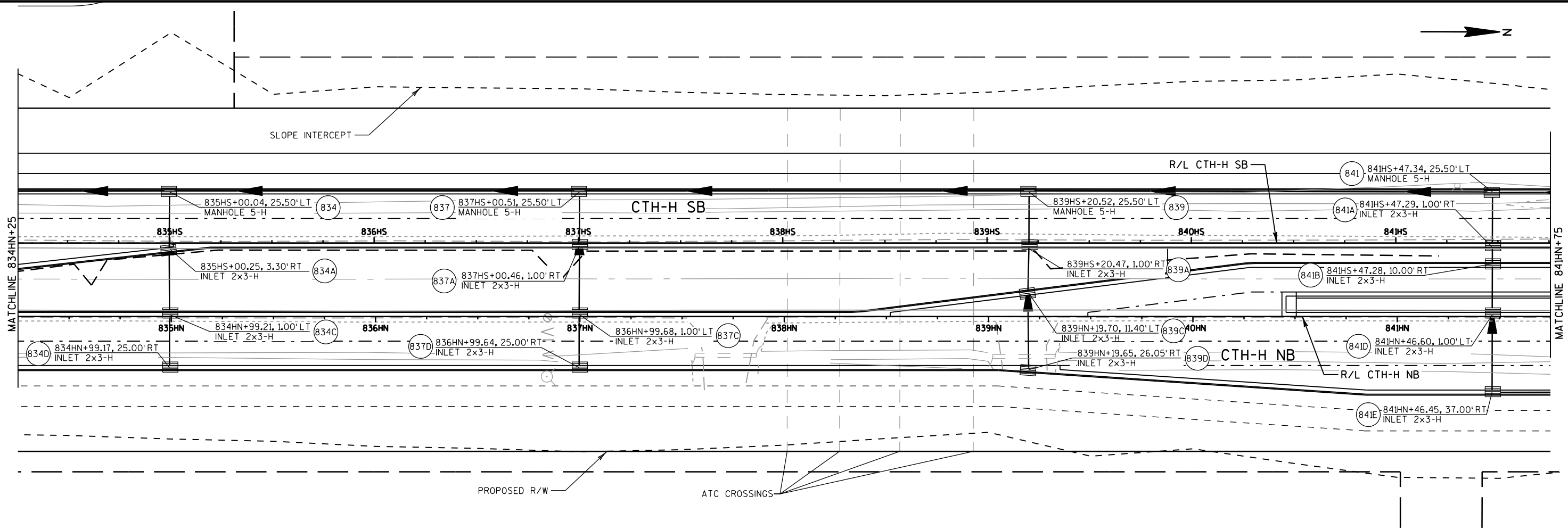


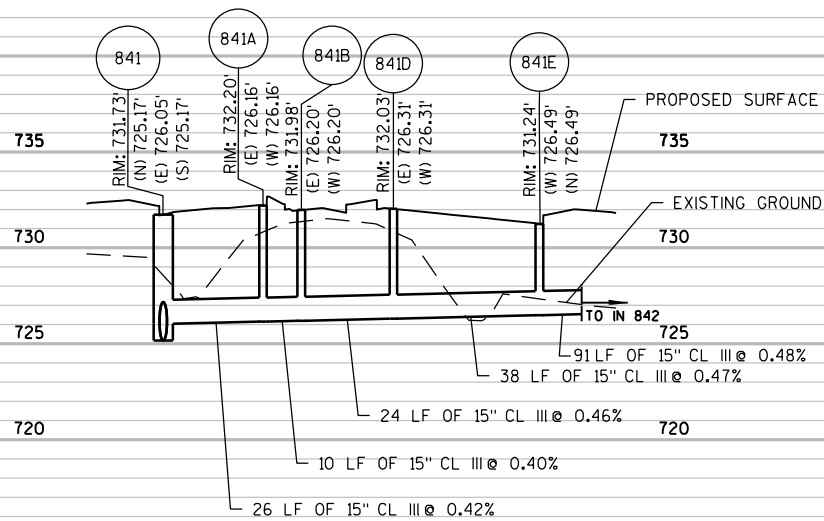
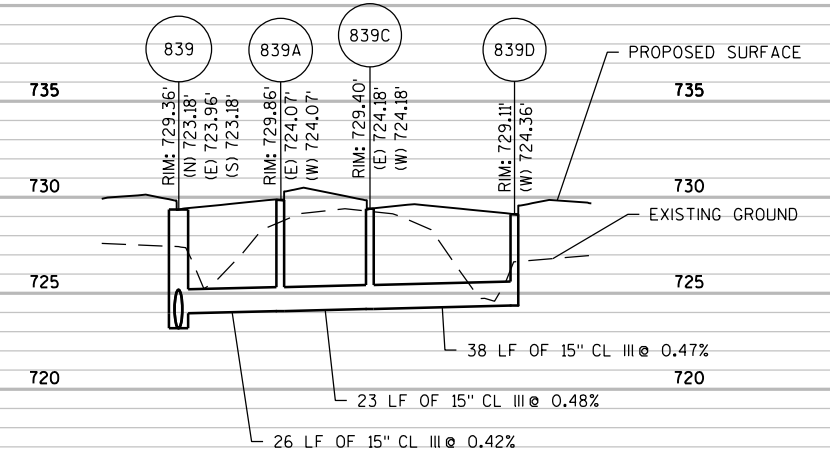
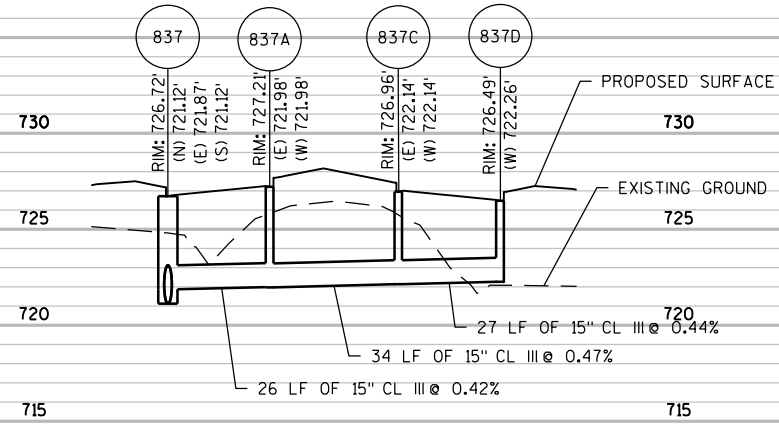
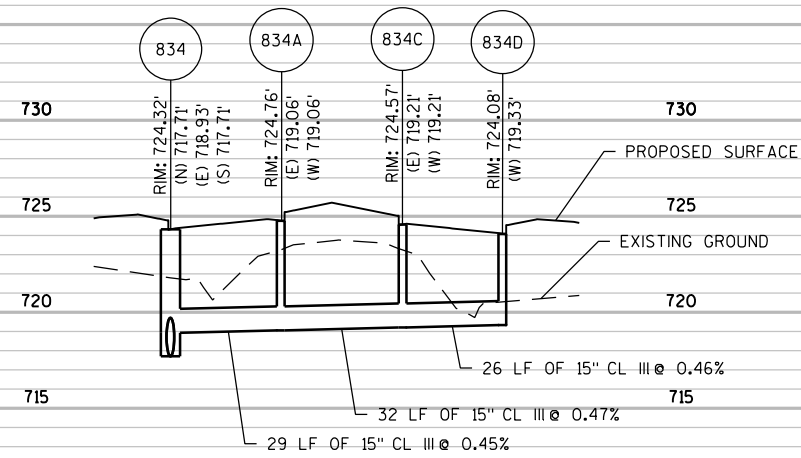


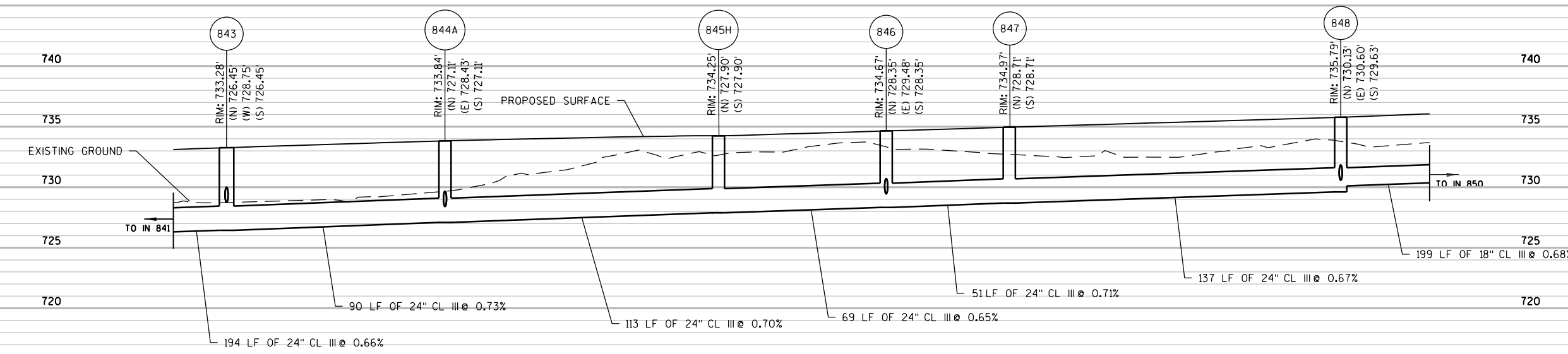
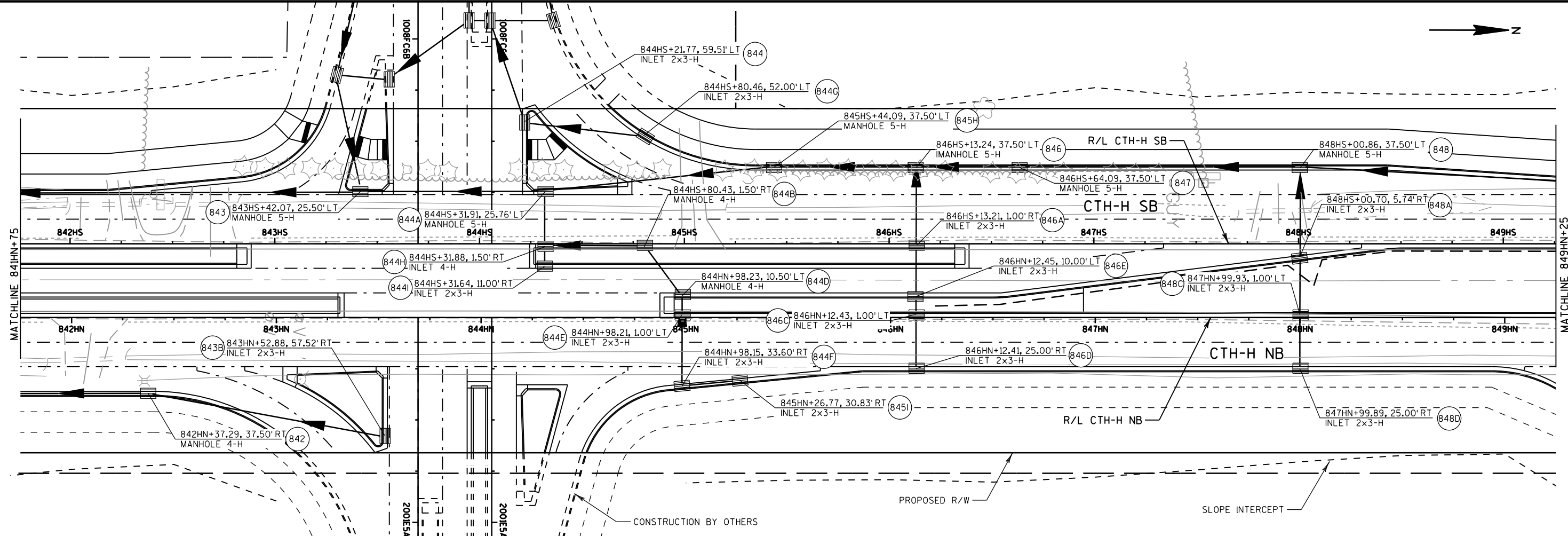


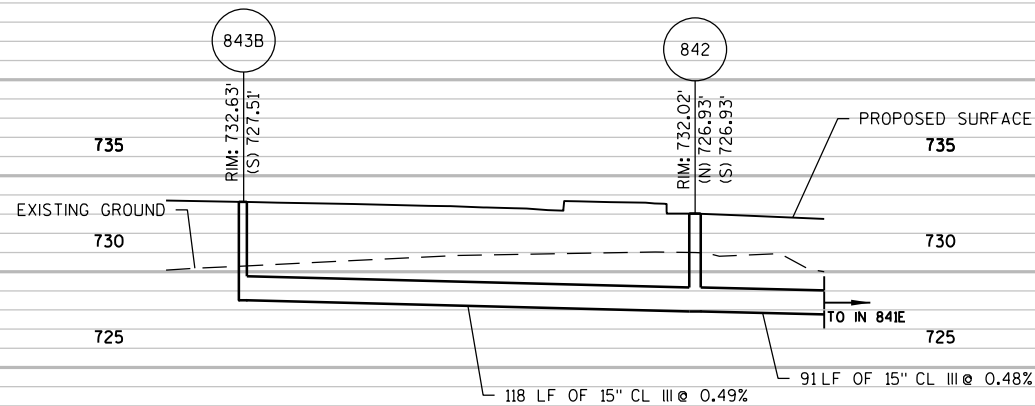
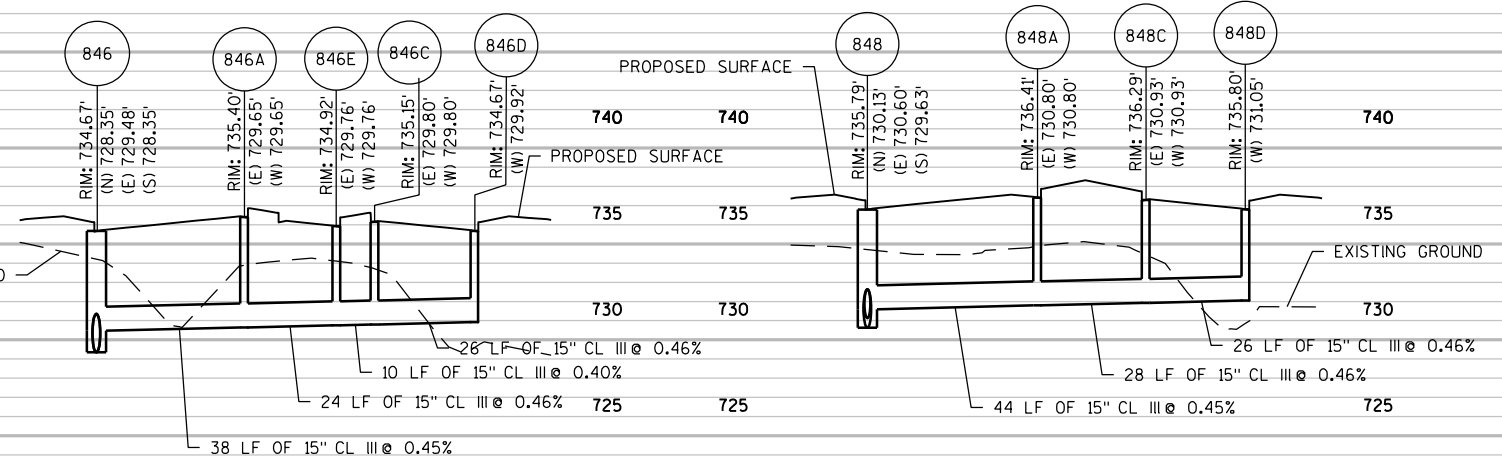
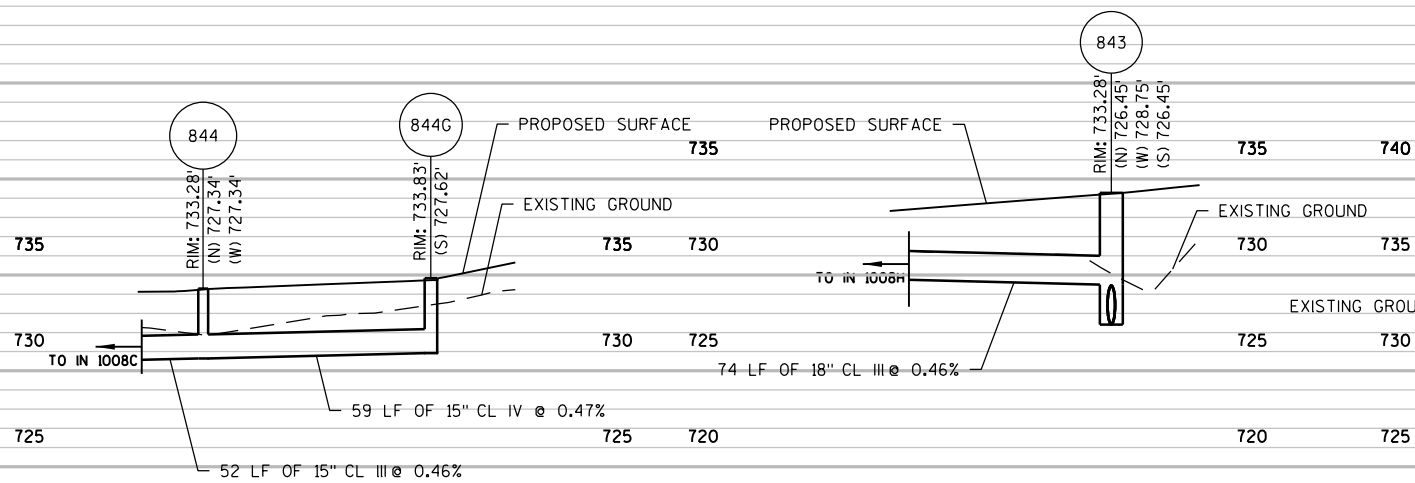
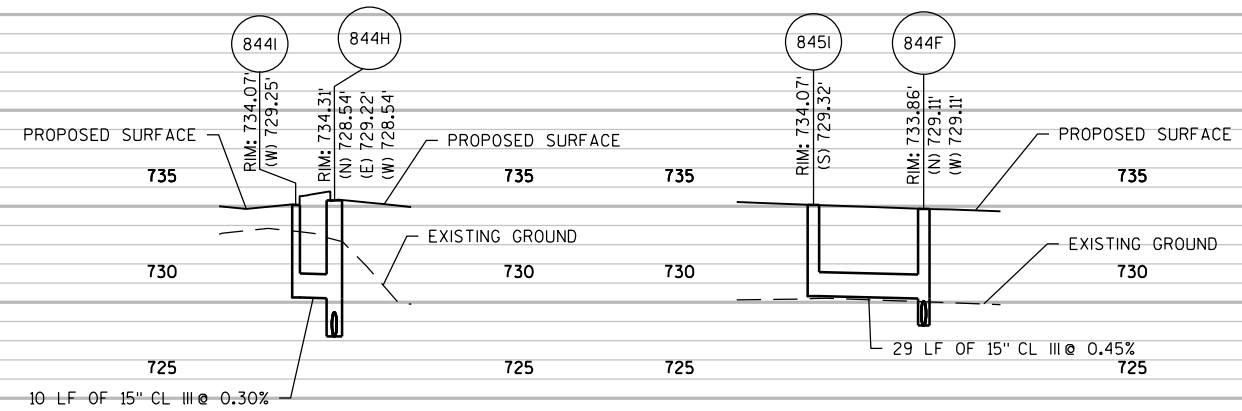
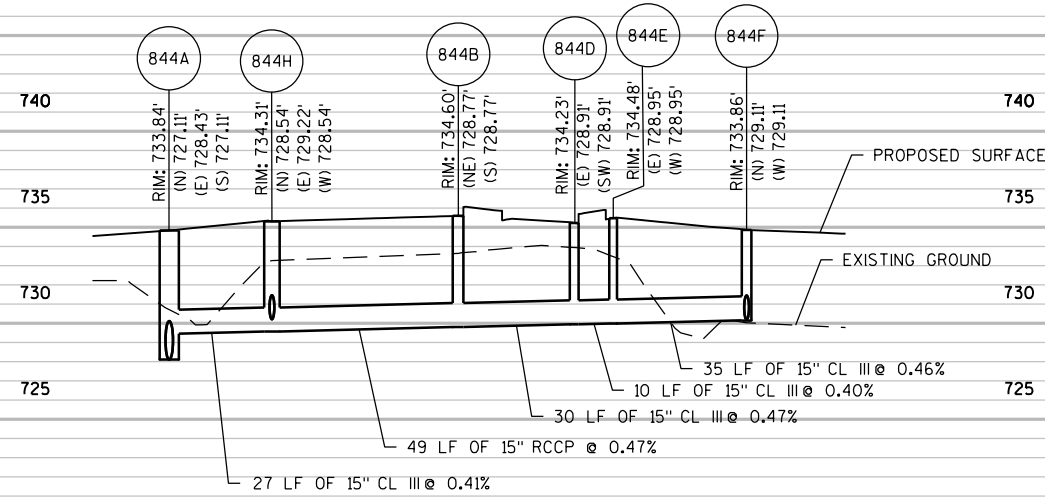


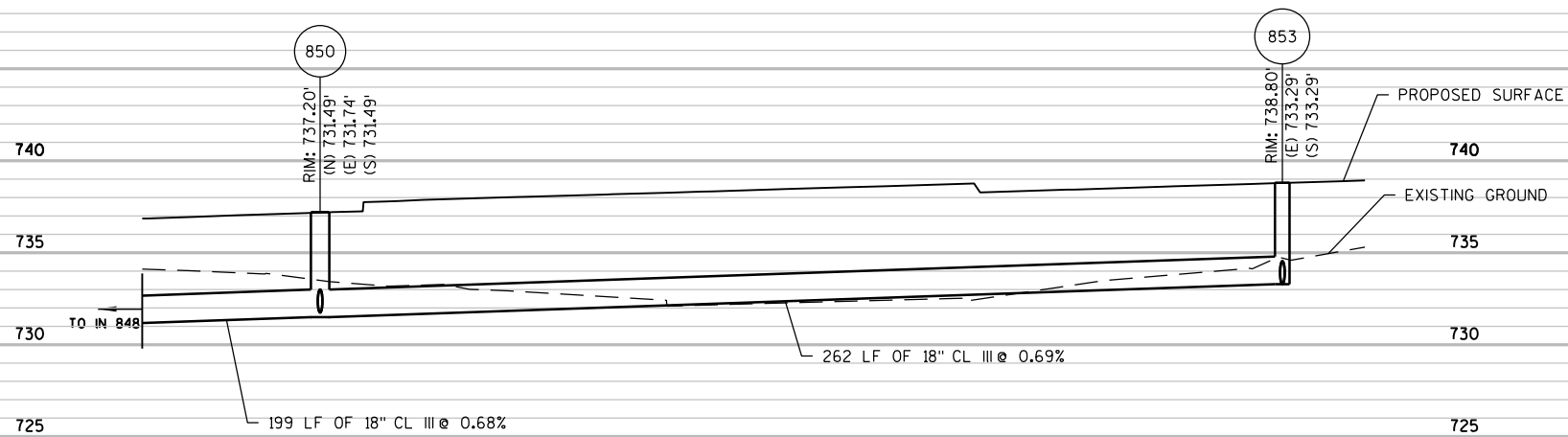
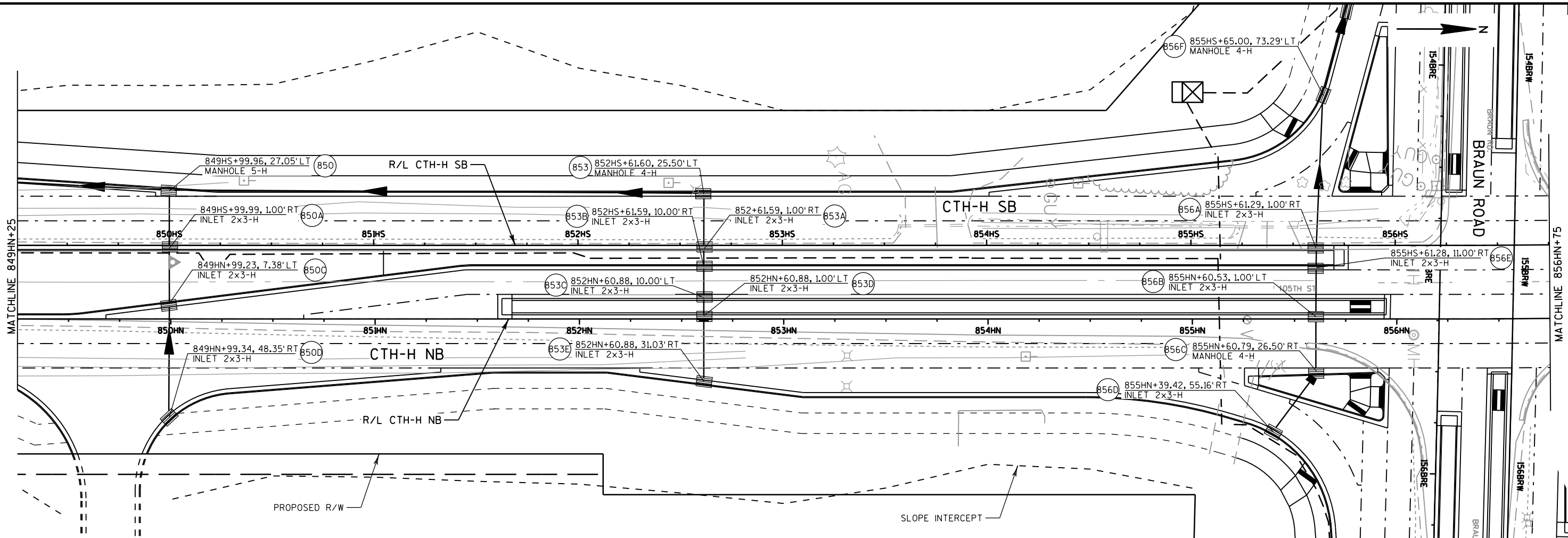


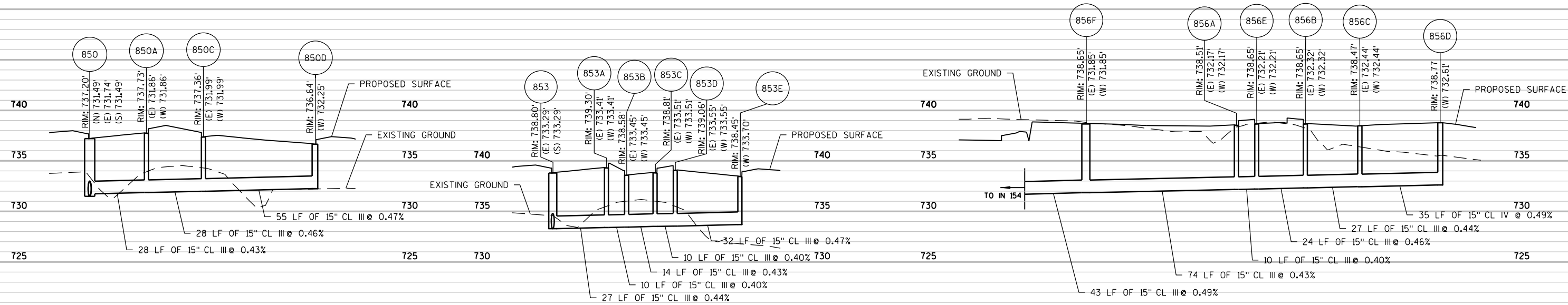


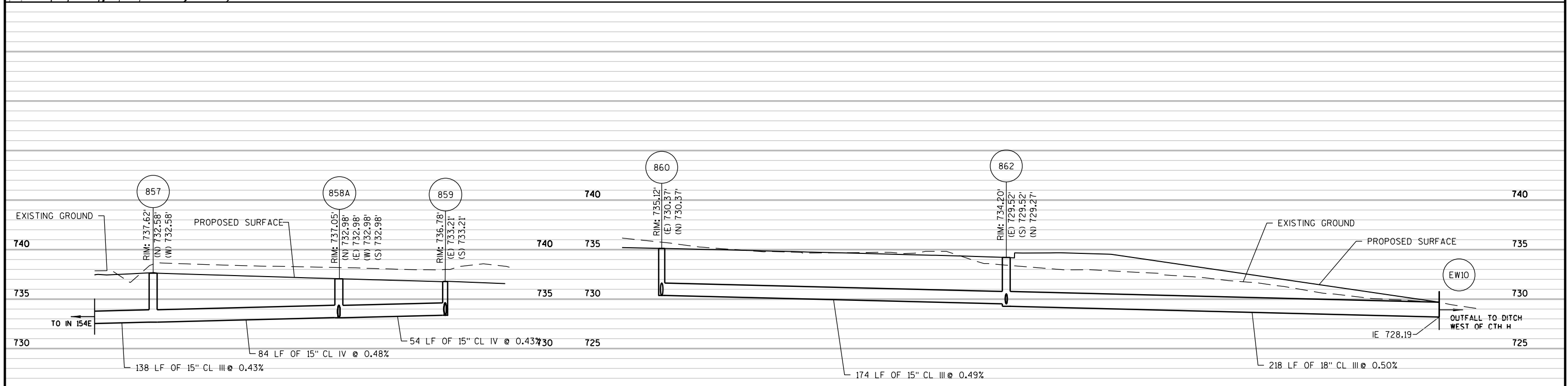
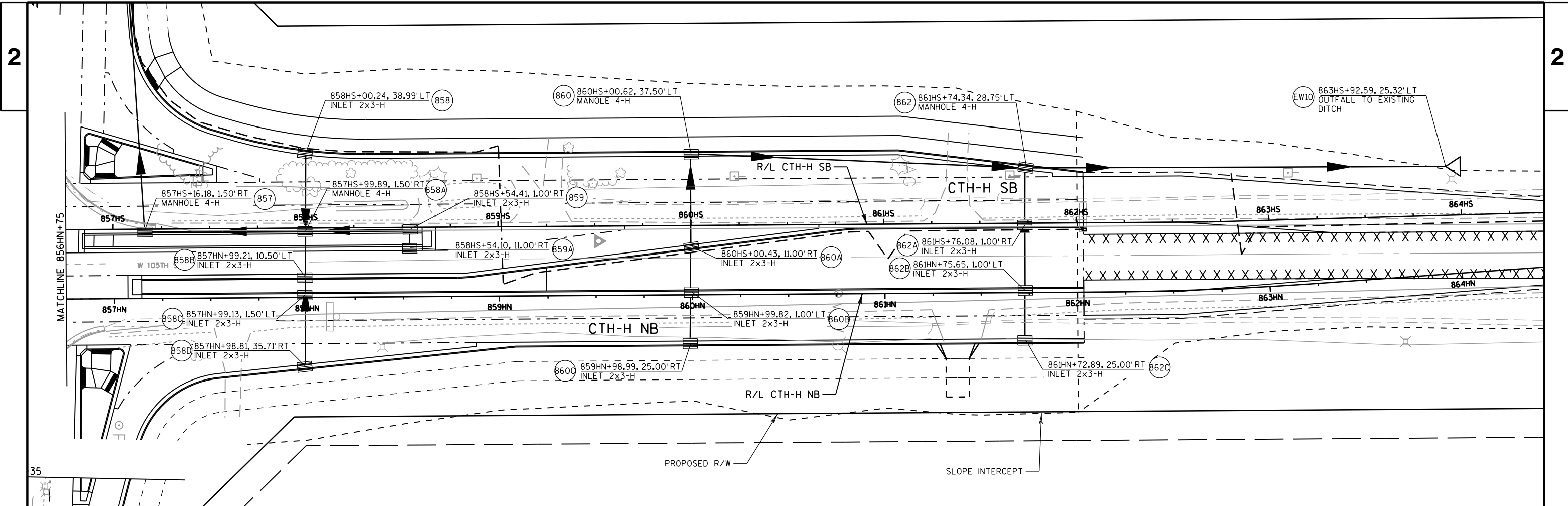




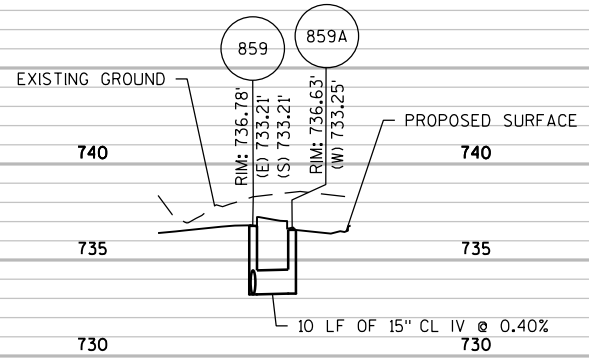
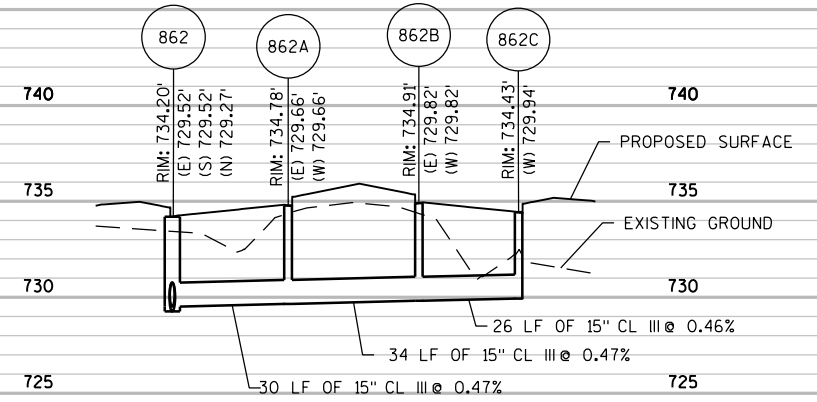
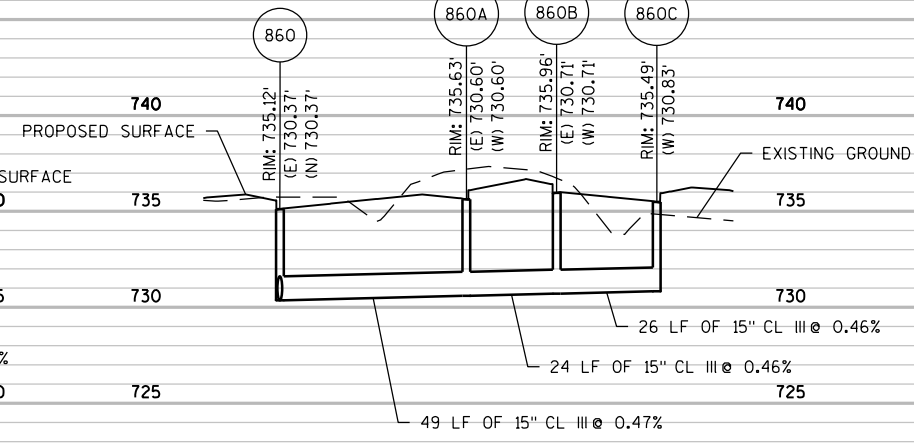
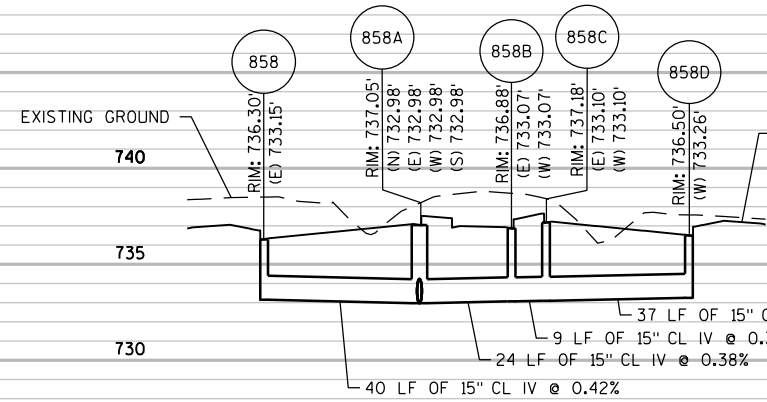


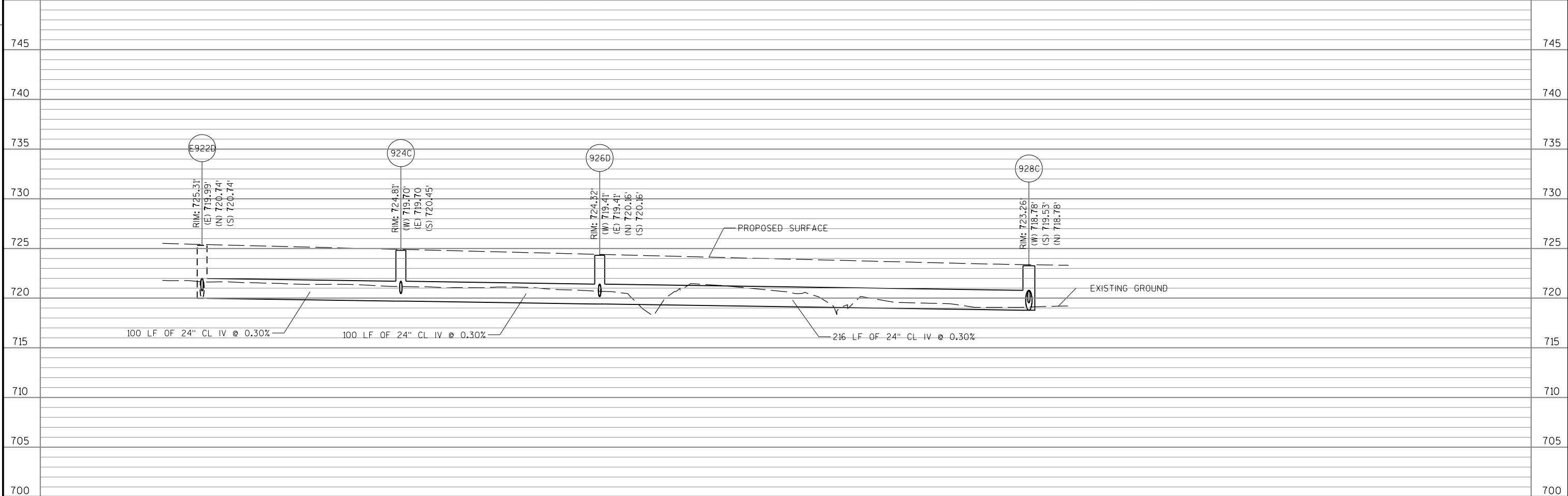
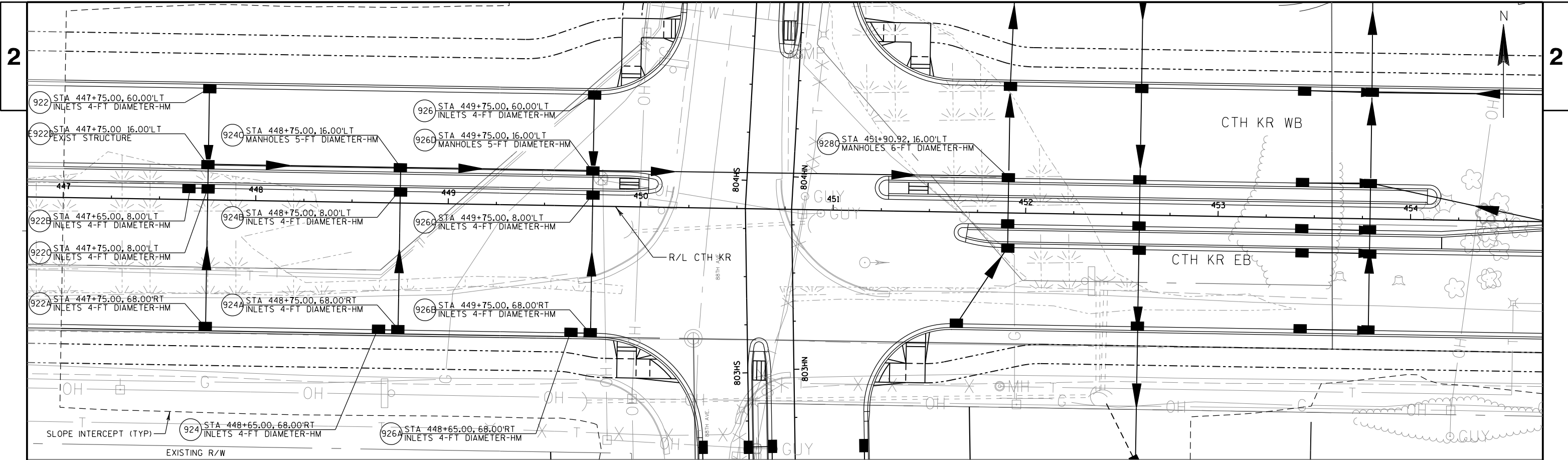




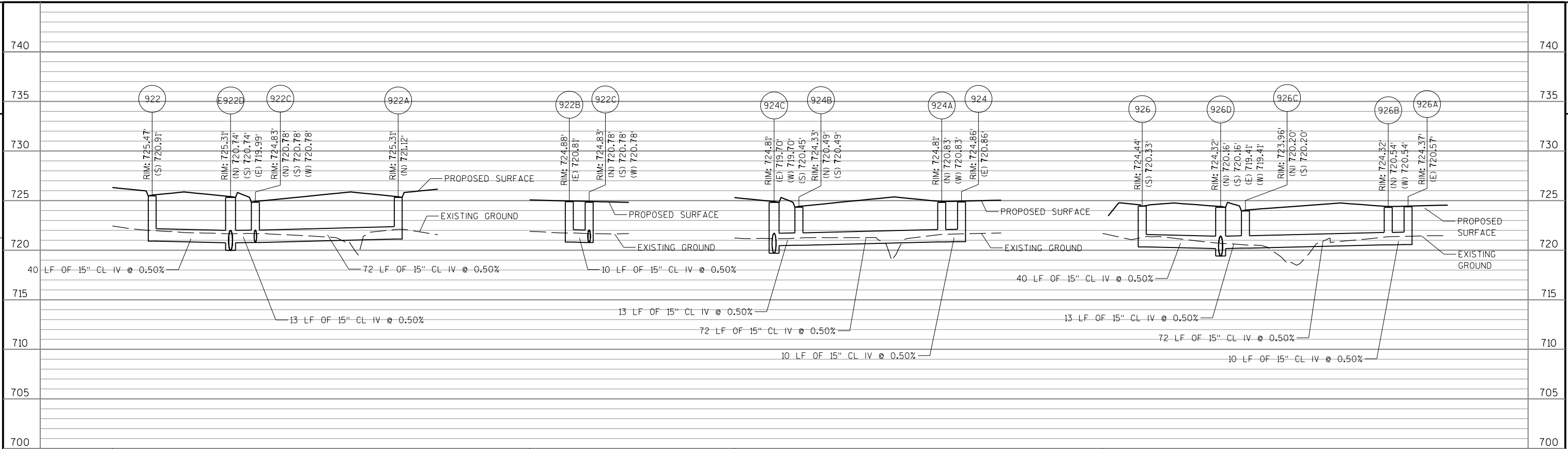


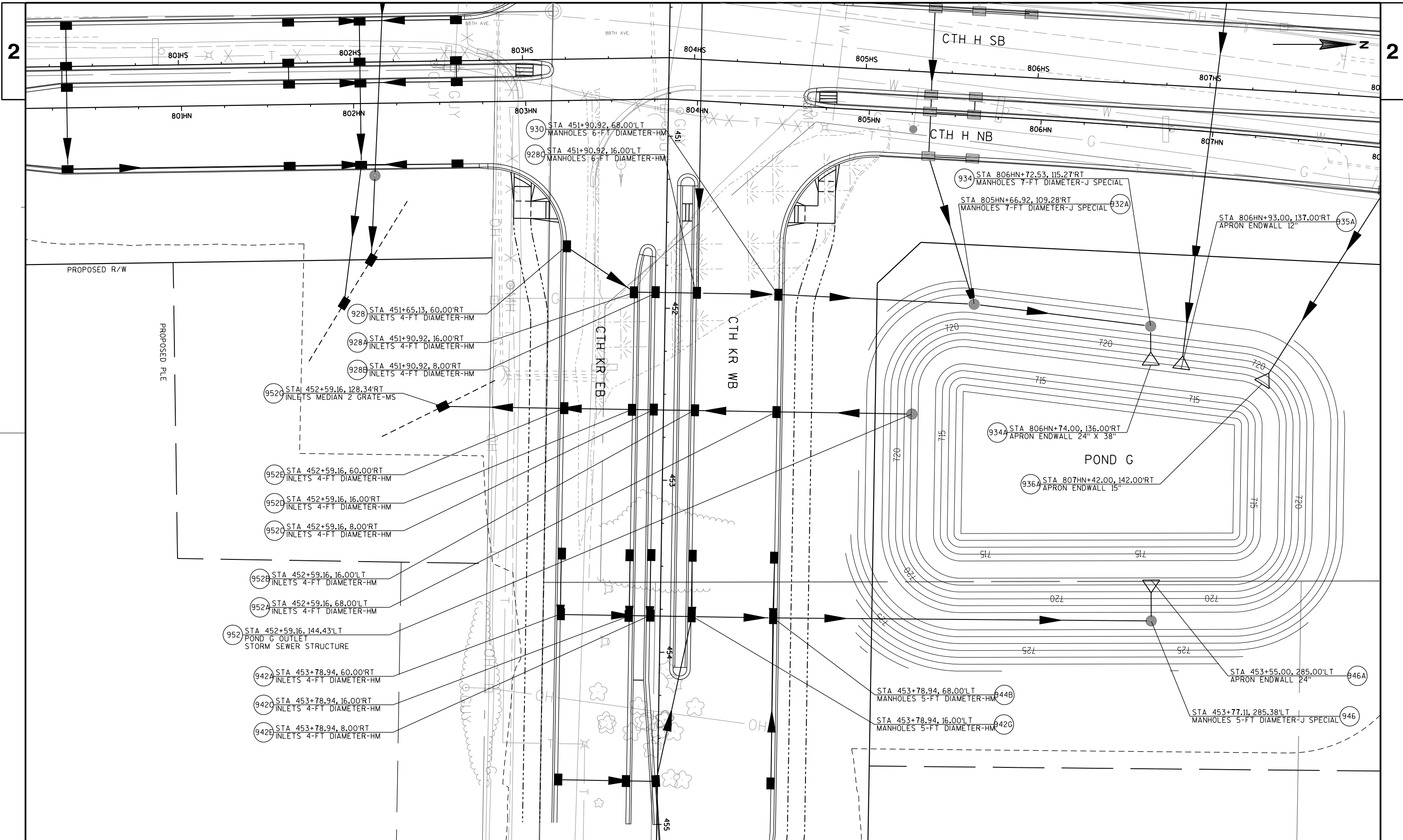
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PROJECT NO: 3760-00-70	HWY: CTH H	COUNTY: RACINE	STORM SEWER PLAN AND PROFILE: CTH KR
SHEET			E





PROJECT NO: 3760-00-70

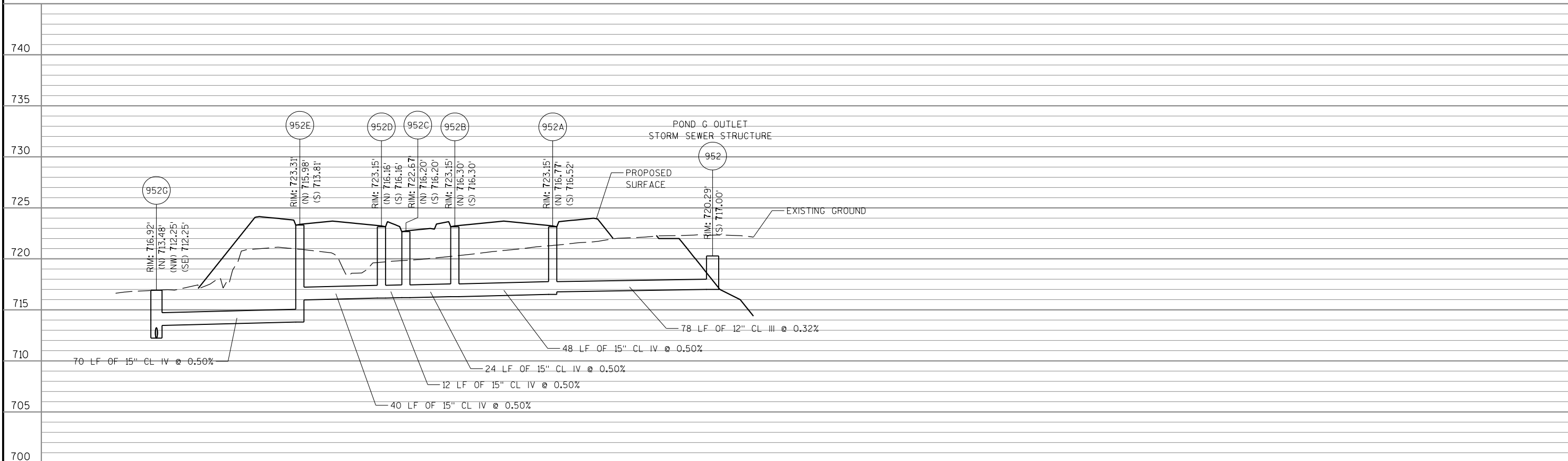
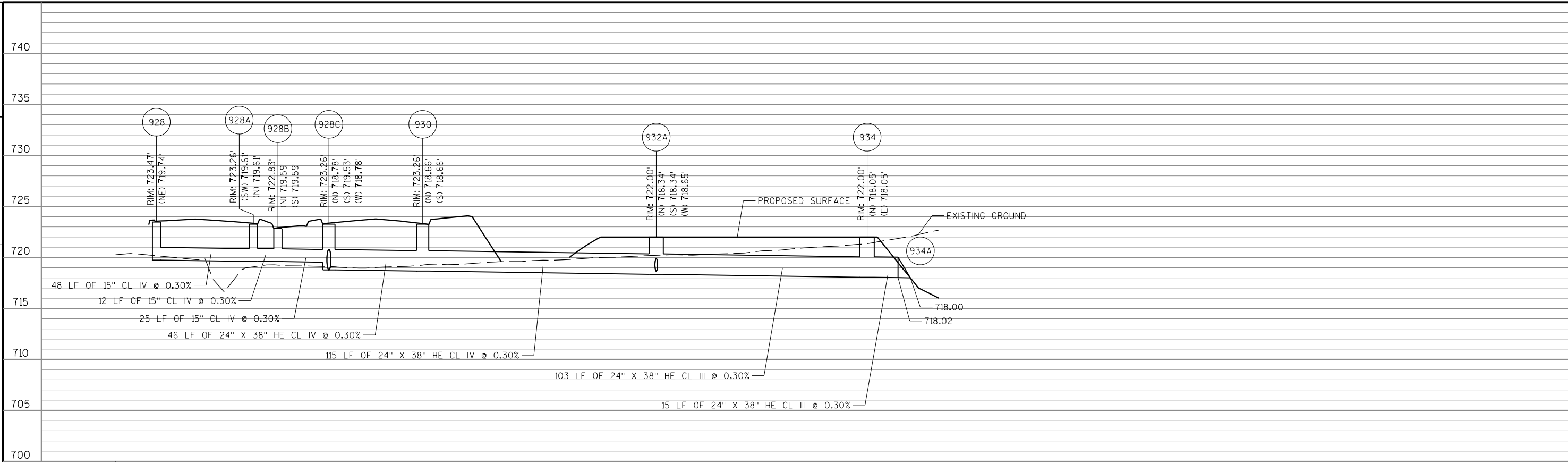
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COUNTY: RACINE

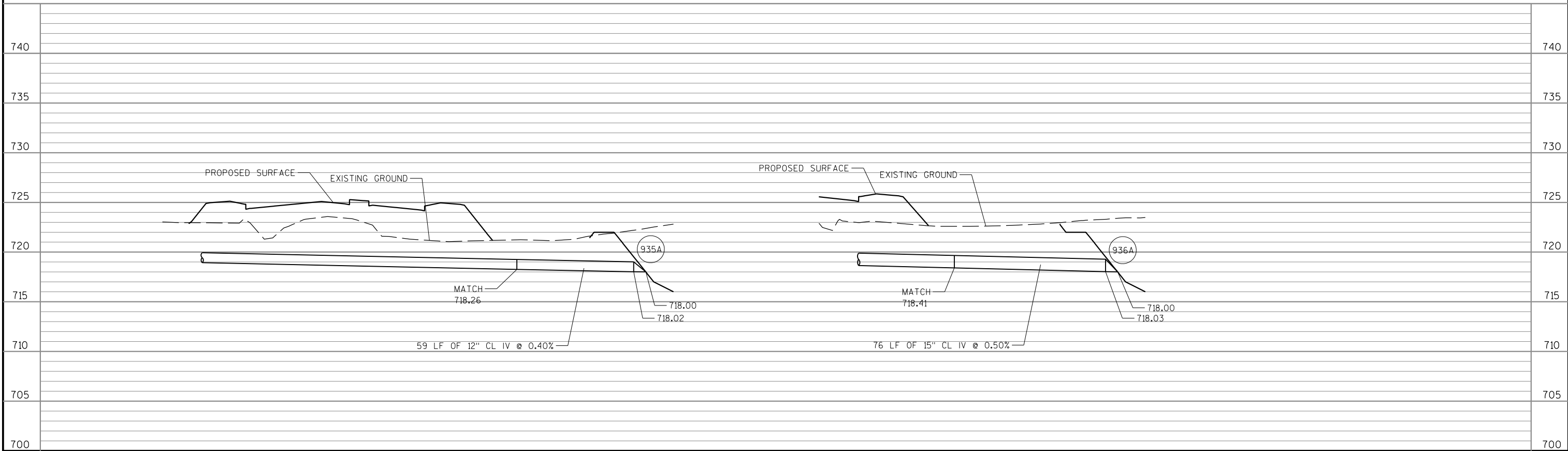
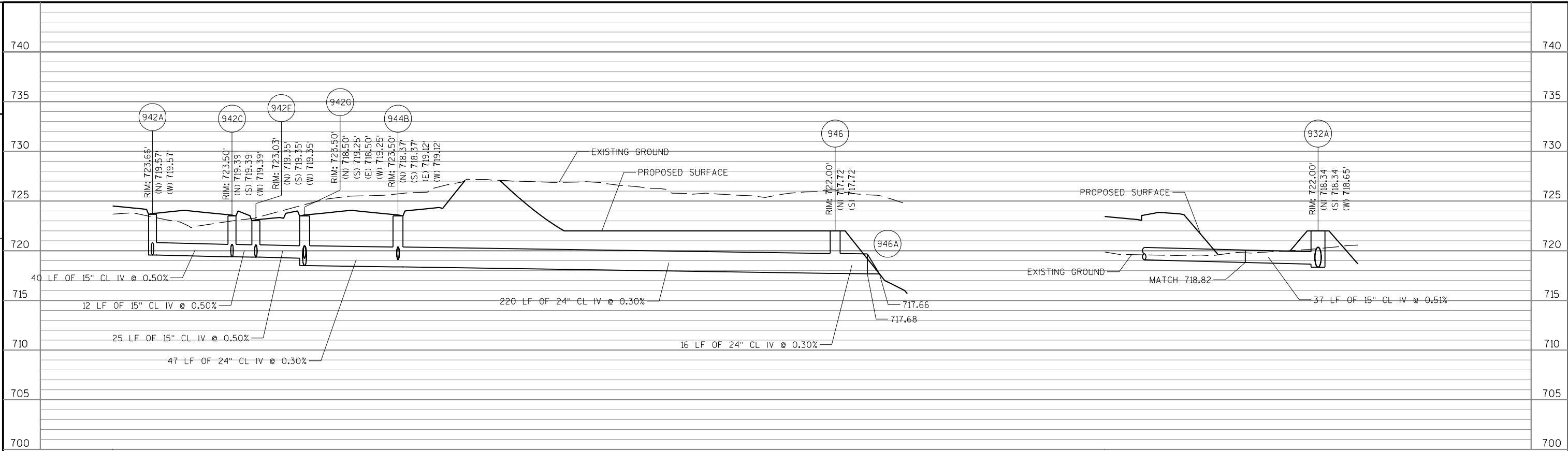
STORM SEWER PLAN AND PROFILE: CTH KR

SHEET

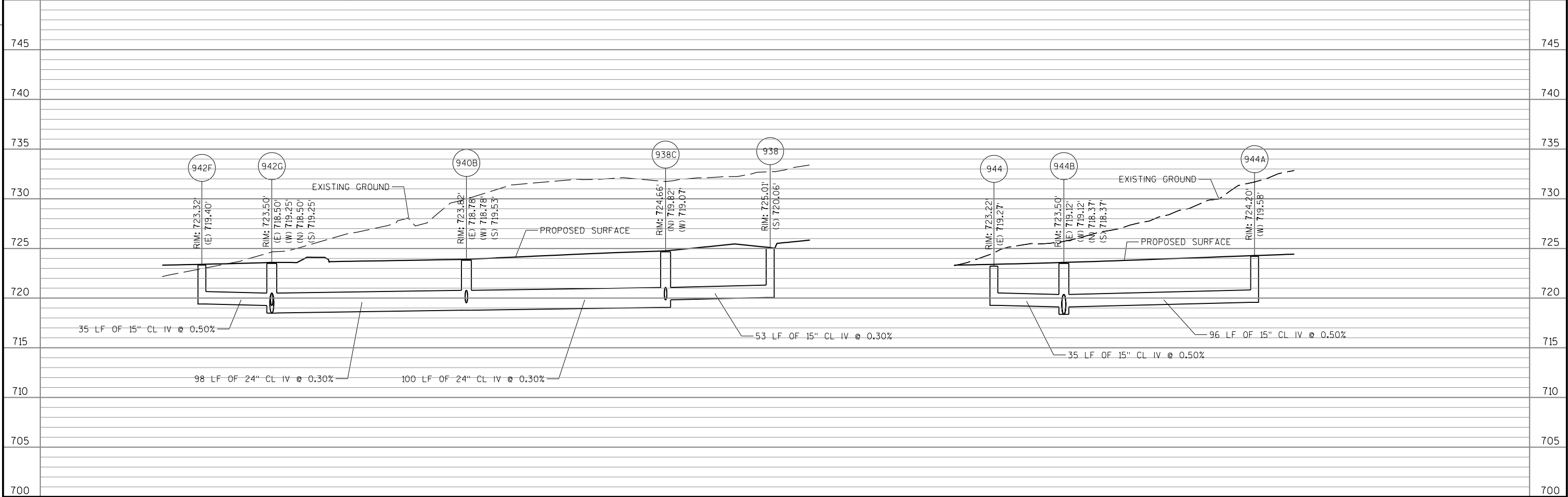
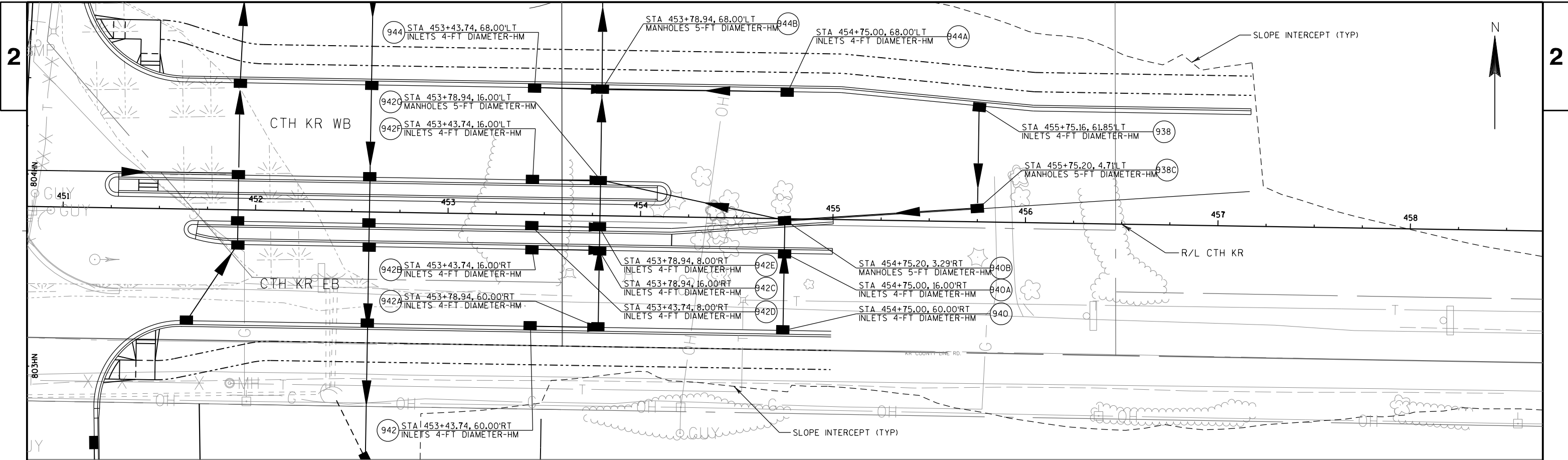
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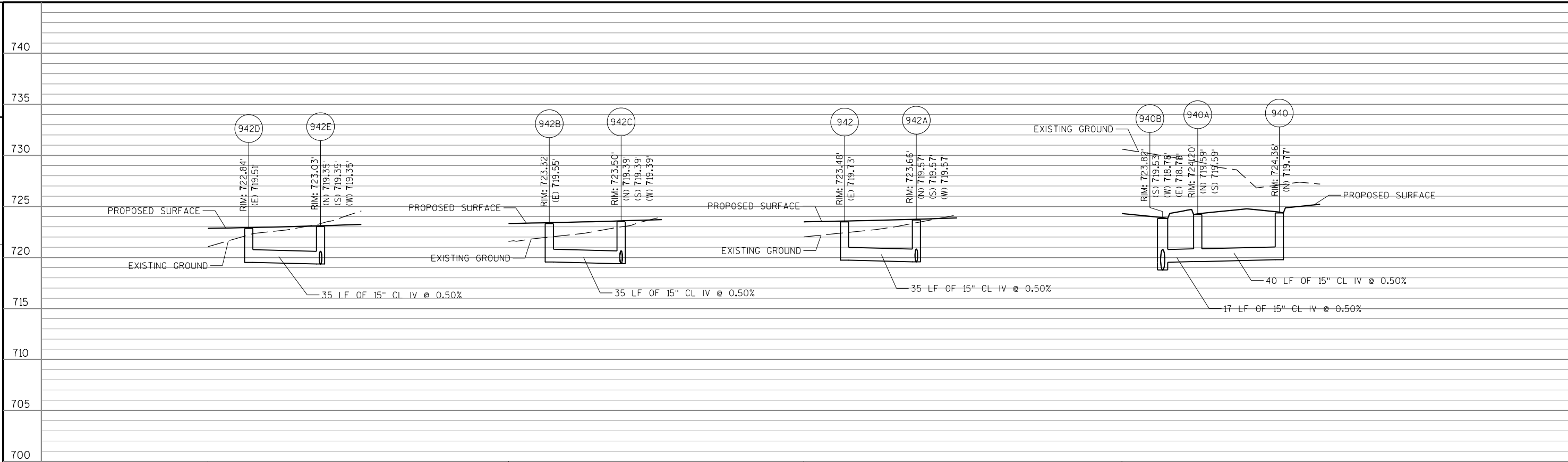
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SHEET			E

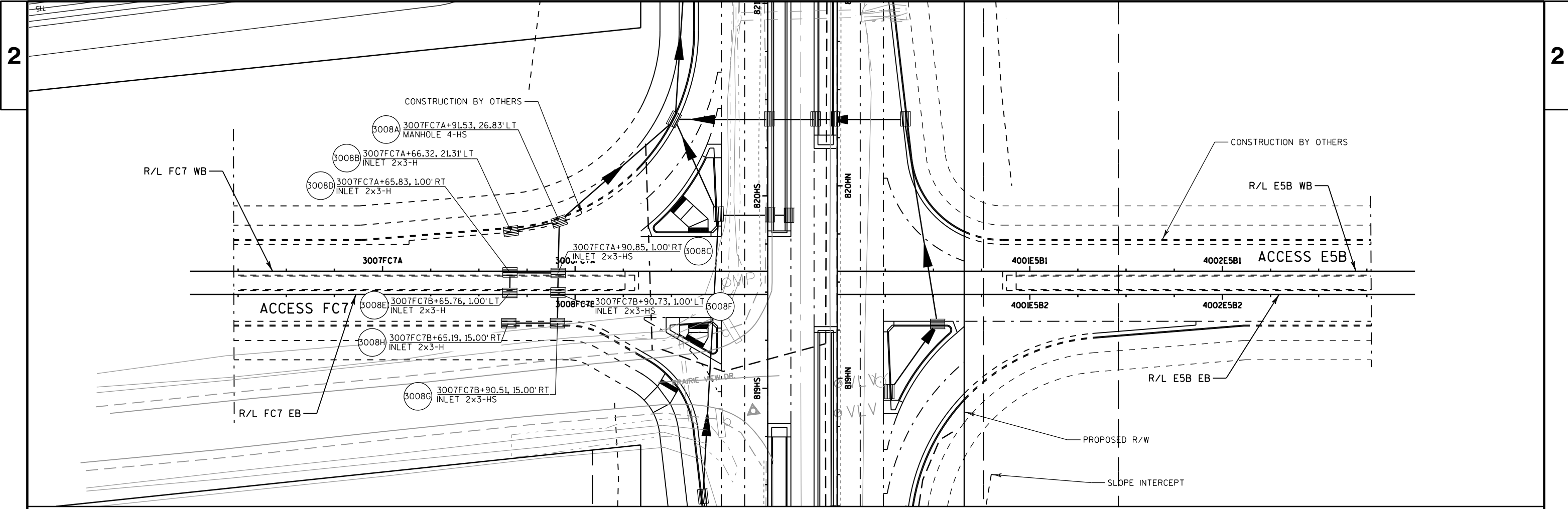


PROJECT NO: 3760-00-70	HWY: CTH H	COUNTY: RACINE	STORM SEWER PLAN AND PROFILE: CTH KR	SHEET	E
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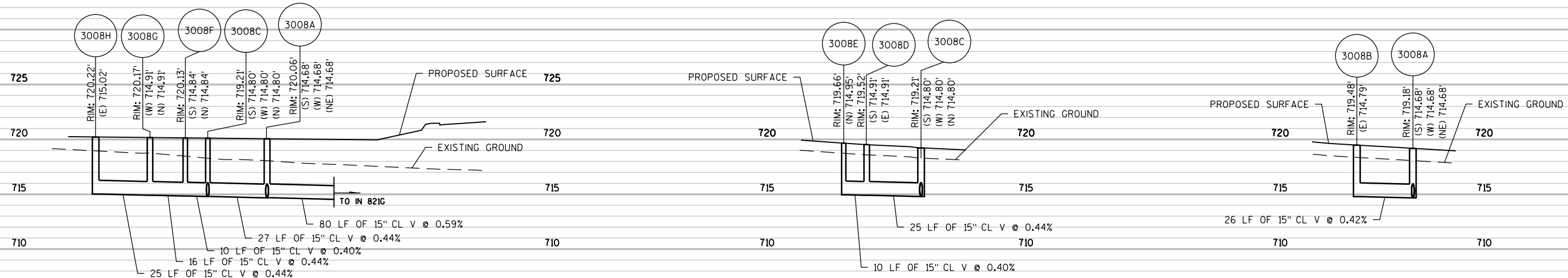


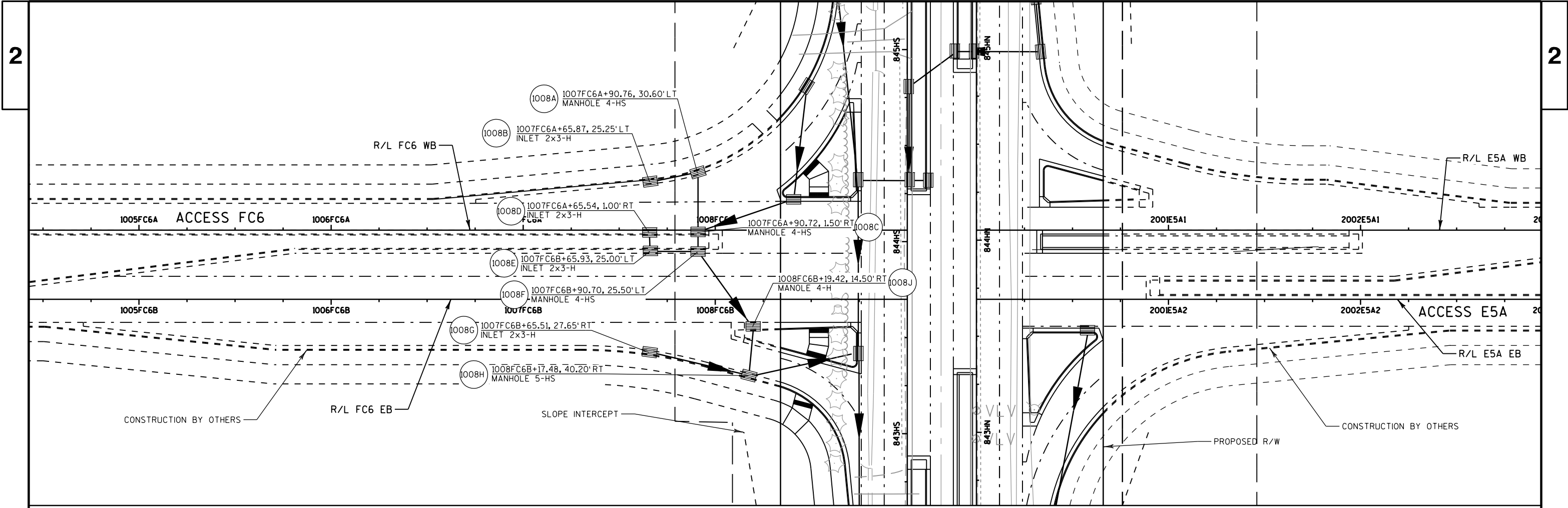
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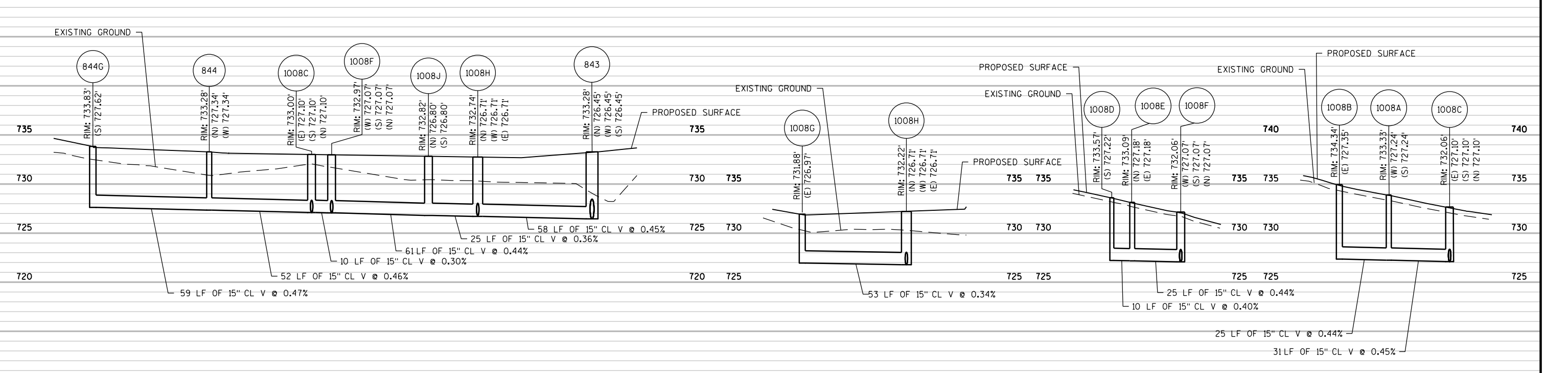


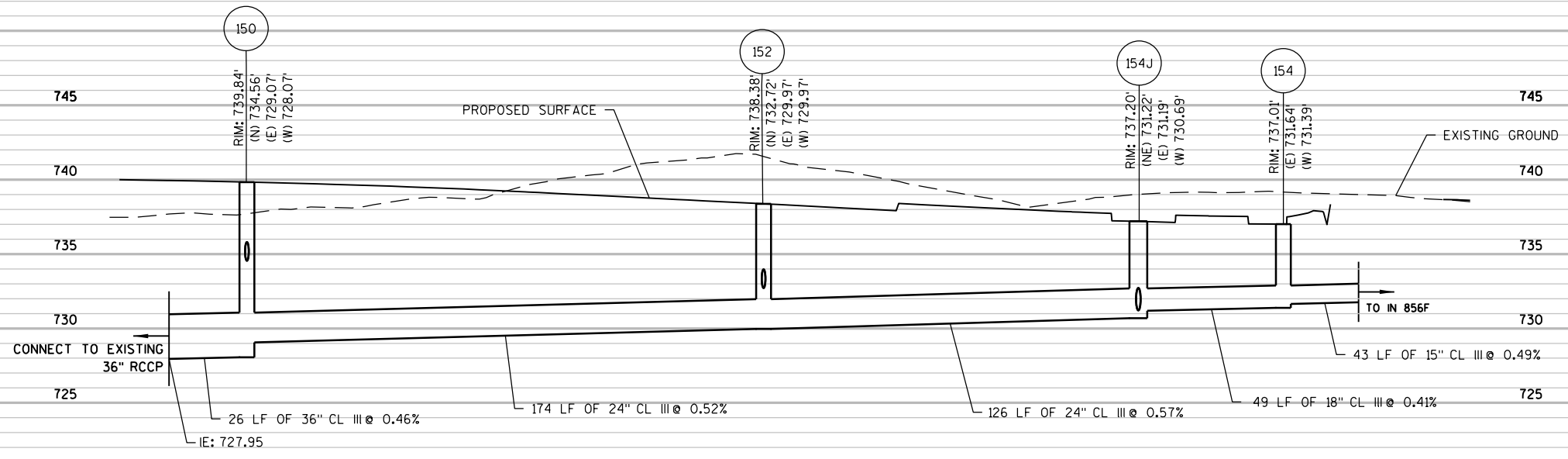
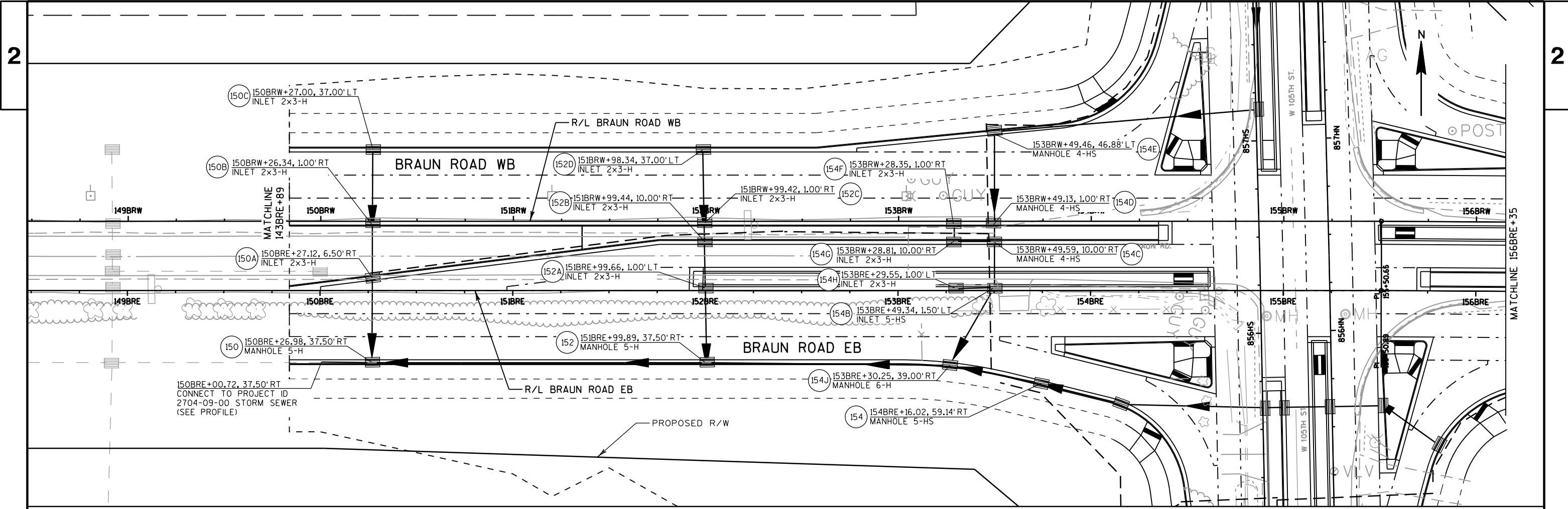
NOTE: STRUCTURE 3008H, 3008G, 3008F, 3008C, 3008A, 3008E, 3008D, AND 3008A, STRUCTURE RIM ELEVATIONS WILL BE DETERMINED BY DEVELOPER



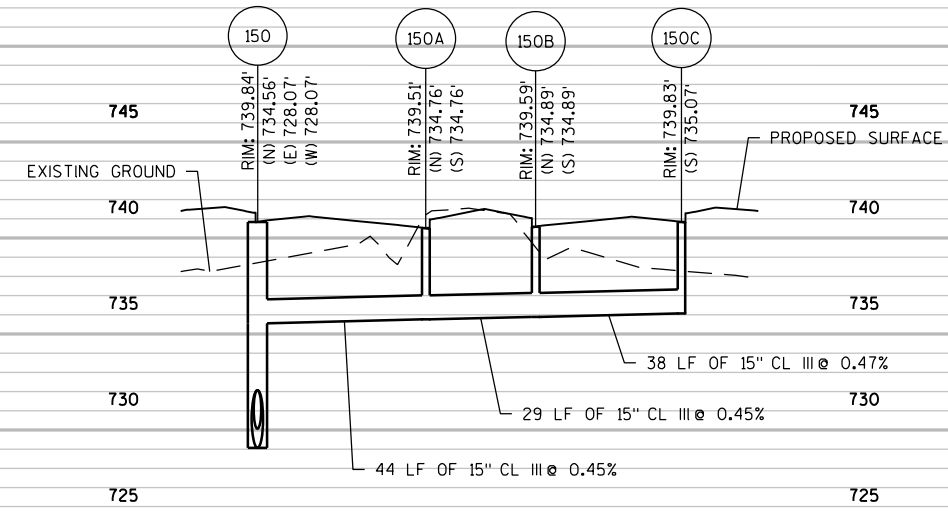
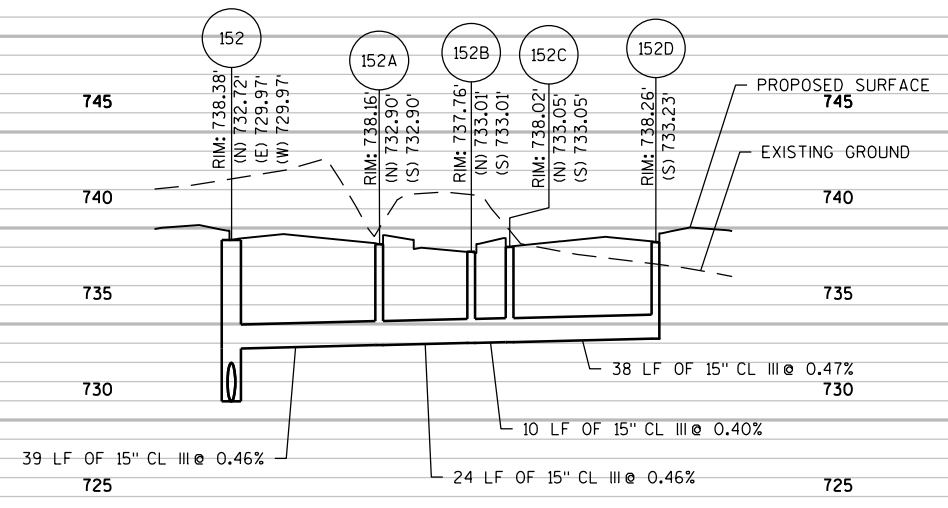
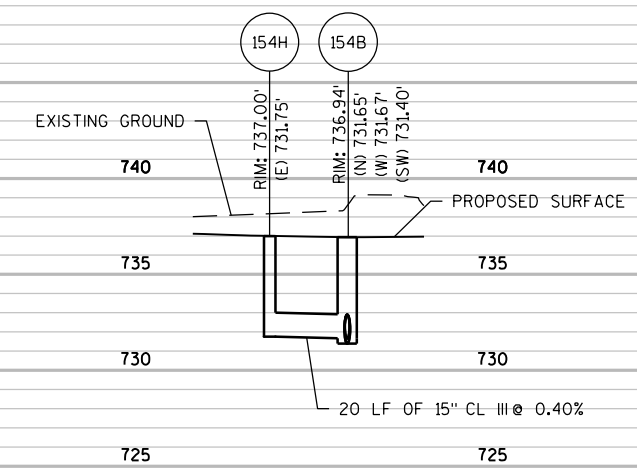
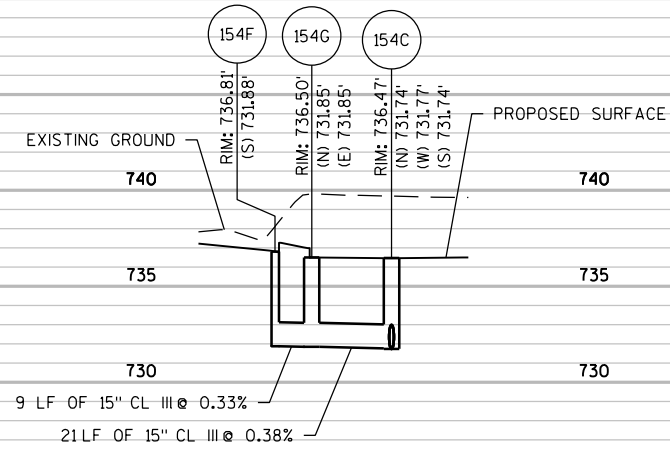
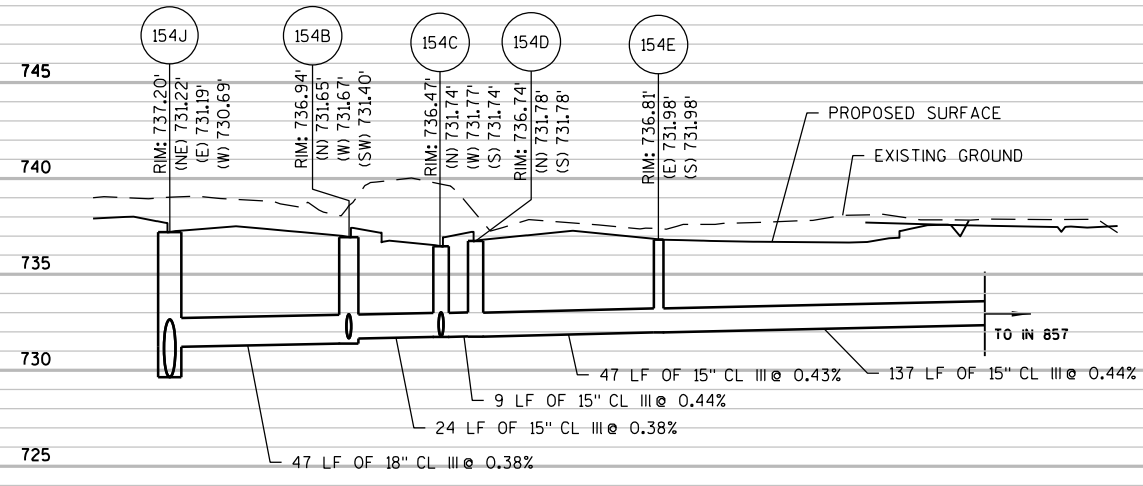


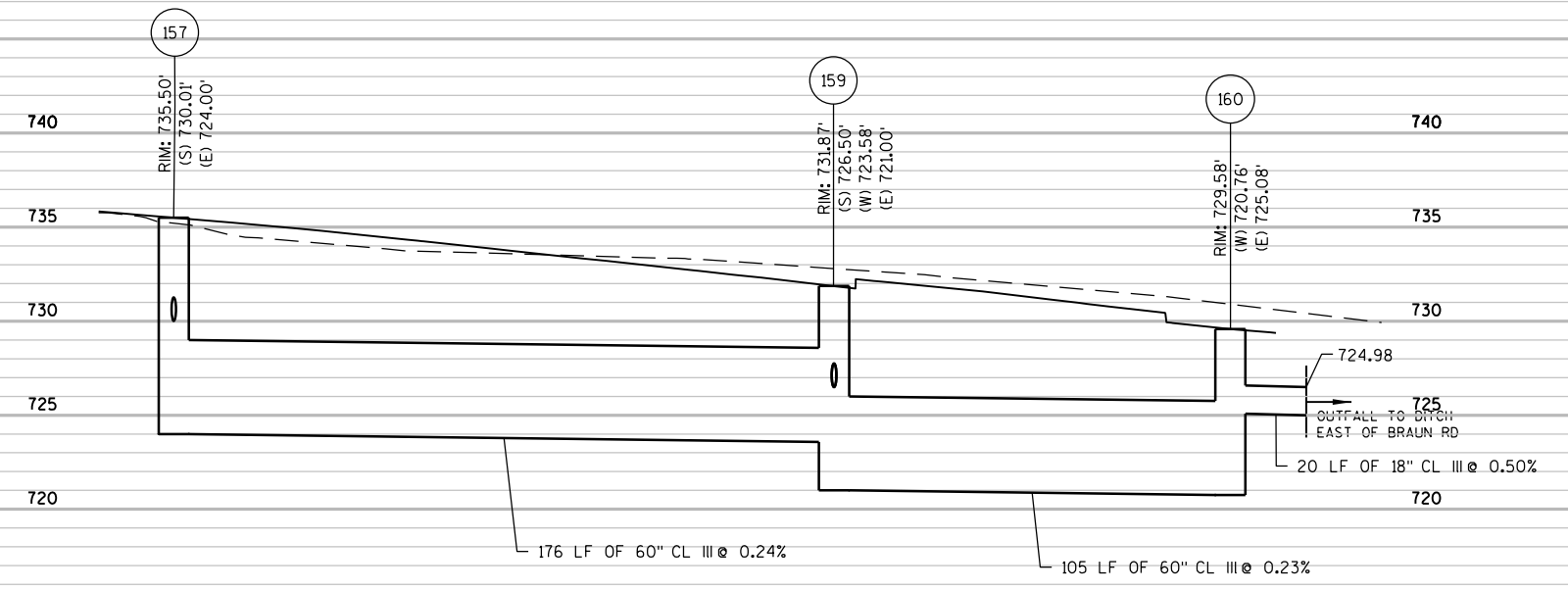
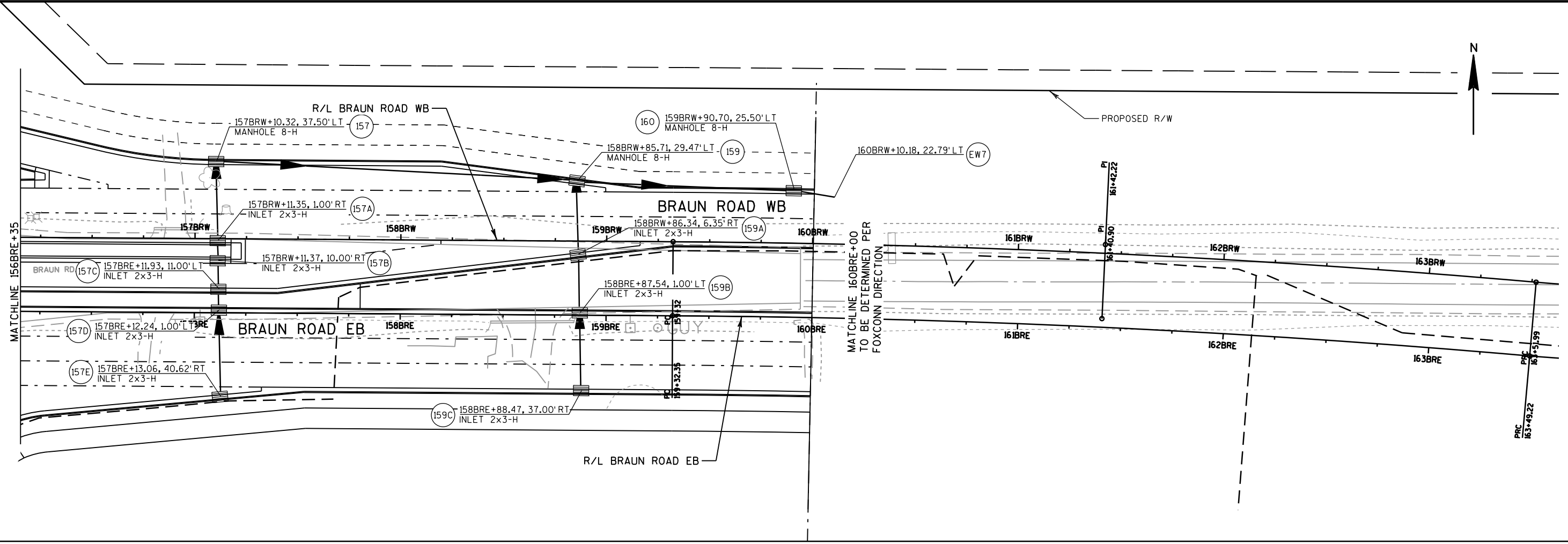
NOTE: STRUCTURE 1008C, 1008F, 1008H
 1008C, 1008J, 1008D, 1008E, 1008A,
 1008B, STRUCTURE RIM ELEVATIONS
 WILL BE DETERMINED BY DEVELOPER



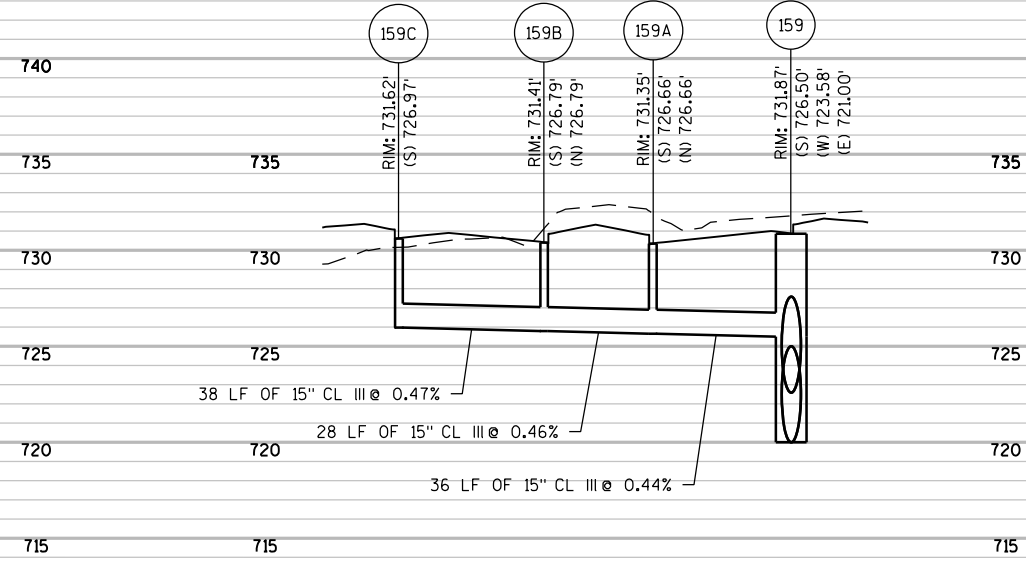
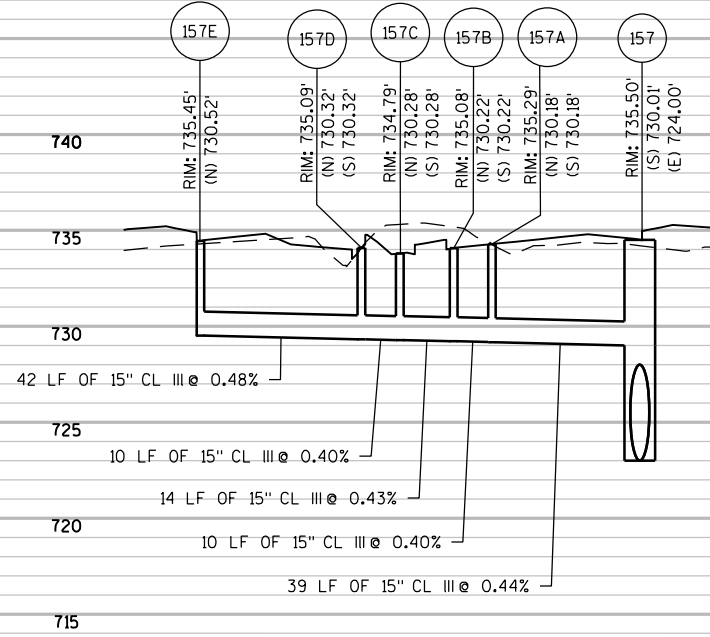


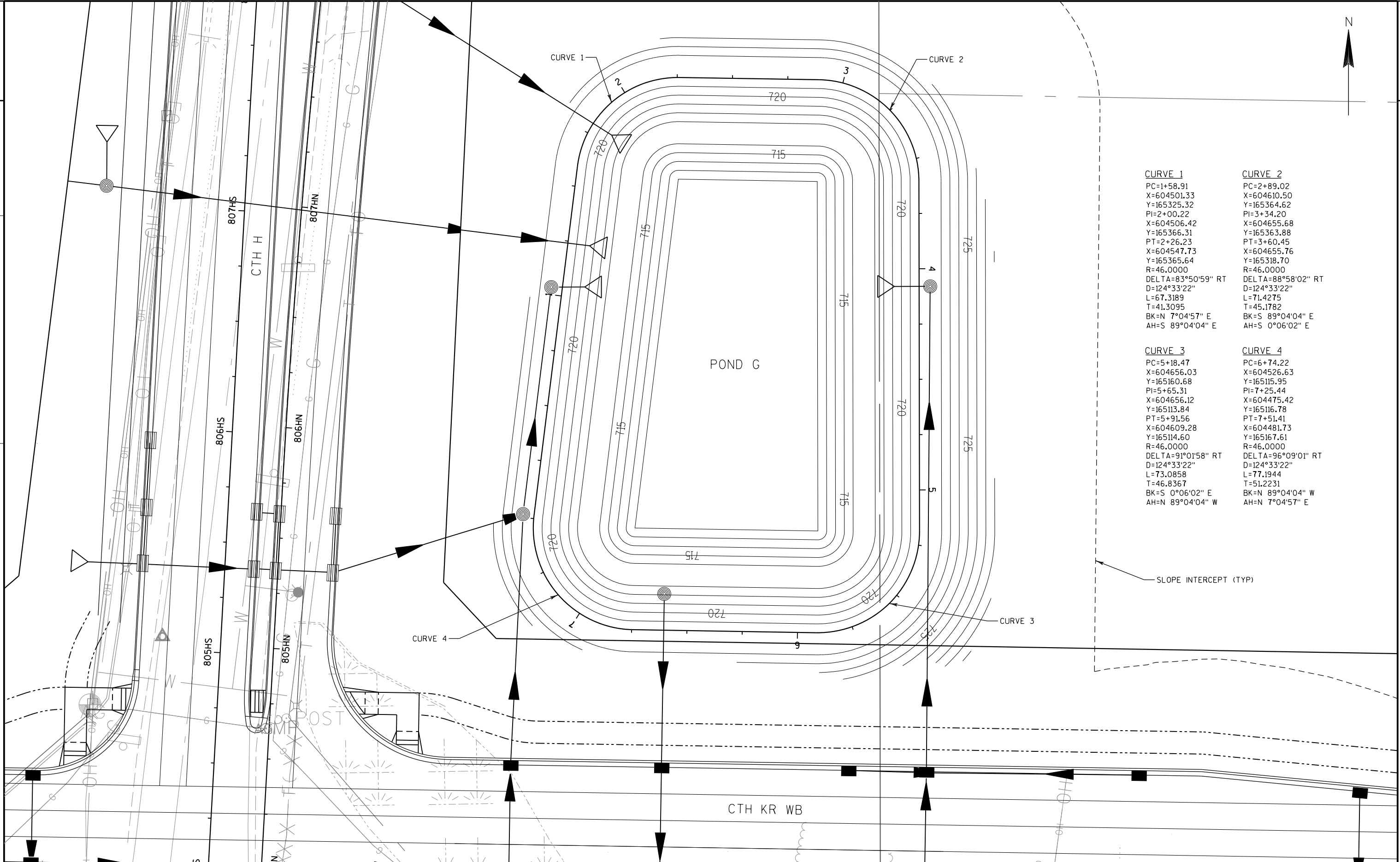
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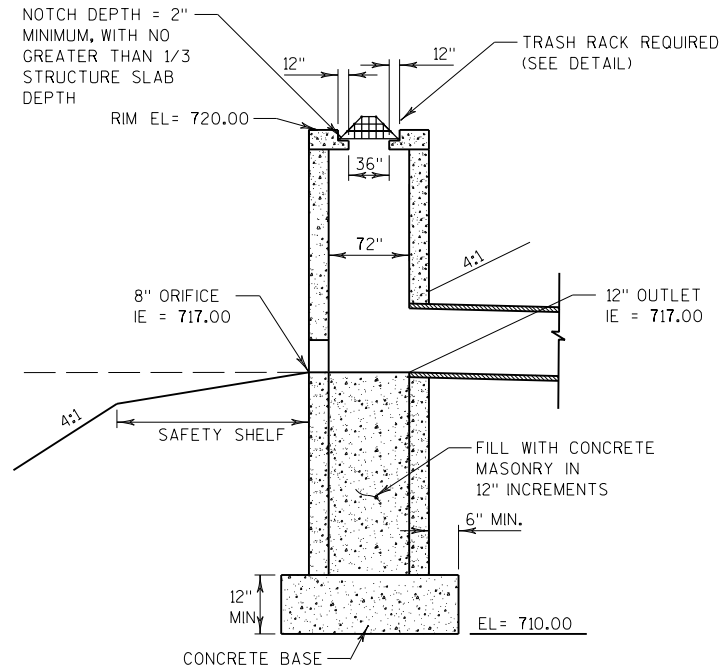


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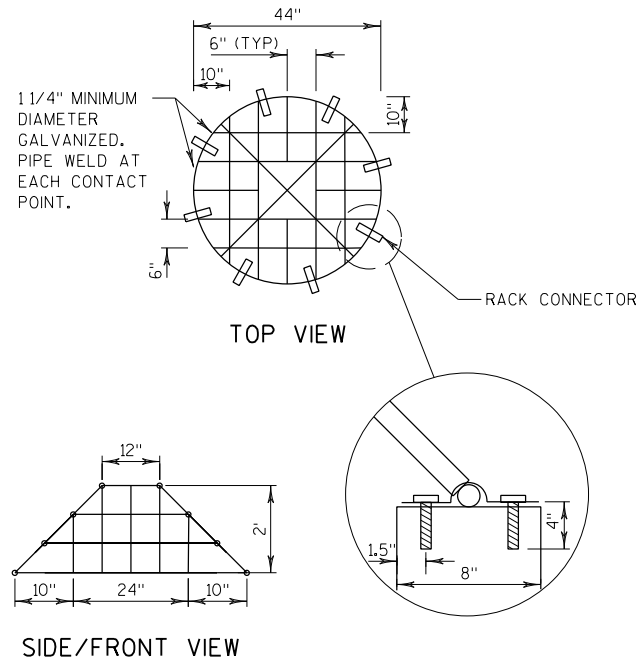


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PC=1+58.91	PC=2+89.02
X=604501.33	X=604610.50
Y=165325.32	Y=165364.62
PI=2+00.22	PI=3+34.20
X=604506.42	X=604655.68
Y=165366.31	Y=165363.88
PT=2+26.23	PT=3+60.45
X=604547.73	X=604655.76
Y=165365.64	Y=165318.70
R=46.0000	R=46.0000
DELTA=83°50'59" RT	DELTA=88°58'02" RT
D=124°33'22"	D=124°33'22"
L=67.3189	L=71.4275
T=41.3095	T=45.1782
BK=N 7°04'57" E	BK=S 89°04'04" E
AH=S 89°04'04" E	AH=S 0°06'02" E
CURVE 3	CURVE 4
PC=5+18.47	PC=6+74.22
X=604656.03	X=604526.63
Y=165160.68	Y=165115.95
PI=5+65.31	PI=7+25.44
X=604656.12	X=604475.42
Y=165113.84	Y=165116.78
PT=5+91.56	PT=7+51.41
X=604609.28	X=604481.73
Y=165114.60	Y=165167.61
R=46.0000	R=46.0000
DELTA=91°01'58" RT	DELTA=96°09'01" RT
D=124°33'22"	D=124°33'22"
L=73.0858	L=77.1944
T=46.8367	T=51.2231
BK=S 0°06'02" E	BK=N 89°04'04" W
AH=N 89°04'04" W	AH=N 7°04'57" E



**POND G OUTLET
STORM SEWER STRUCTURE DETAIL**

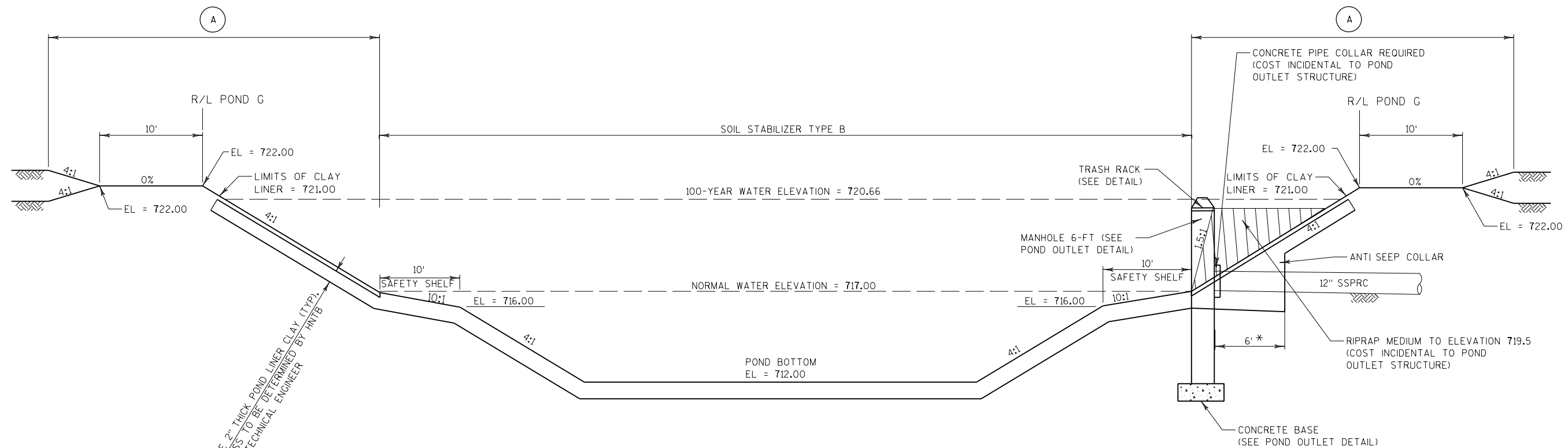
STRUCTURE 952
MANHOLE 6-FT
NTS



TRASH RACK
NTS

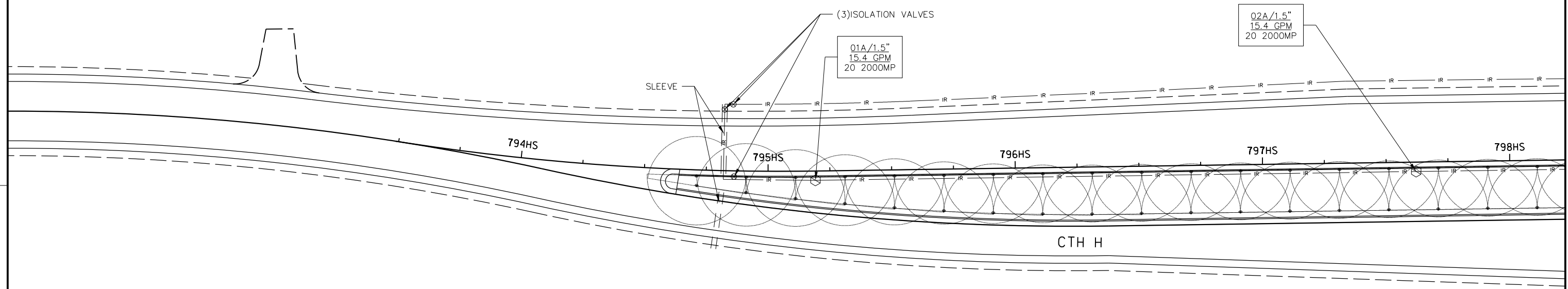
NOTES

1. REFER TO STANDARD DETAIL DRAWING FOR MANHOLE 6-FT FOR ADDITIONAL INFORMATION.
 2. OUTLET STRUCTURE WILL BE PAID FOR AS POND G OUTLET STORM SEWER STRUCTURE.
 3. TRASH RACKS WILL BE GALVANIZED OR SIMILARLY PROTECTED FROM CORROSION AND APPROVED BY THE ENGINEER.
 4. CONNECTOR DEVICE WILL BE REMOVABLE AND APPROVED BY THE ENGINEER.
 5. ANTI-SEEP COLLAR OF CLAY OR BENTONITE REQUIRED AROUND POND OUTLET DISCHARGE PIPE TO PREVENT BACKFLOW OF WATER THROUGH THE SEWER TRENCH. ANTI-SEEP COLLARS MUST EXTEND FROM 1-FOOT ABOVE THE TOP OF PIPE TO THE BOTTOM OF EXCAVATED TRENCH AND BE CONNECTED WITH THE POND LINER PER DETAIL. ANTI-SEEP COLLAR IS INCIDENTAL TO PIPE AND INSTALLATION.
 6. RIPRAP PLACED ON TOP OF CLAY LINER NOT TO BE DUG IN.
- * ANTI-SEEP COLLAR TO BE MINIMUM 1-FOOT FROM OUTLET PIPE JOINT. ANTI-SEEP COLLAR MAY COVER JOINT, SO LONG AS END OF COLLAR IS A MINIMUM 1-FOOT PAST JOINT. ANTI-SEEP COLLAR TO BE CONNECTED TO POND LINER.



POND G
NTS

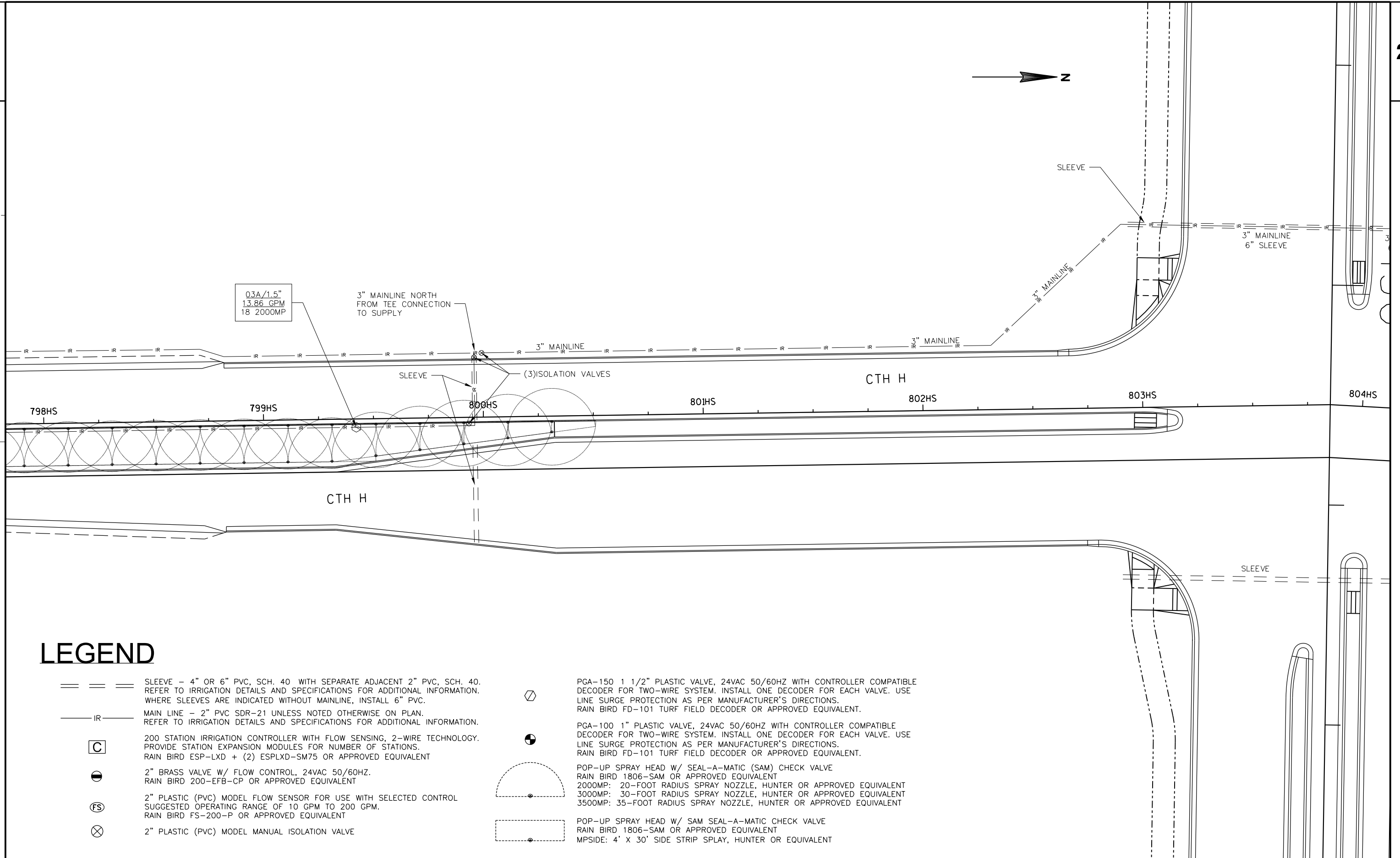
(A) 6" TOPSOIL, EROSION MAT CLASS I TYPE B, SEEDING MIXTURE NO. 40 & FERTILIZER TYPE A



LEGEND

- SLEEVE - 4" OR 6" PVC, SCH. 40 WITH SEPARATE ADJACENT 2" PVC, SCH. 40. REFER TO IRRIGATION DETAILS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION. WHERE SLEEVES ARE INDICATED WITHOUT MAINLINE, INSTALL 6" PVC.
- MAIN LINE - 2" PVC SDR-21 UNLESS NOTED OTHERWISE ON PLAN. REFER TO IRRIGATION DETAILS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- 200 STATION IRRIGATION CONTROLLER WITH FLOW SENSING, 2-WIRE TECHNOLOGY. PROVIDE STATION EXPANSION MODULES FOR NUMBER OF STATIONS. RAIN BIRD ESP-LXD + (2) ESPLXD-SM75 OR APPROVED EQUIVALENT
- 2" BRASS VALVE W/ FLOW CONTROL, 24VAC 50/60HZ. RAIN BIRD 200-EFB-CP OR APPROVED EQUIVALENT
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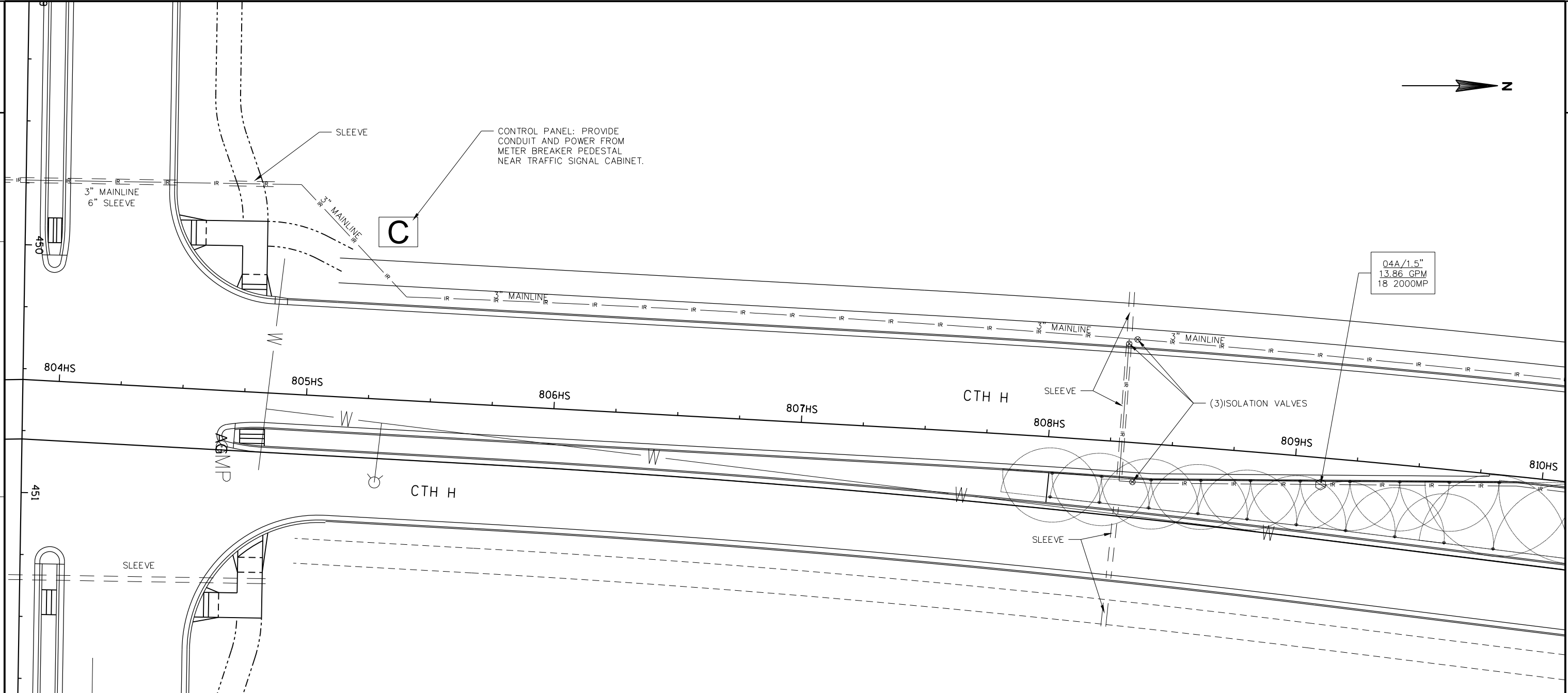
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- PGA-100 1" PLASTIC VALVE, 24VAC 50/60HZ WITH CONTROLLER COMPATIBLE DECODER FOR TWO-WIRE SYSTEM. INSTALL ONE DECODER FOR EACH VALVE. USE LINE SURGE PROTECTION AS PER MANUFACTURER'S DIRECTIONS. RAIN BIRD FD-101 TURF FIELD DECODER OR APPROVED EQUIVALENT.
- POP-UP SPRAY HEAD W/ SEAL-A-MATIC (SAM) CHECK VALVE
RAIN BIRD 1806-SAM OR APPROVED EQUIVALENT
2000MP: 20-FOOT RADIUS SPRAY NOZZLE, HUNTER OR APPROVED EQUIVALENT
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- POP-UP SPRAY HEAD W/ SAM SEAL-A-MATIC CHECK VALVE
RAIN BIRD 1806-SAM OR APPROVED EQUIVALENT
MPSIDE: 4' X 30' SIDE STRIP SPLAY, HUNTER OR EQUIVALENT



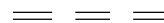









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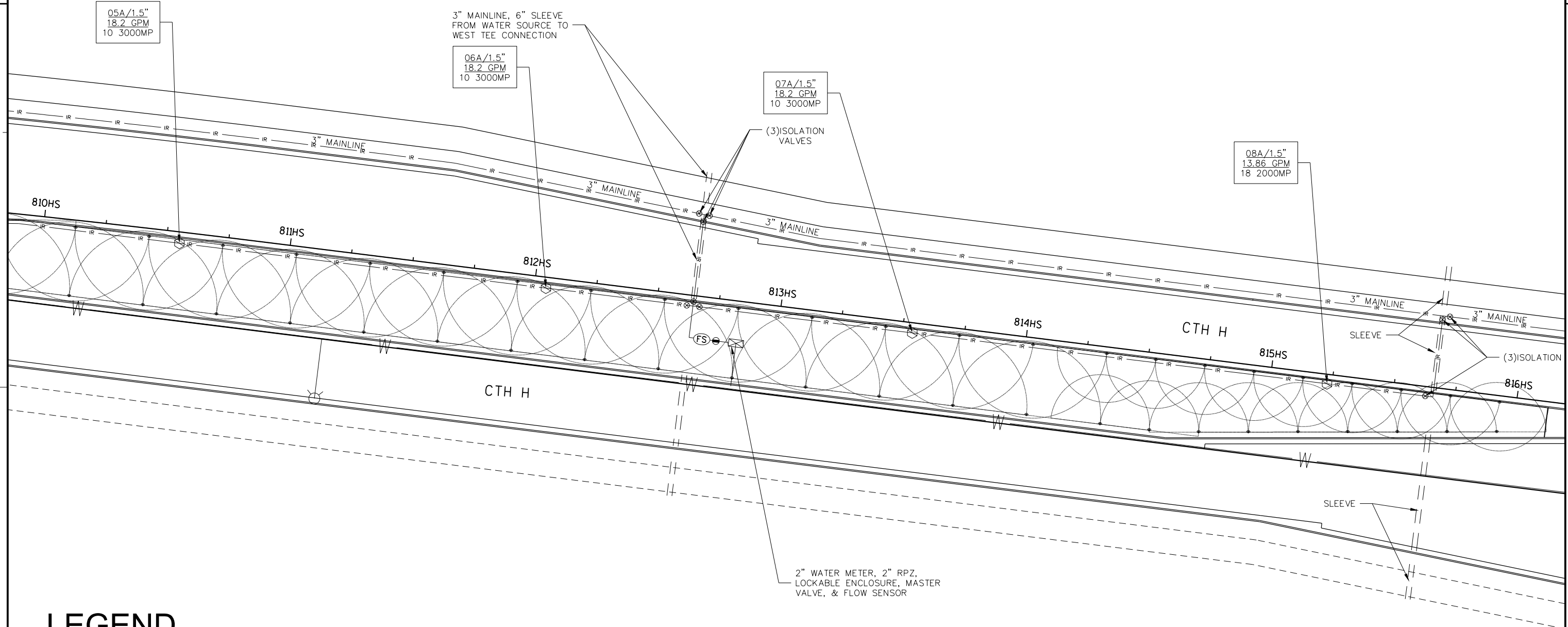
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- PGA-100 1" PLASTIC VALVE, 24VAC 50/60HZ WITH CONTROLLER COMPATIBLE DECODER FOR TWO-WIRE SYSTEM. INSTALL ONE DECODER FOR EACH VALVE. USE LINE SURGE PROTECTION AS PER MANUFACTURER'S DIRECTIONS. RAIN BIRD FD-101 TURF FIELD DECODER OR APPROVED EQUIVALENT.
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- POP-UP SPRAY HEAD W/ SAM SEAL-A-MATIC CHECK VALVE
 RAIN BIRD 1806-SAM OR APPROVED EQUIVALENT
 MPSIDE: 4' X 30' SIDE STRIP SPLAY, HUNTER OR EQUIVALENT



LEGEND

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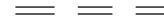
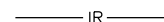






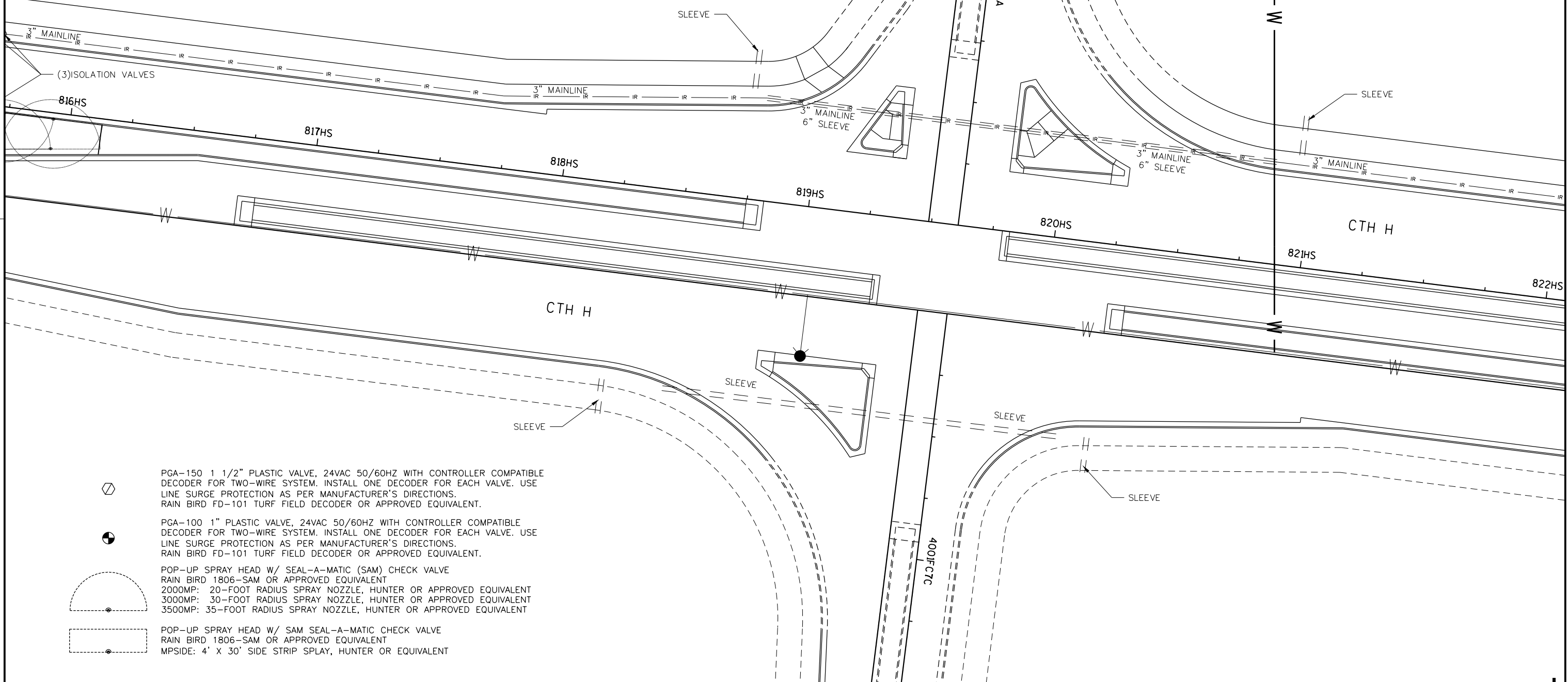
LEGEND





- SLEEVE - 4" OR 6" PVC, SCH. 40 WITH SEPARATE ADJACENT 2" PVC, SCH. 40. REFER TO IRRIGATION DETAILS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION. WHERE SLEEVES ARE INDICATED WITHOUT MAINLINE, INSTALL 6" PVC.
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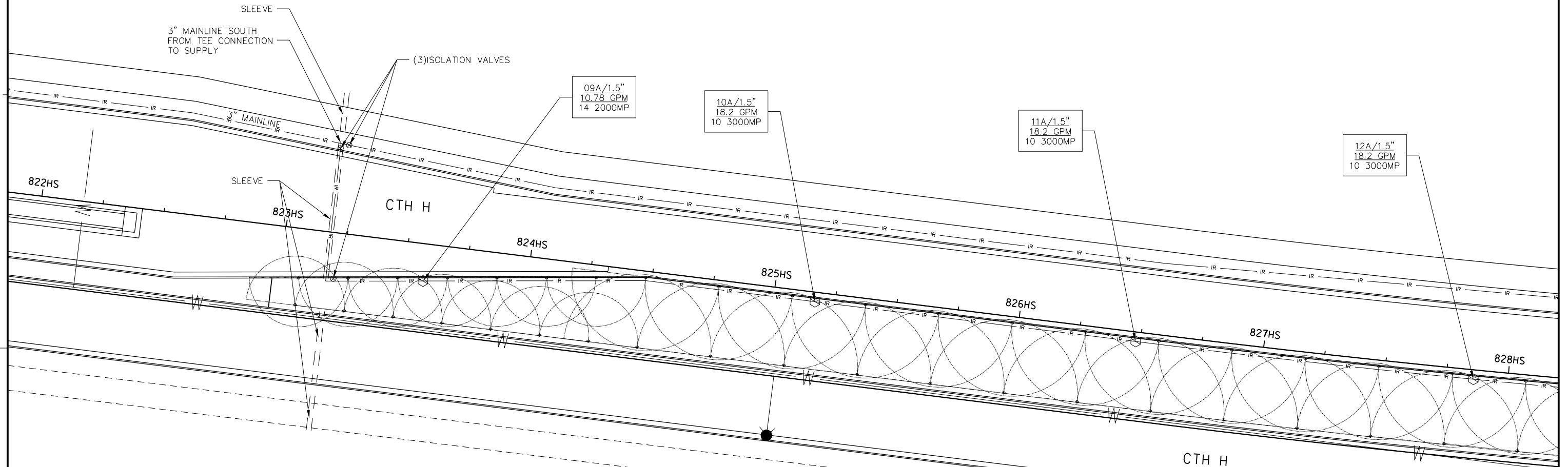
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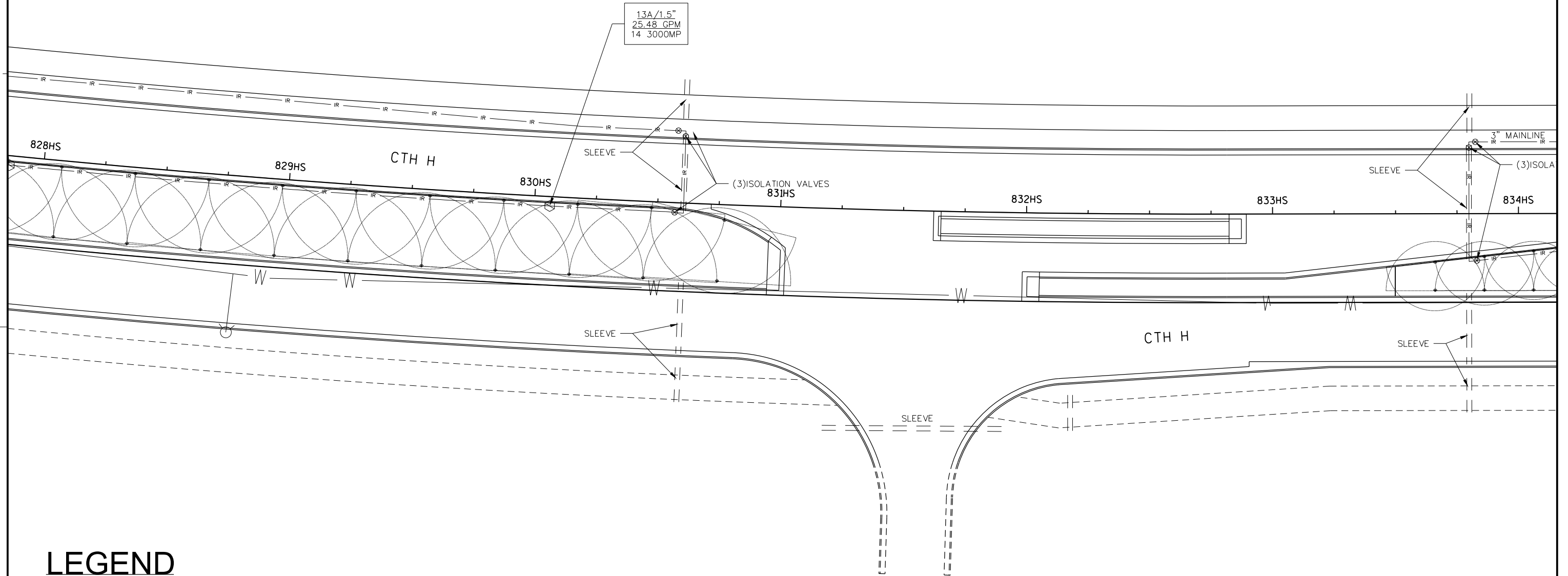
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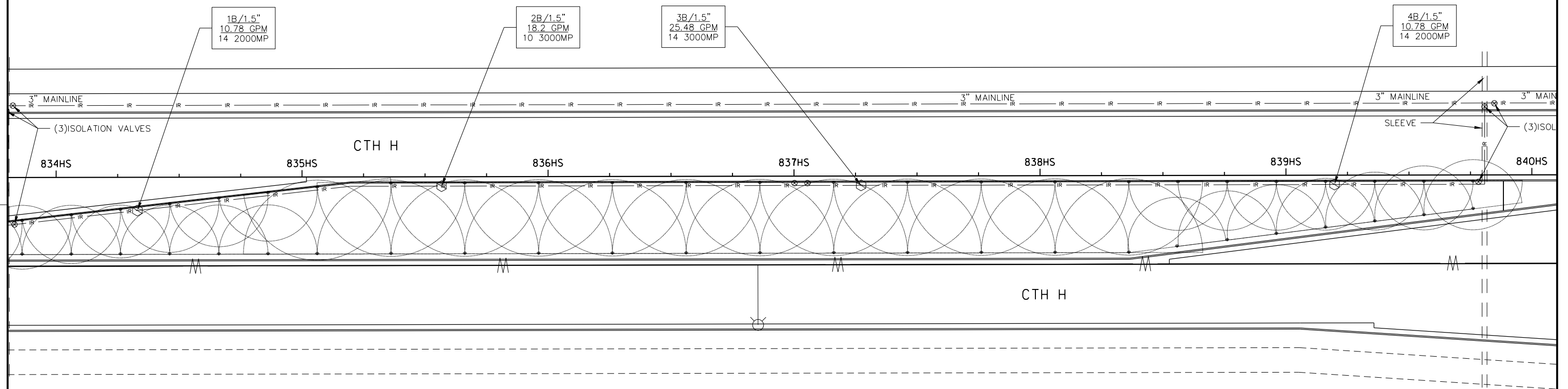
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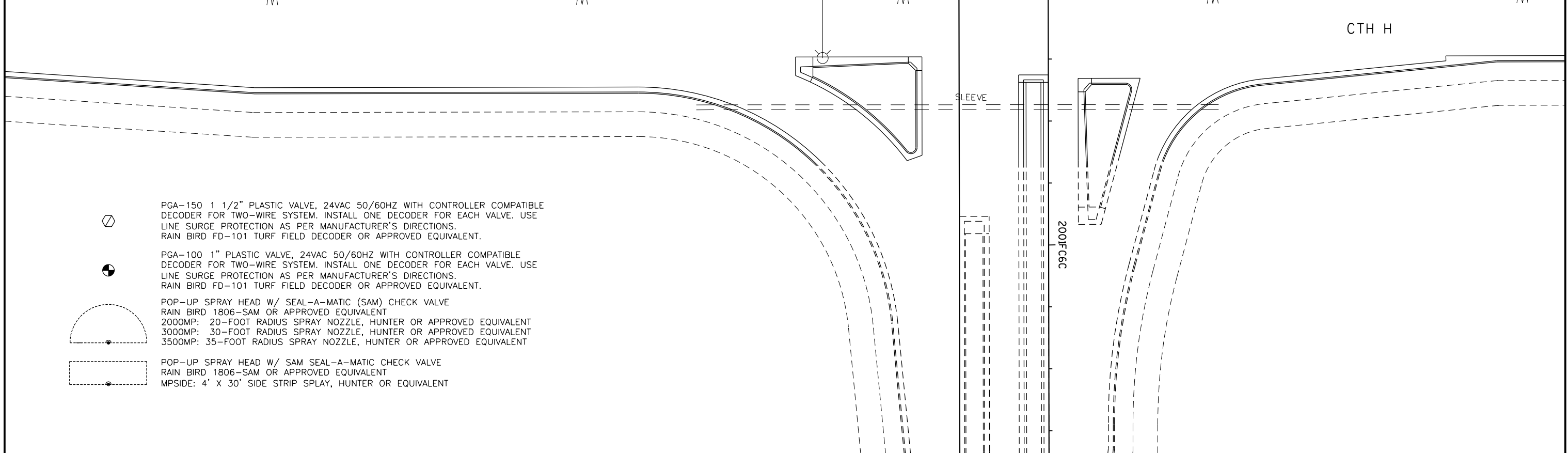
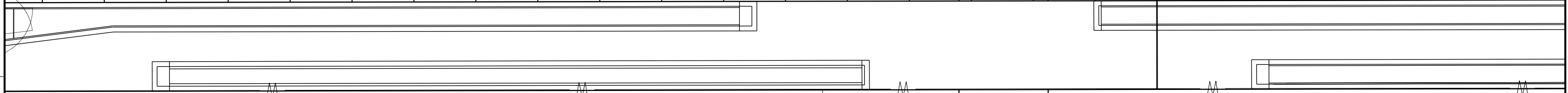
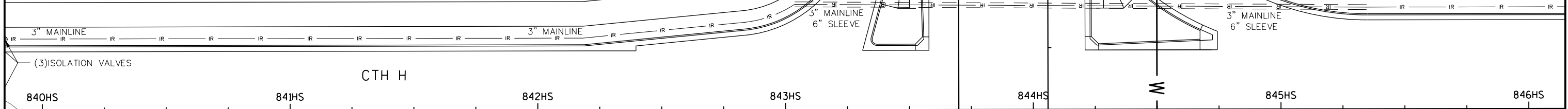
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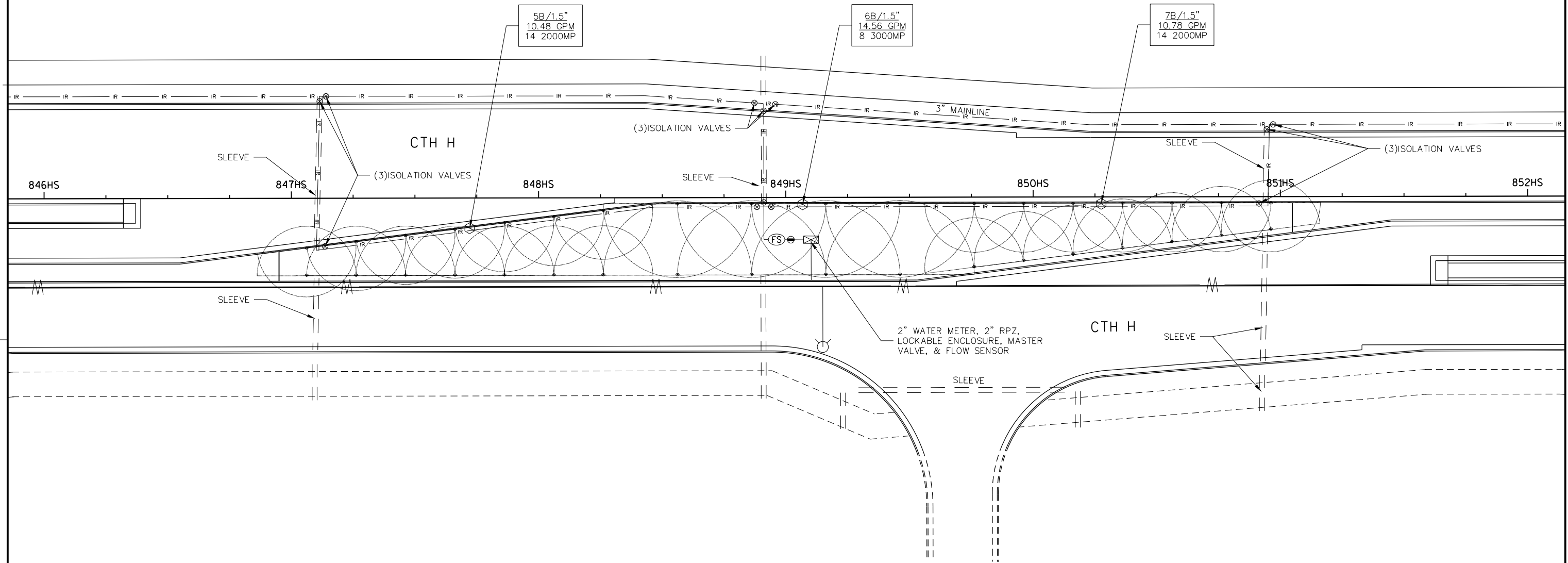
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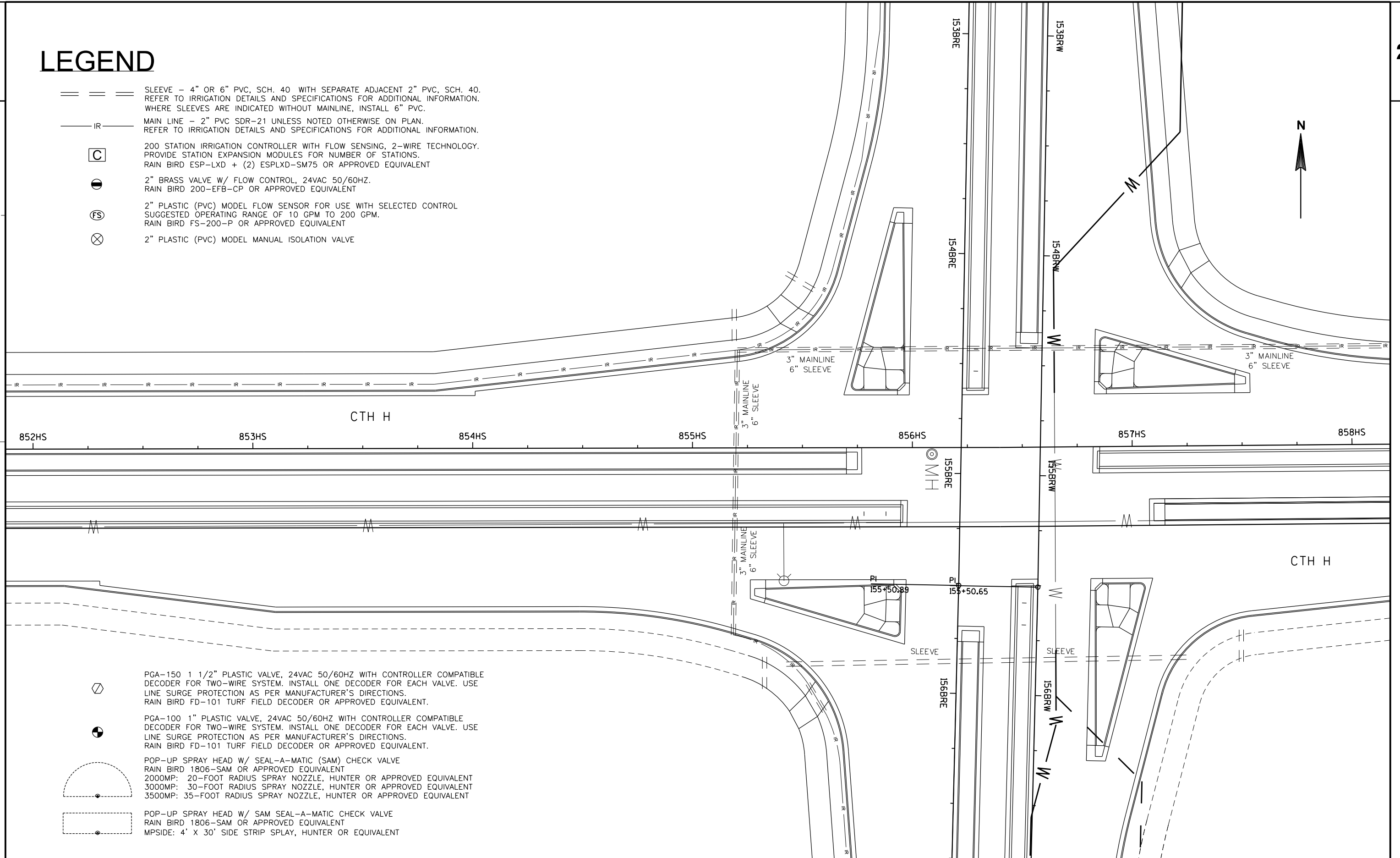
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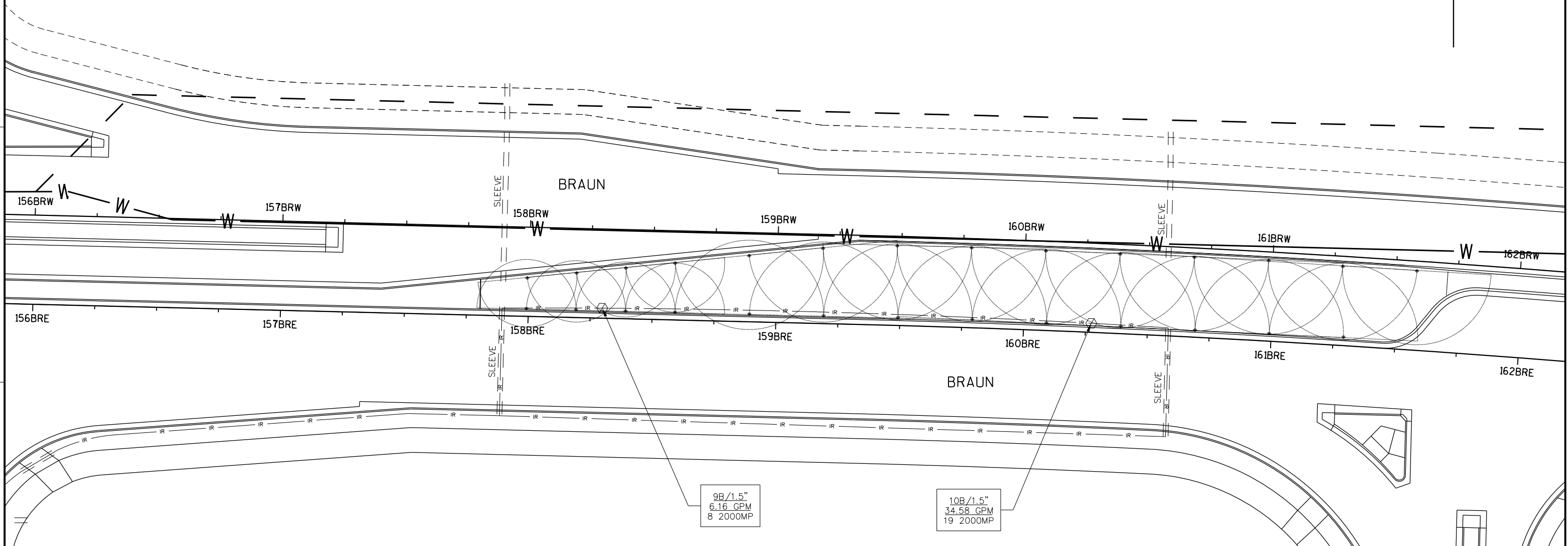
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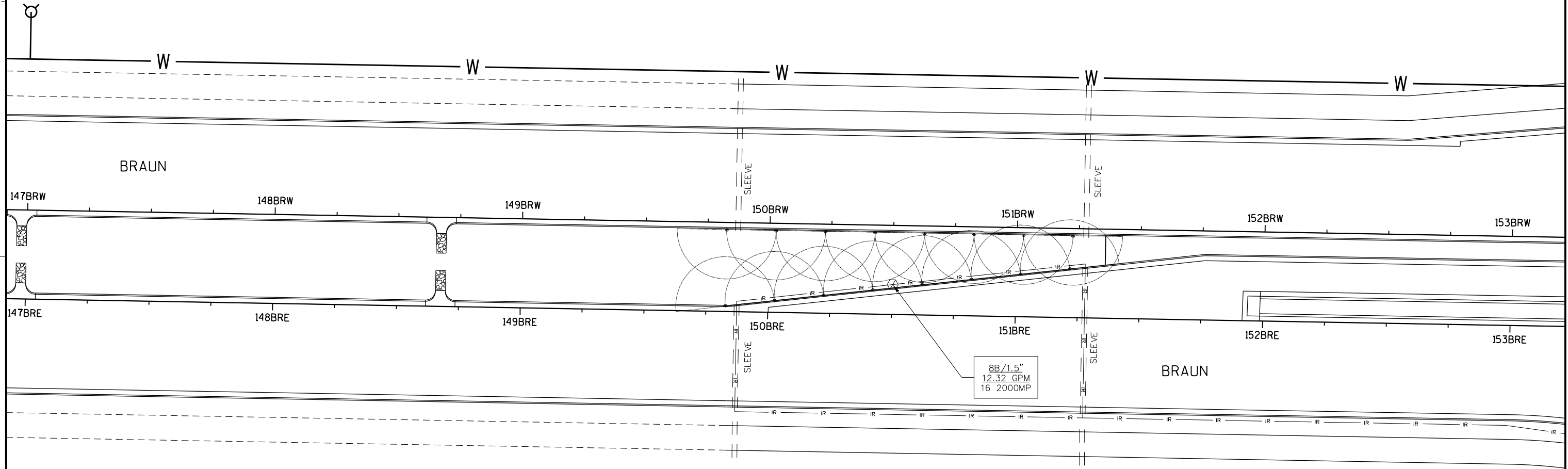
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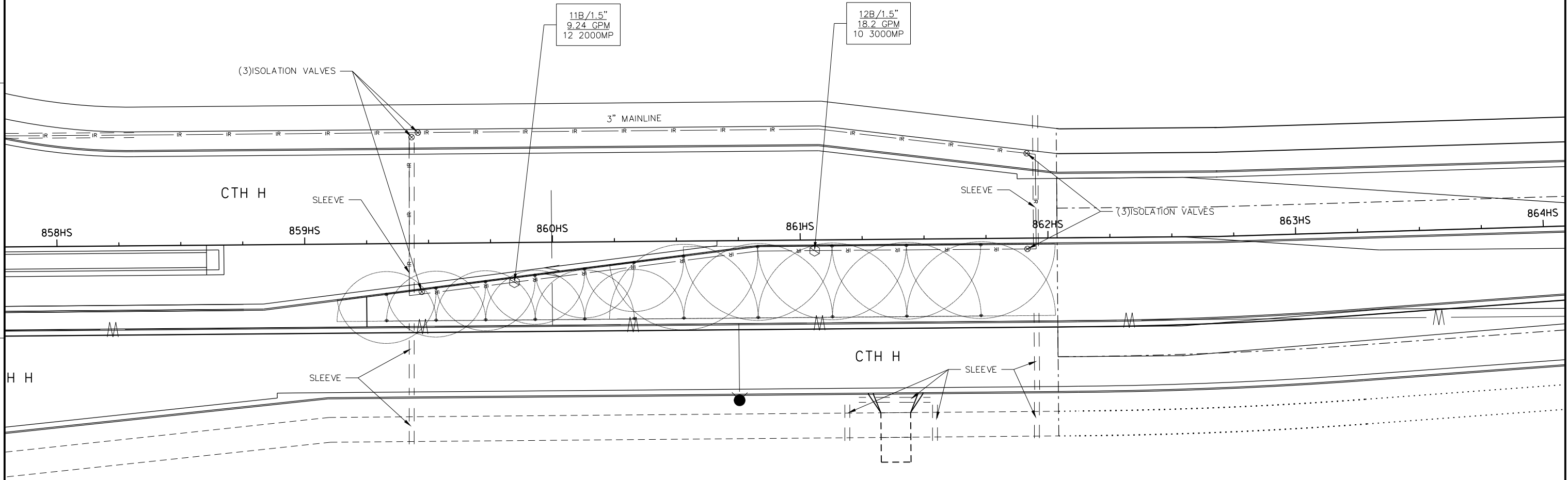
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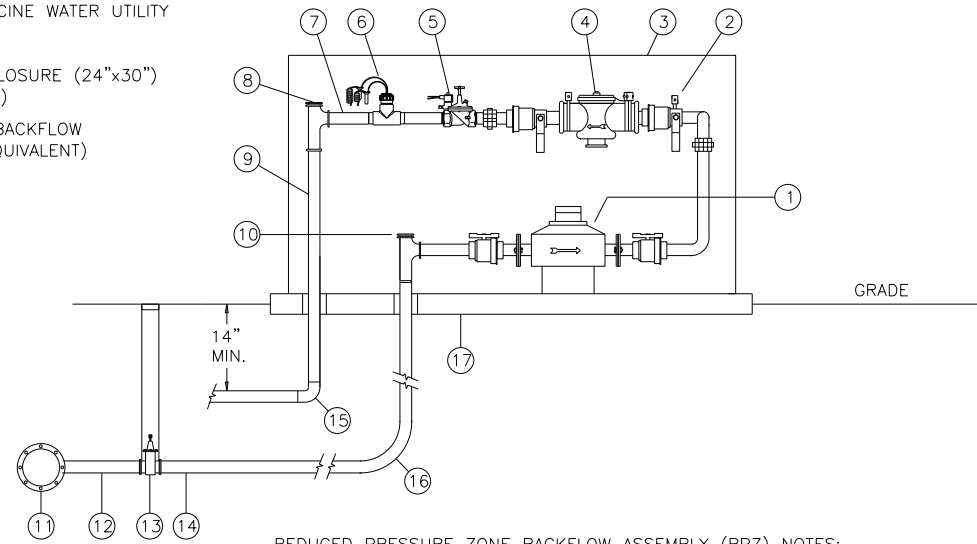


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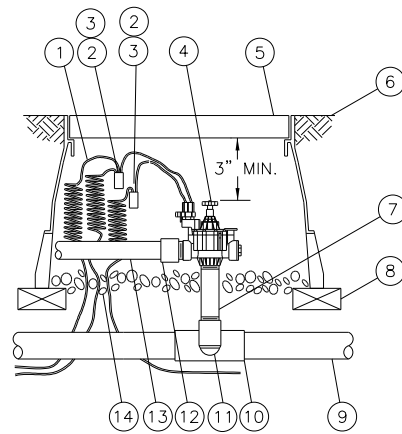
- ① 2" WATER METER - COORIDANTE WITH RACINE WATER UTILITY
- ② 1-1/2" FULL FLOW BALL VALVE
- ③ BACKFLOW PREVENTER/WATER METER ENCLOSURE (24"x30") (WATERTRONICS OR APPROVED EQUIVALENT)
- ④ RPZ: 2" REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER (WATTS 009 OR APPROVED EQUIVALENT)
- ⑤ 2" MASTER VALVE
- ⑥ 2" FLOW SENSOR
- ⑦ 2" PIPE
- ⑧ 1 1/2" BLOWOUT PLUG
- ⑨ 3" DROP PIPE
- ⑩ 2" SYPHON PLUG
- ⑪ EXISTING WATER MAIN
- ⑫ 2" WATER LATERAL TO CURB STOP VALVE (BY WATERMAIN UTILITY INSTALLER)
- ⑬ 2" SHUTOFF VALVE (BY WATERMAIN UTILITY INSTALLER)
- ⑭ 2" SHUTOFF VALVE (BY WATERMAIN UTILITY INSTALLER)
- ⑮ P.O.C. AFTER CURB STOP VALVE BY WATER/SEWER CONTRACTOR
- ⑯ 2" IRRIGATION MAINLINE, TRANSITION TO 3" AFTER 90° BEND WITH 2" TO 3" BUSHING
- ⑰ 2" WATER SERVICE- STUBBED A MINIMUM OF 2' ABOVE GRADE (INSTALLED BY WATER/SEWER CONTRACTOR)
- ⑱ CONCRETE PAD OVER GRAVEL BASE PER MANUFACTURERS SPECIFICATIONS



REDUCED PRESSURE ZONE BACKFLOW ASSEMBLY (RPZ) NOTES:

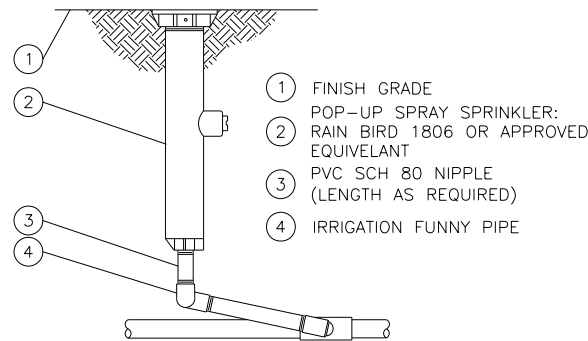
1. EQUIPMENT TO BE WATTS SERIES 009/909 OR APPROVED EQUIVALENT
2. ONLY ONE RPZ IS REQUIRED TO SERVE EACH METER ASSEMBLY. INSTALL ENTIRE IRRIGATION SYSTEM (ON/OFF VALVES) DOWNSTREAM OF THE RPZ.
3. RPZ MUST BE INSTALLED A MINIMUM OF 12-INCHES ABOVE GROUND LEVEL.
4. RPZ MUST BE TESTED BY A STATE-CERTIFIED BACKFLOW ASSEMBLY TESTER AT TIME OF INSTALLATION, ANNUALLY, OR WHEN MOVED OR REPAIRED.
5. IN AN RPZ EQUIPPED SYSTEM, FERTILIZER AND OTHER AGRICULTURAL CHEMICALS MAY BE INTRODUCED DOWNSTREAM OF (AFTER) THE RPZ.
6. IRRIGATION SYSTEM TO BE ANTI-SIPHON, ANTI-BACKPRESSURE, MULTI-ZONE

WATER METER AND CROSS CONNECTION DETAIL NOT TO SCALE



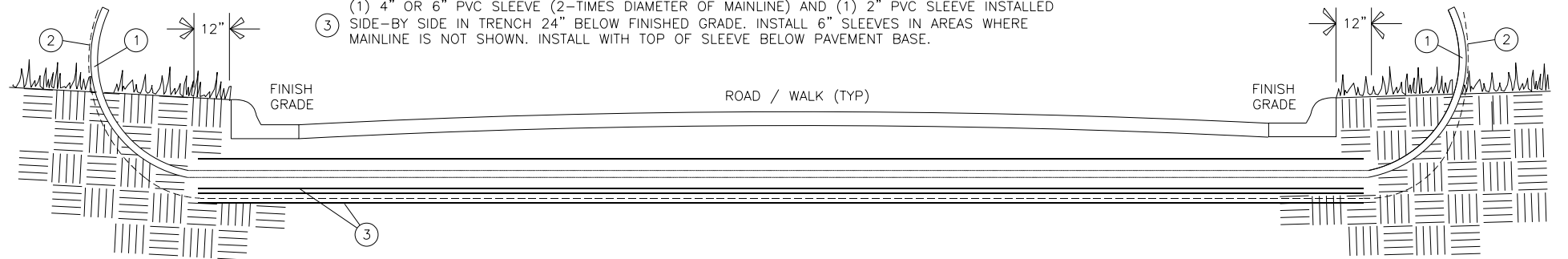
- ① 30-INCH LINEAR LENGTH OF WIRE, COILED
- ② WATERPROOF CONNECTION:
- ③ DECODER
- ④ REMOTE CONTROL VALVE: PGA
- ⑤ VALVE BOX WITH COVER:
- ⑥ FINISH GRADE/TOP OF MULCH
- ⑦ PVC SCH 80 NIPPLE (LENGTH AS REQUIRED)
- ⑧ BRICK (1 OF 4)
- ⑨ PVC MAINLINE PIPE
- ⑩ PVC SCH 40 TEE OR ELL
- ⑪ SCH 80 NIPPLE: (2-INCH LENGTH, HIDDEN & SCH 40 ELL)
- ⑫ PVC SCH 40 MALE ADAPTER
- ⑬ PVC LATERAL PIPE
- ⑭ 3.0-INCH MINIMUM DEPTH OF 3/4-INCH WASHED GRAVEL

ELECTRIC REMOTE CONTROL PGA VALVE NOT TO SCALE



POP-UP SPRAY SPRINKLER NOT TO SCALE

- ① 1" POLY PIPE THRU SLEEVE EXTEND 3- FEET ABOVE GRADE
- ② PULL WIRE THRU SLEEVE - EXTEND 3- FEET ABOVE GRADE
- ③ (1) 4" OR 6" PVC SLEEVE (2-TIMES DIAMETER OF MAINLINE) AND (1) 2" PVC SLEEVE INSTALLED SIDE-BY-SIDE IN TRENCH 24" BELOW FINISHED GRADE. INSTALL 6" SLEEVES IN AREAS WHERE MAINLINE IS NOT SHOWN. INSTALL WITH TOP OF SLEEVE BELOW PAVEMENT BASE.



SLEEVING DETAIL NOT TO SCALE




- ① TWO-WIRE DECODER CONTROLLER: TWO-WIRE DECODER (RAIN BIRD ESP-LXD OR APPROVED EQUIVALENT) CONTROLLER WITH STAINLESS STEEL METAL CABINET (RAIN BIRD LXMM OR APPROVED EQUIVALENT) AND STAINLESS STEEL METAL PEDESTAL (RAINBIRD LXMPED OR APPROVED EQUIVALENT). INSTALL CONTROLLER, CABINET AND PEDESTAL PER MANUFACTURER'S RECOMMENDATIONS.
- ② CONCRETE PAD: 6-INCH MINIMUM THICKNESS
- ③ FINISH GRADE
- ④ POWER SUPPLY WIRE
- ⑤ 1-INCH SCH 40 PVC CONDUIT, FITTINGS AND SWEEP ELL FOR POWER SUPPLY
- ⑥ 3-INCH SCH 40 PVC CONDUIT, FITTINGS AND SWEEP ELL FOR TWO-WIRE CABLE
- ⑦ MAXICABLE TWO-WIRE PATH TO DECODERS USE A DIFFERENT CABLE JACKET COLOR FOR EACH PATH.
- ⑧ COMPACTED SUBGRADE

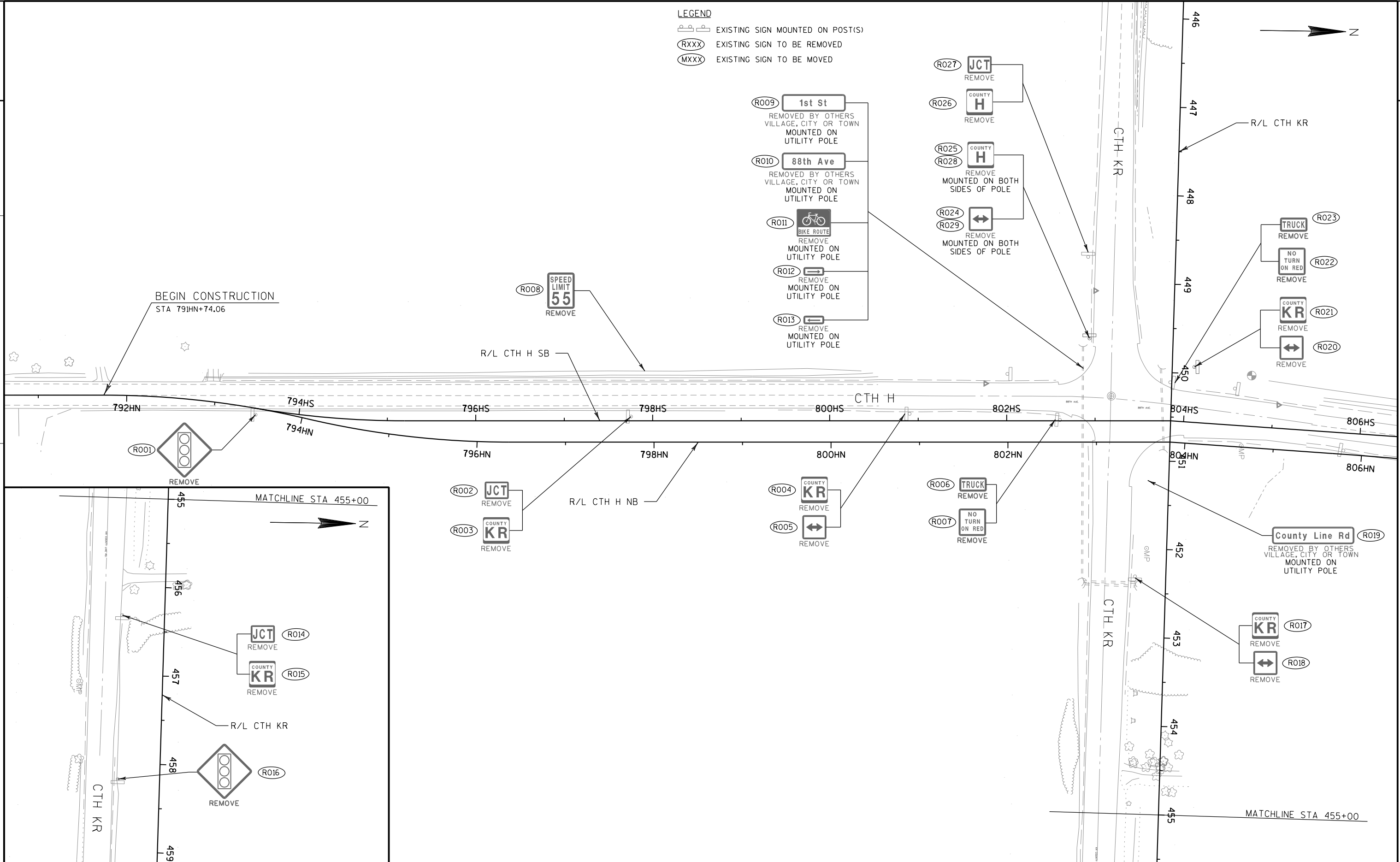
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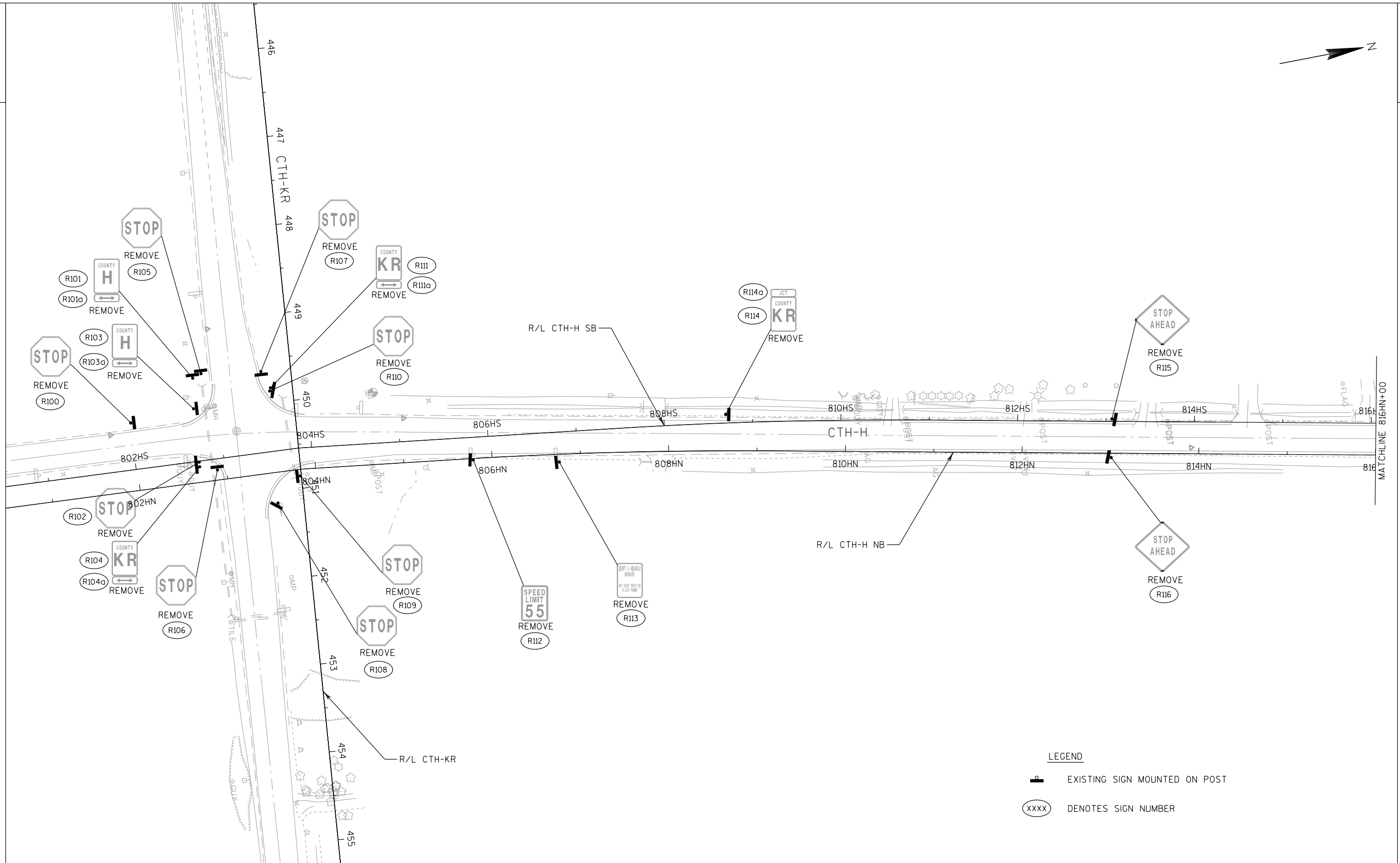
1. PROVIDE EXPANSION MODULES TO ALLOW FOR THE MAXIMUM STATION CAPACITY TO ACCOMMODATE EXISTING SYSTEM AND FUTURE EXPANSION.
2. PROVIDE PROPER GROUNDING COMPONENTS TO ACHIEVE GROUND RESISTANCE OF 10 OHMS OR LESS.

TWO-WIRE DECODER CONTROLLER IN STAINLESS STEEL PEDESTAL NOT TO SCALE

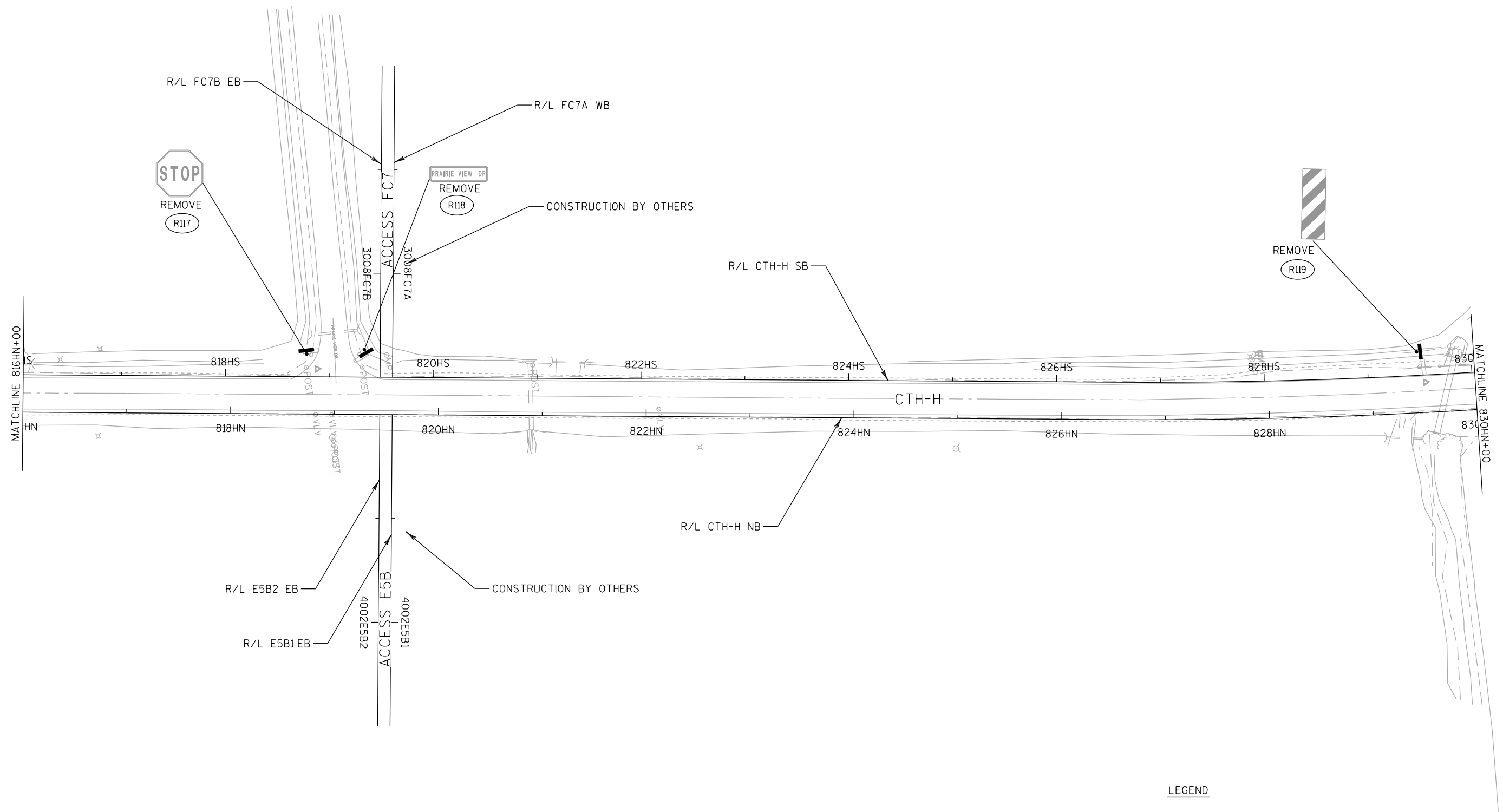
LEGEND

-  EXISTING SIGN MOUNTED ON POST(S)
-  EXISTING SIGN TO BE REMOVED
-  EXISTING SIGN TO BE MOVED





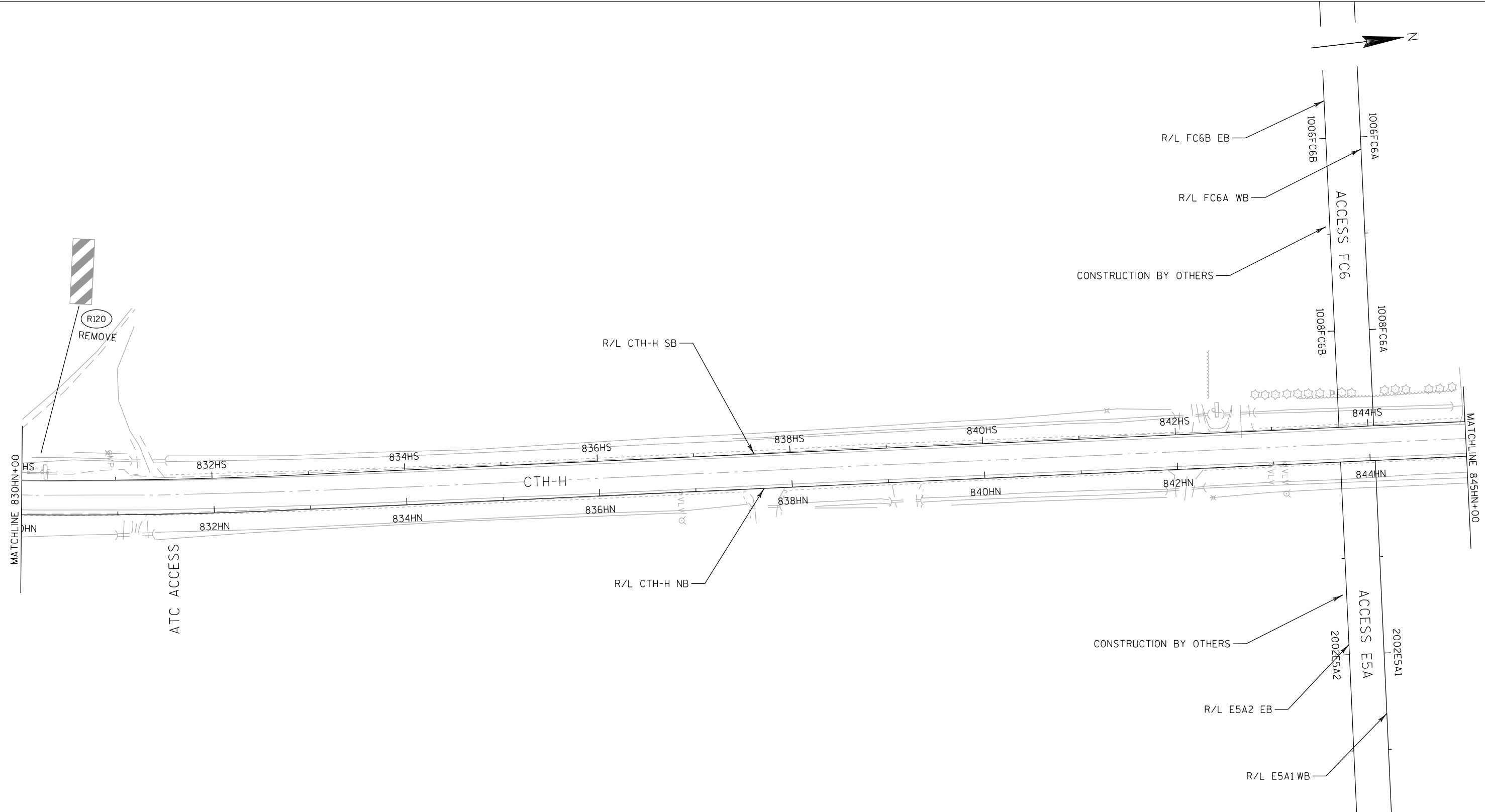


PROJECT NO: 3760-00-70	HWY: CTH H	COUNTY: RACINE	EXISTING SIGNING	SHEET E
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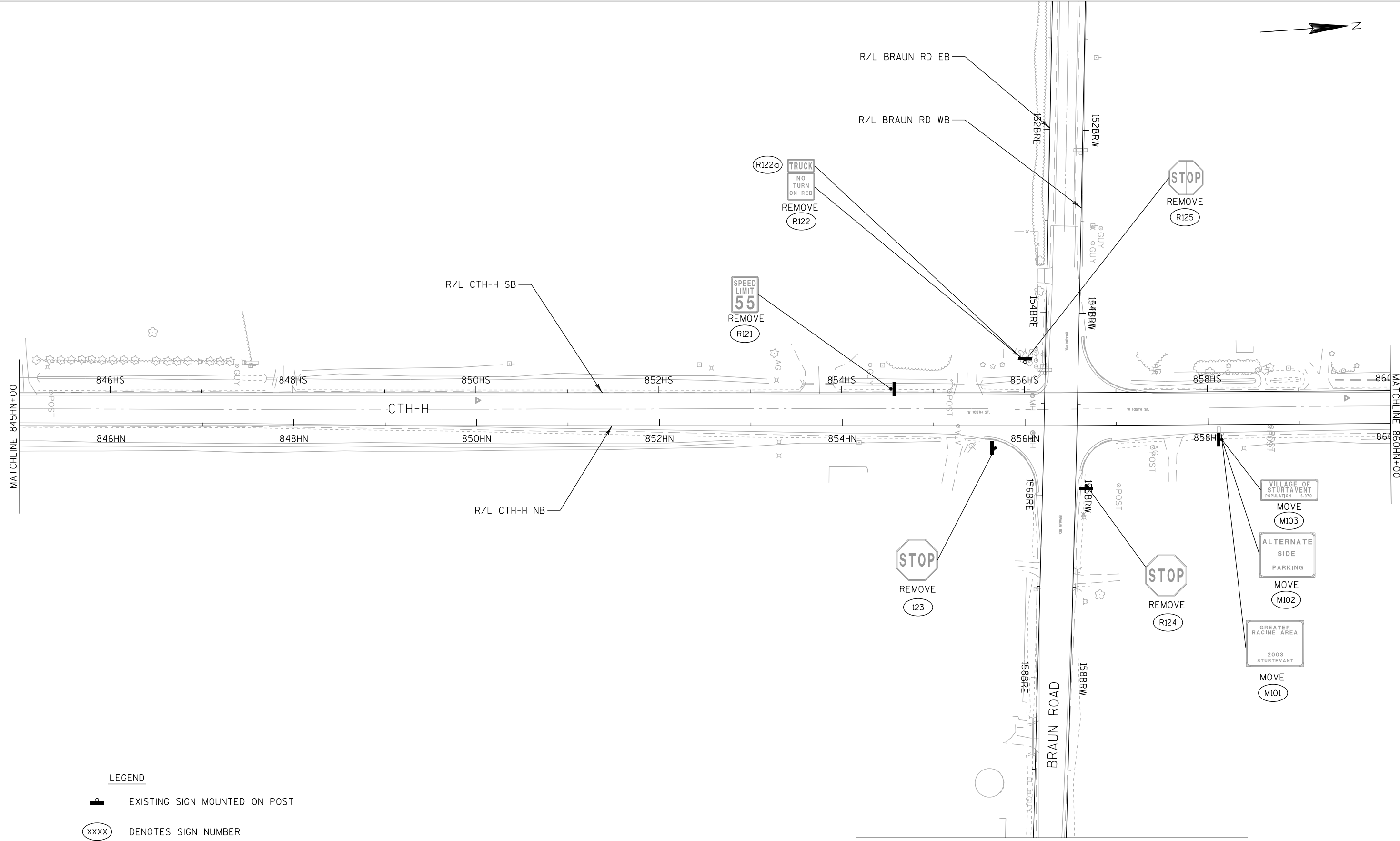
LEGEND



-  EXISTING SIGN MOUNTED ON POST
-  DENOTES SIGN NUMBER



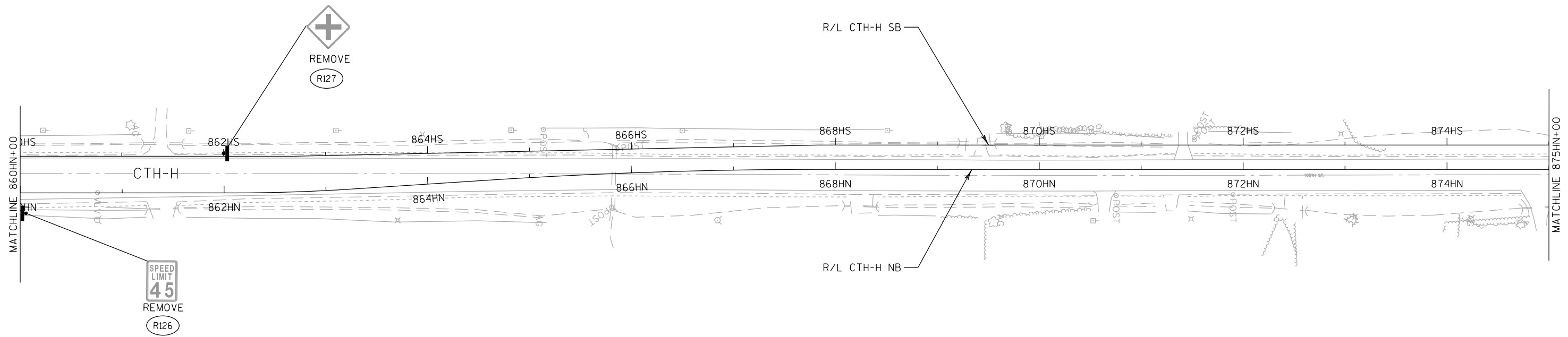
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-  EXISTING SIGN MOUNTED ON POST
-  DENOTES SIGN NUMBER





- LEGEND**
-  EXISTING SIGN MOUNTED ON POST
 -  DENOTES SIGN NUMBER

MATCHLINE XX TO BE DETERMINED PER FOXCONN DIRECTION



LEGEND

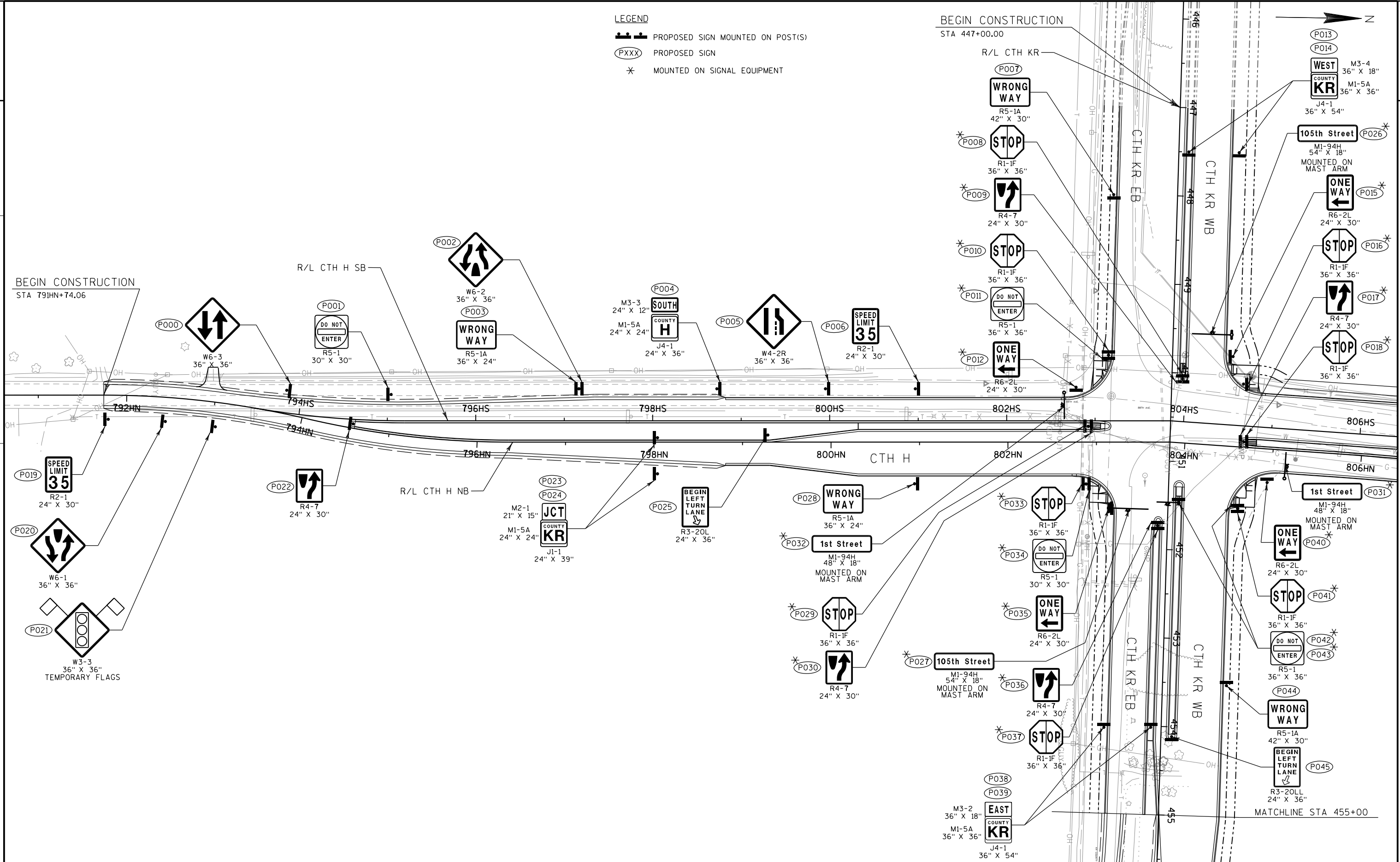
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-  DENOTES SIGN NUMBER

LEGEND

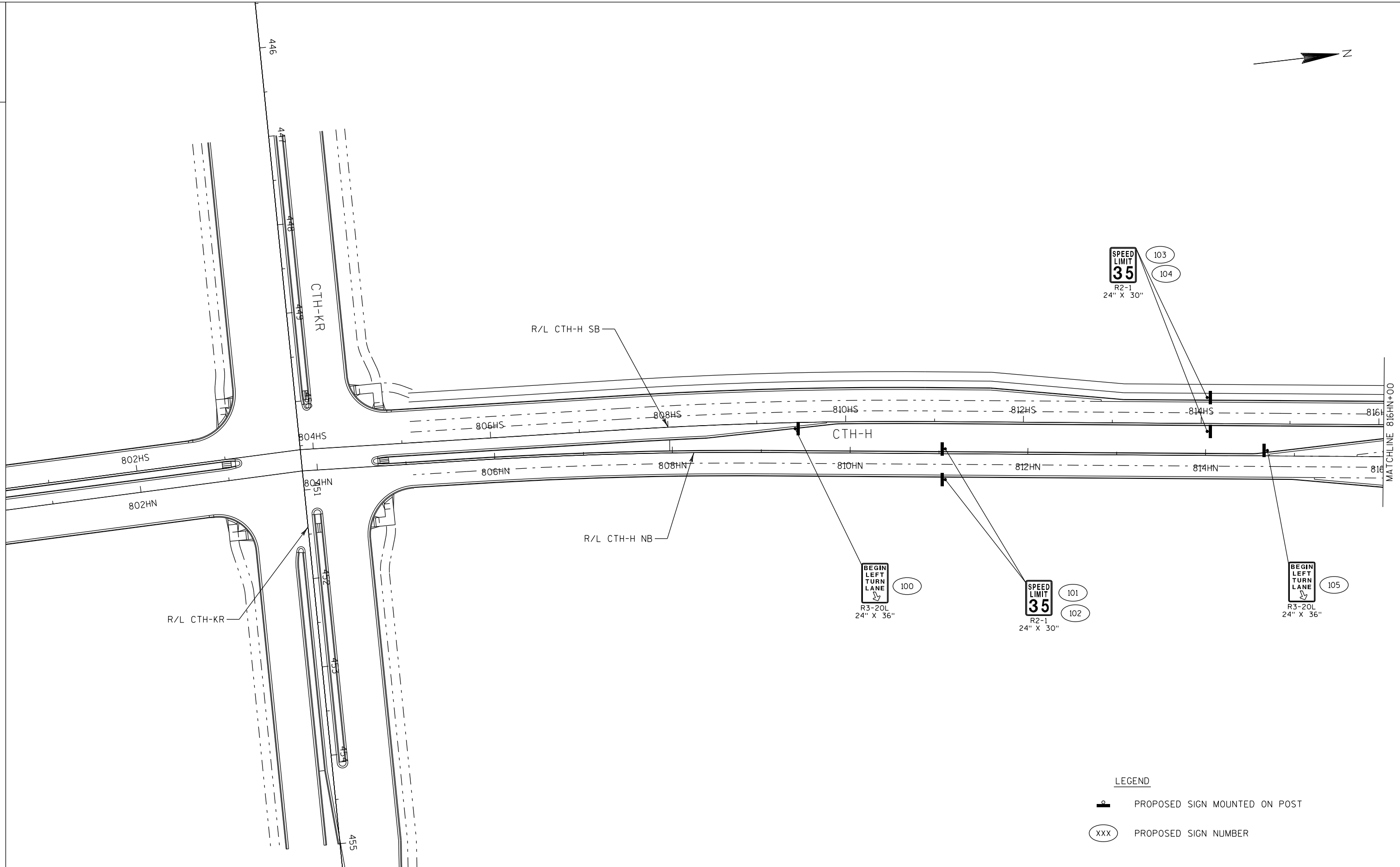
- PROPOSED SIGN MOUNTED ON POST(S)
- (PXXX) PROPOSED SIGN
- * MOUNTED ON SIGNAL EQUIPMENT

BEGIN CONSTRUCTION
STA 447+00.00



BEGIN CONSTRUCTION
STA 791HN+74.06

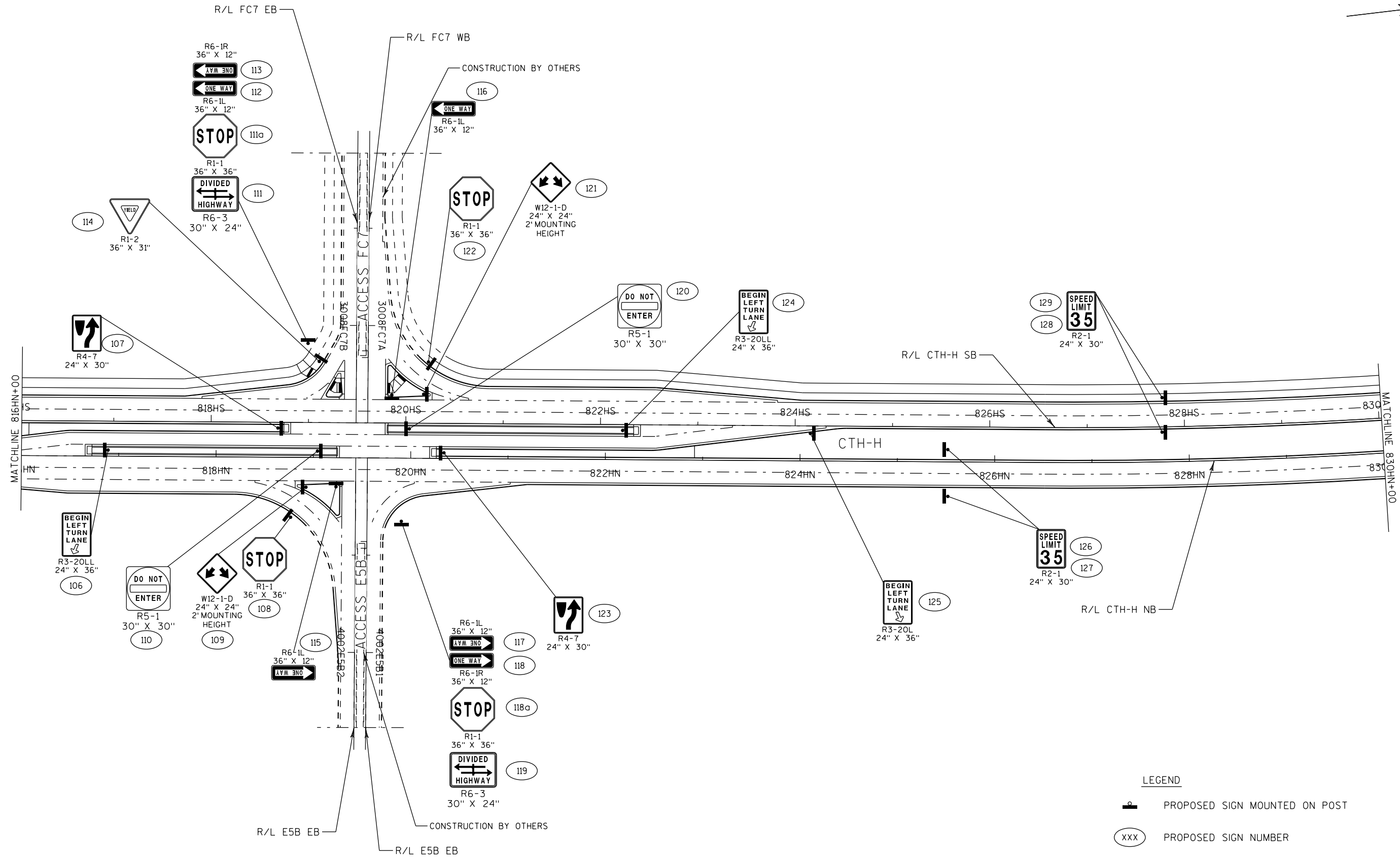


PROJECT NO: 3760-00-70	HWY: CTH H	COUNTY: RACINE	PERMANENT SIGNING	SHEET	E
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LEGEND



-  PROPOSED SIGN MOUNTED ON POST
-  PROPOSED SIGN NUMBER

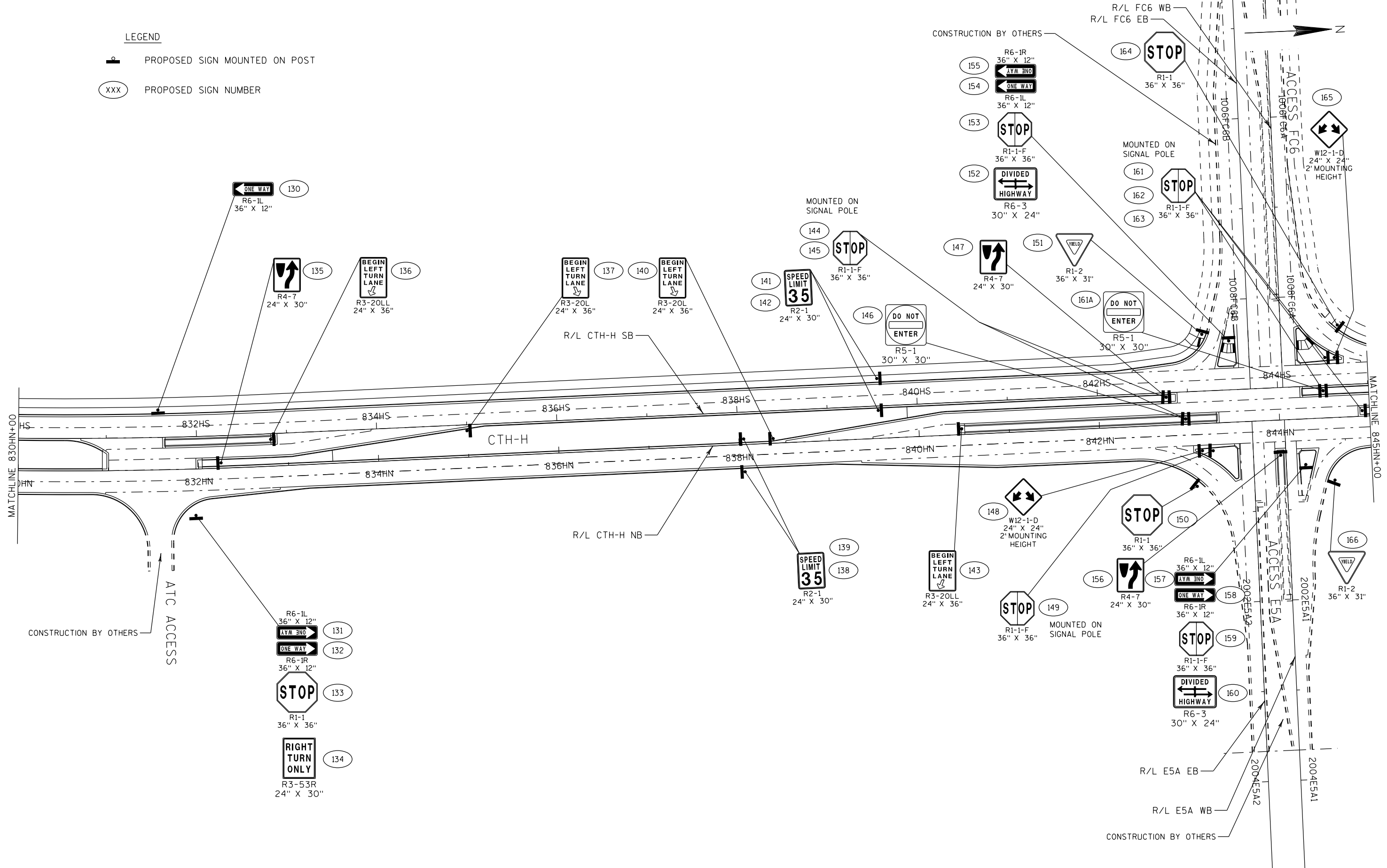


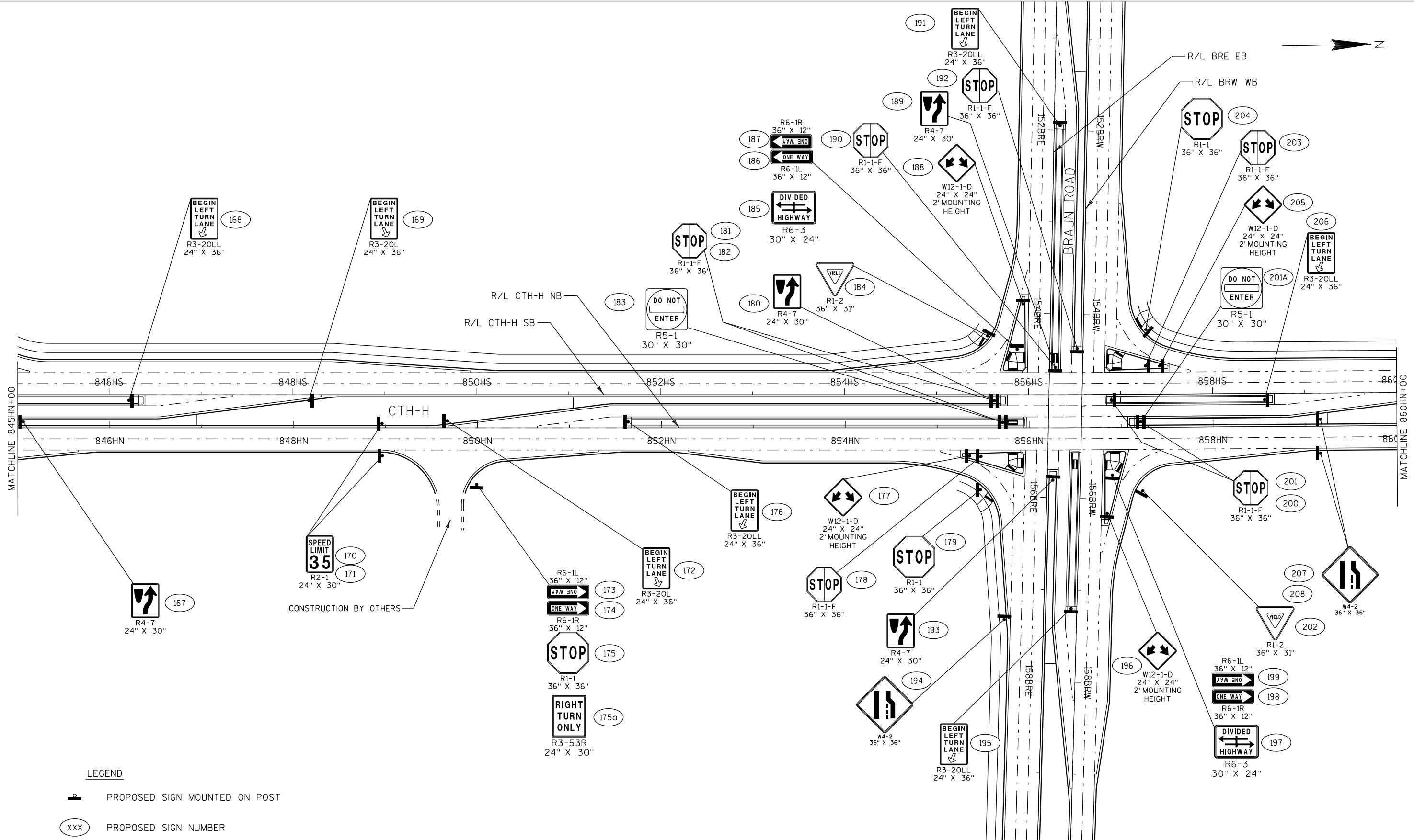
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-  PROPOSED SIGN MOUNTED ON POST
-  PROPOSED SIGN NUMBER

LEGEND

-  PROPOSED SIGN MOUNTED ON POST
-  PROPOSED SIGN NUMBER

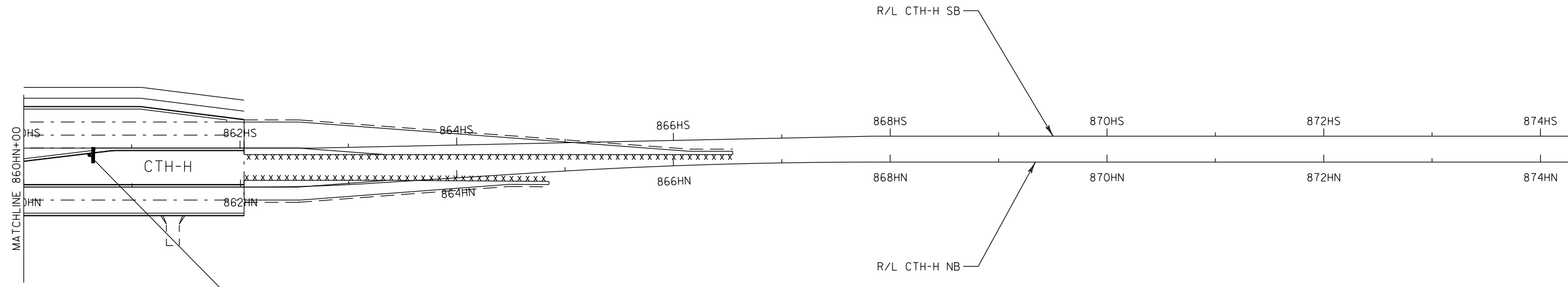




LEGEND

- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN NUMBER

MATCHLINE TO BE DETERMINED PER FOXCONN DIRECTION





**BEGIN
LEFT
TURN
LANE**

 R3-20L
 24" X 36"

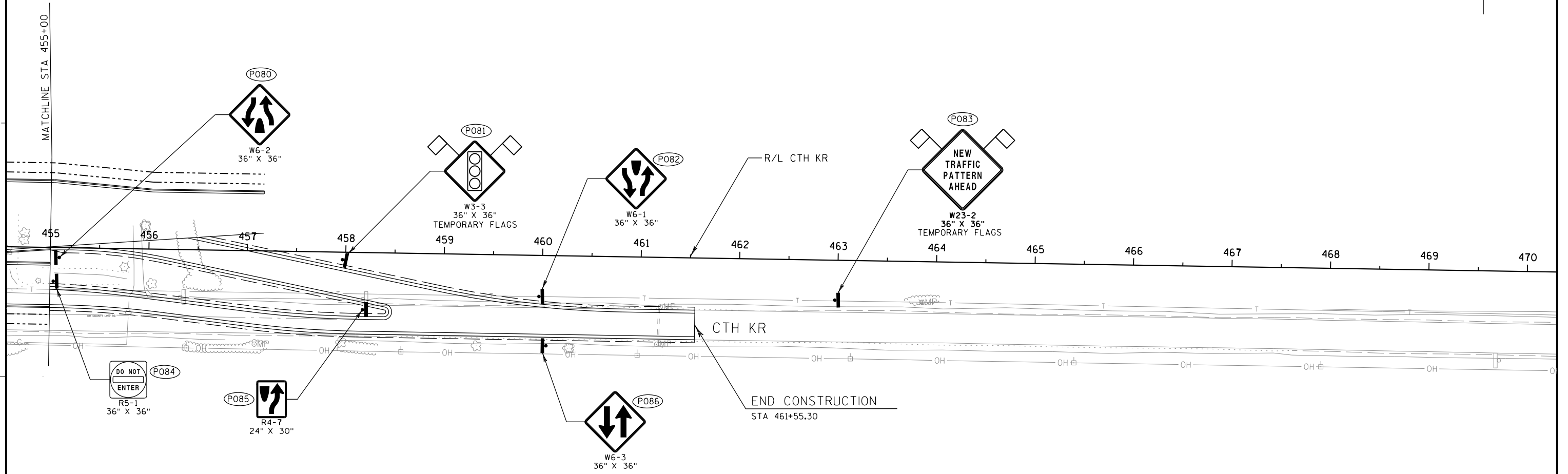
209

LEGEND

-  PROPOSED SIGN MOUNTED ON POST
-  PROPOSED SIGN NUMBER

LEGEND

- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN



GENERAL NOTES

DETAILS OF CONSTRUCTION MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

THE CONTRACTOR IS RESPONSIBLE FOR NOT BACKFEEDING CIRCUITS PRIOR TO DISCONNECTING ANY BRANCH CIRCUITS FROM OLD SOURCE.

LOCATIONS OF THE PVC CONDUITS ARE IDENTIFIED IN THE PLANS WHERE THEY ARE REQUIRED. APPROPRIATE ADJUSTMENT ON CONDUIT LOCATIONS MAY BE MADE IF THE FIELD CONDITIONS ARE SUCH THAT THE CONDUIT CANNOT BE INSTALLED AT THE SPECIFIED LOCATIONS. FIELD MARK EACH CONDUIT LOCATION IN RED.

ALL CONDUITS SHALL BE CAPPED OR PLUGGED WITH ENGINEER APPROVED FITTINGS IMMEDIATELY AFTER INSTALLATION. THE TRENCH SHALL NOT BE BACK FILLED PRIOR TO INSPECTION OF THE CONDUIT.

BENDING OF PVC ELECTRICAL CONDUIT SHALL BE ACCOMPLISHED BY USING A BLANKET OR IMMERSION TYPE TANK DESIGNED FOR THE PURPOSE OF BENDING PVC ELECTRICAL CONDUIT. ALL CUT ENDS SHALL BE TRIMMED INSIDE AND OUTSIDE TO REMOVE ALL ROUGH EDGES ON ALL CONDUITS.

PRIOR TO CONDUIT ACCEPTANCE, ALL CONDUIT ENDS SHALL BE THOROUGHLY CLEANED AND BE CAPPED WITH THE APPROPRIATE CAST PLASTIC CAP WHICH FITS SNUGGLY ON THE CONDUIT, BUT EASILY REMOVED IN THE FUTURE. DUCT TAPE OR ANY OTHER CAPPING METHOD IS NOT ACCEPTABLE.

CONDUIT RUNS SHALL BE THE SAME SIZE PIPE FROM ONE END TO THE OTHER (FROM PULL BOX-TO-PULL BOX OR JUNCTION BOX OR BASE-TO-BASE, ETC.) UNLESS OTHERWISE NOTED ON PLANS.

PULL ROPE (3/8-INCH NYLON) SHALL BE INSTALLED IN ALL NEW CONDUITS.

CONTRACTOR SHALL SUPPLY AS-BUILT DRAWING FOR ALL THE WORK BEING DONE.

INSTALLATION OF LATERAL UNDERGROUND CONDUIT UNDER PAVEMENT SHALL BE INSTALLED MINIMUM 30 INCHES BELOW PROPOSED GRADE AND A MINIMUM OF 3 INCHES BELOW ALL PAVEMENT BASE MATERIALS. CONDUIT LATERALS SHALL BE TRENCHED UNDER PAVEMENT BEFORE PAVEMENT CONSTRUCTION. CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH ROADWAY CONSTRUCTION FOR CONDUIT LATERALS INSTALLATION.

PITCH ALL CONDUITS TOWARD PULL BOXES. INSTALL A 2" DRAIN DUCT TO STORM SEWER OR DRAIN SUMP AS REQUIRED FOR DRAINAGE. THE 2" DRAIN DUCT OR SUMP IS INCIDENTAL TO THE PULL BOX BID ITEM AND IS NOT SHOWN.

THE LOCATION OF EXISTING AND PROPOSED UTILITIES AS SHOWN ON THE PLANS ARE APPROXIMATE, IN ADDITION, THERE MAY BE OTHER UTILITIES WITHIN THE PROJECT AREA WHICH ARE NOT SHOWN. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION.

HAND DIGGING MAY BE REQUIRED FOR LOCATIONS ADJACENT TO EXISTING GAS AND POWER LINES. HAND EXCAVATION SHOULD BE ANTICIPATED & WILL BE CONSIDERED INCIDENTAL TO THE CONCRETE BASES BID ITEM. COORDINATE ALL WORK NEAR GAS LINE WITH WE ENERGIES.

EXISTING CONDUIT AND CID NO LONGER BEING USED IS ABANDONED IN PLACE. THE CONTRACTOR MAY REMOVE ABANDONED WIRING AT THE CONTRACTOR'S EXPENSE. ABANDONED PULL BOX REMOVAL IS INCIDENTAL TO THE ROAD CONSTRUCTION.

IF CID CONTAINS PHASE CONDUCTOR(S) THAT WILL NOT BE USED FOR SUBSEQUENT POLES, I.E. AT THE END OF A CIRCUIT, DO NOT ENERGIZE THE RESPECTIVE CONDUCTOR(S) PAST THE LAST POLE THE PHASE WAS UTILIZED. REMOVE UNUSED CONDUCTOR(S) EXPOSED BEYOND THE CID RACEWAY IN ALL SUBSEQUENT POLES.

SEAL THE ENDS OF ALL CID RACEWAY WITH A UL RECOGNIZED FOAM CONDUIT SEALANT. PROVIDE A 1/2" NYLON ROPE EXTENDING BEYOND THE PLUG TO ASSIST IN REMOVING THE PLUG IN THE FUTURE.

SEE DETAIL "CONDUIT DETAILS AT STRUCTURE PARAPET TO ROADWAY BARRIER INTERFACE" WHEN CONDUIT EXITS TO GRADE FROM A BRIDGE PARAPET OR RETAINING WALL. RIGID METALLIC CONDUIT IN THE CONCRETE BARRIER IS INCIDENTAL TO THE RIGID NONMETALLIC CONDUIT.

PROVIDE MINIMUM CABLE SLACK AS NOTED BELOW:

PULL BOXES:	10-FT	LIGHTING CONTROL CENTERS:	10-FT
EMBEDDED JUNCTION BOXES:	3-FT	POLES:	5-FT IN AND 5-FT OUT

SIGN STRUCTURES WHICH HAVE A BASE THAT EXTENDS THE COMPLETE WIDTH OF THE MEDIAN TYPICALLY HAVE A 4" SLEEVE FOR LIGHTING.

WIRE AND CONDUIT IS LISTED IN THE MISCELLANEOUS QUANTITIES BASED UPON THE EARLIEST STAGE SHOWN. CONTRACTOR MAY INSTALL LATER WHEN LOAD NEEDS TO BE ENERGIZED.

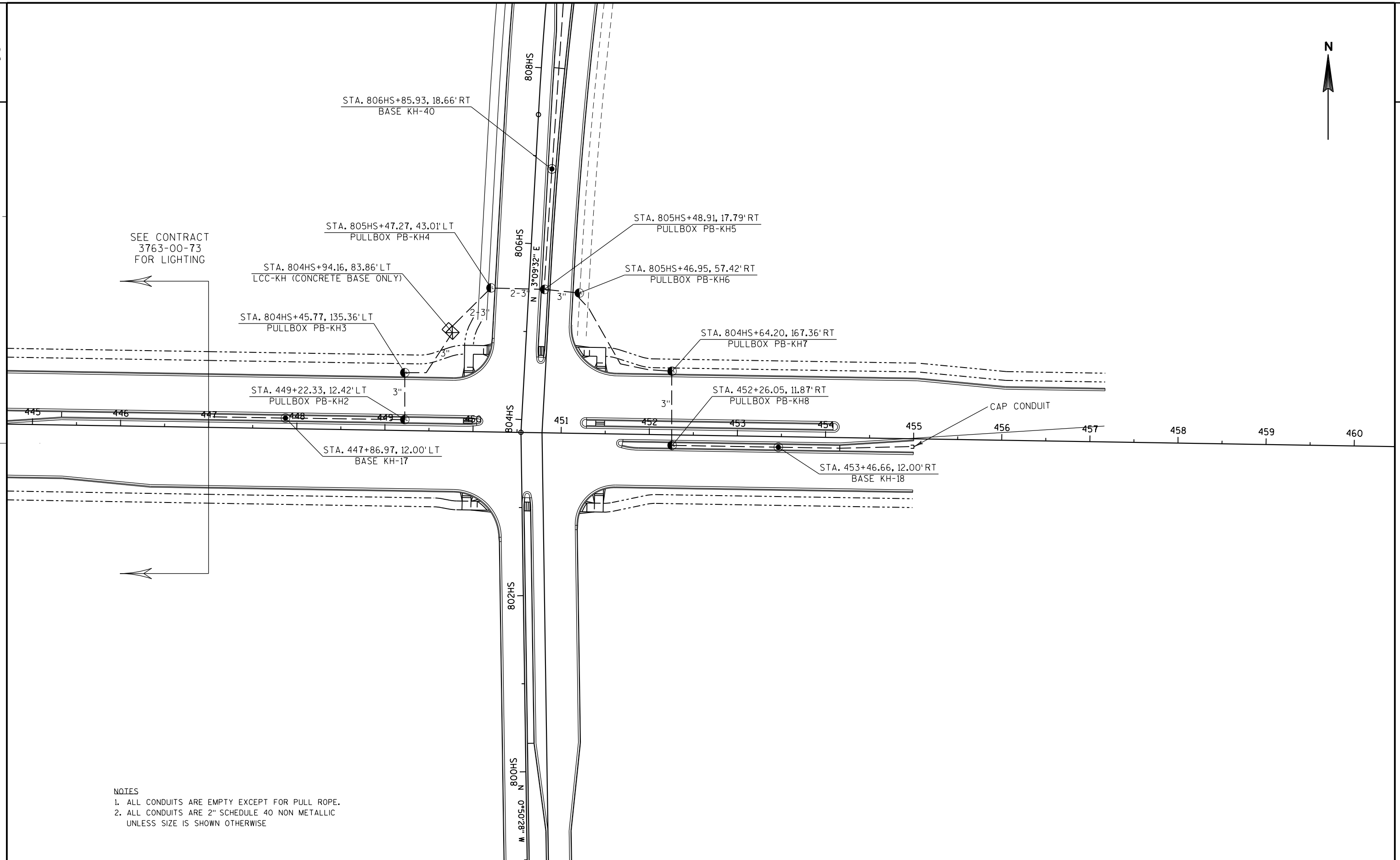
NOTES

NO POLES, ARMS, LUMINAIRES, LIGHTING CONTROL CABINETS, NOR WIRING ARE PROVIDED UNDER THIS CONTRACT.

CONCRETE BASES FOR FUTURE POLES AND LIGHTING CONTROL CABINETS WITH ASSOCIATED CONDUITS (PULL ROPE ONLY) ARE PROVIDED HEREIN.

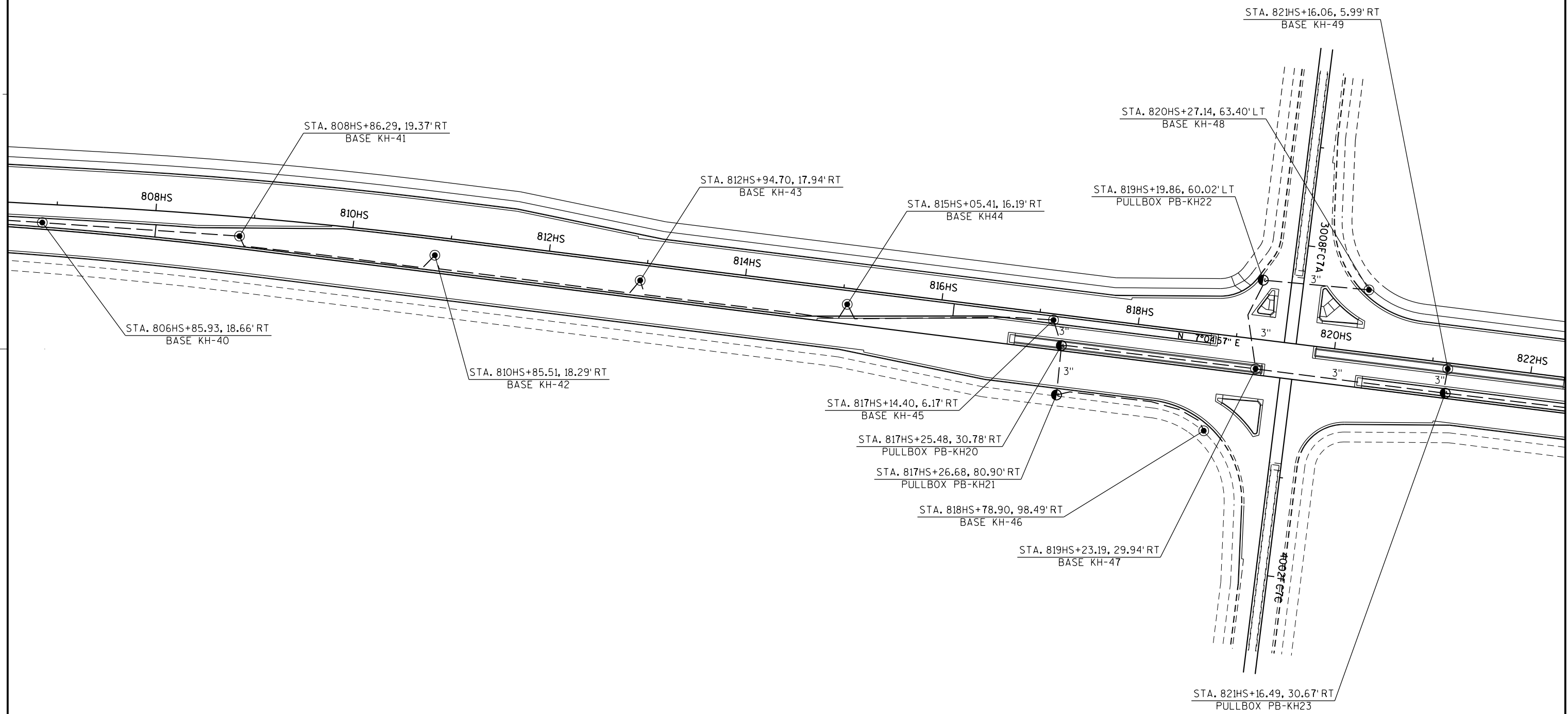
LEGEND - FINAL LIGHTING

- - - - - CID (CABLE IN DUCT)
- - - - - CABLE IN CONDUIT - 2" UNLESS NOTED OTHERWISE
- ☒ LIGHTING CONTROL CABINET
- PULL BOX 24" x 36"
- ⊙ PULL BOX 24" x 42"
- ⊞ ELECTRIC METER SOCKET
- SM DENOTES STRUCTURE MOUNTED
- C CONDUIT
- ┌ STUBOUT
- CONCRETE POLE BASE, TYPE 5, WITH TRANSFORMER BASE



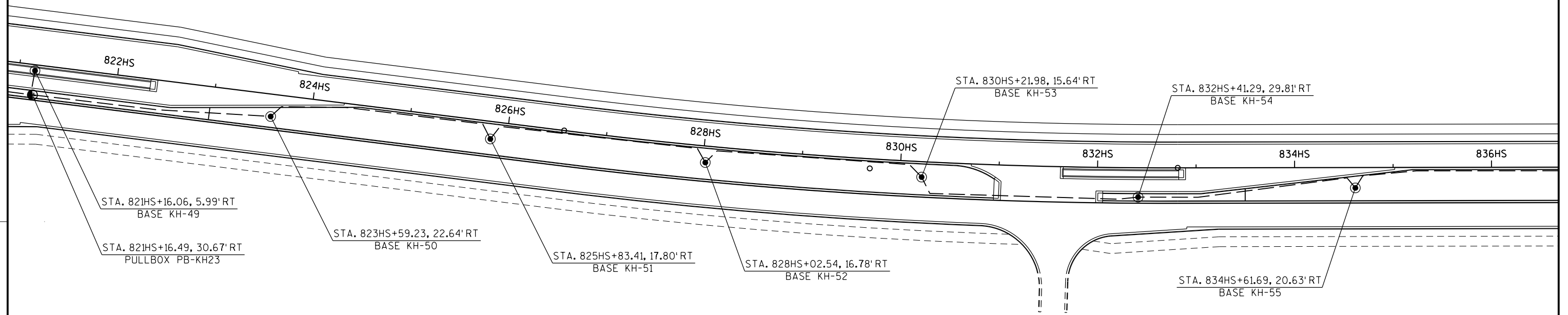
SEE CONTRACT
3763-00-73
FOR LIGHTING

- NOTES
1. ALL CONDUITS ARE EMPTY EXCEPT FOR PULL ROPE.
 2. ALL CONDUITS ARE 2" SCHEDULE 40 NON METALLIC UNLESS SIZE IS SHOWN OTHERWISE



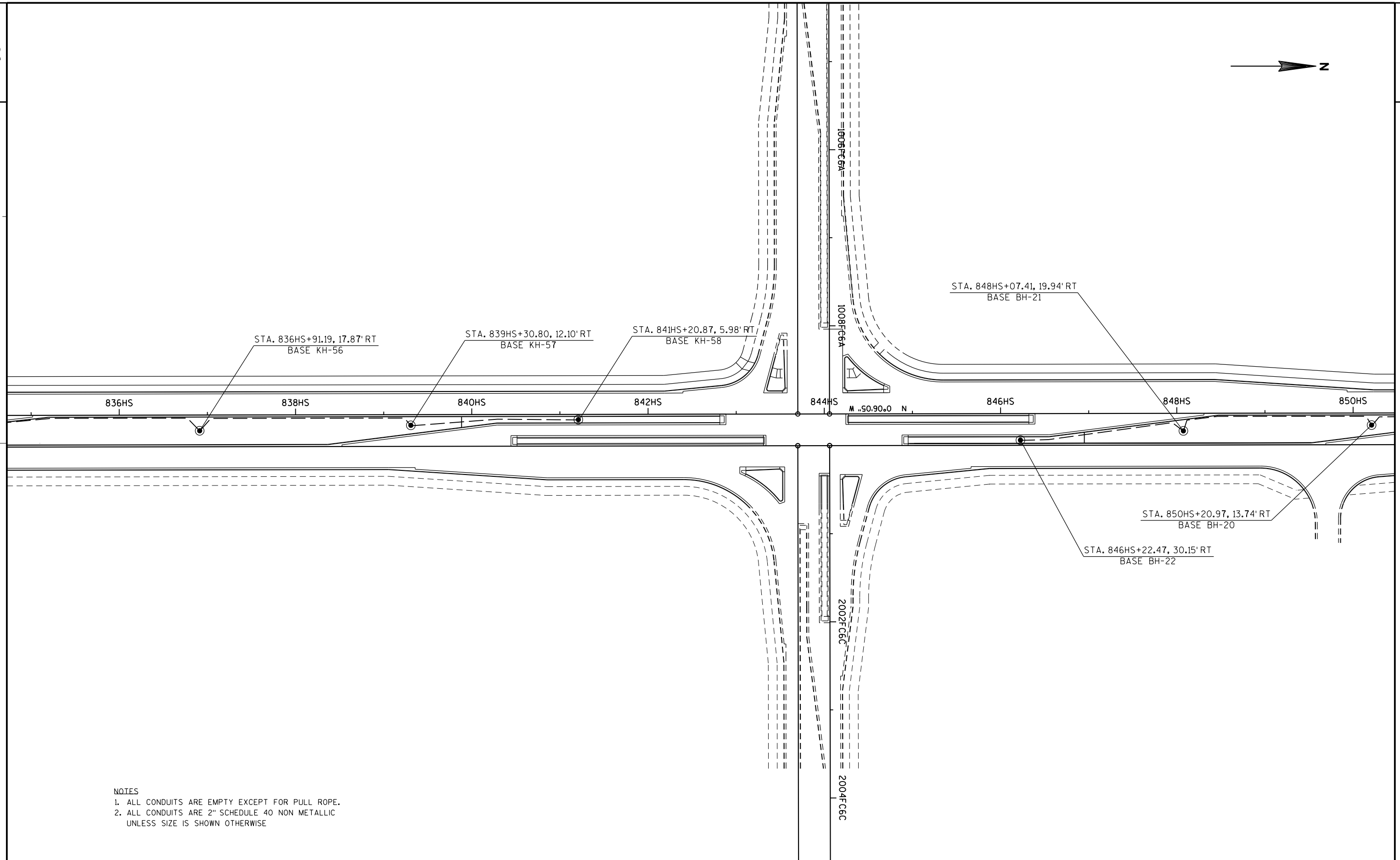
NOTES

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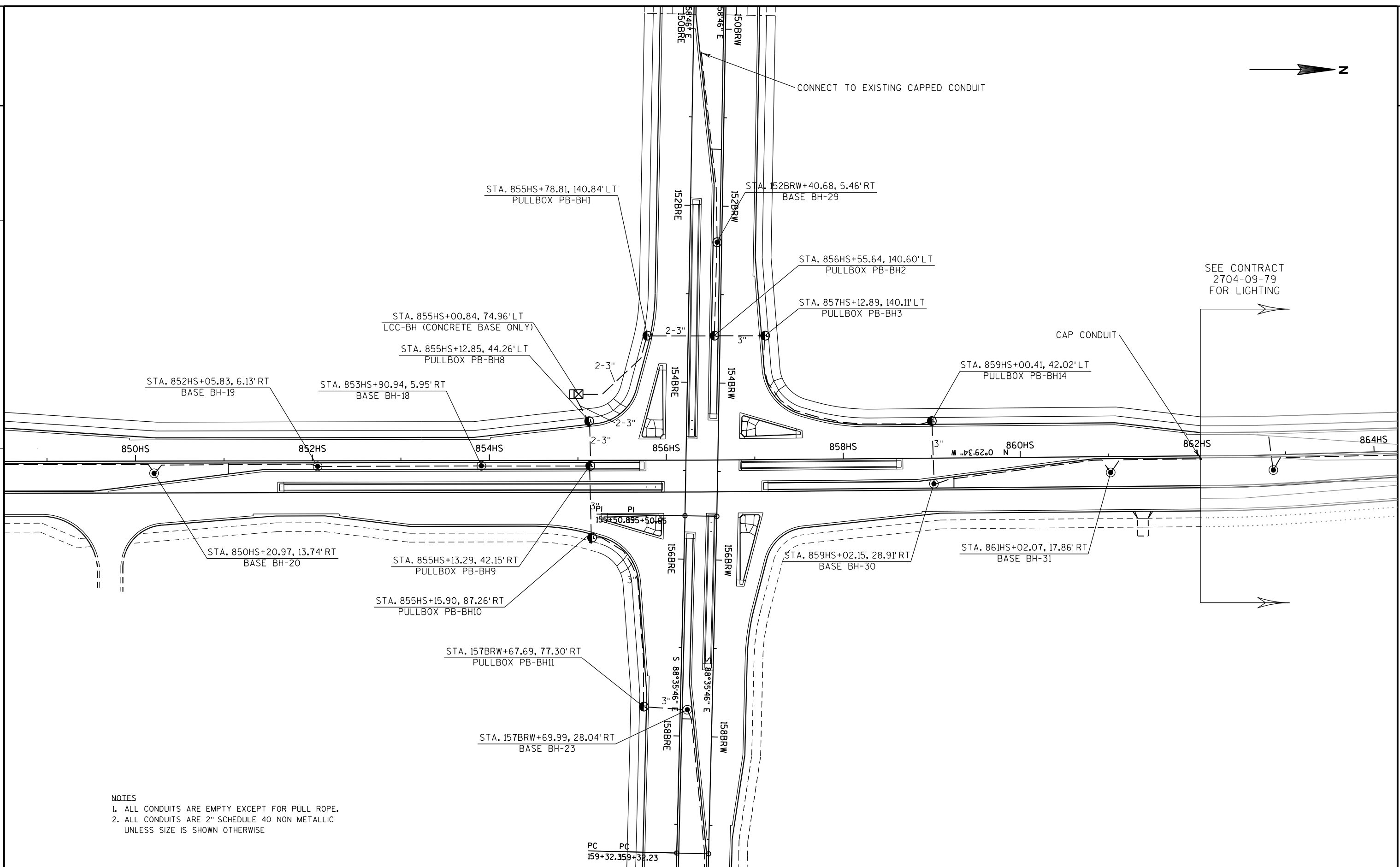
NOTES

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NOTES

- 1. ALL CONDUITS ARE EMPTY EXCEPT FOR PULL ROPE.
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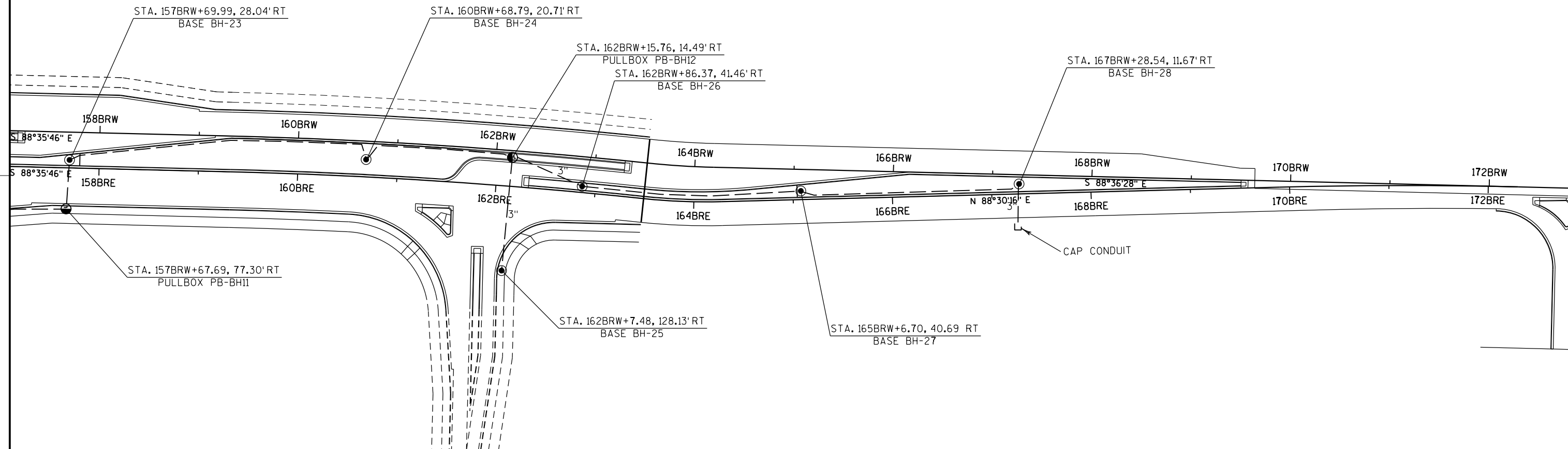
CONNECT TO EXISTING CAPPED CONDUIT

SEE CONTRACT
2704-09-79
FOR LIGHTING

CAP CONDUIT

NOTES

- 1. ALL CONDUITS ARE EMPTY EXCEPT FOR PULL ROPE.
- 2. ALL CONDUITS ARE 2" SCHEDULE 40 NON METALLIC UNLESS SIZE IS SHOWN OTHERWISE



NOTES

- 1. ALL CONDUITS ARE EMPTY EXCEPT FOR PULL ROPE.
- 2. ALL CONDUITS ARE 2" SCHEDULE 40 NON METALLIC UNLESS SIZE IS SHOWN OTHERWISE



LEGEND



TRAFFIC SIGNAL

XXX-XXXX



INSTALL TEMPORARY TRAFFIC SIGNAL



REMOVE TEMPORARY TRAFFIC SIGNAL UPON PROJECT COMPLETION

PROJECT NO: 3760-00-70

HWY: CTH H

COUNTY: RACINE

TEMPORARY TRAFFIC SIGNAL PROJECT OVERVIEW

SHEET

E

TEMPORARY TRAFFIC SIGNAL PLANS
CURRENTLY IN DEVELOPMENT



LEGEND

 TRAFFIC SIGNAL

XXX-XXXX

 INSTALL TRAFFIC SIGNAL

PROJECT NO: 3760-00-70

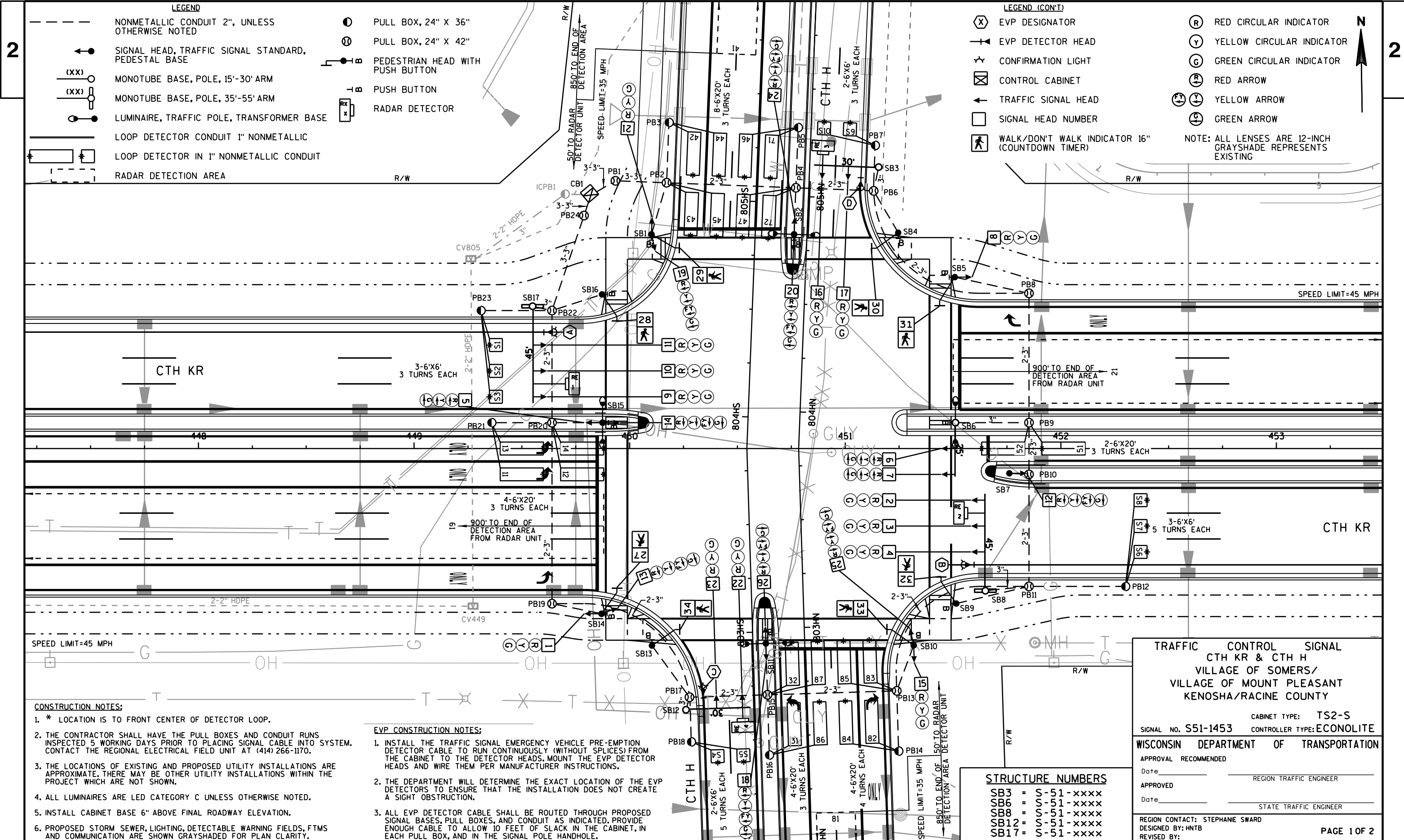
HWY: CTH H

COUNTY: RACINE

TRAFFIC SIGNAL PROJECT OVERVIEW

SHEET

E



- LEGEND**
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
 - ← SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
 - (XX) MONOTUBE BASE, POLE, 15'-30' ARM
 - (XX) MONOTUBE BASE, POLE, 35'-55' ARM
 - LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
 - LOOP DETECTOR CONDUIT 1" NONMETALLIC
 - LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
 - RADAR DETECTION AREA
 - PULL BOX, 24" X 36"
 - PULL BOX, 24" X 42"
 - ⊖ PEDESTRIAN HEAD WITH PUSH BUTTON
 - ⊖ PUSH BUTTON
 - ⊖ RADAR DETECTOR

- LEGEND (CON'T)**
- ⊗ EVP DESIGNATOR
 - ⊖ EVP DETECTOR HEAD
 - ⊖ CONFIRMATION LIGHT
 - ⊖ CONTROL CABINET
 - ⊖ TRAFFIC SIGNAL HEAD
 - SIGNAL HEAD NUMBER
 - ⊖ WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
 - ⊖ RED CIRCULAR INDICATOR
 - ⊖ YELLOW CIRCULAR INDICATOR
 - ⊖ GREEN CIRCULAR INDICATOR
 - ⊖ RED ARROW
 - ⊖ YELLOW ARROW
 - ⊖ GREEN ARROW
- NOTE: ALL LENSES ARE 12-INCH GRAYSHADE REPRESENTS EXISTING

- CONSTRUCTION NOTES:**
- * LOCATION IS TO FRONT CENTER OF DETECTOR LOOP.
 - THE CONTRACTOR SHALL HAVE THE PULL BOXES AND CONDUIT RUNS INSPECTED 5 WORKING DAYS PRIOR TO PLACING SIGNAL CABLE INTO SYSTEM. CONTACT THE REGIONAL ELECTRICAL FIELD UNIT AT (414) 266-1170.
 - THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
 - ALL LUMINAIRES ARE LED CATEGORY C UNLESS OTHERWISE NOTED.
 - INSTALL CABINET BASE 6" ABOVE FINAL ROADWAY ELEVATION.
 - PROPOSED STORM SEWER, LIGHTING, DETECTABLE WARNING FIELDS, FTMS AND COMMUNICATION ARE SHOWN GRAYSHADED FOR PLAN CLARITY.

- EVP CONSTRUCTION NOTES:**
- INSTALL THE TRAFFIC SIGNAL EMERGENCY VEHICLE PRE-EMPTION DETECTOR CABLE TO RUN CONTINUOUSLY (WITHOUT SPLICES) FROM THE CABINET TO THE DETECTOR HEADS. MOUNT THE EVP DETECTOR HEADS AND WIRE THEM PER MANUFACTURER INSTRUCTIONS.
 - THE DEPARTMENT WILL DETERMINE THE EXACT LOCATION OF THE EVP DETECTORS TO ENSURE THAT THE INSTALLATION DOES NOT CREATE A SIGHT OBSTRUCTION.
 - ALL EVP DETECTOR CABLE SHALL BE ROUTED THROUGH PROPOSED SIGNAL BASES, PULL BOXES, AND CONDUIT AS INDICATED. PROVIDE ENOUGH CABLE TO ALLOW 10 FEET OF SLACK IN THE CABINET, IN EACH PULL BOX, AND IN THE SIGNAL POLE HANDHOLE.

STRUCTURE NUMBERS

SB3	=	S-51-XXXX
SB6	=	S-51-XXXX
SB8	=	S-51-XXXX
SB12	=	S-51-XXXX
SB17	=	S-51-XXXX

TRAFFIC CONTROL SIGNAL
 CTH KR & CTH H
 VILLAGE OF SOMERS/
 VILLAGE OF MOUNT PLEASANT
 KENOSHA/RACINE COUNTY

CABINET TYPE: TS2-S
 CONTROLLER TYPE: ECONOLITE

SIGNAL NO. S51-1453

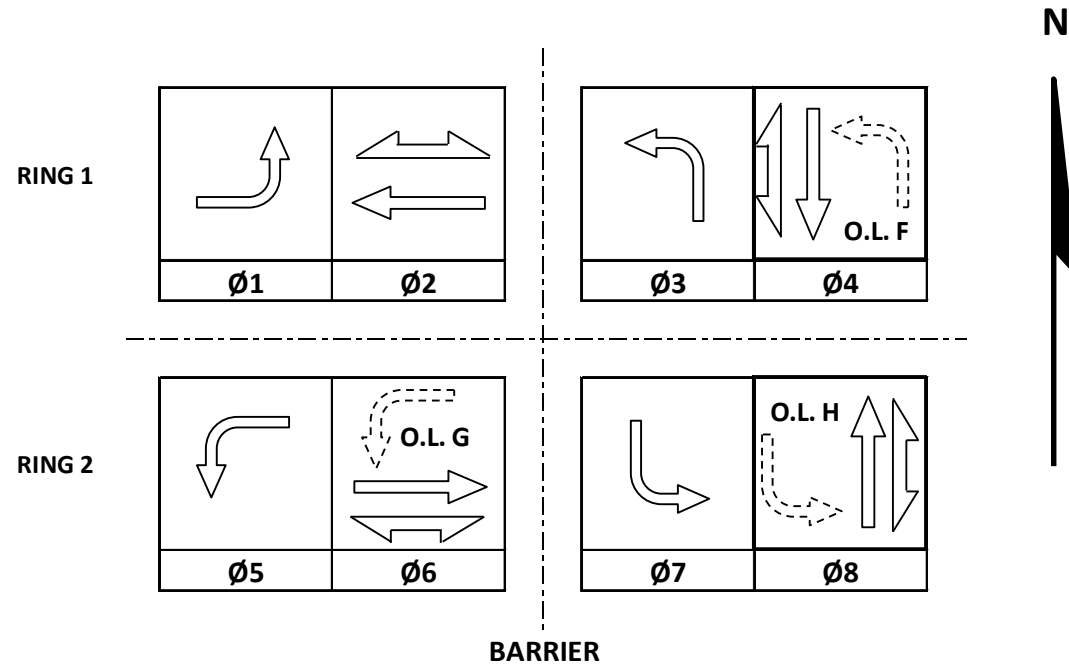
WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED
 Date _____ REGION TRAFFIC ENGINEER
 APPROVED
 Date _____ STATE TRAFFIC ENGINEER

REGION CONTACT: STEPHANIE SWARD
 DESIGNED BY: HNTB
 REVISED BY: _____

PAGE 1 OF 2

	HEAD NUMBERS	FLASH
Ø1	5,6,7	R
Ø2	8,9,10,11	R
Ø3	18,19,20	R
Ø4	21,22,23	R
Ø5	12,13,14	R
Ø6	1,2,3,4	R
Ø7	24,25,26	R
Ø8	15,16,17	R
Ø2P	29,30	
Ø4P	27,28	
Ø6P	33,34	
Ø8P	31,32	
OLE		
OLF	18,19,20	-
OLG	12,13,14	-
OLH	24,25,26	-



CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1		6		X
2	X	6	MIN	X
3		8		X
4		8		X
5		2		X
6	X	2	MIN	X
7		4		X
8		4		X

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	
RADIO	
CELL MODEM	X

TYPE OF COORDINATION	
NONE	X
TBC	
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER	
CONTROLLER NO:	S-
SIGNAL SYSTEM NO:	SS-

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	A	B	C	D
MOVEMENT				
PHASE	2+5	6+1	4+7	8+3

AFTER PREEMPTION SEQUENCE 2+5 OR 6+1, CONTROLLER SHALL RETURN TO PHASES 2+6.
 AFTER PREEMPTION SEQUENCE 4+7 OR 8+3, CONTROLLER SHALL RETURN TO PHASES 4+8.

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	
TOMAR	X
HARDWIRE	
OTHER	
LIFT BRIDGE	
QUEUE DETECTION	

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13
PLAN LOOP DETECTOR*(S)	11	13	31	42	44	46	51	71
CALLED PHASE	1	1	3	4	4	4	5	7
CALL OPTION	X	X	X	X	X	X	X	X
DELAY TIME				X				
EXTENSION OPTION	X	X	X	X	X	X	X	X
EXTEND TIME								
USE ADDED INITIAL								
CROSS SWITCH PHASE			4				6	8

DETECTOR INPUT	19	17	23	21	27	25	31	29
PLAN LOOP DETECTOR*(S)	82	84	86	S1	S3	S5	S7	S9
CALL OPTION	8	8	8					
CALL OPTION	X	X	X					
DELAY TIME	X							
EXTENSION OPTION	X	X	X					
EXTEND TIME								
USE ADDED INITIAL								
CROSS SWITCH PHASE								

DETECTOR INPUT	35	33	39	37	43	41	47	45
PLAN LOOP DETECTOR*(S)	21	61						
CALL OPTION	2	6						
CALL OPTION	X	X						
DELAY TIME								
EXTENSION OPTION	X	X						
EXTEND TIME								
USE ADDED INITIAL								
CROSS SWITCH PHASE								

DETECTOR INPUT	4	2	8	6	12	10	16	14
PLAN LOOP DETECTOR*(S)	12	14	32	43	45	47	52	72
CALL OPTION	1	1	3	4	4	4	5	7
CALL OPTION	X	X	X	X	X	X	X	X
DELAY TIME				X				
EXTENSION OPTION	X	X	X	X	X	X	X	X
EXTEND TIME								
USE ADDED INITIAL								
CROSS SWITCH PHASE			4				6	8

DETECTOR INPUT	20	18	24	22	28	26	32	30
PLAN LOOP DETECTOR*(S)	83	85	87	S2	S4	S6	S8	S10
CALL OPTION	8	8	8					
CALL OPTION	X	X	X					
DELAY TIME	X							
EXTENSION OPTION	X	X	X					
EXTEND TIME								
USE ADDED INITIAL								
CROSS SWITCH PHASE								

DETECTOR INPUT	36	34	40	38	44	42	48	46
PLAN LOOP DETECTOR*(S)	41	81						
CALL OPTION	4	8						
CALL OPTION	X	X						
DELAY TIME								
EXTENSION OPTION	X	X						
EXTEND TIME								
USE ADDED INITIAL								
CROSS SWITCH PHASE								

CTH KR & CTH H	
VILLAGE OF SOMERS/VILLAGE OF MOUNT PLEASANT	
KENOSHA/RACINE COUNTY	
SIGNAL NO: S51-1453	CABINET TYPE: TS2-S
CONTROLLER TYPE: ECONOLITE	
DATE: 08/18	PAGE NO. 2 OF 2

PROJECT ID:	3760-00-70
INTERSECTION:	CTH H & CTH KR

SIGNAL WIRE COLOR CODING	BLK-BLACK	RED-RED	GRN-GREEN
	WHT-WHITE	BLU-BLUE	ORG-ORANGE

CB1 TO	NO. OF CONDUCTORS	HEAD NO.	RED	YELLOW	GREEN	<RED>	<YELLOW>	<GREEN>	FLASHING <YELLOW>	D/WALK	WALK	PED BUTTON	OTHER
SB1	12	19				RED	ORG	GRN	BLK/WHT				
		21	RED/BLK	ORG/BLK	GRN/BLK								
		29									BLK	BLU	
SB2	12	B										WHT/BLK	
		20				RED	ORG	GRN	BLK				
		24				RED/BLK	ORG/BLK	GRN/BLK	BLK/WHT				
SB3	7	B										WHT/BLK	
		16	RED	ORG	GRN								
		17	RED	ORG	GRN								
SB4	7	30								BLK	BLU		
		B										WHT/BLK	
		SB5	12	8	RED	ORG	GRN						
SB6	7	31								BLK	BLU		
		B										WHT/BLK	
		6				RED	ORG	GRN					
SB7	7	7											
		B										WHT/BLK	
		12				RED	ORG	GRN	BLK				
SB8	7	2	RED	ORG	GRN								
		3	RED	ORG	GRN								
		4	RED	ORG	GRN								
SB9	7	32								BLK	BLU		
		B										WHT/BLK	
		SB10	12	15	RED	ORG	GRN						
SB11	12	25				RED/BLK	ORG/BLK	GRN/BLK	BLK/WHT				
		33								BLK	BLU		
		B										WHT/BLK	
SB12	12	18				RED	ORG	GRN	BLK				
		26				RED/BLK	ORG/BLK	GRN/BLK	BLK/WHT				
		B										WHT/BLK	
SB13	7	22	RED	ORG	GRN								
		23	RED	ORG	GRN								
		34									BLK	BLU	
SB14	12	B										WHT/BLK	
		1	RED	ORG	GRN								
		13				RED/BLK	ORG/BLK	GRN/BLK	BLK/WHT				
SB15	12	27								BLK	BLU		
		B										WHT/BLK	
		5				RED	ORG	GRN					
SB16	7	14				RED/BLK	ORG/BLK	GRN/BLK	BLK/WHT				
		B										WHT/BLK	
		28								BLK	BLU		
SB17	7	B										WHT/BLK	
		9	RED	ORG	GRN								
		10	RED	ORG	GRN								
			11	RED	ORG	GRN							

NOTES: USE WHITE CONDUCTOR IN THE SIGNAL CABLE AS THE GROUNDED CONDUCTOR FOR ALL TRAFFIC SIGNAL INDICATIONS.
 ENSURE THE GROUNDED CONDUCTOR IN THE FEEDER CABLE AND THE POLE CABLES ARE BOTH 18" LONGER THAN THE UNGROUNDED CONDUCTORS.
 AT THE SIGNAL BASES, CONNECT ONE TERMINAL FROM THE PEDESTRIAN PUSH BUTTONS TO THE COLOR INDICATED IN THE CHART. CONNECT THE OTHER TERMINAL TO THE GROUNDED CONDUCTOR.
 (CONTINUED ON NEXT SHEET)

(CONTINUED)

EQUIPMENT GROUNDING CONDUCTOR 10 AWG GRN XLP	
FROM	TO
CB1	SB1
SB1	SB2
SB2	SB3
SB3	SB4
SB4	SB5
SB5	SB6
SB6	SB7
SB7	SB8
SB8	SB9
SB9	SB10
SB10	SB11
SB11	SB12
SB12	SB13
SB13	SB14
SB14	SB15
SB15	SB16
SB16	SB17
SB17	CB1

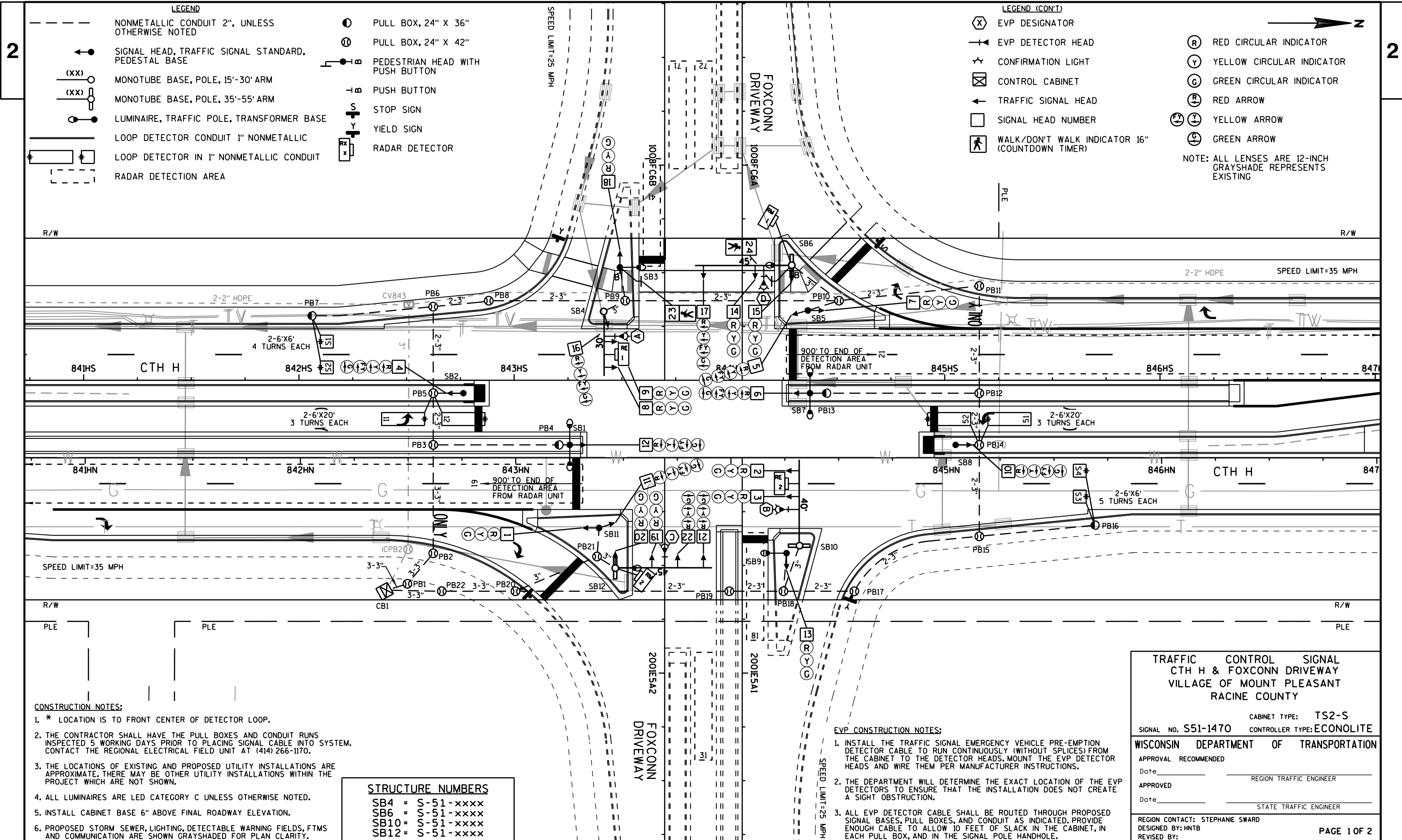
LIGHTING UF 10 AWG W/ GROUND	
FROM	TO
CB1	SB2
SB2	SB6
CB1	SB15
SB15	SB11

PULL BOX BONDING JUMPER 10 AWG GRN XLP	
FROM	TO
PB1	CB1
PB2	SB1
PB4	SB2
PB6	SB3
PB8	SB5
PB9	SB6
PB10	SB7
PB11	SB8
PB13	SB10
PB15	SB11
PB17	SB12
PB19	SB14
PB20	SB15
PB22	SB17
PB24	CB1

EMERGENCY VEHICLE PREEMPTION	
FROM	TO
CB1	SB3 (HEAD D)
CB1	SB8 (HEAD B)
CB1	SB12 (HEAD C)
CB1	SB17 (HEAD A)

CONFIRMATION BEACON CABLE TRAFFIC SIGNAL 3-14 AWG	
FROM	TO
CB1	SB3 (HEAD D)
CB1	SB8 (HEAD B)
CB1	SB12 (HEAD C)
CB1	SB17 (HEAD A)

RADAR DETECTION CABLE	
FROM	TO
CB1	SB3 (RE3)
CB1	SB8 (RE2)
CB1	SB12 (RE4)
CB1	SB17 (RE1)



LEGEND

- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- ← SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) MONOTUBE BASE, POLE, 15'-30' ARM
- (XX) MONOTUBE BASE, POLE, 35'-55' ARM
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- LOOP DETECTOR CONDUIT 1" NONMETALLIC
- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- RADAR DETECTION AREA
- PULL BOX, 24" X 36"
- PULL BOX, 24" X 42"
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- S STOP SIGN
- Y YIELD SIGN
- RX RADAR DETECTOR

LEGEND (CONT)

- ⊗ EVP DESIGNATOR
- ⊕ EVP DETECTOR HEAD
- ☆ CONFIRMATION LIGHT
- ⊠ CONTROL CABINET
- ← TRAFFIC SIGNAL HEAD
- SIGNAL HEAD NUMBER
- ⊠ WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- ⊙ RED CIRCULAR INDICATOR
- ⊙ YELLOW CIRCULAR INDICATOR
- ⊙ GREEN CIRCULAR INDICATOR
- ⊙ RED ARROW
- ⊙ YELLOW ARROW
- ⊙ GREEN ARROW

NOTE: ALL LENSES ARE 12-INCH GRAYSHADE REPRESENTS EXISTING

- CONSTRUCTION NOTES:**
- * LOCATION IS TO FRONT CENTER OF DETECTOR LOOP.
 - THE CONTRACTOR SHALL HAVE THE PULL BOXES AND CONDUIT RUNS INSPECTED 5 WORKING DAYS PRIOR TO PLACING SIGNAL CABLE INTO SYSTEM. CONTACT THE REGIONAL ELECTRICAL FIELD UNIT AT (414) 266-1170.
 - THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
 - ALL LUMINAIRES ARE LED CATEGORY C UNLESS OTHERWISE NOTED.
 - INSTALL CABINET BASE 6" ABOVE FINAL ROADWAY ELEVATION.
 - PROPOSED STORM SEWER, LIGHTING, DETECTABLE WARNING FIELDS, FTMS AND COMMUNICATION ARE SHOWN GRAYSHADED FOR PLAN CLARITY.

STRUCTURE NUMBERS

SB4	=	S-51-xxxx
SB6	=	S-51-xxxx
SB10	=	S-51-xxxx
SB12	=	S-51-xxxx

- EVP CONSTRUCTION NOTES:**
- INSTALL THE TRAFFIC SIGNAL EMERGENCY VEHICLE PRE-EMPTION DETECTOR CABLE TO RUN CONTINUOUSLY (WITHOUT SPLICES) FROM THE CABINET TO THE DETECTOR HEADS. MOUNT THE EVP DETECTOR HEADS AND WIRE THEM PER MANUFACTURER INSTRUCTIONS.
 - THE DEPARTMENT WILL DETERMINE THE EXACT LOCATION OF THE EVP DETECTORS TO ENSURE THAT THE INSTALLATION DOES NOT CREATE A SIGHT OBSTRUCTION.
 - ALL EVP DETECTOR CABLE SHALL BE ROUTED THROUGH PROPOSED SIGNAL BASES, PULL BOXES, AND CONDUIT AS INDICATED. PROVIDE ENOUGH CABLE TO ALLOW 10 FEET OF SLACK IN THE CABINET, IN EACH PULL BOX, AND IN THE SIGNAL POLE HANDHOLE.

**TRAFFIC CONTROL SIGNAL
CTH H & FOXCONN DRIVEWAY
VILLAGE OF MOUNT PLEASANT
RACINE COUNTY**

CABINET TYPE: TS2-S
CONTROLLER TYPE: ECONOLITE

SIGNAL NO. S51-1470

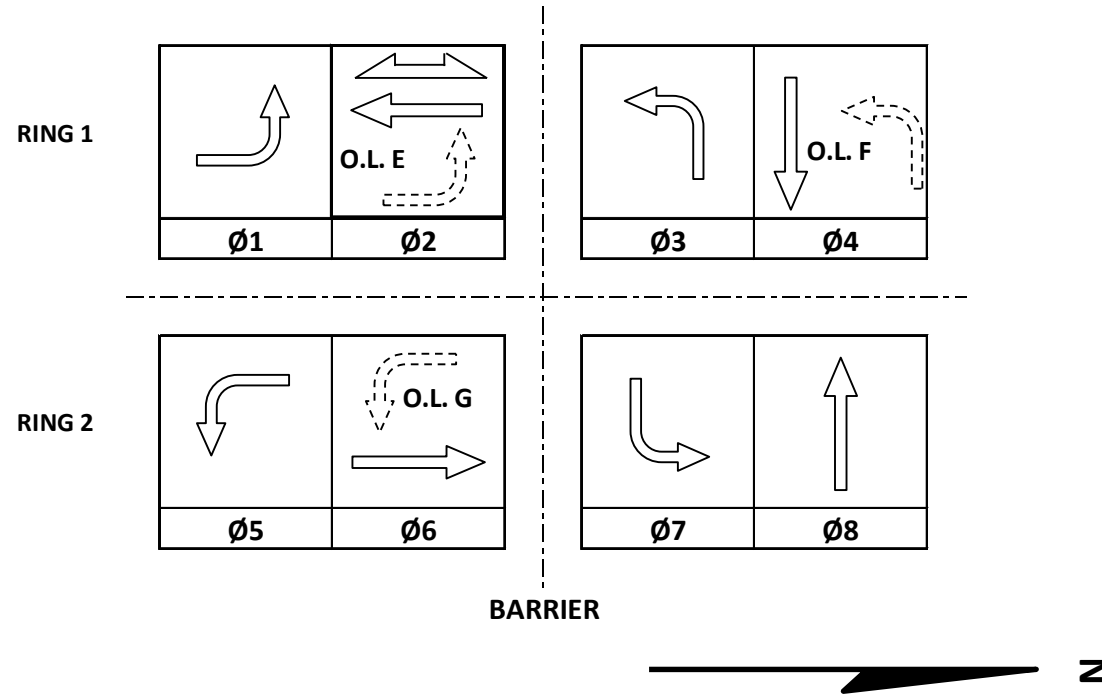
WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED
Date _____ REGION TRAFFIC ENGINEER
APPROVED
Date _____ STATE TRAFFIC ENGINEER

REGION CONTACT: STEPHANIE SWARD
DESIGNED BY: HNTB
REVISED BY: _____

PAGE 1 OF 2

	HEAD NUMBERS	FLASH
Ø1	4,5,6	R
Ø2	7,8,9	R
Ø3	16,17	R
Ø4	18,19,20	R
Ø5	10,11,12	R
Ø6	1,2,3	R
Ø7	21,22	R
Ø8	13,14,15	R
Ø2P	23,24	
Ø4P		
Ø6P		
Ø8P		
OLE	4,5,6	-
OLF	16,17	-
OLG	10,11,12	-
OLH		



CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1		6		X
2	X	6	MIN	X
3		8		X
4		8		X
5		2		X
6	X	2	MIN	X
7		4		X
8		4		X

EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	A	B	C	D
MOVEMENT				
PHASE	2+5	6+1	4+7	8+3

AFTER PREEMPTION SEQUENCE 2+5 OR 6+1, CONTROLLER SHALL RETURN TO PHASES 2+6.
 AFTER PREEMPTION SEQUENCE 4+7 OR 8+3, CONTROLLER SHALL RETURN TO PHASES 4+8.

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13
PLAN LOOP DETECTOR*(S)	11	51	S1	S3				
CALLLED PHASE	1	5						
CALL OPTION	X	X						
DELAY TIME								
EXTENTION OPTION	X	X						
EXTEND TIME								
USE ADDED INITIAL								
CROSS SWITCH PHASE	2	6						

DETECTOR INPUT	19	17	23	21	27	25	31	29
PLAN LOOP DETECTOR*(S)	21	41	71	81				
CALLLED PHASE	2	4	7	8				
CALL OPTION	X	X	X	X				
DELAY TIME								
EXTENTION OPTION	X	X	X	X				
EXTEND TIME								
USE ADDED INITIAL								
CROSS SWITCH PHASE								

DETECTOR INPUT	4	2	8	6	12	10	16	14
PLAN LOOP DETECTOR*(S)	12	52	S2	S4				
CALLLED PHASE	1	5						
CALL OPTION	X	X						
DELAY TIME								
EXTENTION OPTION	X	X						
EXTEND TIME								
USE ADDED INITIAL								
CROSS SWITCH PHASE	2	6						

DETECTOR INPUT	20	18	24	22	28	26	32	30
PLAN LOOP DETECTOR*(S)	31	61	72					
CALLLED PHASE	3	6	7					
CALL OPTION	X	X	X					
DELAY TIME								
EXTENTION OPTION	X	X	X					
EXTEND TIME								
USE ADDED INITIAL								
CROSS SWITCH PHASE	4							

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	
RADIO	
CELL MODEM	X

TYPE OF COORDINATION	
NONE	X
TBC	
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO:	S-
SIGNAL SYSTEM NO:	SS-

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	
TOMAR	X
HARDWIRE	
OTHER	
LIFT BRIDGE	
QUEUE DETECTION	

CTH H & FOXCONN DRIVEWAY	
VILLAGE OF MOUNT PLEASANT	
RACINE COUNTY	
SIGNAL NO: 551-1470	CABINET TYPE: TS2-S
CONTROLLER TYPE: ECONOLITE	
DATE: 08/18	PAGE NO. 2 OF 2

PROJECT ID:	3760-00-70
INTERSECTION:	CTH H & FOXCONN DRIVEWAY

SIGNAL WIRE COLOR CODING	BLK-BLACK	RED-RED	GRN-GREEN
	WHT-WHITE	BLU-BLUE	ORG-ORANGE

CB1 TO	NO. OF CONDUCTORS	HEAD NO.	RED	YELLOW	GREEN	<RED>	<YELLOW>	<GREEN>	FLASHING <YELLOW>	D/WALK	WALK	PED BUTTON	OTHER
SB1	7	12				RED	ORG	GRN	BLK				
SB2	7	4				RED	ORG	GRN	BLK				
SB3	7	16	RED	ORG	GRN								
		23								BLK	BLU		
		B										WHT/BLK	
SB4	12	8	RED	ORG	GRN								
		9	RED	ORG	GRN								
		16				RED/BLK	ORG/BLK	GRN/BLK	BLK/WHT				
SB5	12	5				RED	ORG	GRN	BLK/WHT				
		7	RED/BLK	ORG/BLK	GRN/BLK								
SB6	12	14	RED	ORG	GRN								
		15	RED	ORG	GRN								
		17				RED/BLK	ORG/BLK	GRN/BLK	BLK/WHT				
		24								BLK	BLU		
		B										WHT/BLK	
SB7	7	6				RED	ORG	GRN	BLK				
SB8	7	10				RED	ORG	GRN	BLK				
SB9	7	13	RED	ORG	GRN								
SB10	7	2	RED	ORG	GRN								
		3	RED	ORG	GRN								
SB11	12	1	RED	ORG	GRN								
		11				RED	ORG	GRN	BLK/WHT				
SB12	12	19	RED	ORG	GRN								
		20	RED	ORG	GRN								
		21				RED/BLK	ORG/BLK	GRN/BLK					
		22				RED/BLK	ORG/BLK	GRN/BLK					

NOTES: USE WHITE CONDUCTOR IN THE SIGNAL CABLE AS THE GROUNDED CONDUCTOR FOR ALL TRAFFIC SIGNAL INDICATIONS.
 ENSURE THE GROUNDED CONDUCTOR IN THE FEEDER CABLE AND THE POLE CABLES ARE BOTH 18" LONGER THAN THE UNGROUNDED CONDUCTORS.
 AT THE SIGNAL BASES, CONNECT ONE TERMINAL FROM THE PEDESTRIAN PUSH BUTTONS TO THE COLOR INDICATED IN THE CHART. CONNECT THE OTHER TERMINAL TO THE GROUNDED CONDUCTOR.

(CONTINUED ON NEXT SHEET)

EQUIPMENT GROUNDING CONDUCTOR 10 AWG GRN XLP	
FROM	TO
CB1	SB1
SB1	SB2
SB2	SB3
SB3	SB4
SB4	SB5
SB5	SB6
SB6	SB7
SB7	SB8
SB8	SB9
SB9	SB10
SB10	SB11
SB11	SB12
SB12	CB1

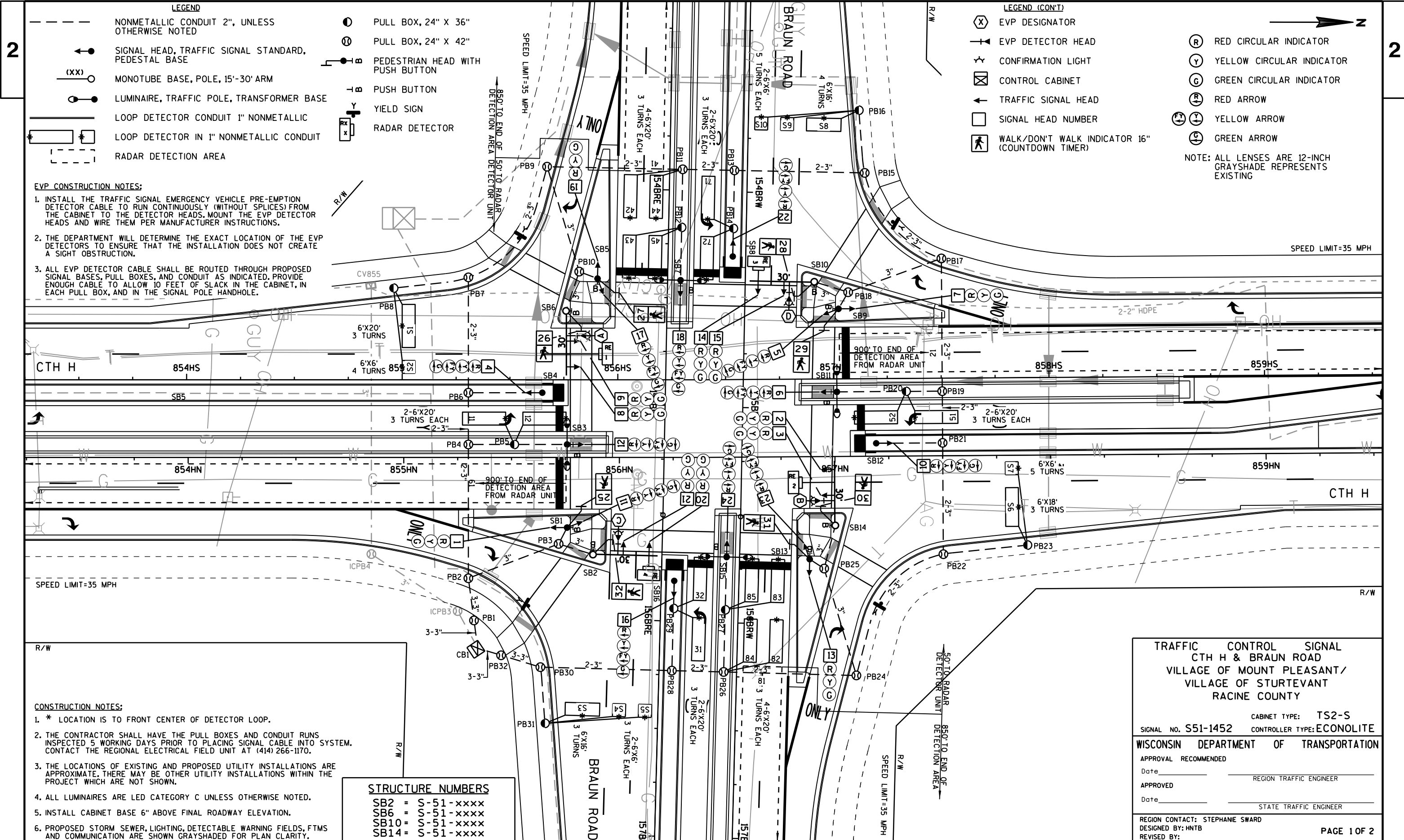
LIGHTING UF 10 AWG W/ GROUND	
FROM	TO
CB1	SB1
SB1	SB3
SB3	SB6
CB1	SB12
SB12	SB9
SB9	SB7

PULL BOX BONDING JUMPER 10 AWG GRN XLP	
FROM	TO
PB1	CB1
PB2	CB1
PB3	SB1
PB4	SB1
PB5	SB2
PB6	SB2
PB8	SB4
PB9	SB4
PB10	SB6
PB11	SB6
PB12	SB7
PB13	SB7
PB14	SB8
PB15	SB8
PB17	SB10
PB18	SB10
PB19	SB10
PB20	CB1
PB21	SB12
PB22	CB1

EMERGENCY VEHICLE PREEMPTION	
FROM	TO
CB1	SB4 (HEAD A)
CB1	SB6 (HEAD D)
CB1	SB10 (HEAD B)
CB1	SB12 (HEAD C)

CONFIRMATION BEACON CABLE TRAFFIC SIGNAL 3-14 AWG	
FROM	TO
CB1	SB4 (HEAD A)
CB1	SB6 (HEAD D)
CB1	SB10 (HEAD B)
CB1	SB12 (HEAD C)

RADAR DETECTION CABLE	
FROM	TO
CB1	SB4 (RE1)
CB1	SB6 (RM1)
CB1	SB10 (RE2)
CB1	SB12 (RM2)



LEGEND

- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- ← SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) MONOTUBE BASE, POLE, 15'-30' ARM
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- LOOP DETECTOR CONDUIT 1" NONMETALLIC
- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- RADAR DETECTION AREA
- PULL BOX, 24" X 36"
- PULL BOX, 24" X 42"
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- YIELD SIGN
- RADAR DETECTOR

LEGEND (CON'T)

- ⊗ EVP DESIGNATOR
- ⊕ EVP DETECTOR HEAD
- ☆ CONFIRMATION LIGHT
- ⊠ CONTROL CABINET
- ↑ TRAFFIC SIGNAL HEAD
- SIGNAL HEAD NUMBER
- ⊠ WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- ⊙ RED CIRCULAR INDICATOR
- ⊙ YELLOW CIRCULAR INDICATOR
- ⊙ GREEN CIRCULAR INDICATOR
- ⊙ RED ARROW
- ⊙ YELLOW ARROW
- ⊙ GREEN ARROW

NOTE: ALL LENSES ARE 12-INCH GRAYSHADE REPRESENTS EXISTING

- EVP CONSTRUCTION NOTES:**
- INSTALL THE TRAFFIC SIGNAL EMERGENCY VEHICLE PRE-EMPTION DETECTOR CABLE TO RUN CONTINUOUSLY (WITHOUT SPLICES) FROM THE CABINET TO THE DETECTOR HEADS. MOUNT THE EVP DETECTOR HEADS AND WIRE THEM PER MANUFACTURER INSTRUCTIONS.
 - THE DEPARTMENT WILL DETERMINE THE EXACT LOCATION OF THE EVP DETECTORS TO ENSURE THAT THE INSTALLATION DOES NOT CREATE A SIGHT OBSTRUCTION.
 - ALL EVP DETECTOR CABLE SHALL BE ROUTED THROUGH PROPOSED SIGNAL BASES, PULL BOXES, AND CONDUIT AS INDICATED. PROVIDE ENOUGH CABLE TO ALLOW 10 FEET OF SLACK IN THE CABINET, IN EACH PULL BOX, AND IN THE SIGNAL POLE HANDHOLE.

- CONSTRUCTION NOTES:**
- * LOCATION IS TO FRONT CENTER OF DETECTOR LOOP.
 - THE CONTRACTOR SHALL HAVE THE PULL BOXES AND CONDUIT RUNS INSPECTED 5 WORKING DAYS PRIOR TO PLACING SIGNAL CABLE INTO SYSTEM. CONTACT THE REGIONAL ELECTRICAL FIELD UNIT AT (414) 266-1170.
 - THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
 - ALL LUMINAIRES ARE LED CATEGORY C UNLESS OTHERWISE NOTED.
 - INSTALL CABINET BASE 6" ABOVE FINAL ROADWAY ELEVATION.
 - PROPOSED STORM SEWER, LIGHTING, DETECTABLE WARNING FIELDS, FTMS AND COMMUNICATION ARE SHOWN GRAYSHADED FOR PLAN CLARITY.

STRUCTURE NUMBERS

SB2	=	S-51-xxxx
SB6	=	S-51-xxxx
SB10	=	S-51-xxxx
SB14	=	S-51-xxxx

TRAFFIC CONTROL SIGNAL
 CTH H & BRAUN ROAD
 VILLAGE OF MOUNT PLEASANT/
 VILLAGE OF STURTEVANT
 RACINE COUNTY

CABINET TYPE: TS2-S
 CONTROLLER TYPE: ECONOLITE

SIGNAL NO. S51-1452

WISCONSIN DEPARTMENT OF TRANSPORTATION

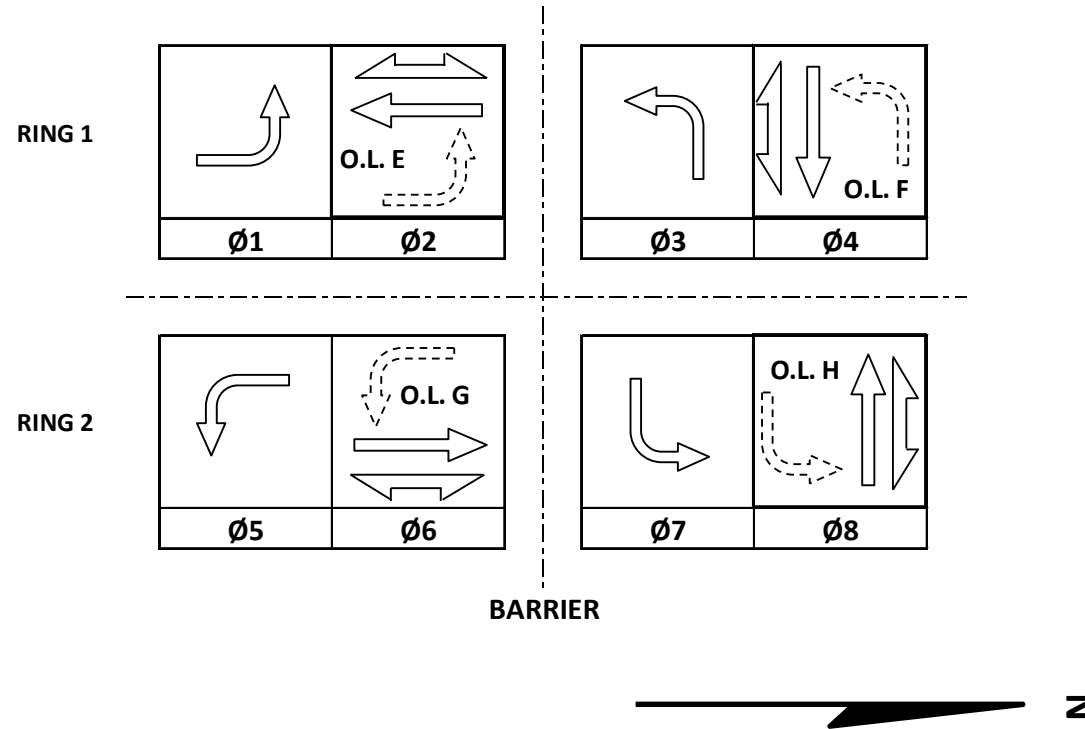
APPROVAL RECOMMENDED
 Date _____ REGION TRAFFIC ENGINEER

APPROVED
 Date _____ STATE TRAFFIC ENGINEER

REGION CONTACT: STEPHANIE SWARD
 DESIGNED BY: HNTB
 REVISED BY: _____

PAGE 1 OF 2

	HEAD NUMBERS	FLASH
Ø1	4,5,6	R
Ø2	7,8,9	R
Ø3	16,17,18	R
Ø4	19,20,21	R
Ø5	10,11,12	R
Ø6	1,2,3	R
Ø7	22,23,24	R
Ø8	13,14,15	R
Ø2P	27,28	
Ø4P	25,26	
Ø6P	31,32	
Ø8P	29,30	
OLE	4,5,6	-
OLF	16,17,18	-
OLG	10,11,12	-
OLH	22,23,24	-



CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1		6		X
2	X	6	MIN	X
3		8		X
4		8		X
5		2		X
6	X	2	MIN	X
7		4		X
8		4		X

EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	A	B	C	D
MOVEMENT				
PHASE	2+5	6+1	4+7	8+3

AFTER PREEMPTION SEQUENCE 2+5 OR 6+1, CONTROLLER SHALL RETURN TO PHASES 2+6.
 AFTER PREEMPTION SEQUENCE 4+7 OR 8+3, CONTROLLER SHALL RETURN TO PHASES 4+8.

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	
RADIO	
CELL MODEM	X

TYPE OF COORDINATION	
NONE	X
TBC	
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO:	S-
SIGNAL SYSTEM NO:	SS-

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	
TOMAR	X
HARDWIRE	
OTHER	
LIFT BRIDGE	
QUEUE DETECTION	

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13
PLAN LOOP DETECTOR*(S)	11	31	42	44	51	71	82	84
CALLED PHASE	1	3	4	4	5	7	8	8
CALL OPTION	X	X	X	X	X	X	X	X
DELAY TIME			X				X	
EXTENSION OPTION	X	X	X	X	X	X	X	X
EXTEND TIME								
USE ADDED INITIAL								
CROSS SWITCH PHASE	2	4			6	8		

DETECTOR INPUT	19	17	23	21	27	25	31	29
PLAN LOOP DETECTOR*(S)	S1	S3	S5	S7	S9			
CALL OPTION								
DELAY TIME								
EXTENSION OPTION								
EXTEND TIME								
USE ADDED INITIAL								
CROSS SWITCH PHASE								

DETECTOR INPUT	35	33	39	37	43	41	47	45
PLAN LOOP DETECTOR*(S)	21	61						
CALL OPTION	X	X						
DELAY TIME								
EXTENSION OPTION	X	X						
EXTEND TIME								
USE ADDED INITIAL								
CROSS SWITCH PHASE								

DETECTOR INPUT	4	2	8	6	12	10	16	14
PLAN LOOP DETECTOR*(S)	12	32	43	45	52	72	83	85
CALL OPTION	X	X	X	X	X	X	X	X
DELAY TIME			X				X	
EXTENSION OPTION	X	X	X	X	X	X	X	X
EXTEND TIME								
USE ADDED INITIAL								
CROSS SWITCH PHASE	2	4			6	8		

DETECTOR INPUT	20	18	24	22	28	26	32	30
PLAN LOOP DETECTOR*(S)	S2	S4	S6	S8	S10			
CALL OPTION								
DELAY TIME								
EXTENSION OPTION								
EXTEND TIME								
USE ADDED INITIAL								
CROSS SWITCH PHASE								

DETECTOR INPUT	36	34	40	38	44	42	48	46
PLAN LOOP DETECTOR*(S)	41	81						
CALL OPTION	X	X						
DELAY TIME								
EXTENSION OPTION	X	X						
EXTEND TIME								
USE ADDED INITIAL								
CROSS SWITCH PHASE								

CTH H & BRAUN ROAD	
VILLAGE OF MOUNT PLEASANT/VILLAGE OF STURTEVANT	
RACINE COUNTY	
SIGNAL NO: S51-1452	CABINET TYPE: TS2-S
CONTROLLER TYPE: ECONOLITE	
DATE: 08/18	PAGE NO. 2 OF 2

PROJECT ID:	3760-00-70
INTERSECTION:	CTH H & BRAUN ROAD

SIGNAL WIRE COLOR CODING	BLK-BLACK	RED-RED	GRN-GREEN
	WHT-WHITE	BLU-BLUE	ORG-ORANGE

CB1 TO	NO. OF CONDUCTORS	HEAD NO.	RED	YELLOW	GREEN	<RED>	<YELLOW>	<GREEN>	FLASHING <YELLOW>	D/WALK	WALK	PED BUTTON	OTHER
SB1	12	1	RED	ORG	GRN								
		11				RED/BLK	ORG/BLK	GRN/BLK	BLK/WHT				
		25								BLK	BLU		
SB2	7	B										WHT/BLK	
		20	RED	ORG	GRN								
		21	RED	ORG	GRN								
SB3	7	32								BLK	BLU		
		B										WHT/BLK	
		12				RED	ORG	GRN	BLK				
SB4	12	B										WHT/BLK	
		4				RED	ORG	GRN	BLK				
		17				RED/BLK	ORG/BLK	GRN/BLK	BLK/WHT				
SB5	12	19	RED	ORG	GRN								
		27								BLK	BLU		
		B										WHT/BLK	
SB6	12	8				RED	ORG	GRN					
		9				RED	ORG	GRN					
		26								BLK	BLU		
SB7	7	B										WHT/BLK	
		18				RED	ORG	GRN	BLK				
		B										WHT/BLK	
SB8	7	22				RED	ORG	GRN	BLK				
		5				RED	ORG	GRN	BLK/WHT				
		7	RED/BLK	ORG/BLK	GRN/BLK								
SB9	12	29								BLK	BLU		
		B										WHT/BLK	
		14	RED	ORG	GRN								
SB10	12	15	RED	ORG	GRN								
		28								BLK	BLU		
		B										WHT/BLK	
SB11	7	6				RED	ORG	GRN	BLK				
		B										WHT/BLK	
		10				RED	ORG	GRN	BLK				
SB12	7	13	RED/BLK	ORG/BLK	GRN/BLK								
		23				RED	ORG	GRN	BLK/WHT				
		31								BLK	BLU		
SB13	12	B										WHT/BLK	
		2	RED	ORG	GRN								
		3	RED	ORG	GRN								
SB14	12	30								BLK	BLU		
		B										WHT/BLK	
		24				RED	ORG	GRN	BLK				
SB15	7	B										WHT/BLK	
		16				RED	ORG	GRN	BLK				
SB16	7	16				RED	ORG	GRN	BLK				

NOTES: USE WHITE CONDUCTOR IN THE SIGNAL CABLE AS THE GROUNDED CONDUCTOR FOR ALL TRAFFIC SIGNAL INDICATIONS.
 ENSURE THE GROUNDED CONDUCTOR IN THE FEEDER CABLE AND THE POLE CABLES ARE BOTH 18" LONGER THAN THE UNGROUNDED CONDUCTORS.
 AT THE SIGNAL BASES, CONNECT ONE TERMINAL FROM THE PEDESTRIAN PUSH BUTTONS TO THE COLOR INDICATED IN THE CHART. CONNECT THE OTHER TERMINAL TO THE GROUNDED CONDUCTOR.

(CONTINUED ON NEXT SHEET)

(CONTINUED)

EQUIPMENT GROUNDING CONDUCTOR 10 AWG GRN XLP	
FROM	TO
CB1	SB1
SB1	SB2
SB2	SB3
SB3	SB4
SB4	SB5
SB5	SB6
SB6	SB7
SB7	SB8
SB8	SB9
SB9	SB10
SB10	SB11
SB11	SB12
SB12	SB13
SB13	SB14
SB14	SB15
SB15	SB16
SB16	CB1

LIGHTING UF 10 AWG W/ GROUND	
FROM	TO
CB1	SB3
SB3	SB7
CB1	SB15
SB15	SB11

PULL BOX BONDING JUMPER 10 AWG GRN XLP	
FROM	TO
PB1	CB1
PB2	CB1
PB3	SB2
PB4	SB3
PB5	SB3
PB6	SB4
PB7	SB4
PB9	SB6
PB10	SB6
PB11	SB7
PB12	SB7
PB13	SB8
PB14	SB8
PB15	SB8
PB17	SB10
PB18	SB10
PB19	SB11
PB20	SB11
PB21	SB12
PB22	SB12
PB24	SB14
PB25	SB14
PB26	SB15
PB27	SB15
PB28	SB16
PB29	SB16
PB30	CB1
PB32	CB1





EMERGENCY VEHICLE PREEMPTION	
FROM	TO
CB1	SB2 (HEAD C)
CB1	SB6 (HEAD A)
CB1	SB10 (HEAD D)
CB1	SB14 (HEAD B)

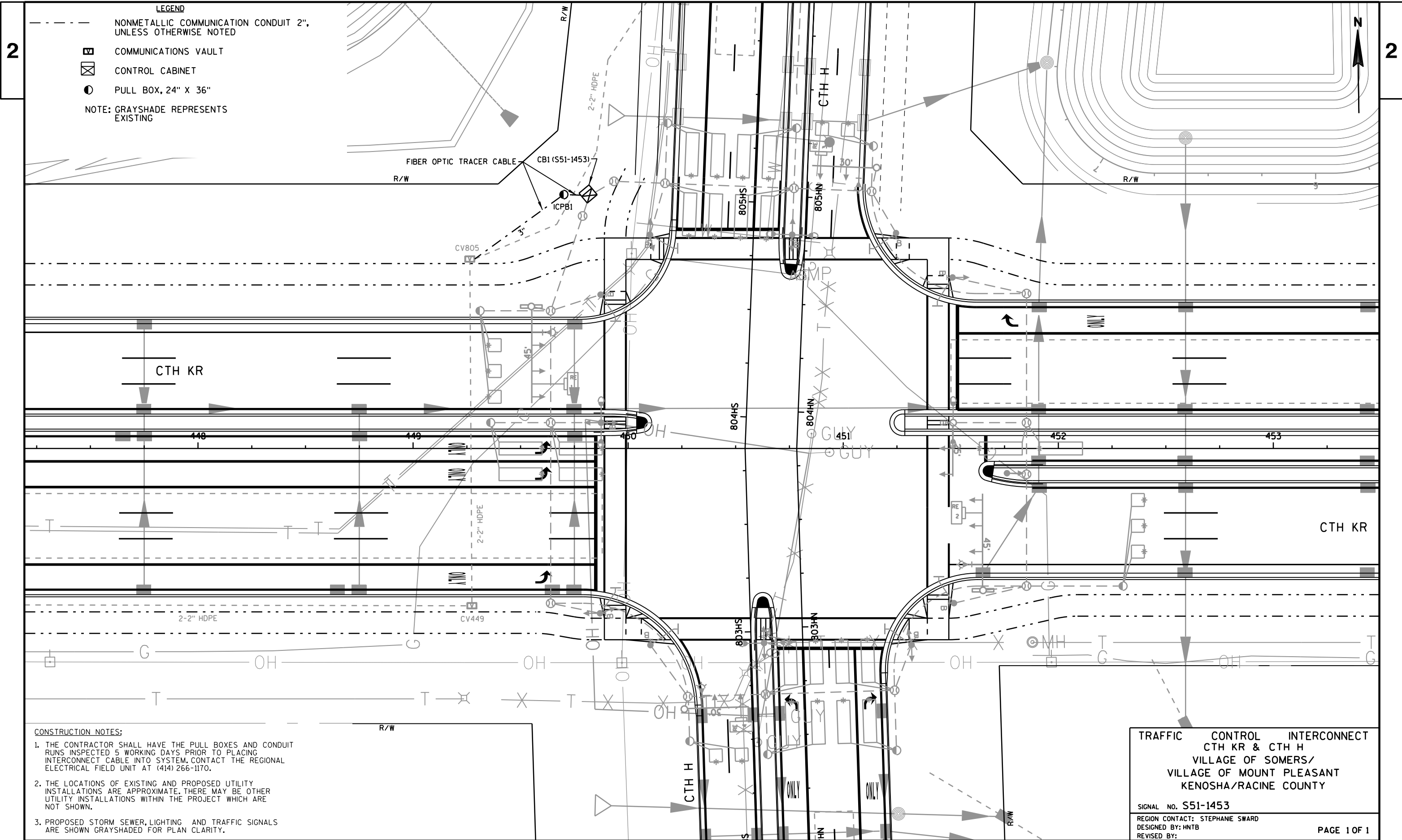
CONFIRMATION BEACON CABLE TRAFFIC SIGNAL 3-14 AWG	
FROM	TO
CB1	SB2 (HEAD C)
CB1	SB6 (HEAD A)
CB1	SB10 (HEAD D)
CB1	SB14 (HEAD B)

RADAR DETECTION CABLE	
FROM	TO
CB1	SB2 (RE4)
CB1	SB6 (RE1)
CB1	SB10 (RE3)
CB1	SB14 (RE2)



LEGEND

-  TRAFFIC SIGNAL
-  INSTALL ETHERNET SWITCH IN TRAFFIC SIGNAL CABINET
-  COMMUNICATION PROVIDED VIA CELLULAR MODEM
-  INSTALL UNDERGROUND INFRASTRUCTURE



PROJECT NO: 3760-00-70

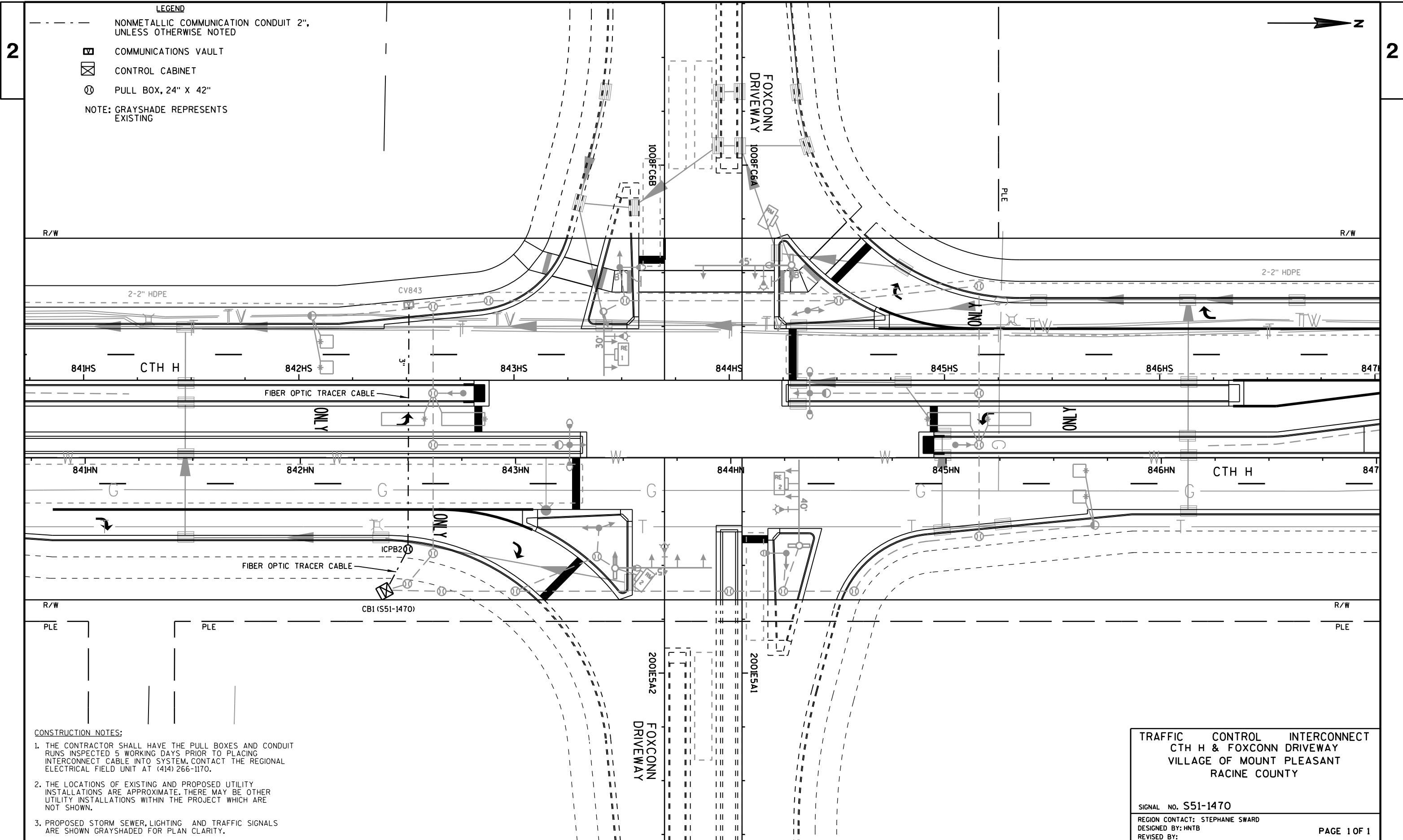
HWY: CTH H

COUNTY: RACINE

COMMUNICATION PLAN

SHEET

E



PROJECT NO: 3760-00-70

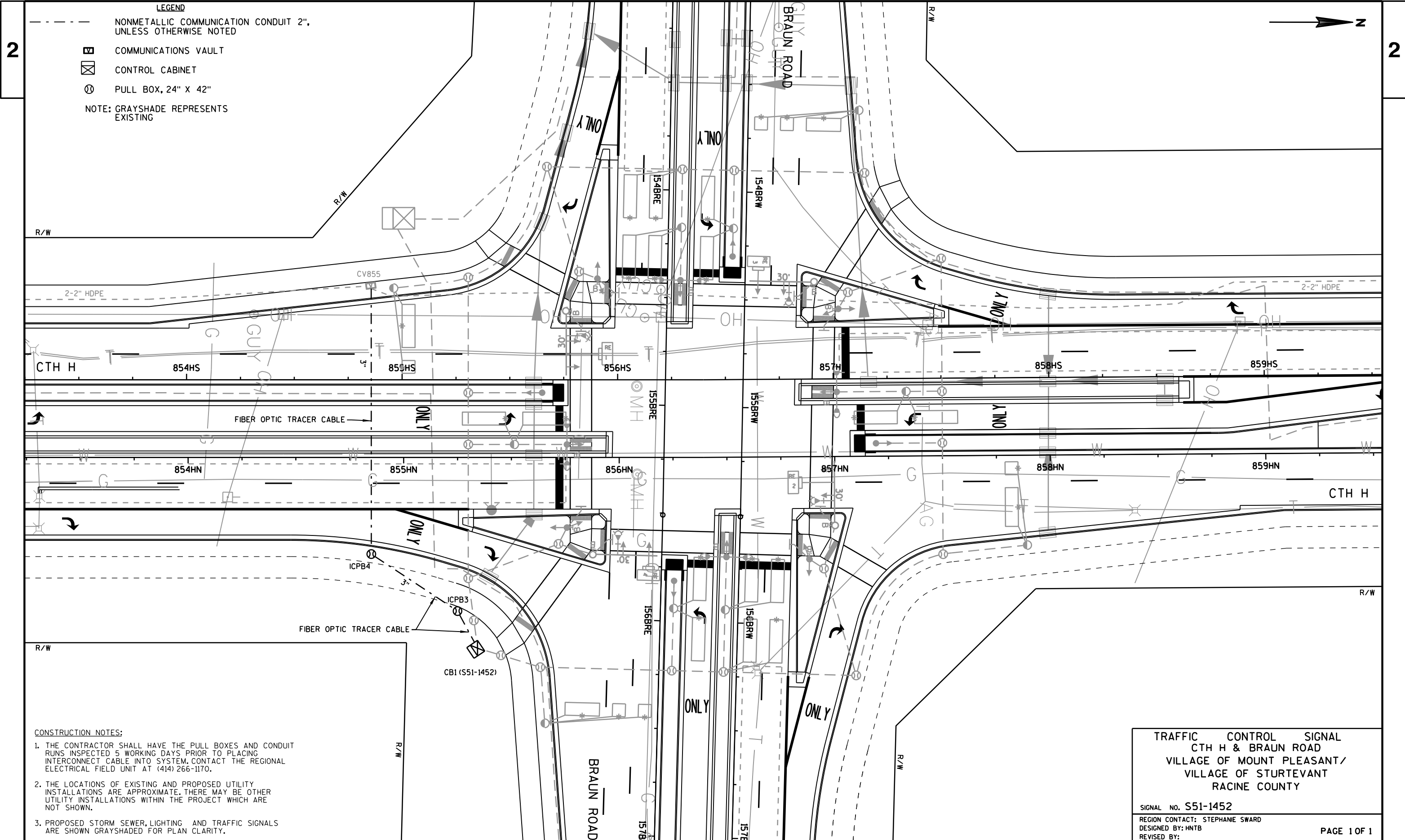
HWY: CTH H

COUNTY: RACINE

COMMUNICATION PLAN

SHEET

E



TRAFFIC CONTROL SIGNAL
 CTH H & BRAUN ROAD
 VILLAGE OF MOUNT PLEASANT/
 VILLAGE OF STURTEVANT
 RACINE COUNTY

SIGNAL NO. S51-1452
 REGION CONTACT: STEPHANIE SWARD
 DESIGNED BY: HNTB
 REVISED BY:

PAGE 1 OF 1

PROJECT NO: 3760-00-70

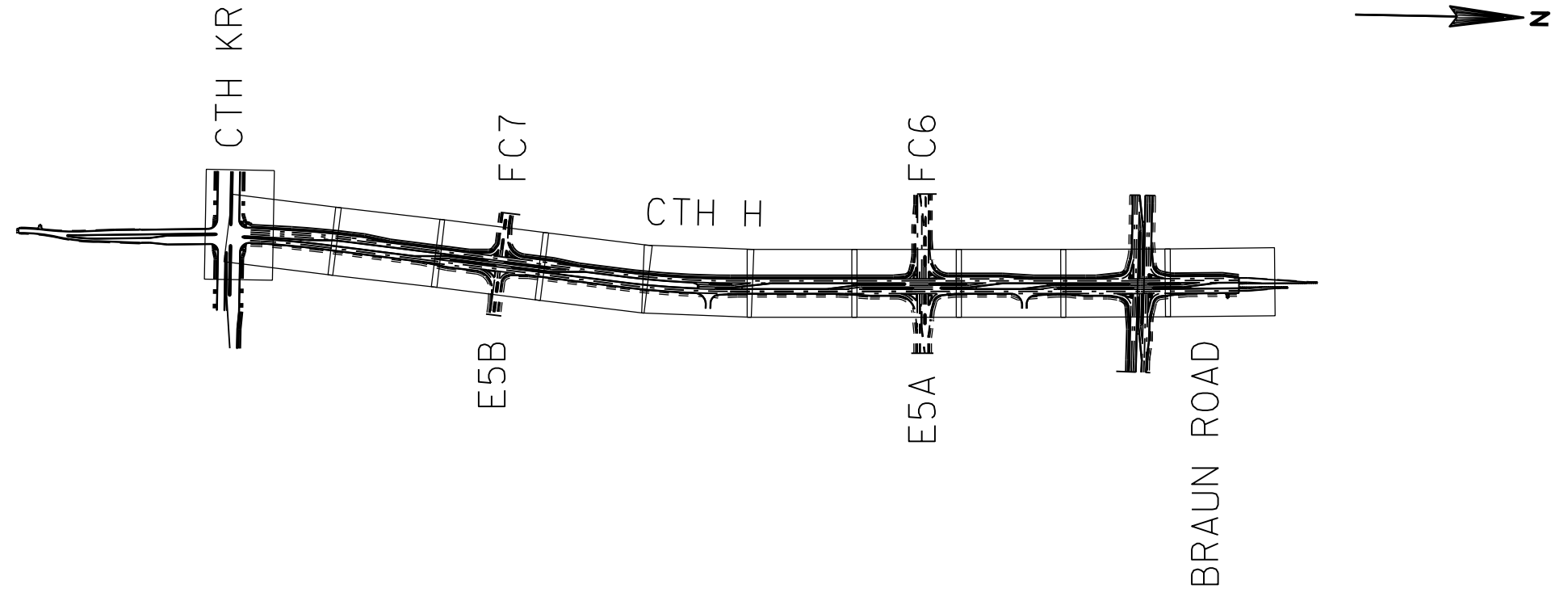
HWY: CTH H

COUNTY: RACINE

COMMUNICATION PLAN

SHEET

E



THESE PLANS AND THE ASSOCIATED SPECIAL PROVISIONS REFLECT CONDITIONS KNOWN DURING THE DEVELOPMENT OF THE PLANS AND TECHNICAL SPECIAL PROVISIONS. ALL SCALES, DIMENSIONS AND LOCATIONS SHOWN IN THESE PLANS ARE APPROXIMATE. ACTUAL PHYSICAL FIELD CONDITIONS SHALL PROVIDE THE BASIS FOR THE APPLICATION OF WORK SHOWN IN THE PLANS. THE CONTRACTOR IS FULLY RESPONSIBLE FOR THE APPLICATION OF ALL WORK SHOWN IN THE PLANS TO THE ACTUAL PHYSICAL FIELD CONDITIONS TO PROVIDE A COMPLETE AND ACCEPTED PROJECT. IN THE EVENT THAT ACTUAL PHYSICAL FIELD CONDITIONS AFFECT OR PREVENT THE APPLICATION OR PROGRESSION OF ANY WORK SHOWN IN THE PLANS OR TECHNICAL SPECIAL PROVISIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY, AND PRIOR TO ANY FURTHER WORK ACTIVITY. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY LOCATION CHANGES OTHER THAN MINOR ADJUSTMENTS.

BE AWARE THAT ALL EXISTING UNDERGROUND AND ABOVE GROUND STRUCTURES AND FACILITIES WITHIN THE SCOPE OF THIS PROJECT MAY NOT BE LOCATED IN THE PLANS. THE CONTRACTOR IS FULLY RESPONSIBLE FOR LOCATING AND AVOIDING ALL UNDERGROUND AND ABOVE GROUND STRUCTURES AND FACILITIES.

BE AWARE THAT NO TEST BORINGS WERE MADE WHERE CONDUITS, PULLBOXES, POLES, CABINET FOUNDATIONS, OR OTHER EQUIPMENT IS TO BE INSTALLED. THE CONTRACTOR IS FULLY RESPONSIBLE FOR EXAMINING THE JOB SITE CONDITIONS BEFORE SUBMITTING BID PROPOSALS.

NO TREES (AND/OR SHRUBS) ARE TO BE REMOVED WITHOUT APPROVAL OF THE ENGINEER.

AREAS WITHIN THE RIGHT-OF-WAY DISTURBED SPECIFICALLY FOR FTMS CONSTRUCTION ARE TO BE RESTORED TO THE ORIGINAL CONDITION WITH TOPSOIL, FERTILIZER, SEED, AND MULCH. RESTORATION FOR AREAS DISTURBED FOR OTHER CONSTRUCTION OPERATIONS BUT ALSO CONTAINING FTMS CONSTRUCTION WILL BE DONE ACCORDING TO REQUIREMENTS AND PAYMENT PROVISIONS FOR THE OTHER CONSTRUCTION OPERATIONS. NO PAYMENT WILL BE MADE FOR RESTORING AREAS DISTURBED FOR FTMS CONSTRUCTION OPERATIONS.

THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

DUE TO RAMP, LANE, SHOULDER CLOSURE RESTRICTIONS, AND WORK UNDER OTHER CONTRACTS, SOME WORK MAY BE REQUIRED TO BE PERFORMED AT NIGHT.

THE CONTRACTOR IS FULLY RESPONSIBLE FOR COORDINATING RAMP, LANE, SHOULDER, AND ROADWAY CLOSURES WITH OTHER CONTRACTS IN THE AREA.

THE CONTRACTOR IS TO CONTACT THE WISDOT STATEWIDE TRAFFIC OPERATIONS CENTER AT (414) 227-2166 FIVE (5) WORKING DAYS PRIOR TO ENTERING ANY EXISTING WISDOT FTMS OR ITS CABINET.

HAND DIG TRENCHES CROSSING EXISTING CONDUIT CONTAINING FIBER OPTIC CABLE.

VISUALLY VERIFY DEPTHS OF EXISTING CONDUITS CONTAINING FIBER OPTIC CABLE PRIOR TO CROSSING BY DIRECTIONAL BORE OR SPECIAL METHOD.

INSTALL CONDUIT BELOW FUTURE MULTIUSE PATH SO AS NOT TO BE DISTURBED WHEN THE PATH IS CONSTRUCTED. INSTALL CONDUIT AND VAULTS AROUND PROPOSED IRRIGATION SYSTEM.

FTMS STANDARD ABBREVIATIONS

CCTV	CLOSED CIRCUIT TELEVISION SITE
RM	RAMP METER
DMS	DYNAMIC MESSAGE SIGN
SDS	SYSTEM DETECTOR STATION
ATR	AUTOMATIC TRAFFIC RECORDER
FY	ADVANCE FLASHER (ASSEMBLY)
CB	CONTROLLER CABINET
PB	PULL BOX
GPB	GROUNDING PULL BOX
MH	MANHOLE
V	COMMUNICATIONS VAULT
SB	SIGNAL BASE
MD	MICROWAVE DETECTOR

LEGEND

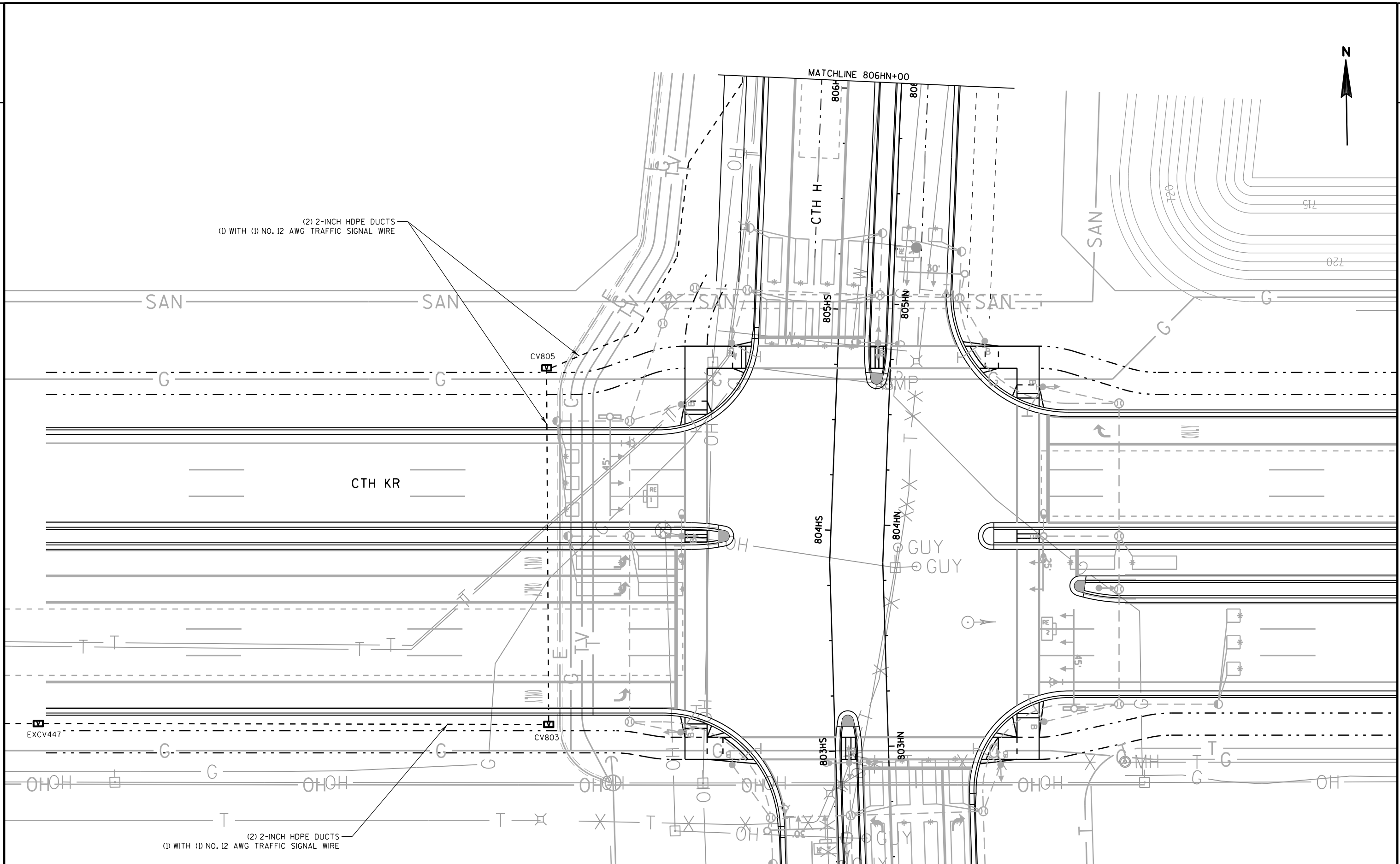
FTMS CONVENTIONAL SYMBOLS

FTMS (ITS) CONDUIT - - - - -

COMMUNICATIONS VAULT, TYPE 1- - - - -

EXISTING

PROPOSED



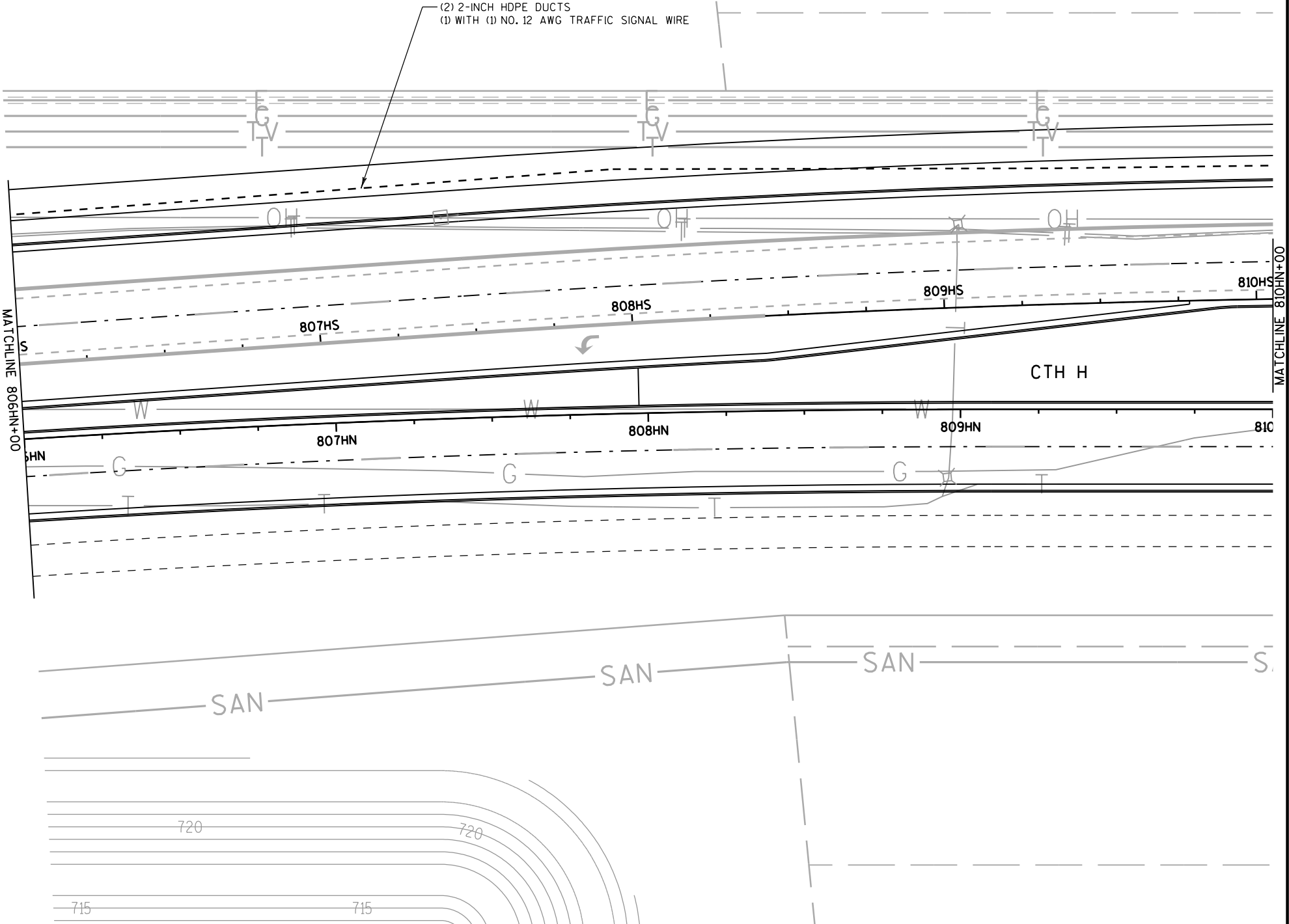
PROJECT NO: 3760-00-70	HWY: CTH H	COUNTY: RACINE	ITS PLANS	SHEET E
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2

2



(2) 2-INCH HDPE DUCTS
(1) WITH (1) NO. 12 AWG TRAFFIC SIGNAL WIRE



PROJECT NO: 3760-00-70

HWY: CTH H

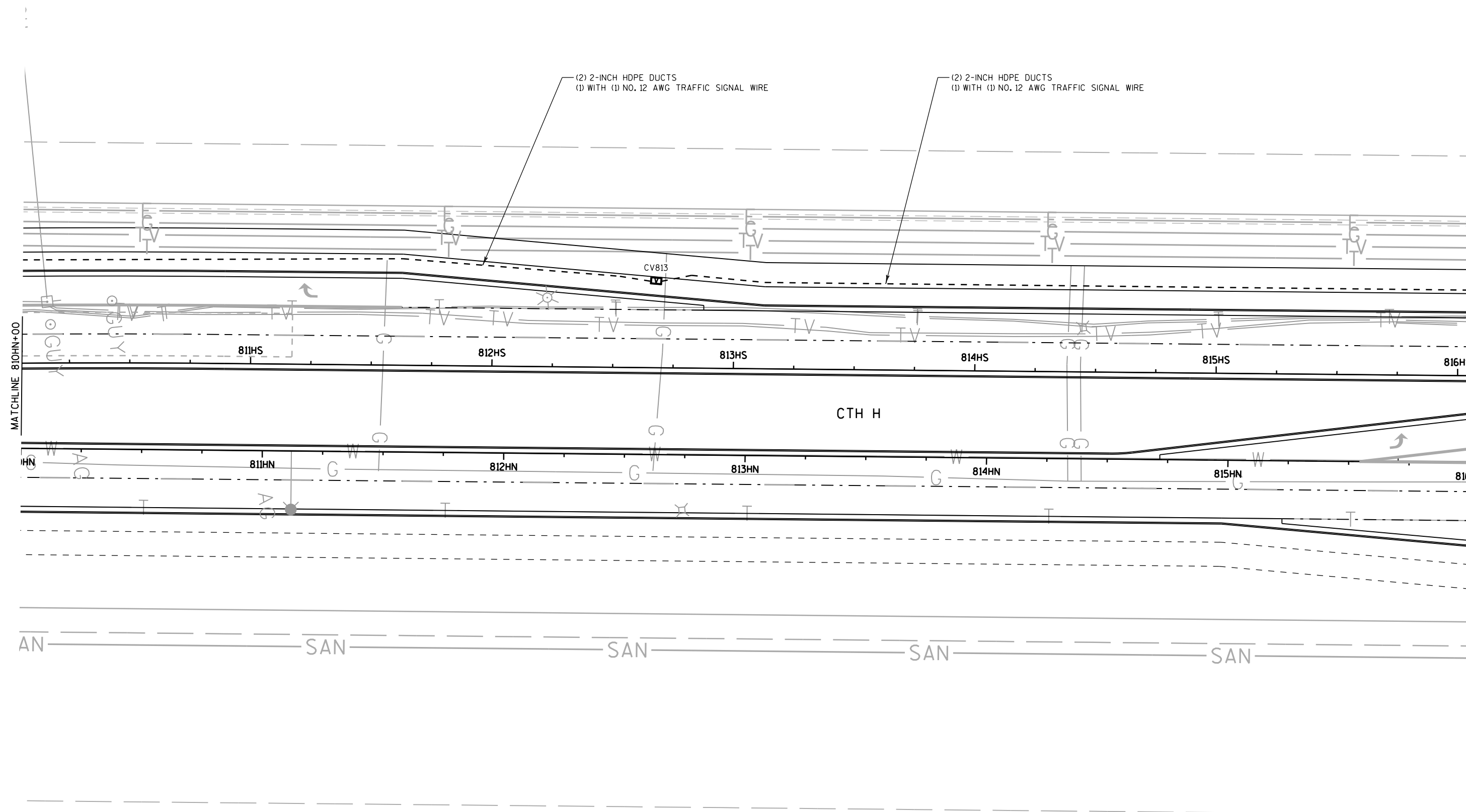
COUNTY: RACINE

ITS PLANS

SHEET

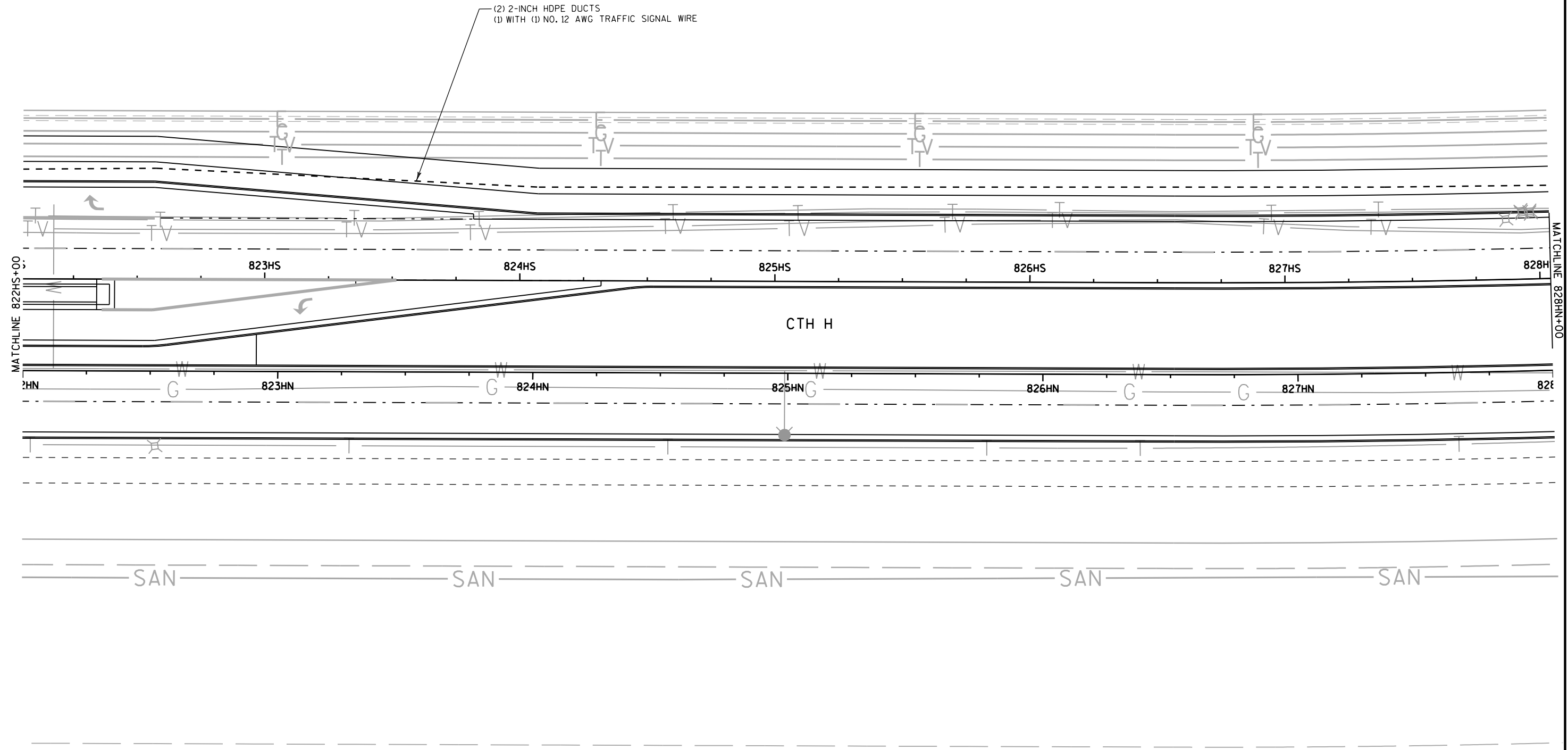
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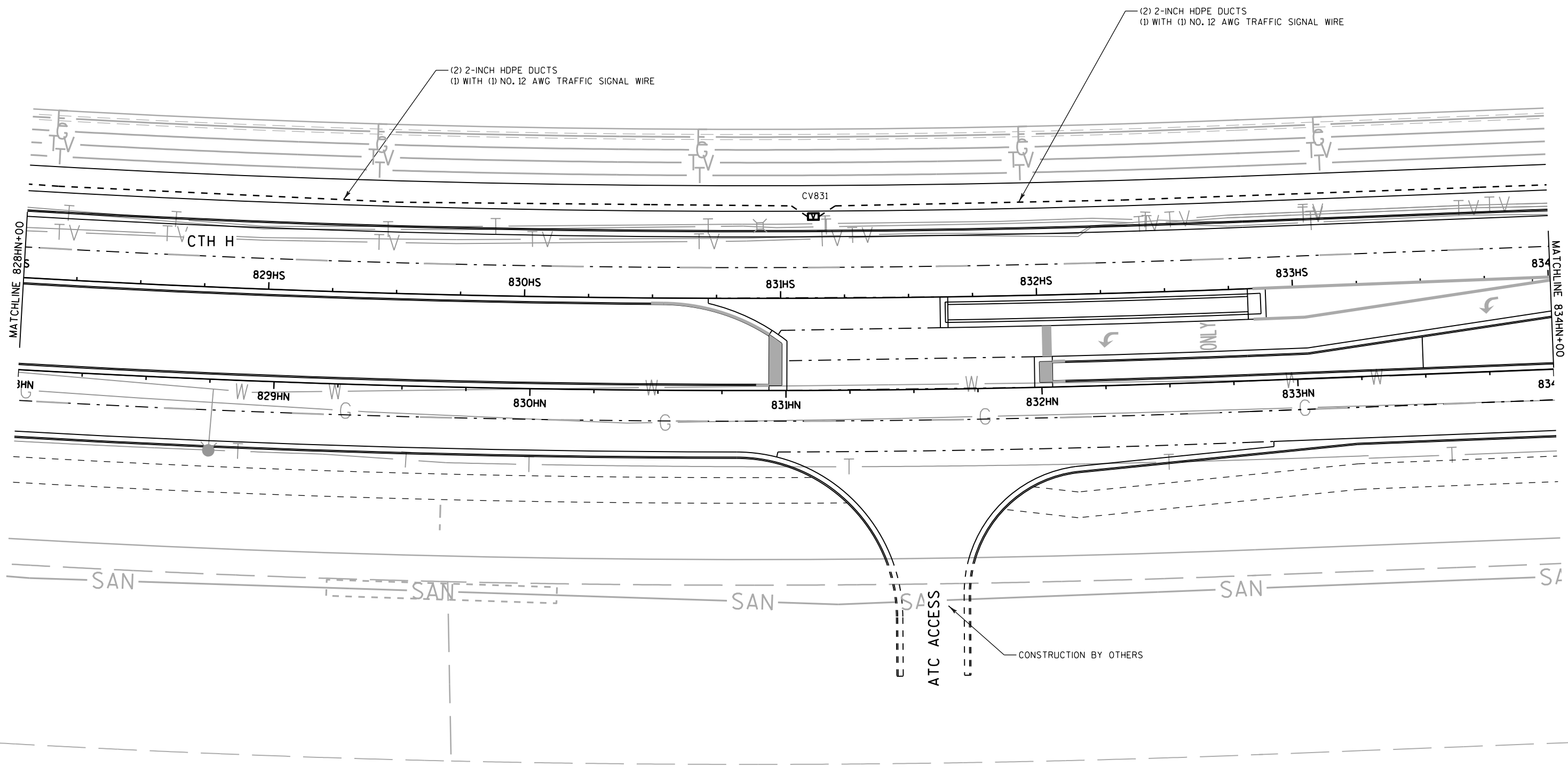
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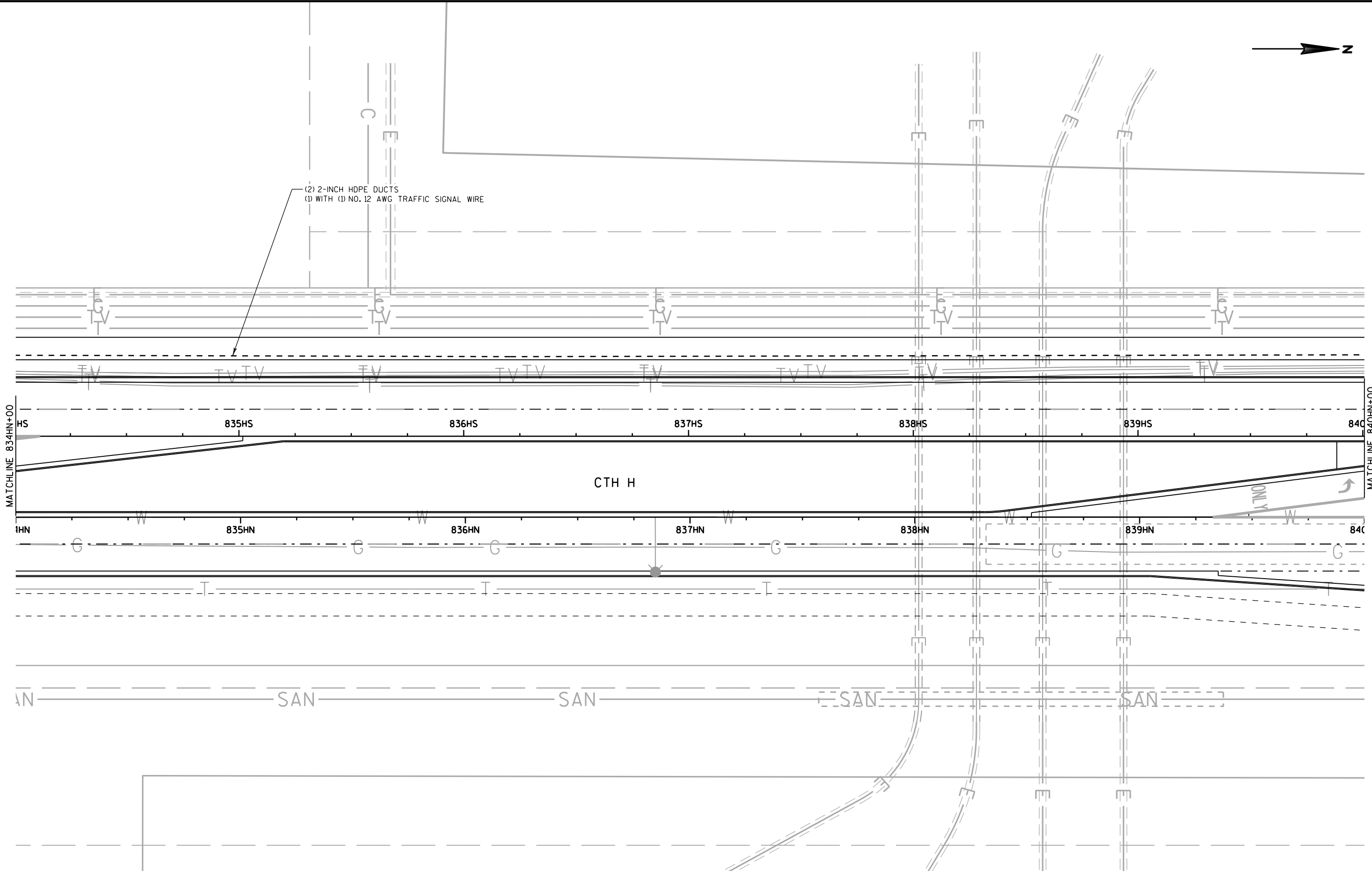
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(1) WITH (1) NO. 12 AWG TRAFFIC SIGNAL WIRE

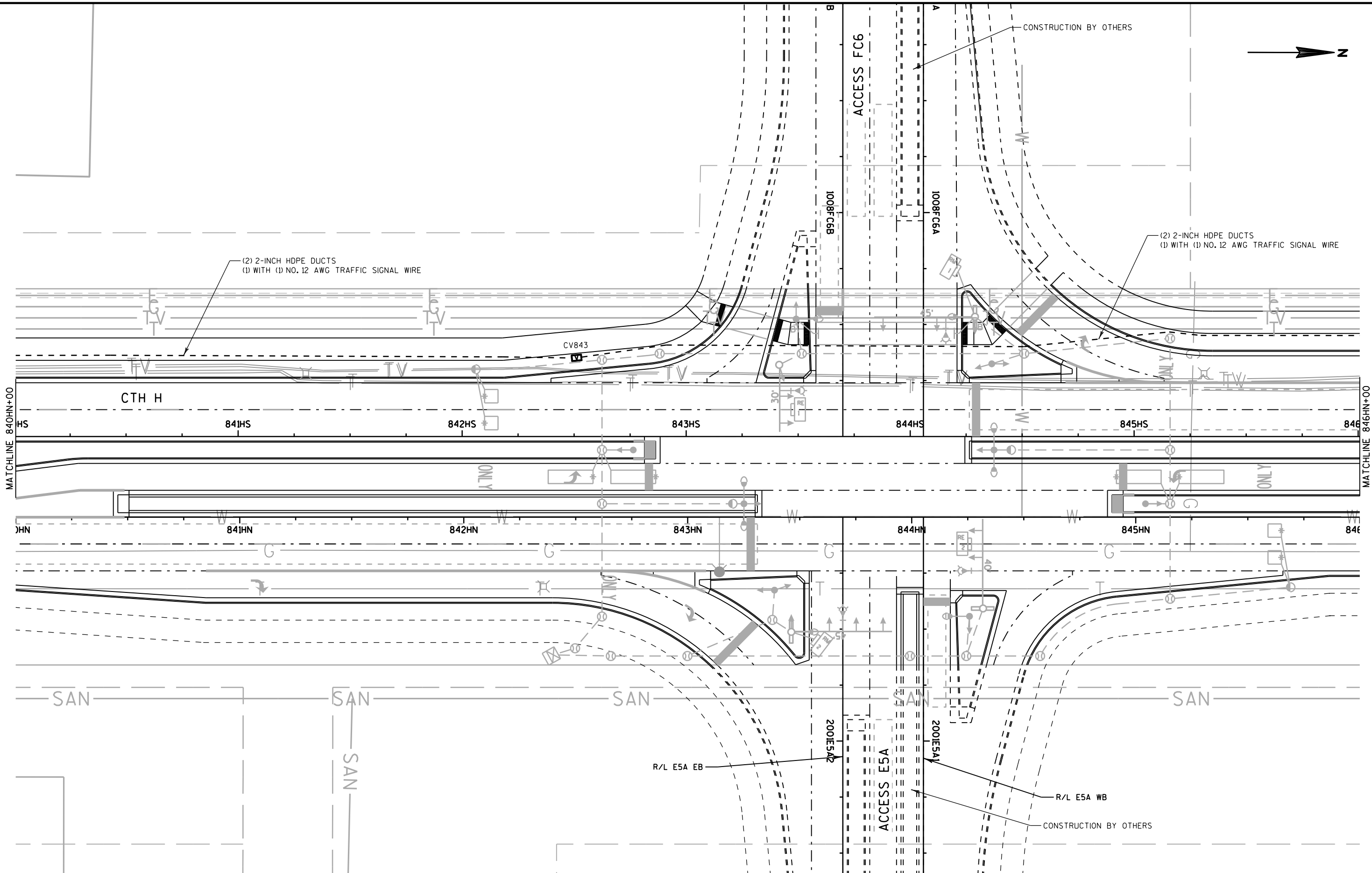






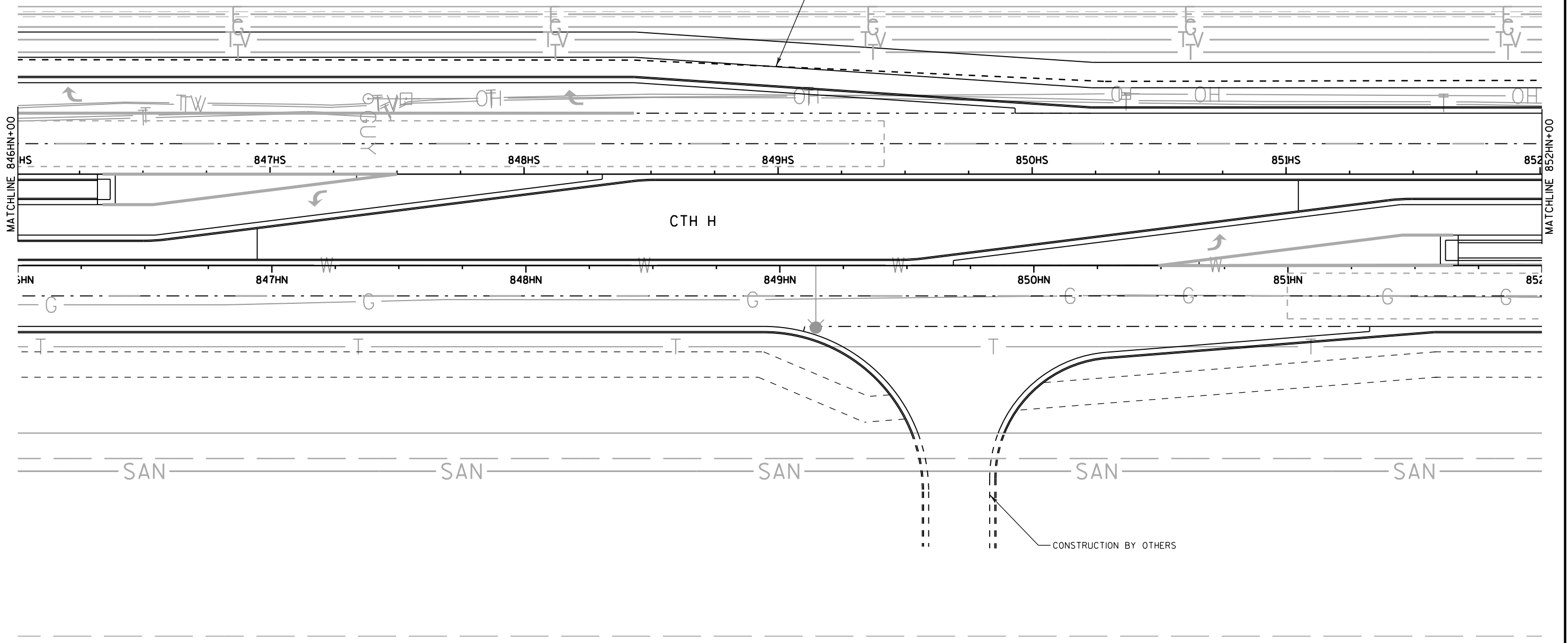
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(1) WITH (1) NO. 12 AWG TRAFFIC SIGNAL WIRE







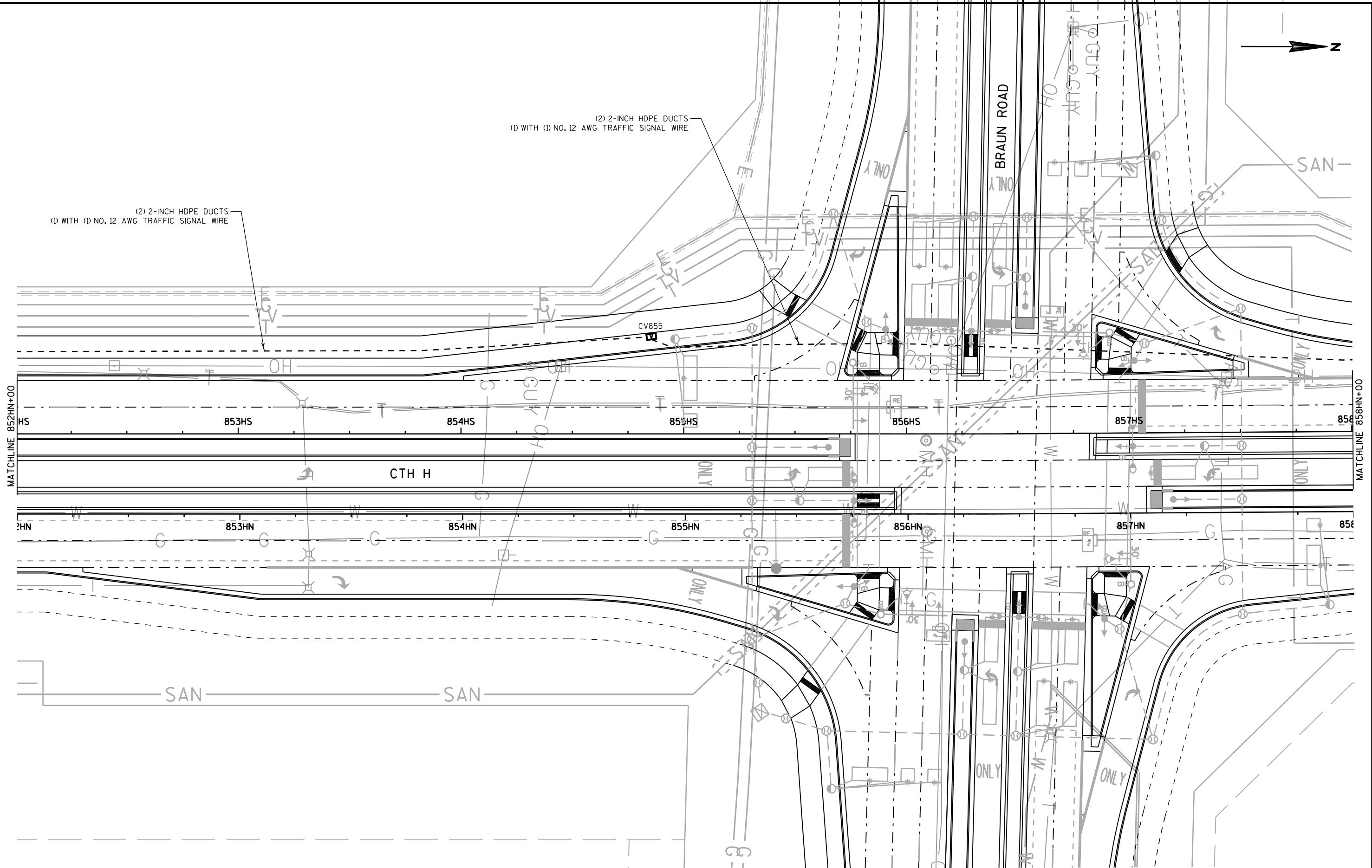
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(1) WITH (1) NO. 12 AWG TRAFFIC SIGNAL WIRE





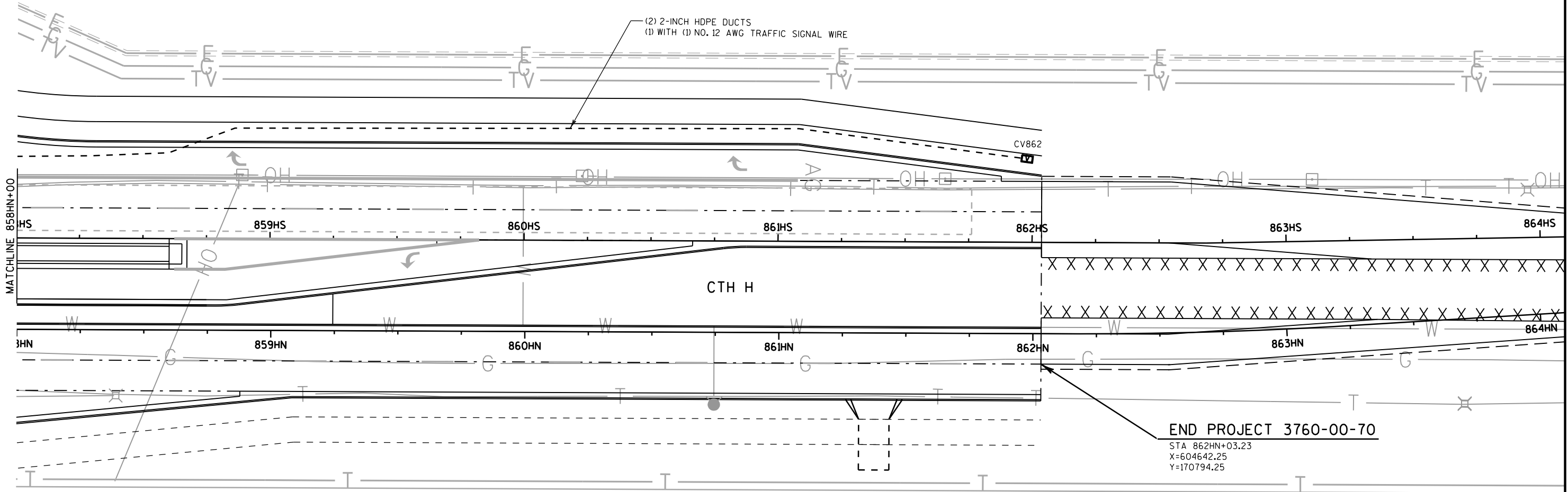
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(1) WITH (1) NO. 12 AWG TRAFFIC SIGNAL WIRE

(2) 2-INCH HDPE DUCTS
(1) WITH (1) NO. 12 AWG TRAFFIC SIGNAL WIRE





SAN SAN SAN SAN



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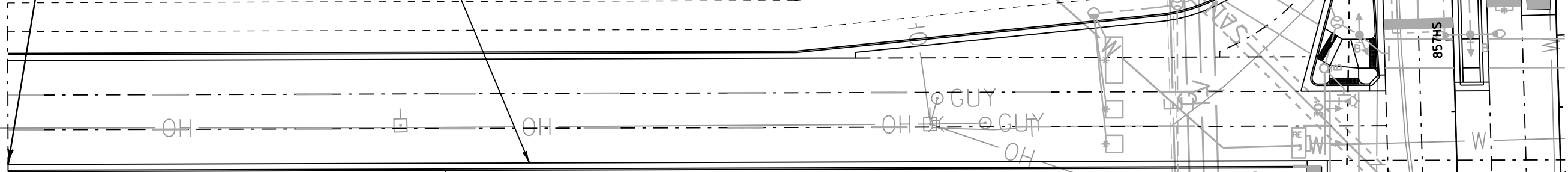
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G
W

G
W

G
W

R/L BRAUN ROAD WB



BRAUN ROAD

R/L BRAUN ROAD EB

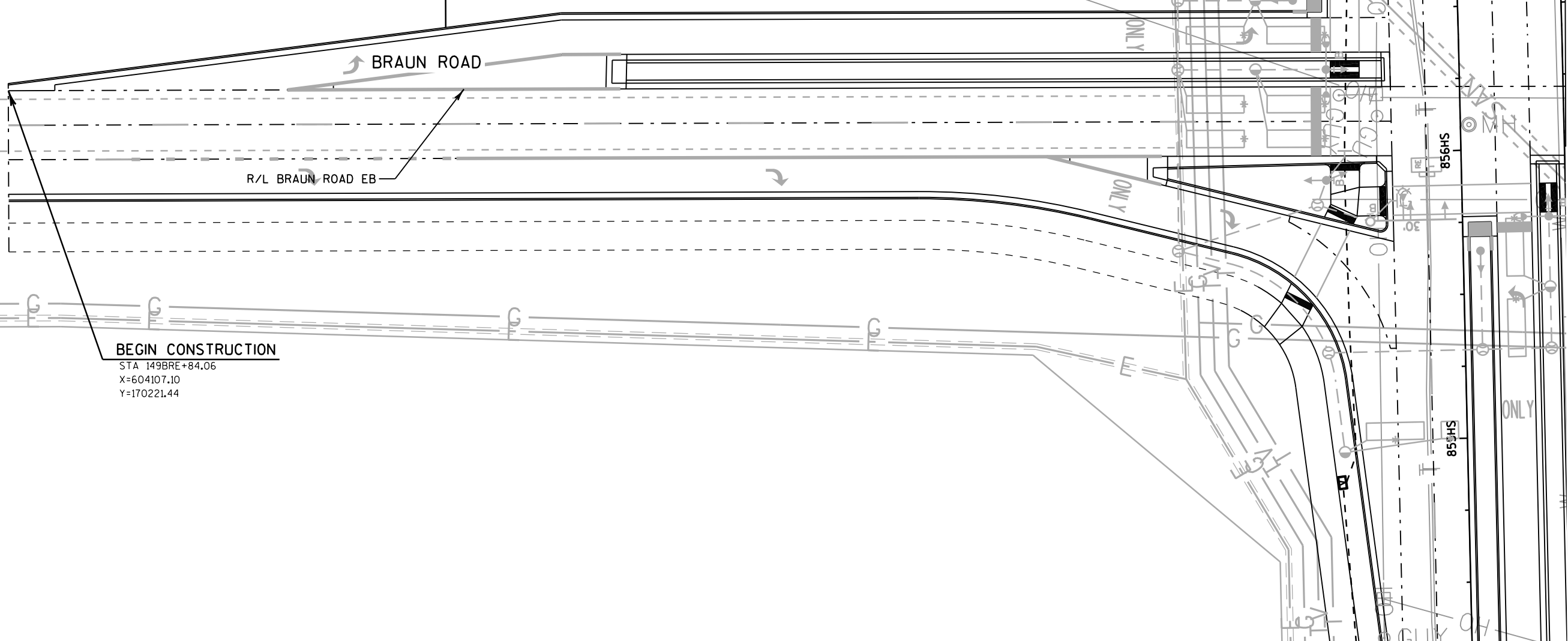
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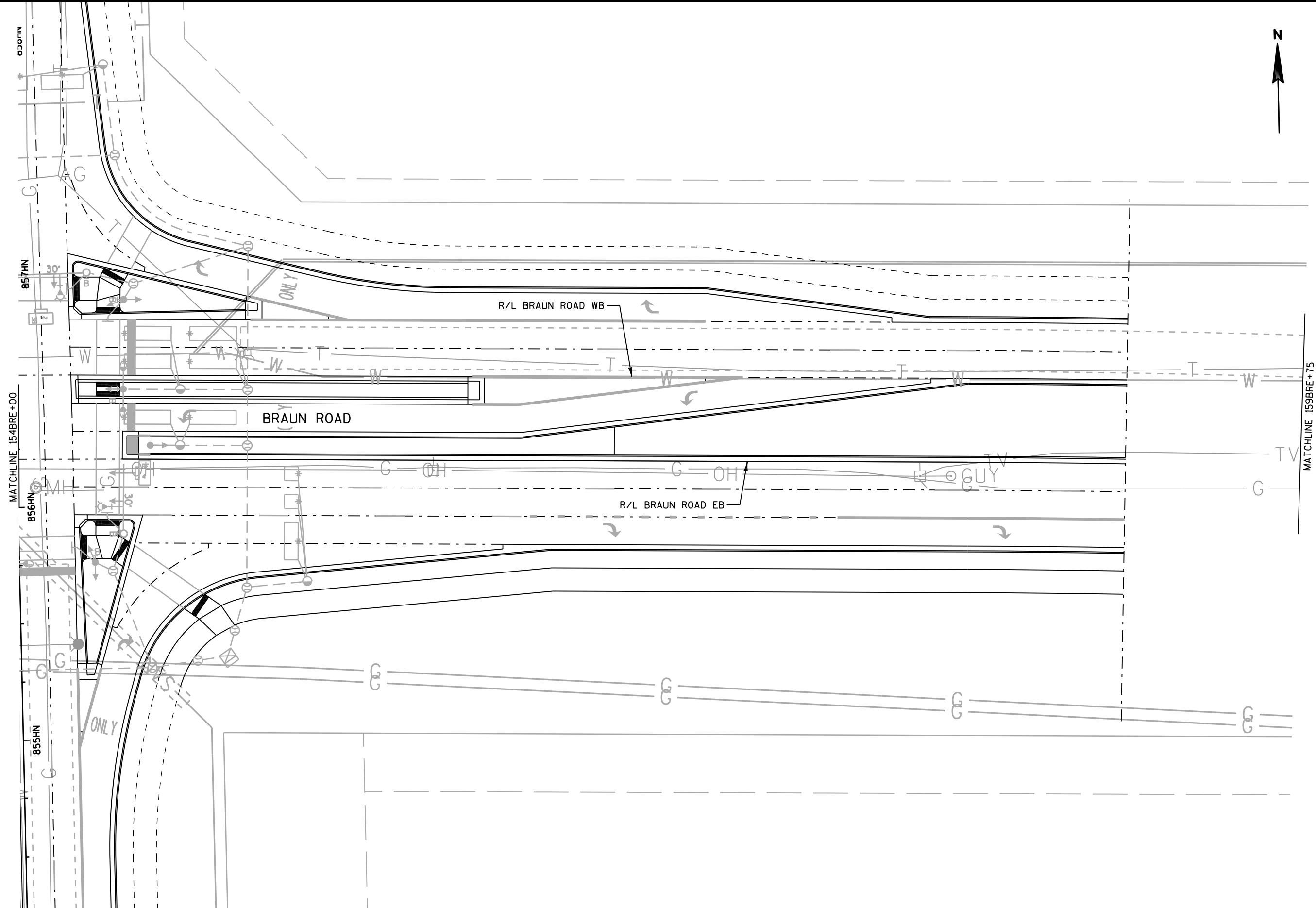
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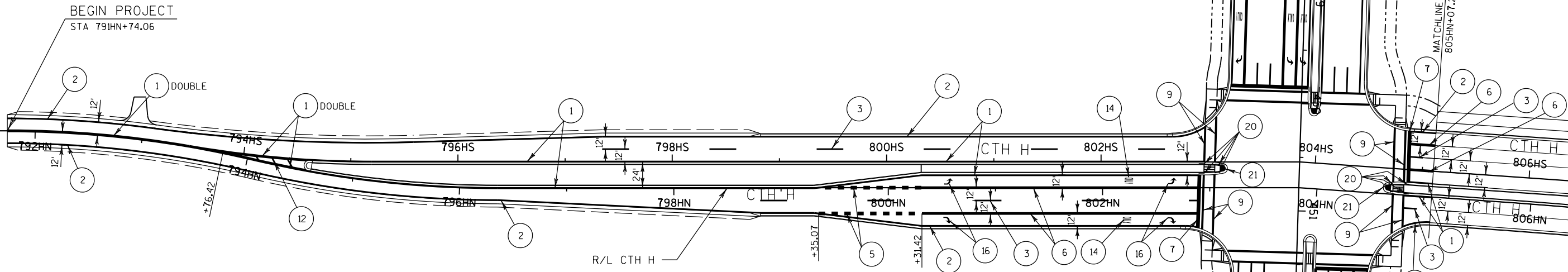
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2



PROJECT NO: 3760-00-70	HWY: CTH H	COUNTY: RACINE	ITS PLANS	SHEET E
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PROJECT ID
3763-00-73
BY OTHERS



LEGEND

- | | |
|--|--|
| 1 MARKING LINE EPOXY 4-INCH (YELLOW) | 9 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH |
| 2 MARKING LINE EPOXY 4-INCH (WHITE) | 12 MARKING DIAGONAL EPOXY 12-INCH |
| 3 MARKING LINE GROOVED WET REFLECTIVE CONTRAST EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP) | 14 MARKING WORD EPOXY (WHITE) |
| 5 MARKING LINE GROOVED WET REFLECTIVE CONTRAST EPOXY 8-INCH (DOT PATTERN WHITE) (3 FT LINE 9 FT SKIP) | 16 MARKING ARROW EPOXY (WHITE) |
| 6 MARKING LINE GROOVED WET REFLECTIVE CONTRAST EPOXY 8-INCH (WHITE) | 21 MARKING ISLAND NOSE EPOXY |
| 7 MARKING STOP LINE EPOXY 18-INCH (WHITE) | 30 TEMPORARY MARKING LINE PAINT 8-INCH (WHITE) |

PROJECT NO: 3760-00-70

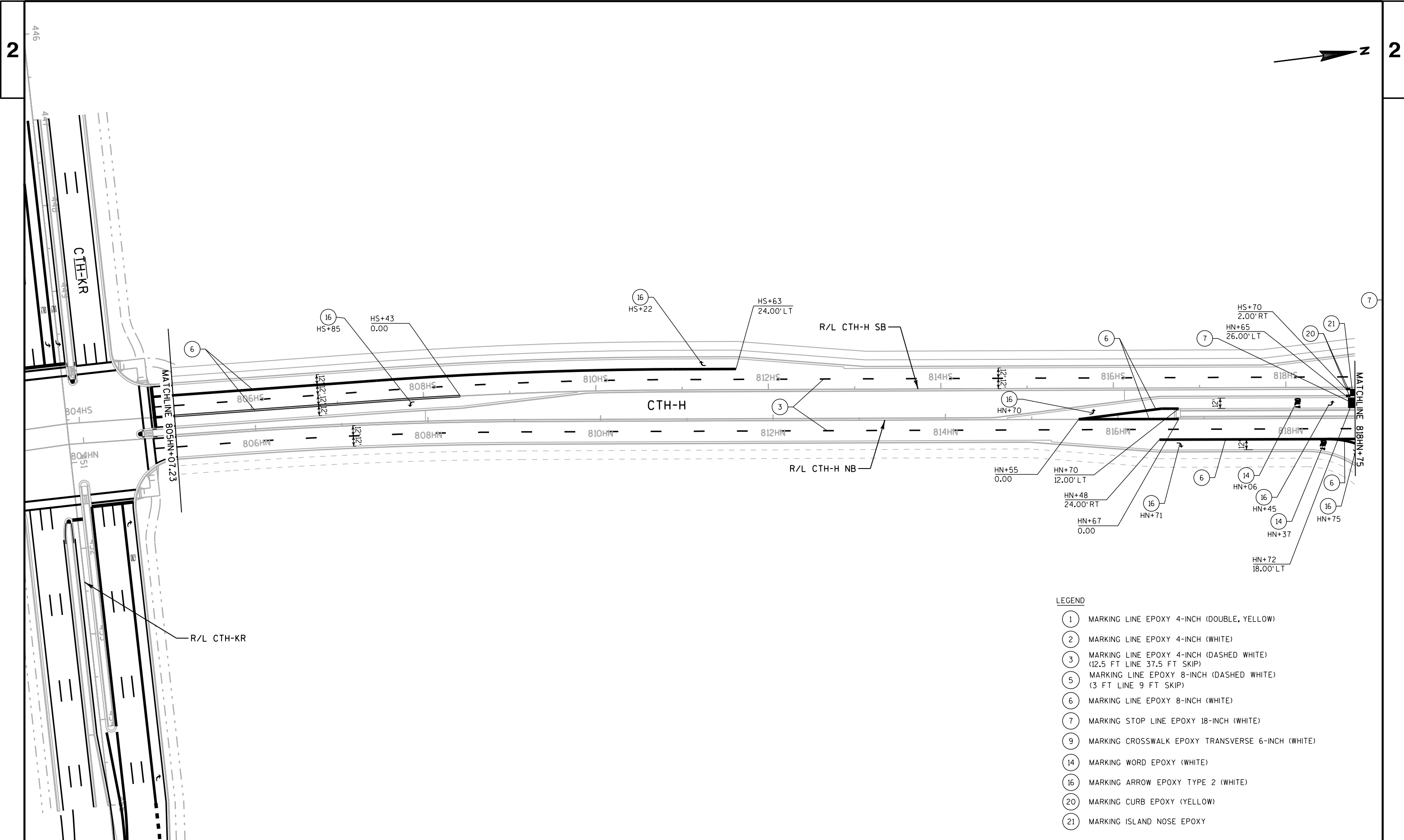
HWY: CTH H

COUNTY: RACINE

PAVEMENT MARKING PLAN CTH H

SHEET

E



PROJECT NO: 3760-00-70

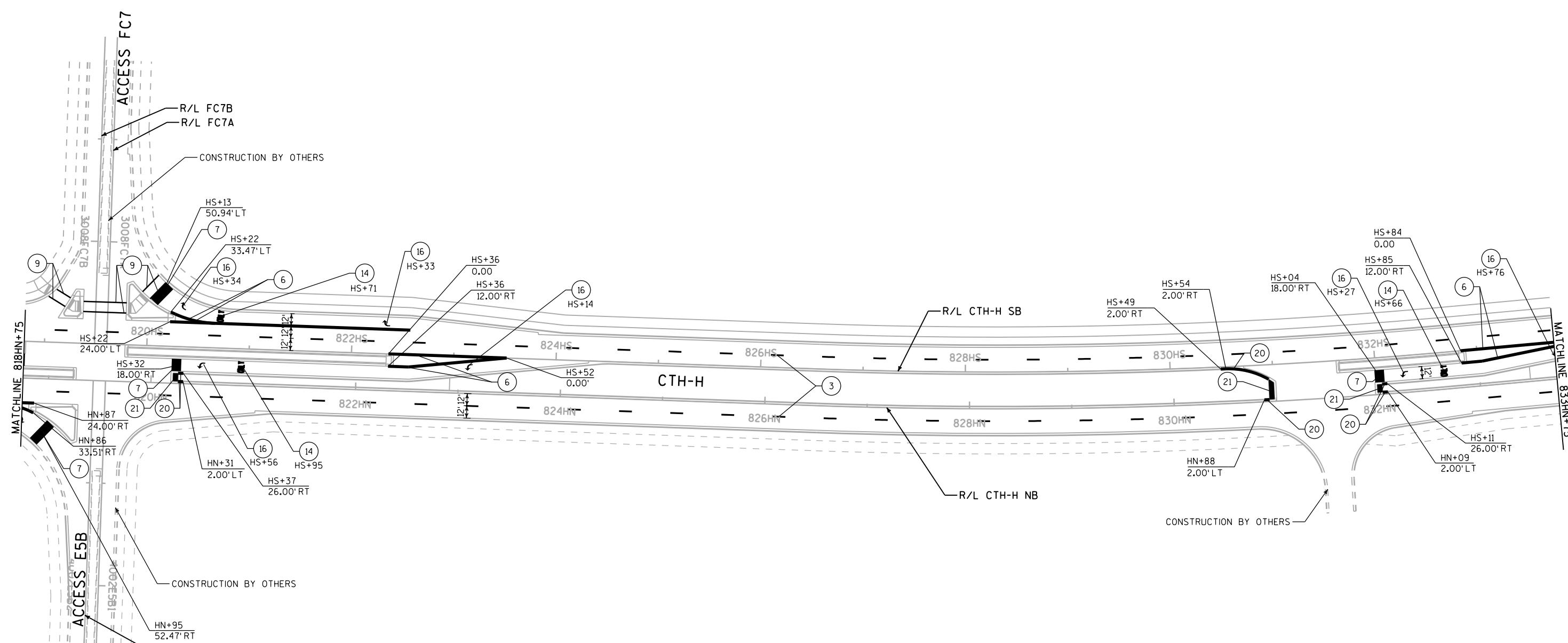
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COUNTY: RACINE

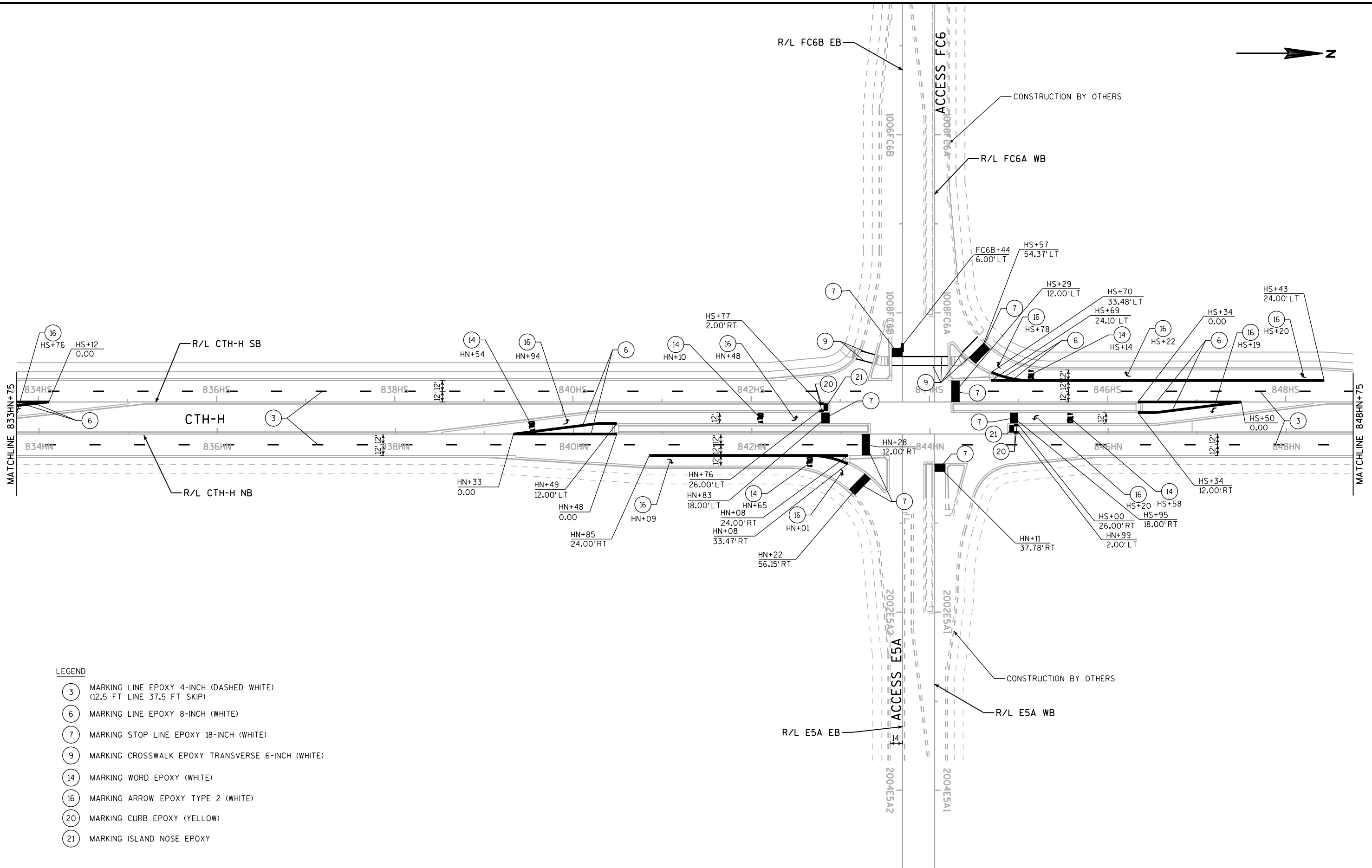
PAVEMENT MARKINGS

SHEET

E

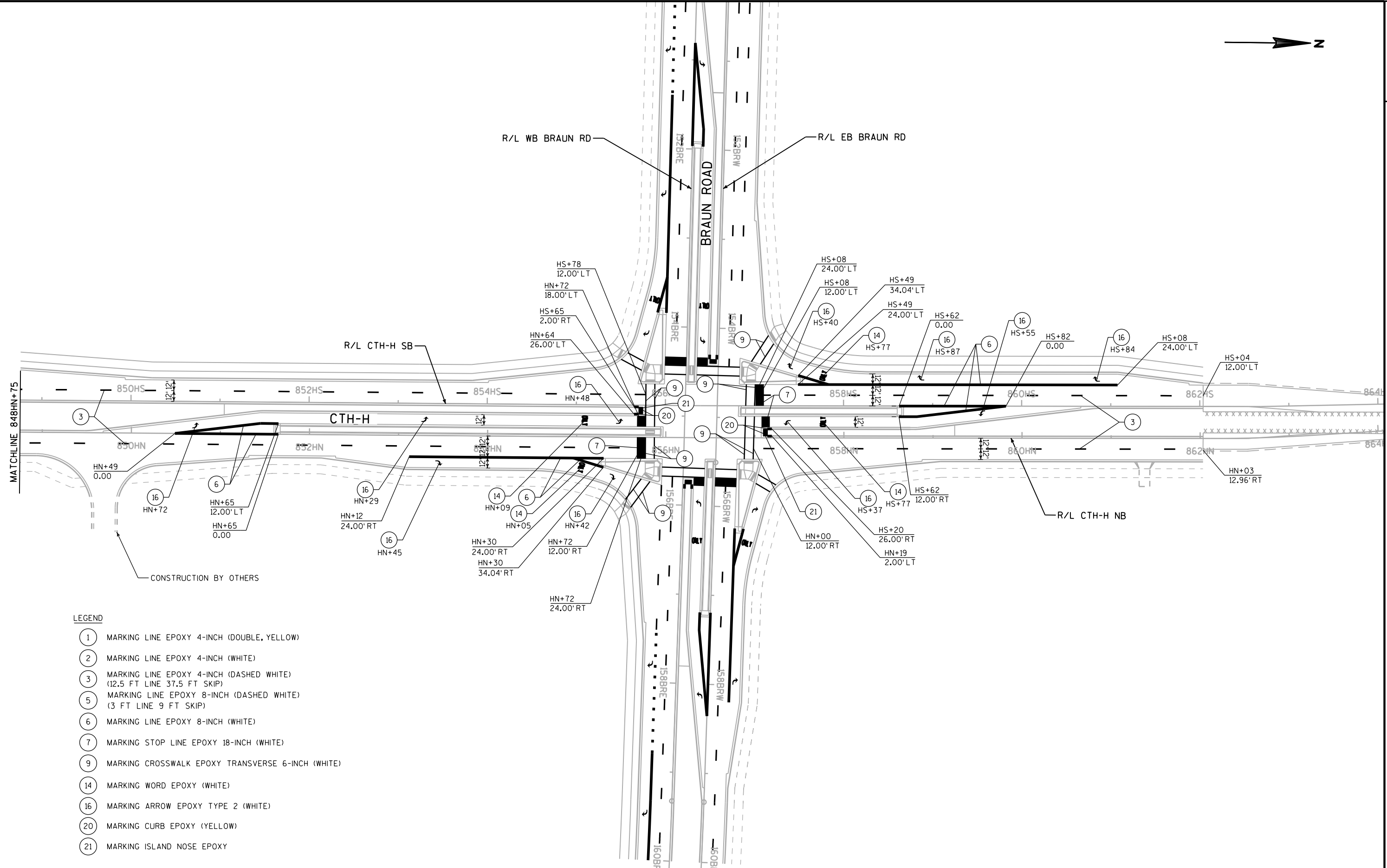


- LEGEND**
- ③ MARKING LINE EPOXY 4-INCH (DASHED WHITE)
(12.5 FT LINE 37.5 FT SKIP)
 - ⑥ MARKING LINE EPOXY 8-INCH (WHITE)
 - ⑦ MARKING STOP LINE EPOXY 18-INCH (WHITE)
 - ⑨ MARKING CROSSWALK EPOXY TRANSVERSE 6-INCH (WHITE)
 - ⑭ MARKING WORD EPOXY (WHITE)
 - ⑰ MARKING ARROW EPOXY TYPE 2 (WHITE)
 - ⑳ MARKING CURB EPOXY (YELLOW)
 - ㉑ MARKING ISLAND NOSE EPOXY



LEGEND

- (3) MARKING LINE EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)
- (6) MARKING LINE EPOXY 8-INCH (WHITE)
- (7) MARKING STOP LINE EPOXY 18-INCH (WHITE)
- (9) MARKING CROSSWALK EPOXY TRANSVERSE 6-INCH (WHITE)
- (14) MARKING WORD EPOXY (WHITE)
- (16) MARKING ARROW EPOXY TYPE 2 (WHITE)
- (20) MARKING CURB EPOXY (YELLOW)
- (21) MARKING ISLAND NOSE EPOXY

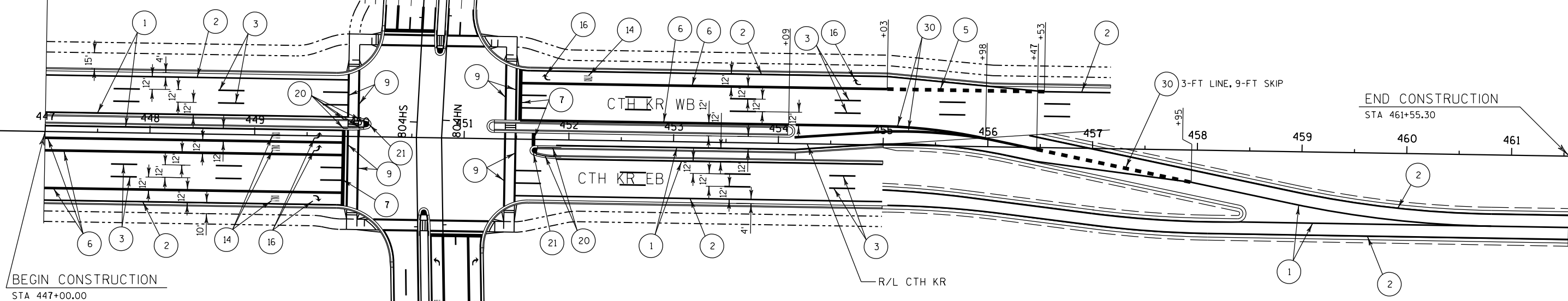


LEGEND

- 1 MARKING LINE EPOXY 4-INCH (DOUBLE, YELLOW)
- 2 MARKING LINE EPOXY 4-INCH (WHITE)
- 3 MARKING LINE EPOXY 4-INCH (DASHED WHITE)
(12.5 FT LINE 37.5 FT SKIP)
- 5 MARKING LINE EPOXY 8-INCH (DASHED WHITE)
(3 FT LINE 9 FT SKIP)
- 6 MARKING LINE EPOXY 8-INCH (WHITE)
- 7 MARKING STOP LINE EPOXY 18-INCH (WHITE)
- 9 MARKING CROSSWALK EPOXY TRANSVERSE 6-INCH (WHITE)
- 14 MARKING WORD EPOXY (WHITE)
- 16 MARKING ARROW EPOXY TYPE 2 (WHITE)
- 20 MARKING CURB EPOXY (YELLOW)
- 21 MARKING ISLAND NOSE EPOXY



PROJECT ID
3763-00-73
BY OTHERS

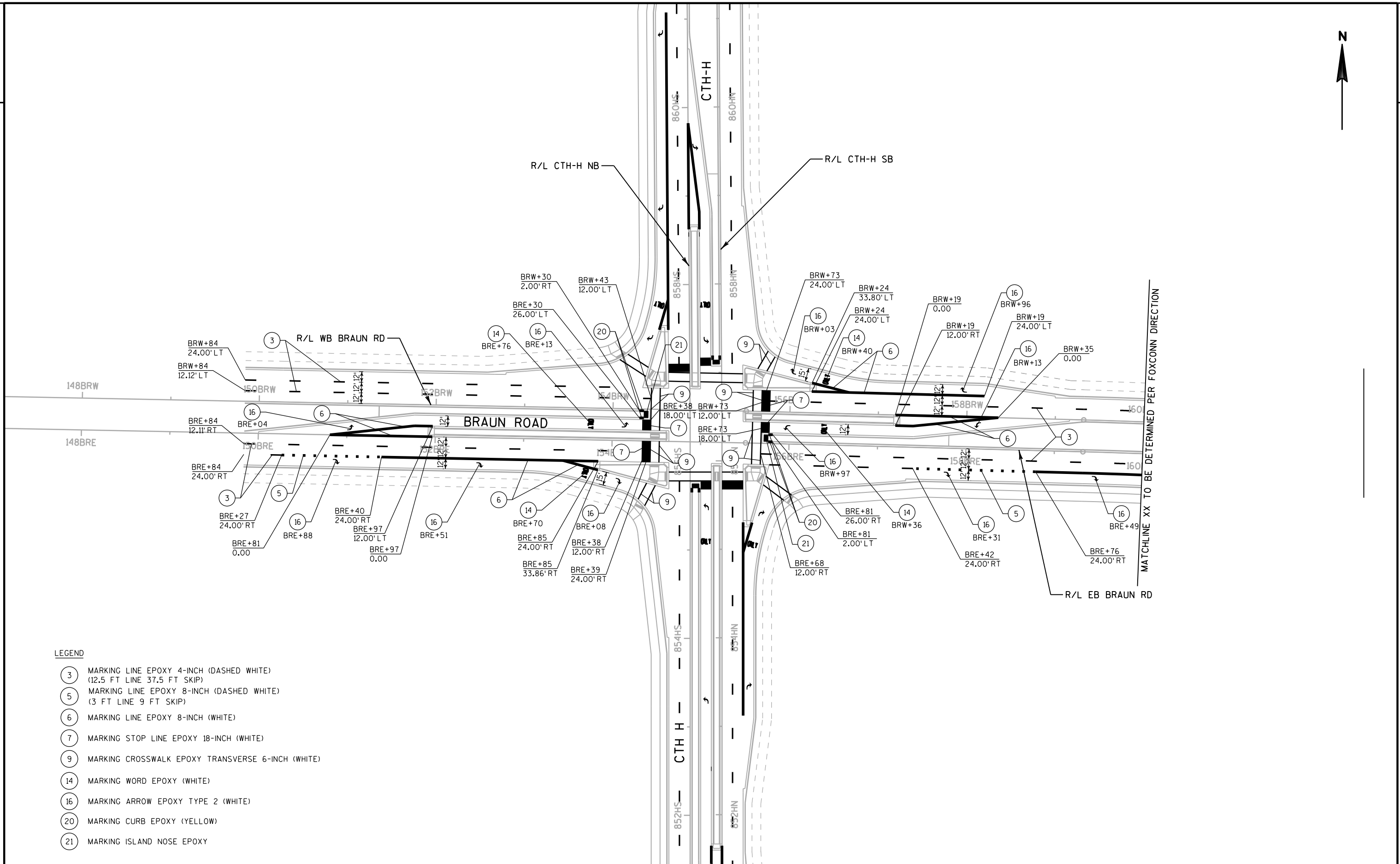


BEGIN CONSTRUCTION
STA 447+00.00

END CONSTRUCTION
STA 461+55.30

LEGEND

- ① MARKING LINE EPOXY 4-INCH (YELLOW)
- ② MARKING LINE EPOXY 4-INCH (WHITE)
- ③ MARKING LINE GROOVED WET REFLECTIVE CONTRAST EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)
- ④ MARKING LINE GROOVED WET REFLECTIVE CONTRAST EPOXY 8-INCH (DOT PATTERN WHITE) (3 FT LINE 9 FT SKIP)
- ⑤ MARKING LINE GROOVED WET REFLECTIVE CONTRAST EPOXY 8-INCH (WHITE)
- ⑥ MARKING STOP LINE EPOXY 18-INCH (WHITE)
- ⑦ MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
- ⑧ MARKING DIAGONAL EPOXY 12-INCH
- ⑨ MARKING WORD EPOXY (WHITE)
- ⑩ MARKING ARROW EPOXY (WHITE)
- ⑪ MARKING ISLAND NOSE EPOXY
- ⑫ TEMPORARY MARKING LINE PAINT 8-INCH (WHITE)
















MATCHLINE XX TO BE DETERMINED PER FOXCONN DIRECTION

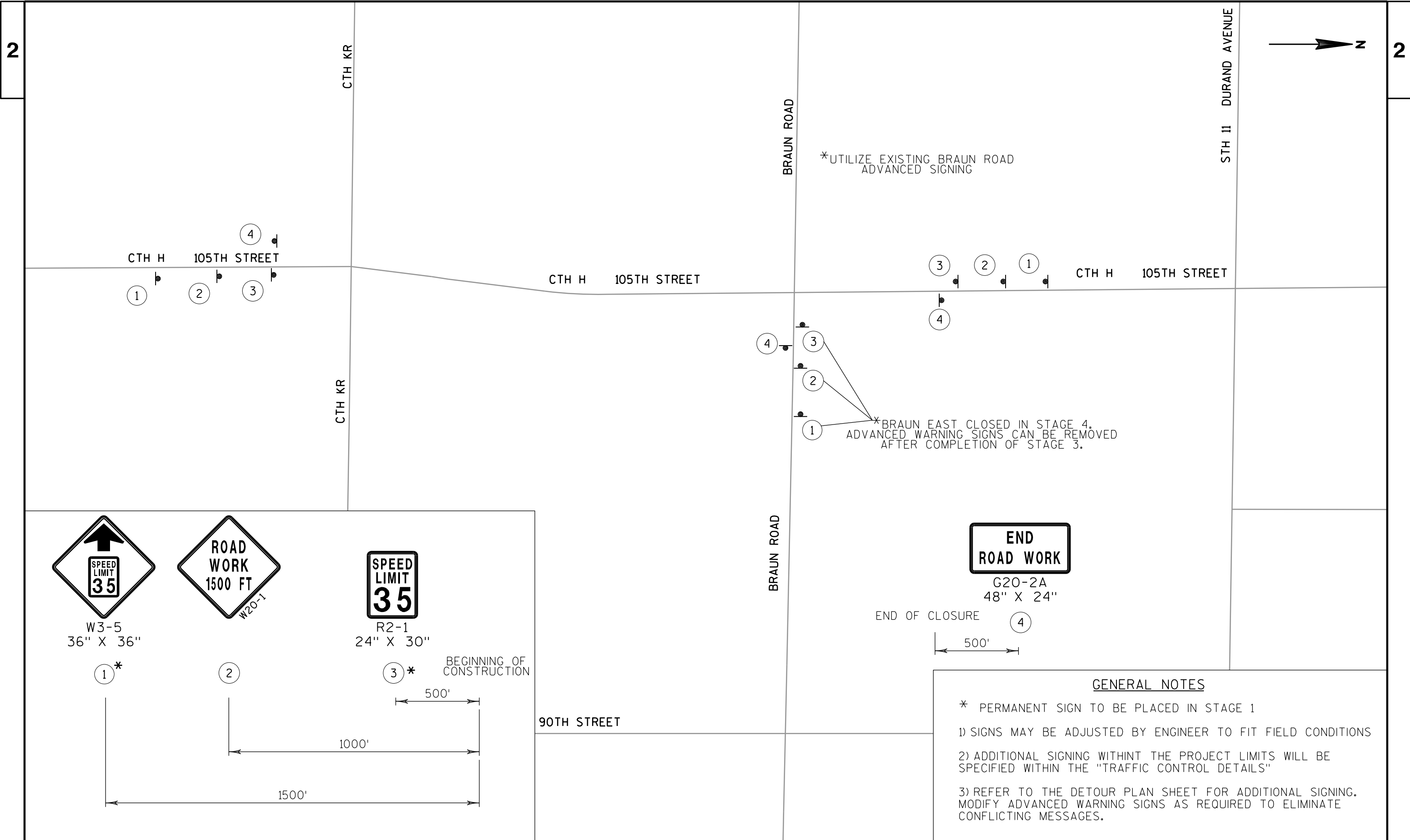
- LEGEND**
- ③ MARKING LINE EPOXY 4-INCH (DASHED WHITE)
(12.5 FT LINE 37.5 FT SKIP)
 - ⑤ MARKING LINE EPOXY 8-INCH (DASHED WHITE)
(3 FT LINE 9 FT SKIP)
 - ⑥ MARKING LINE EPOXY 8-INCH (WHITE)
 - ⑦ MARKING STOP LINE EPOXY 18-INCH (WHITE)
 - ⑨ MARKING CROSSWALK EPOXY TRANSVERSE 6-INCH (WHITE)
 - ⑭ MARKING WORD EPOXY (WHITE)
 - ⑰ MARKING ARROW EPOXY TYPE 2 (WHITE)
 - ⑳ MARKING CURB EPOXY (YELLOW)
 - ㉑ MARKING ISLAND NOSE EPOXY

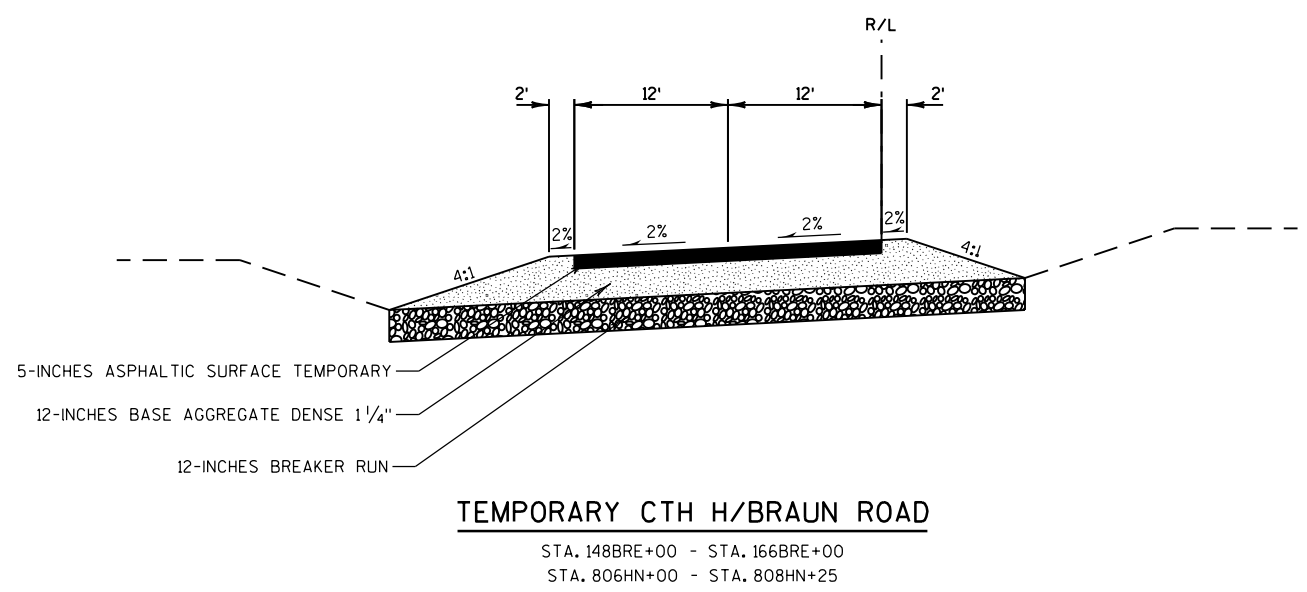
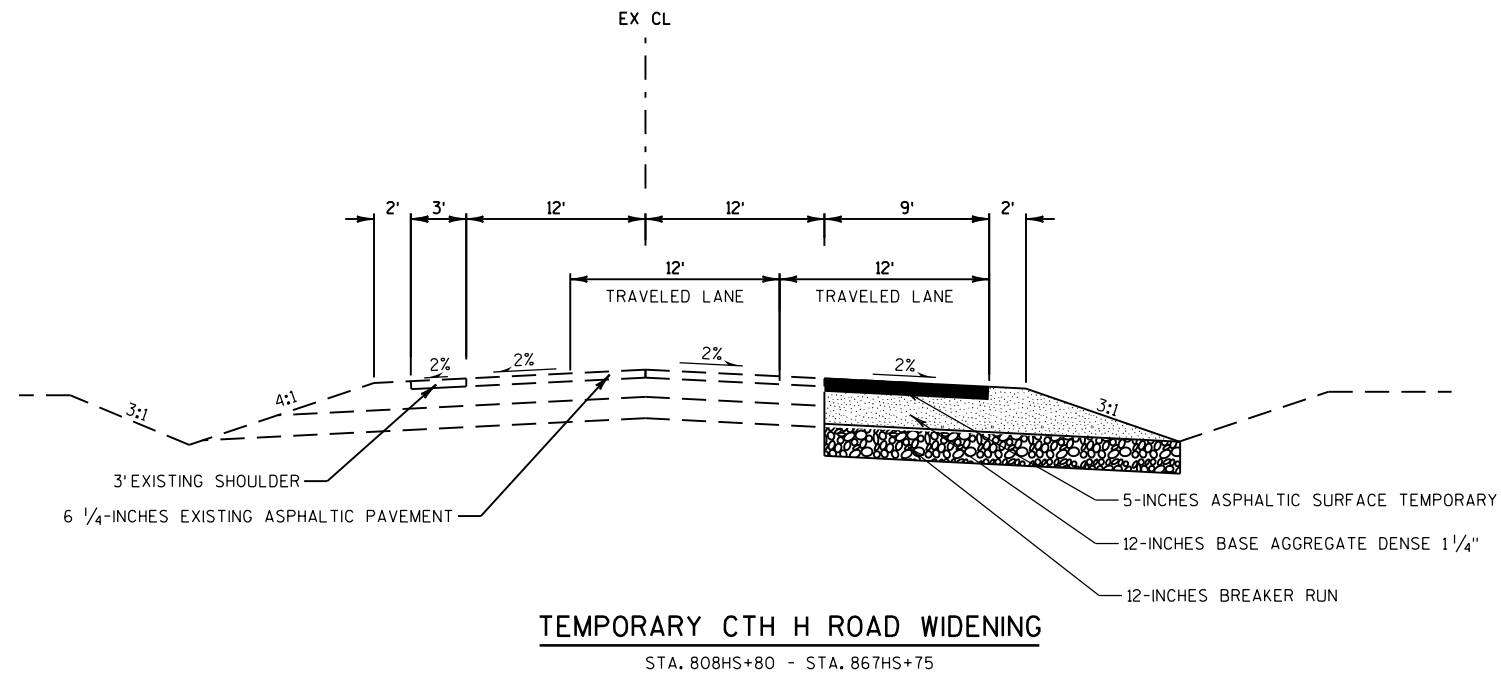
GENERAL NOTES FOR TRAFFIC CONTROL

- 1) THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGN DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
- 2) "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.
- 3) FOR NIGHTTIME OPERATION, ALL DRUMS IN TAPERS SHALL HAVE A TYPE C STEADY BURN WARNING LIGHT.
- 4) TRAFFIC CONTROL ITEMS THAT ARE SHOW SCREENED ARE PLACED IN PREVIOUS STAGES AND ARE DISPLAYED FOR REFERENCE ONLY.
- 5) ALL TYPE III BARRICADES SHALL BE 8' WIDE, UNLESS OTHERWISE NOTED, AND EQUIPPED WITH TWO TYPE A (LOW INTENSITY FLASHING) LIGHTS.
- 6) SEE REMOVAL SHEETS FOR REMOVAL INFORMATION.
- 7) ALL PAVEMENT MARKING STATIONING IN TRAFFIC CONTROL PLANS HAVE THE PREFIX OF THE ALIGNMENT THAT IT IS MEASURED OFF OF.
- 8) REMOVING PAVEMENT MARKING ON EXISTING AND NEW PAVEMENT USES THE STANDARD BID ITEM.
- 9) PROPOSED SIGNING TO BE INSTALLED WITH RESPECTIVE STAGE. FIELD ENGINEER TO DESIGNATE APPROPRIATE SIGNS TO COVER.
- 10) ALL FIXED MESSAGE SIGNS SHALL BE BLACK NON-REFLECTIVE MESSAGE ON STANDARD REFLECTIVE SHEETING - REFERENCE: "WISCONSIN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION", LATEST EDITION.
- 11) SEE FIXED MESSAGE SIGN CONSTRUCTION DETAIL SHEETS FOR MORE INFORMATION.

TRAFFIC CONTROL LEGEND

-  BASE AGGREGATE DENSE 1 1/4-INCH
-  ASPHALTIC SURFACE TEMPORARY, 5-INCH
-  HMA PAVEMENT 4 MT 58-28 S (2-INCH UPPER LAYER)
HMA PAVEMENT 3 MT 58-28 S (3-INCH UPPER LAYER)
-  TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
-  TEMPORARY MARKING LINE EPOXY 8-INCH (YELLOW)
-  TEMPORARY MARKING STOP LINE EPOXY 18-INCH (WHITE)
-  TRAFFIC FLOW ARROW
-  WORK ZONE
-  TRAFFIC CONTROL BARRICADE TYPE III WITH LIGHTS TYPE A
-  TRAFFIC CONTROL BARRICADE TYPE III WITH LIGHTS TYPE A AND ATTACHED SIGN
-  TRAFFIC CONTROL SIGN ON PERMANENT SUPPORT
-  TRAFFIC CONTROL DRUM
-  TRAFFIC CONTROL DRUM WITH LIGHT

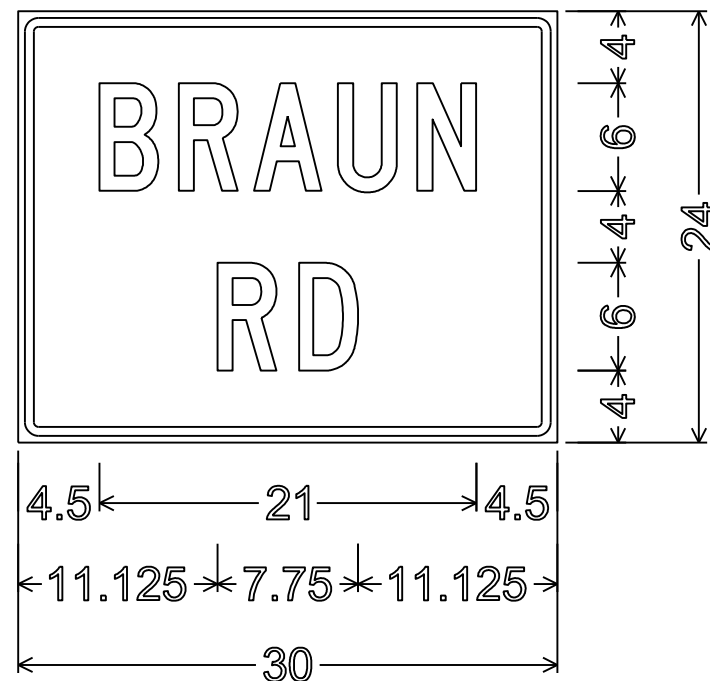




- NOTES:
- 1 - SEE TYPICAL FINISHED SECTIONS FOR EAST END TIE-IN
 - 2 - SEE TRAFFIC CONTROL DETAILS FOR HMA GRADATION SPECIFICS
 - 3 - SEE GENERAL NOTES FOR HMA GRADATION SPECIFICS

NOTES

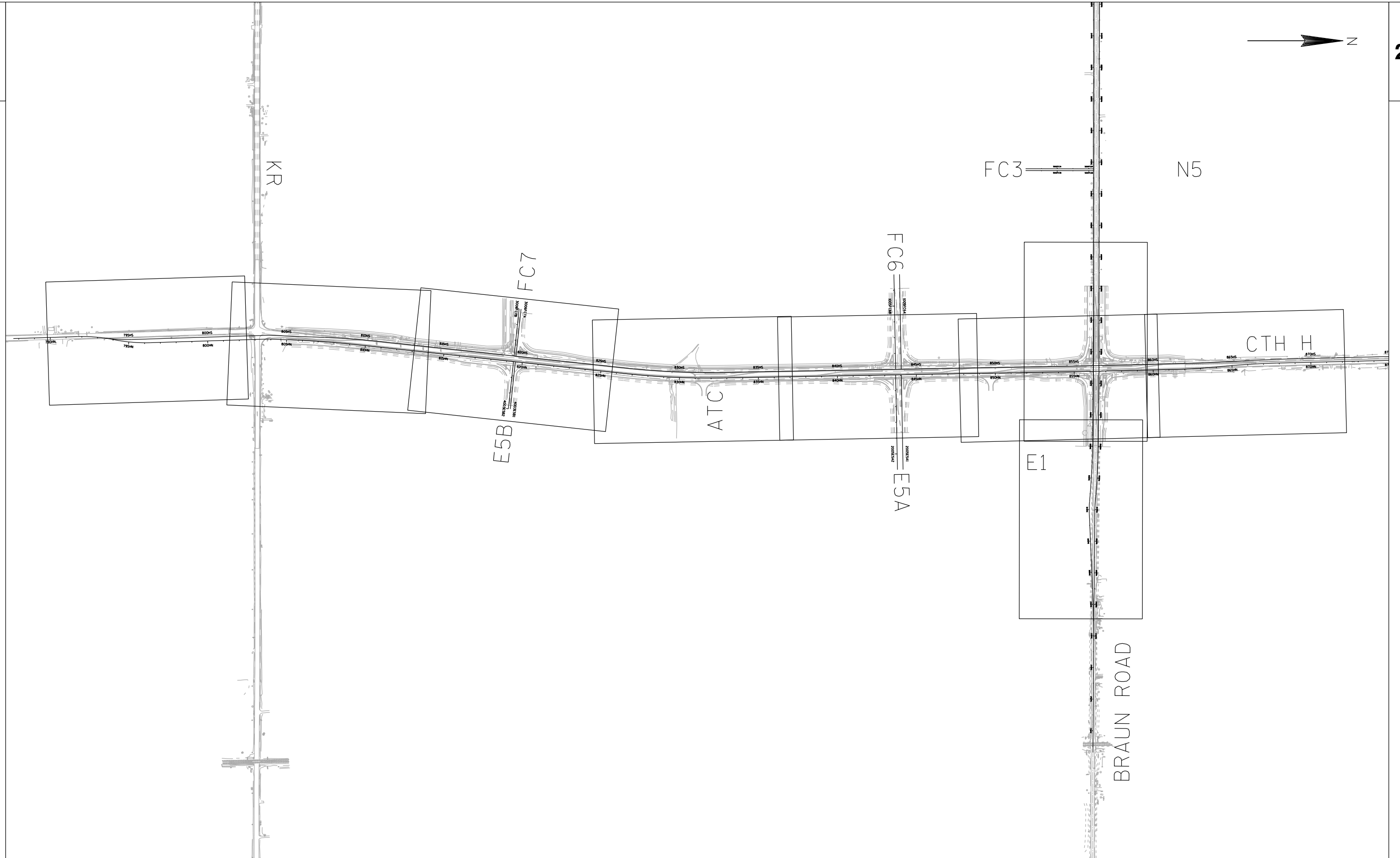
1. All Signs Type II - Type F Reflective
2. Color:
Background - Orange
Message - Black
3. Message Series - C



1.125" Radius, 0.500" Border, 0.375" Indent

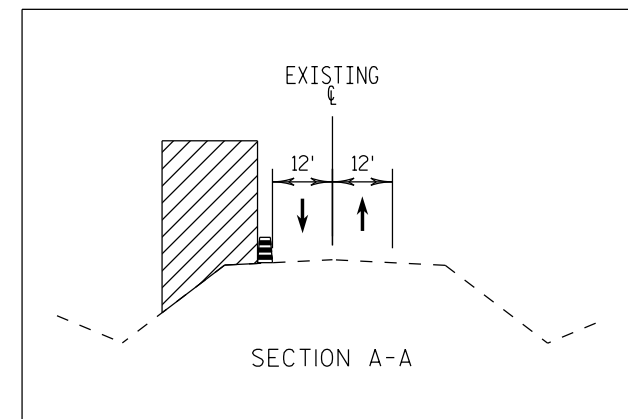
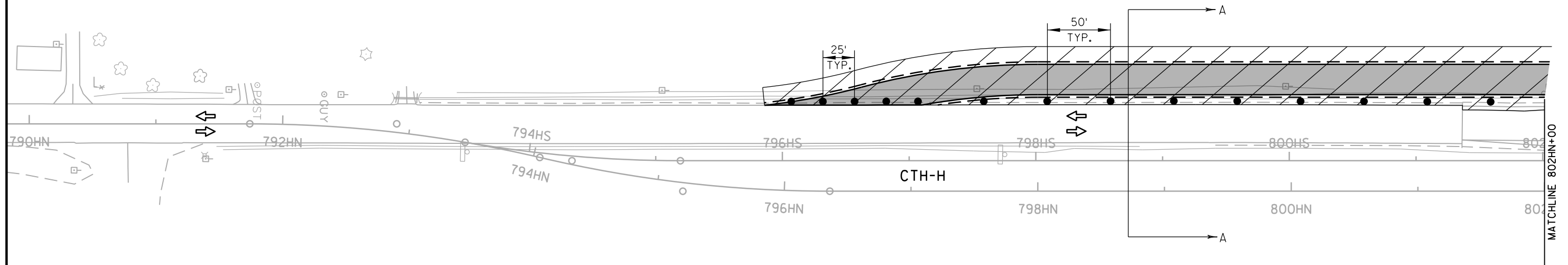
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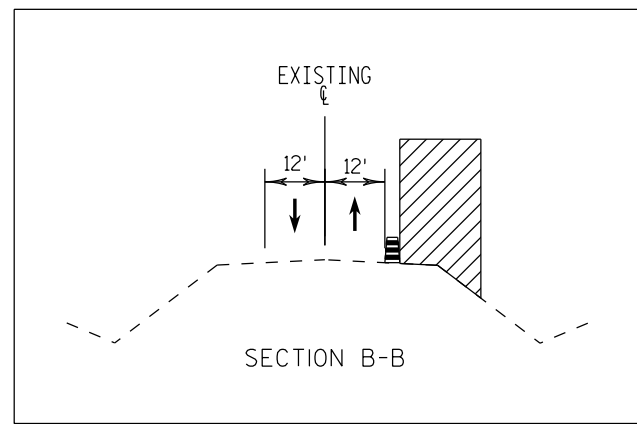
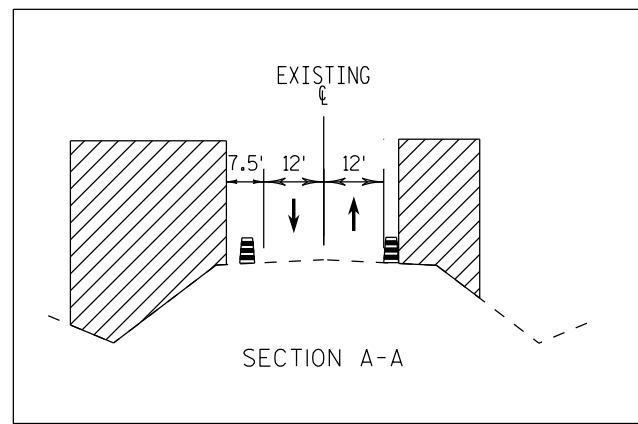
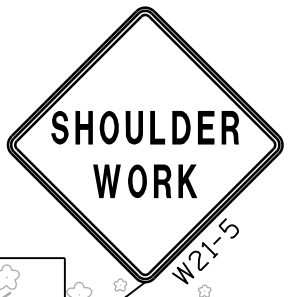
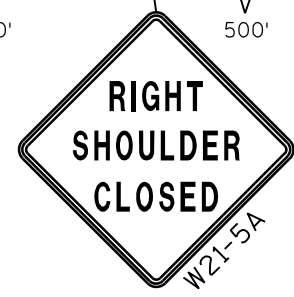
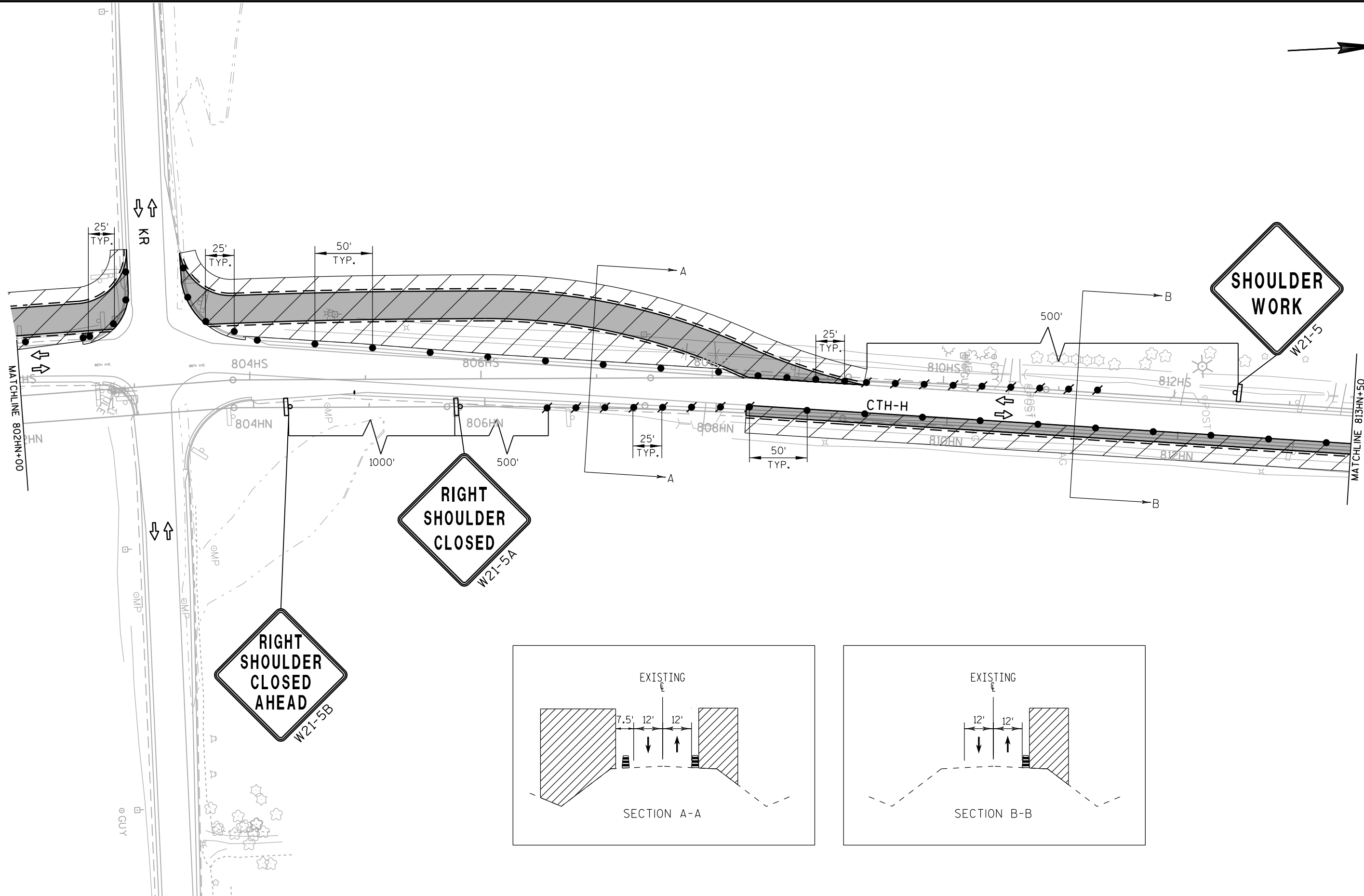
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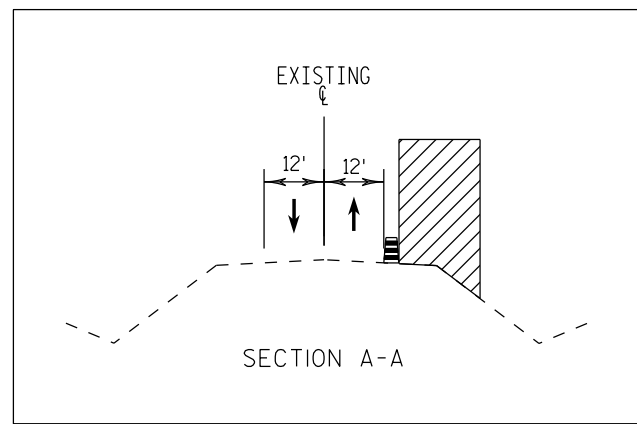
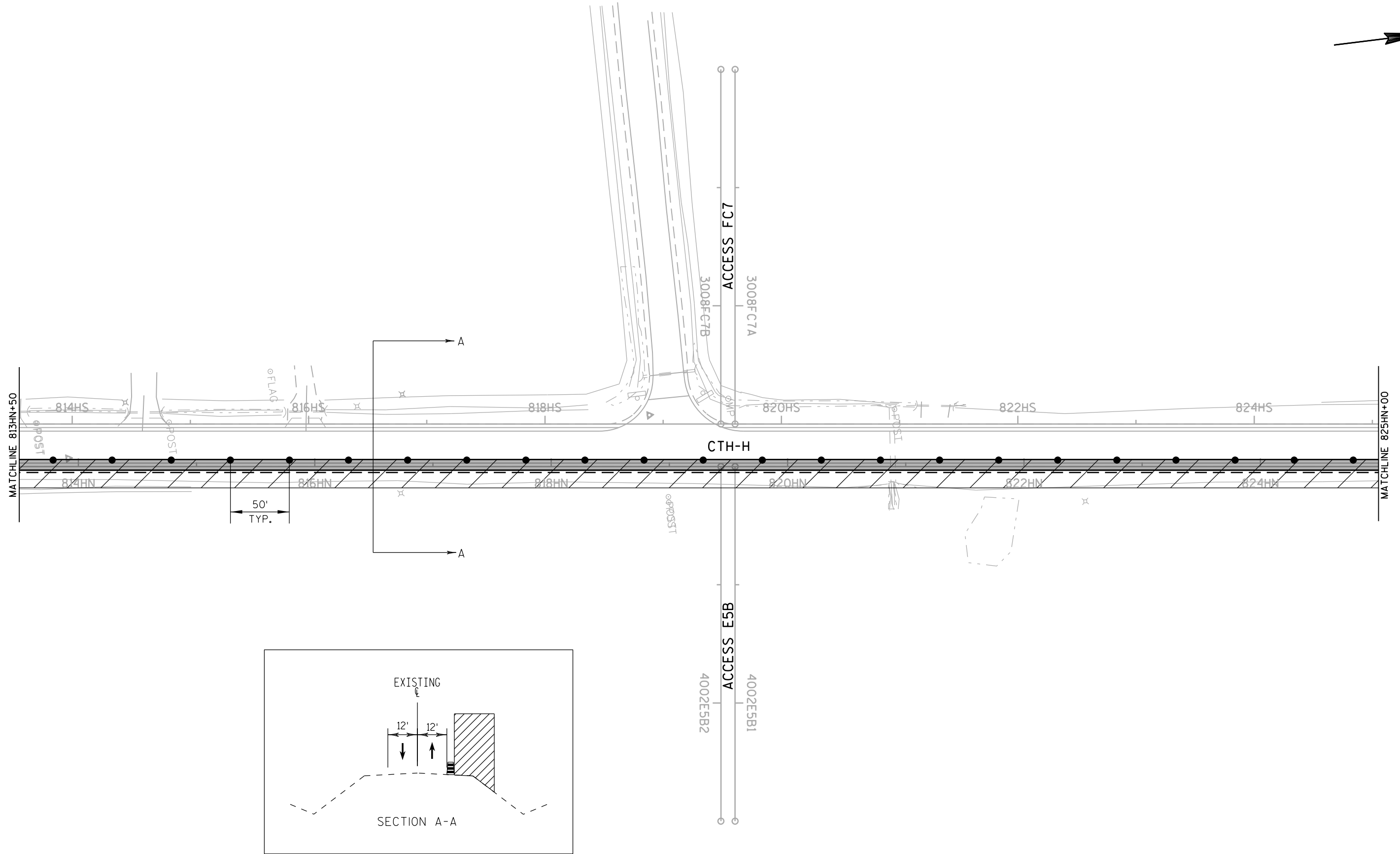


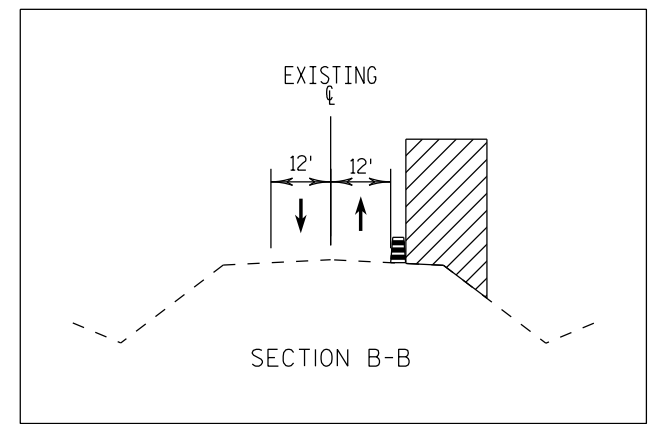
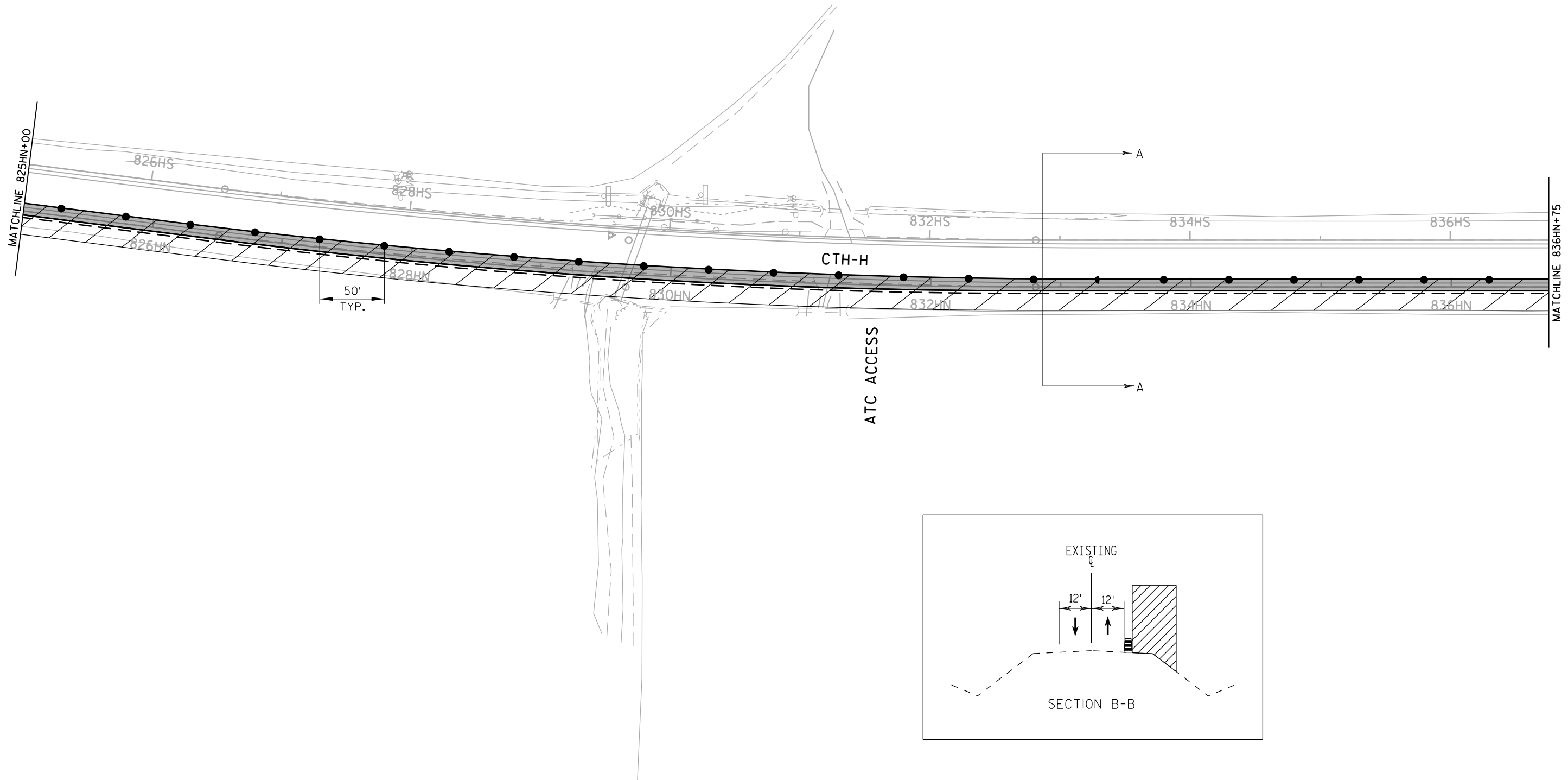
PROJECT NO: 3760-00-70	HWY: CTH-H	COUNTY: RACINE	TRAFFIC CONTROL: STAGE 1 OVERVIEW MAP	SHEET	E
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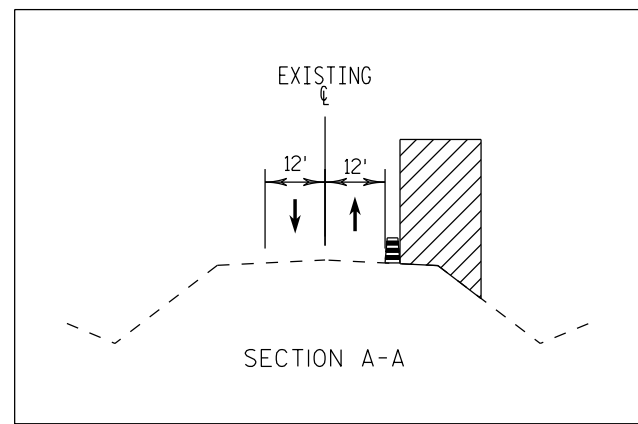
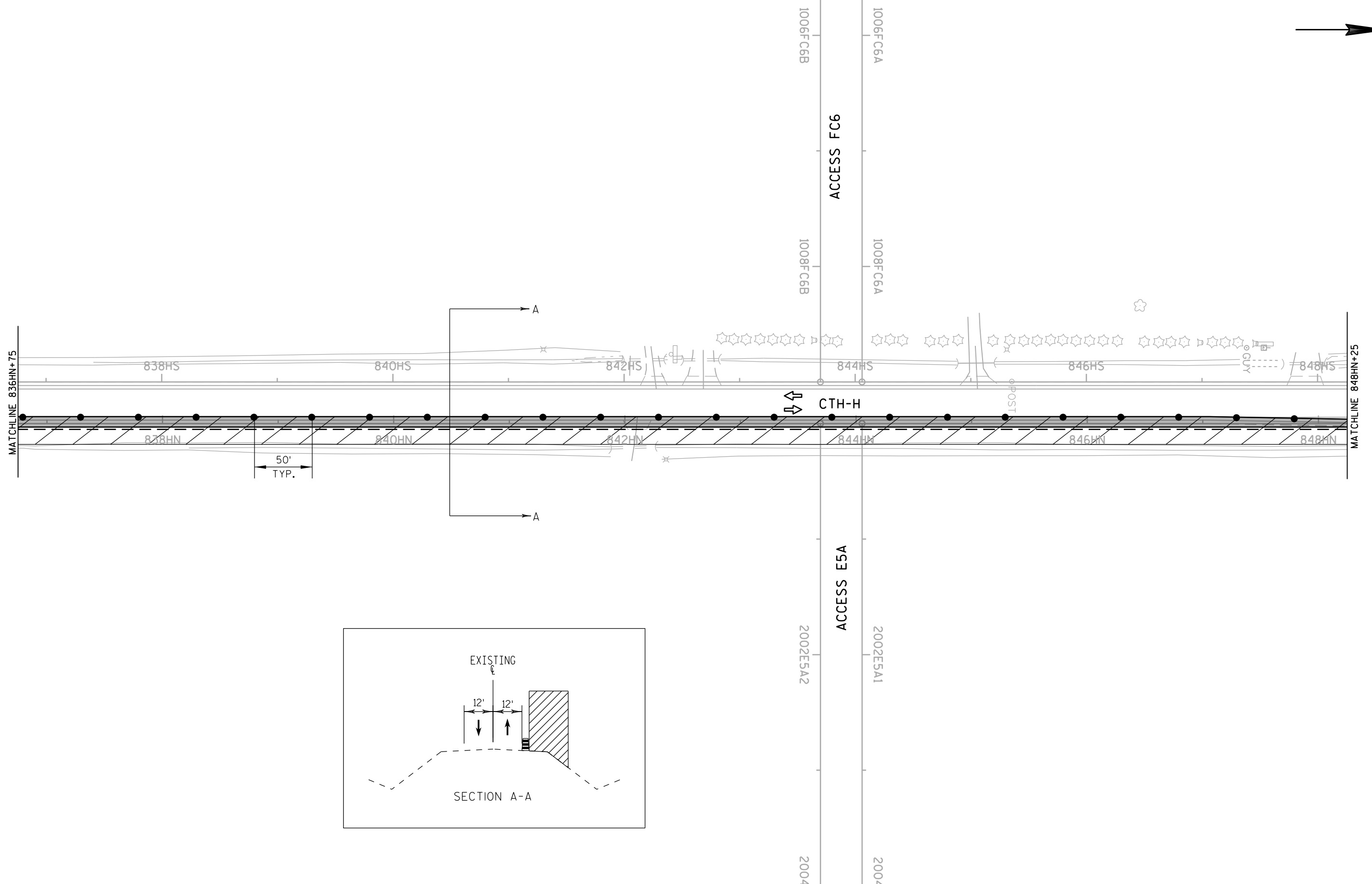
*SEE TRAFFIC CONTROL GENERAL NOTES FOR ADVANCED SIGNING

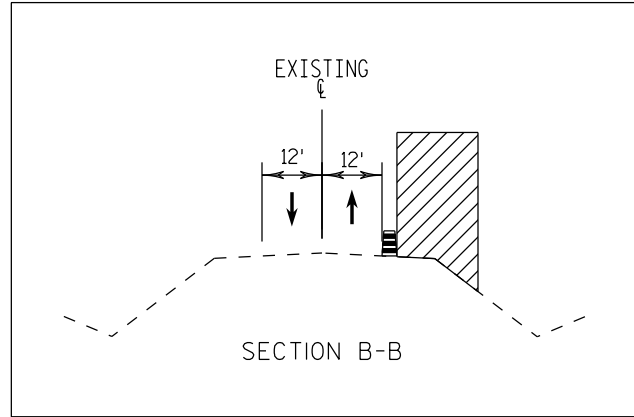
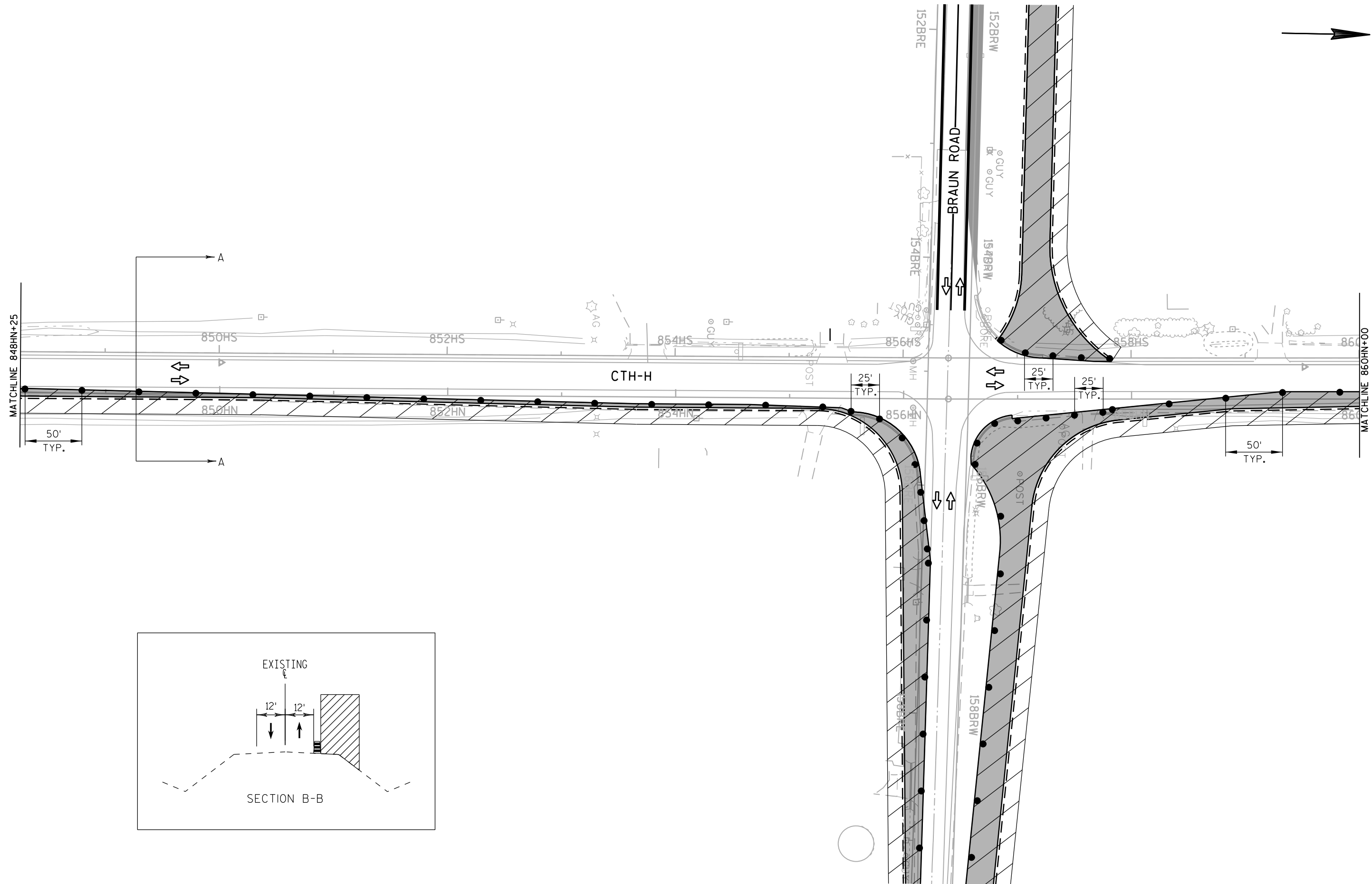




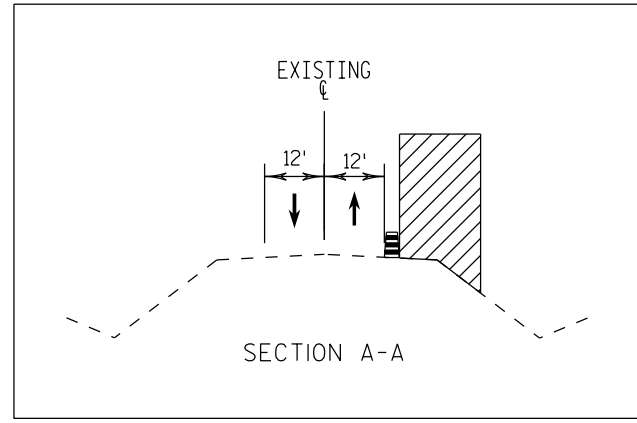
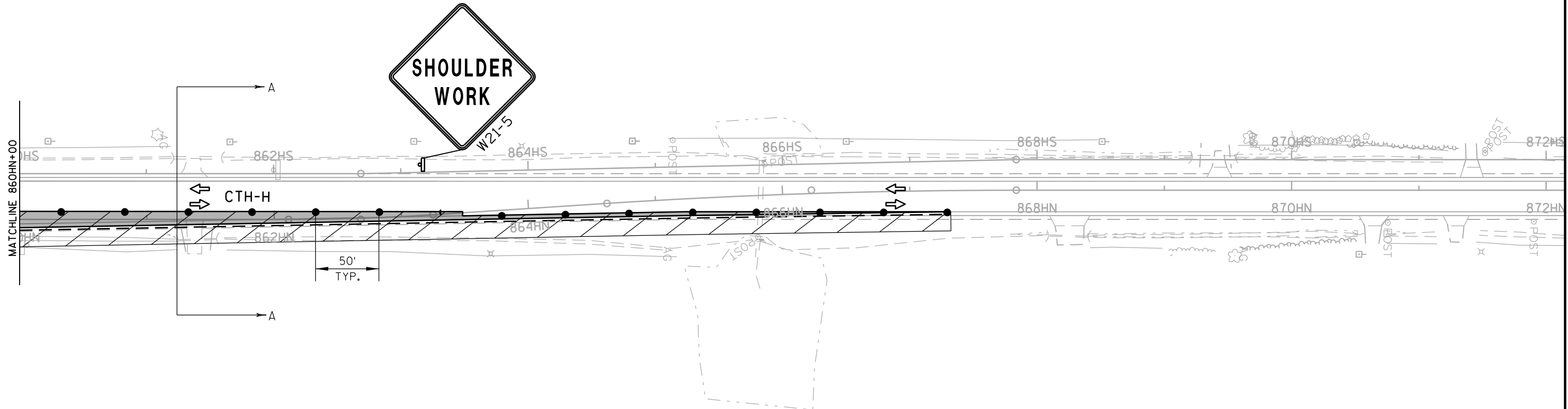




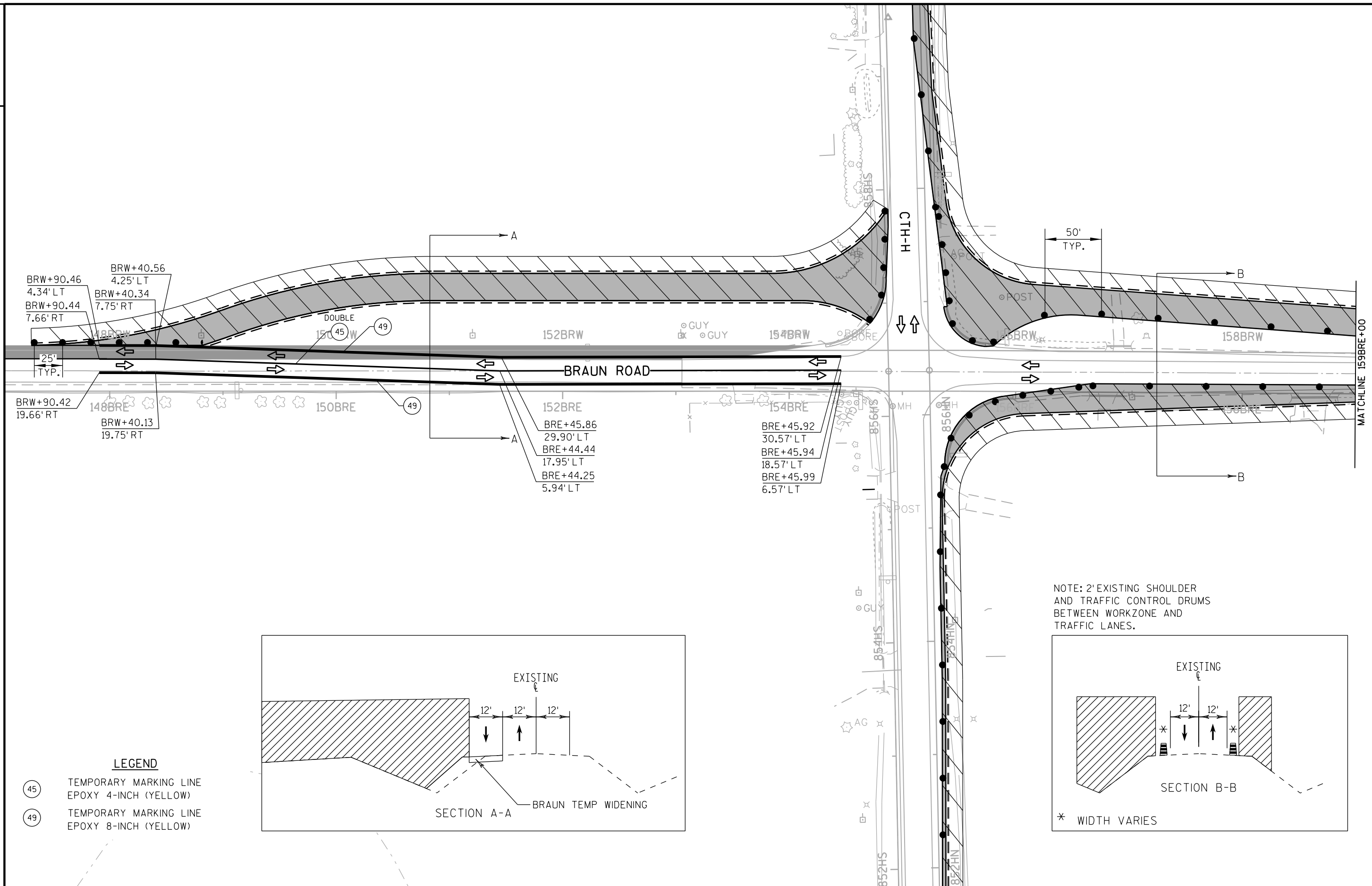




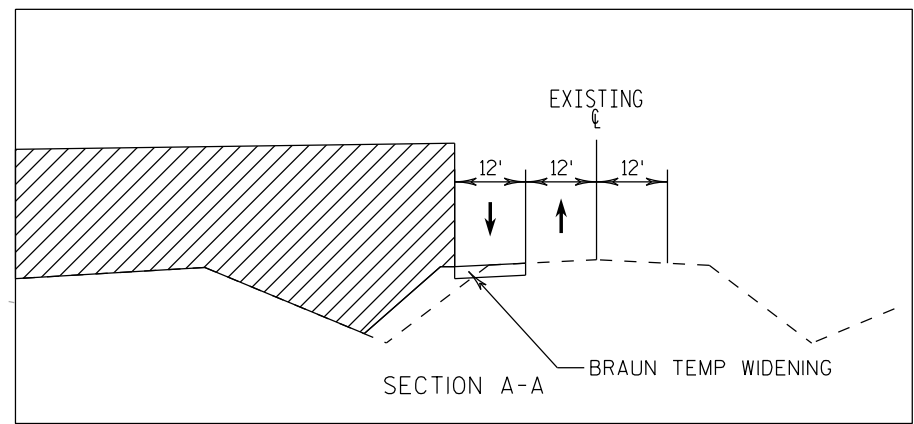
*SEE TRAFFIC CONTROL GENERAL NOTES FOR ADVANCED SIGNING



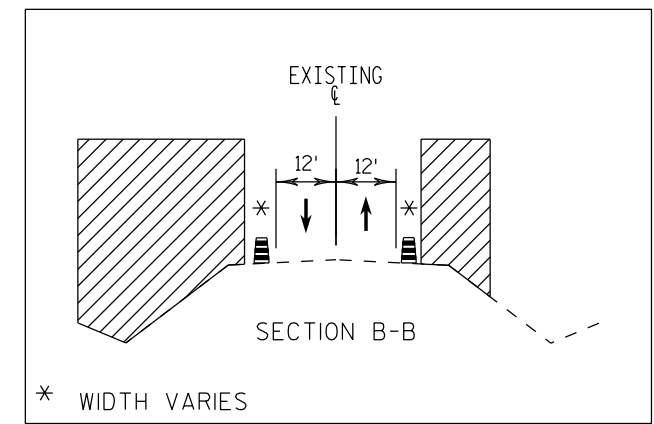
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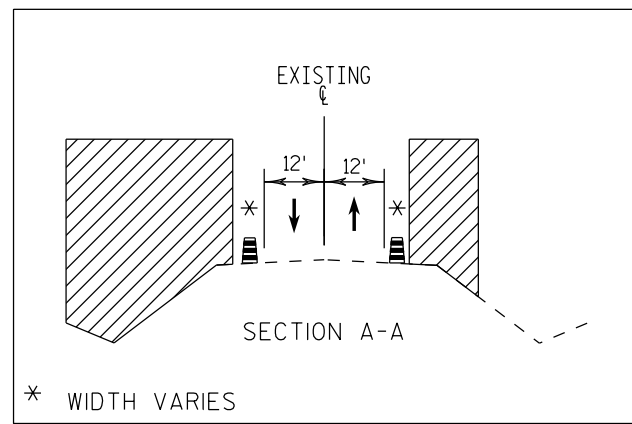
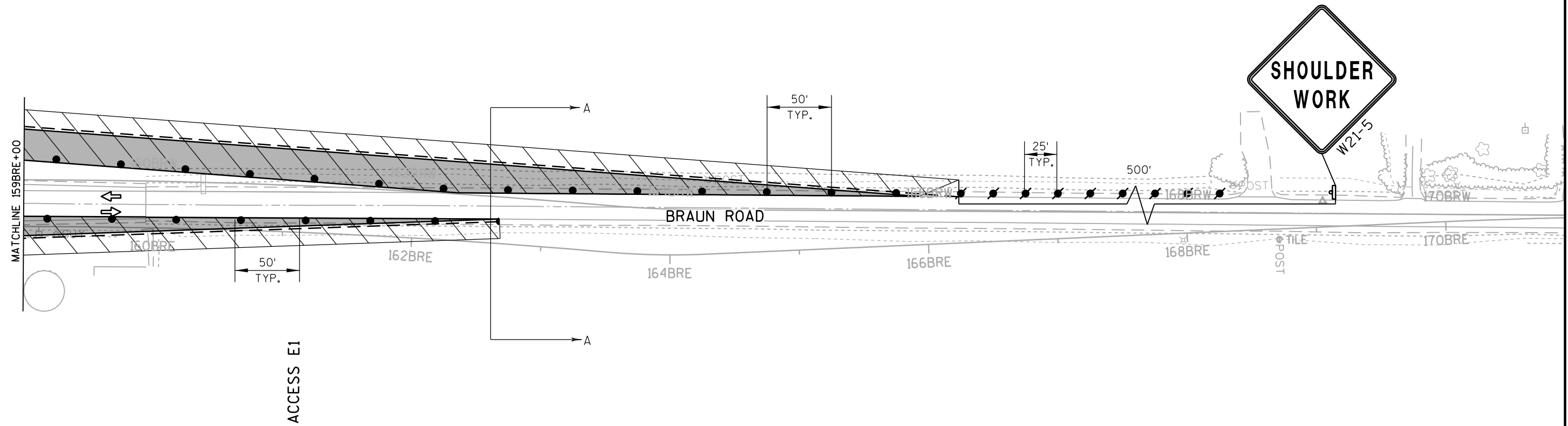
- LEGEND**
- (45) TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
 - (49) TEMPORARY MARKING LINE EPOXY 8-INCH (YELLOW)



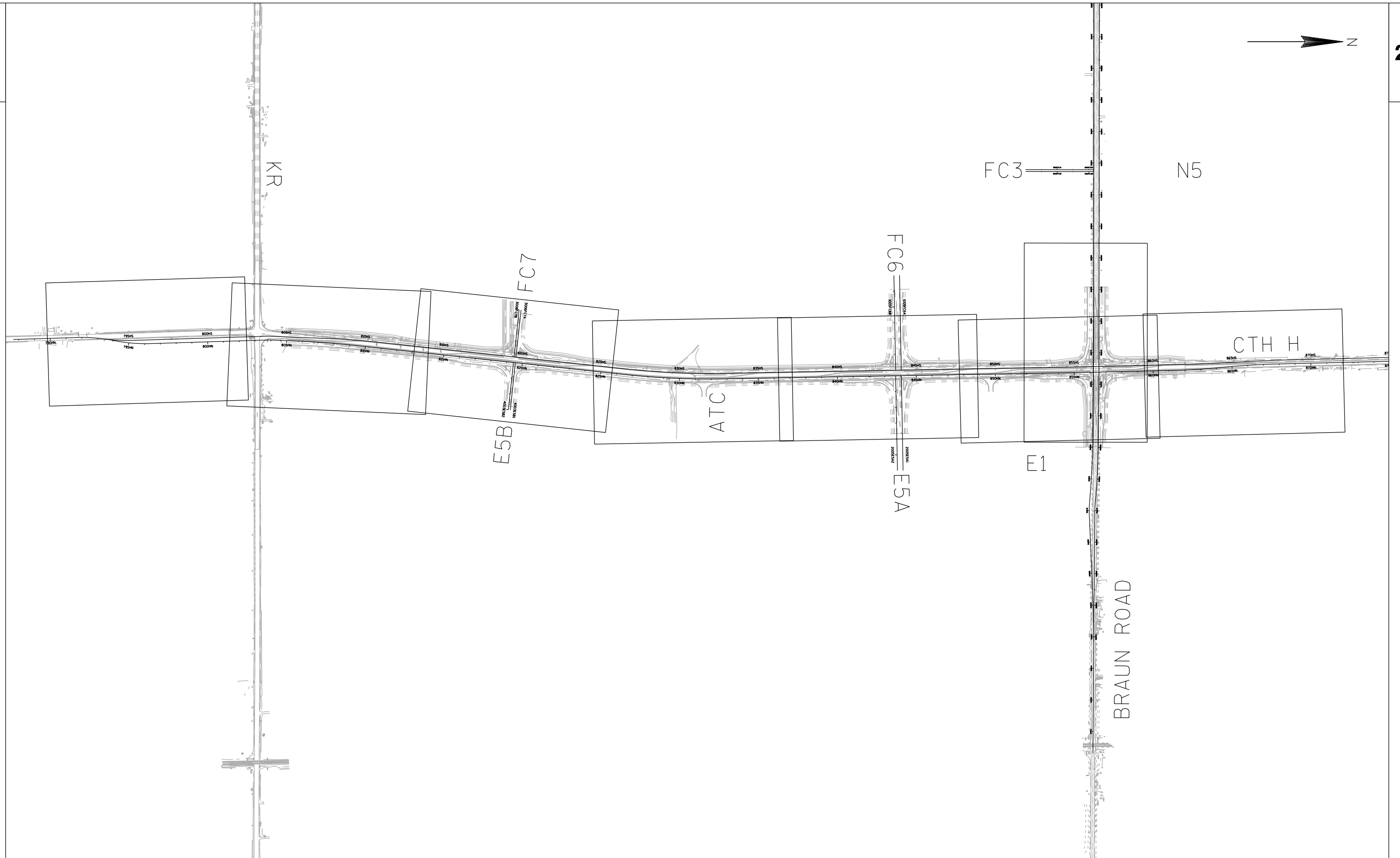
NOTE: 2' EXISTING SHOULDER AND TRAFFIC CONTROL DRUMS BETWEEN WORKZONE AND TRAFFIC LANES.



*SEE TRAFFIC CONTROL GENERAL NOTES FOR ADVANCED SIGNING

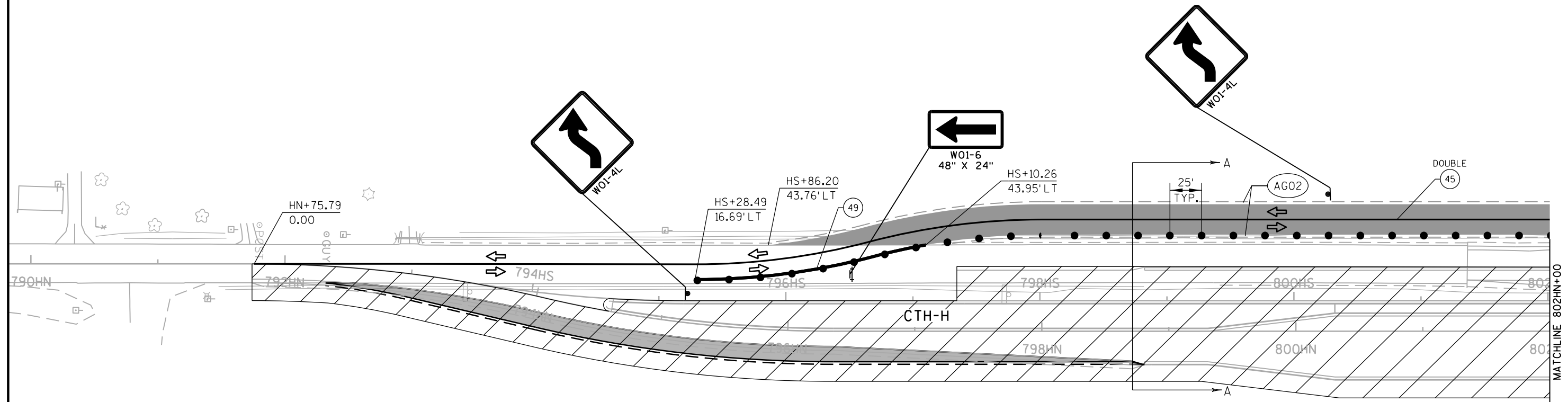


NOTE: 2' EXISTING SHOULDER AND TRAFFIC CONTROL DRUMS BETWEEN WORKZONE AND TRAFFIC LANES.



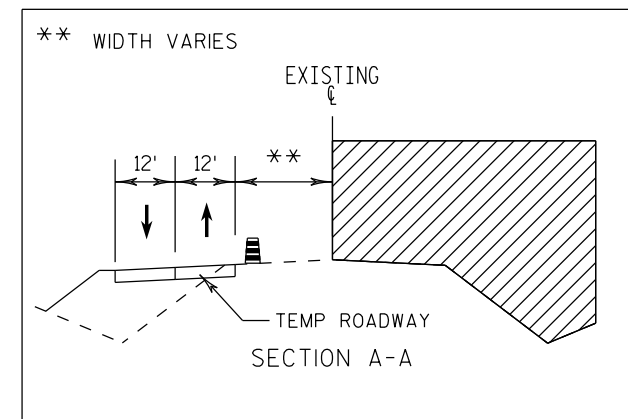
PROJECT NO: 3760-00-70	HWY: CTH-H	COUNTY: RACINE	TRAFFIC CONTROL: STAGE 2A OVERVIEW MAP	SHEET E
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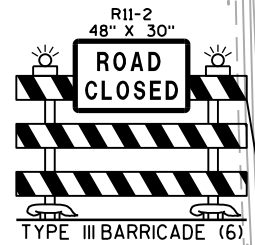
*SEE TRAFFIC CONTROL GENERAL NOTES FOR ADVANCED SIGNING



LEGEND

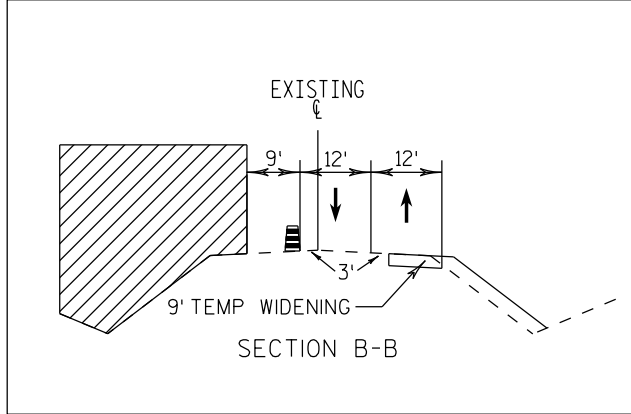
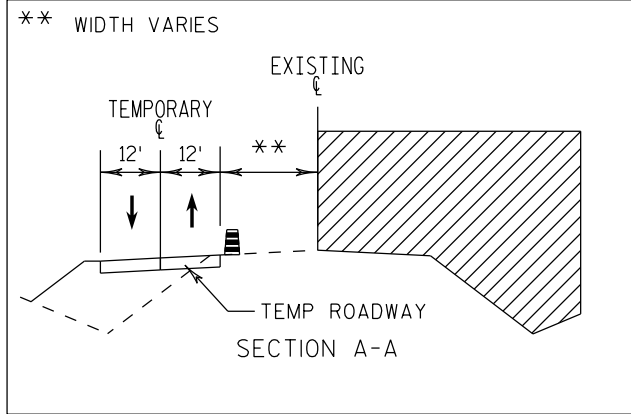
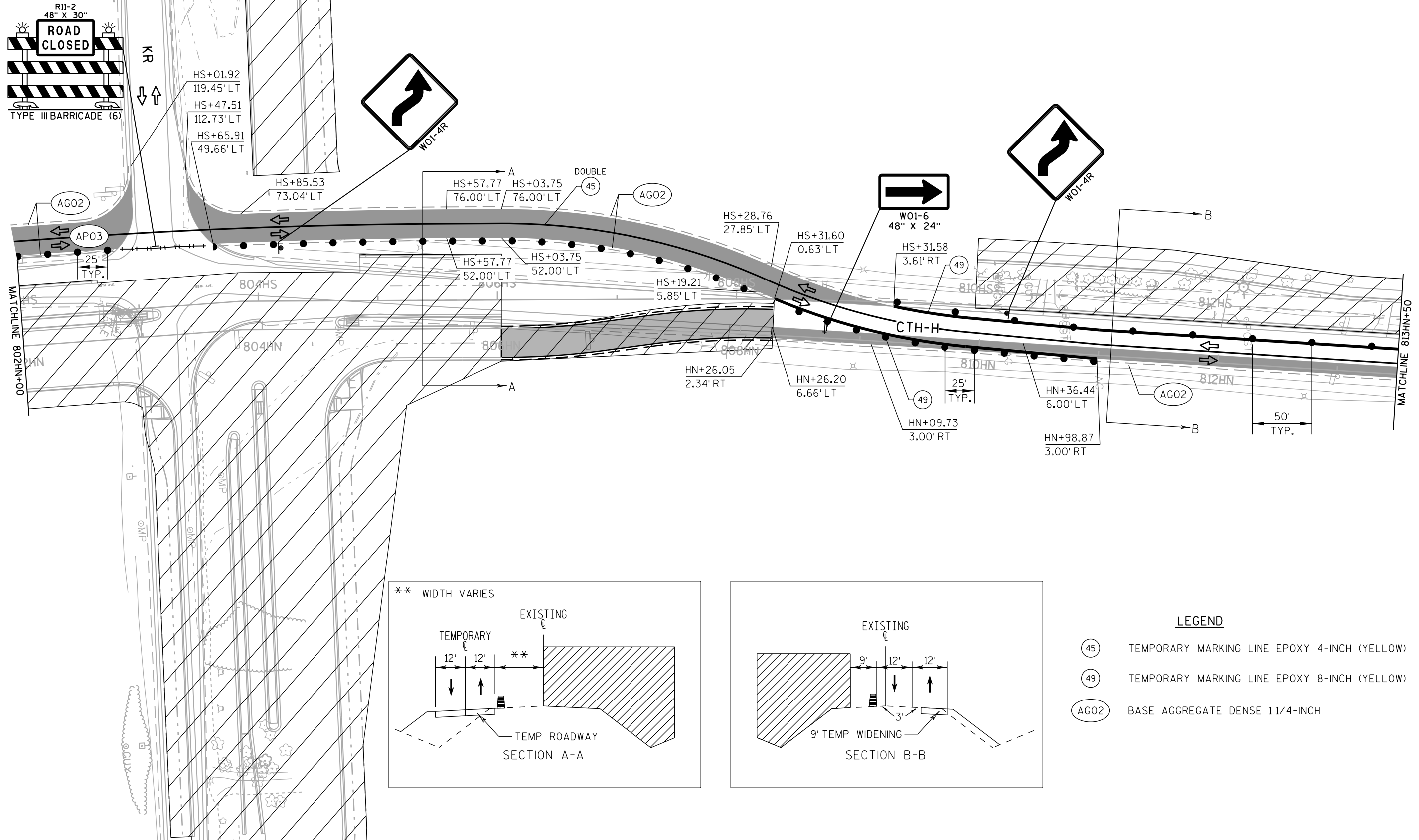
- (45) TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
- (49) TEMPORARY MARKING LINE EPOXY 8-INCH (YELLOW)
- AG02 BASE AGGREGATE DENSE 1 1/4-INCH





MATCHLINE 802HN+00

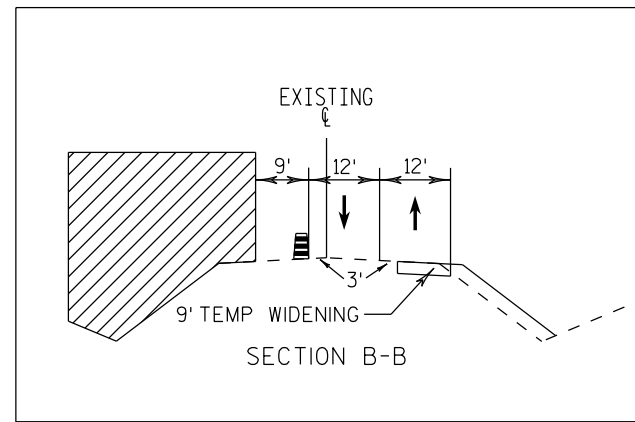
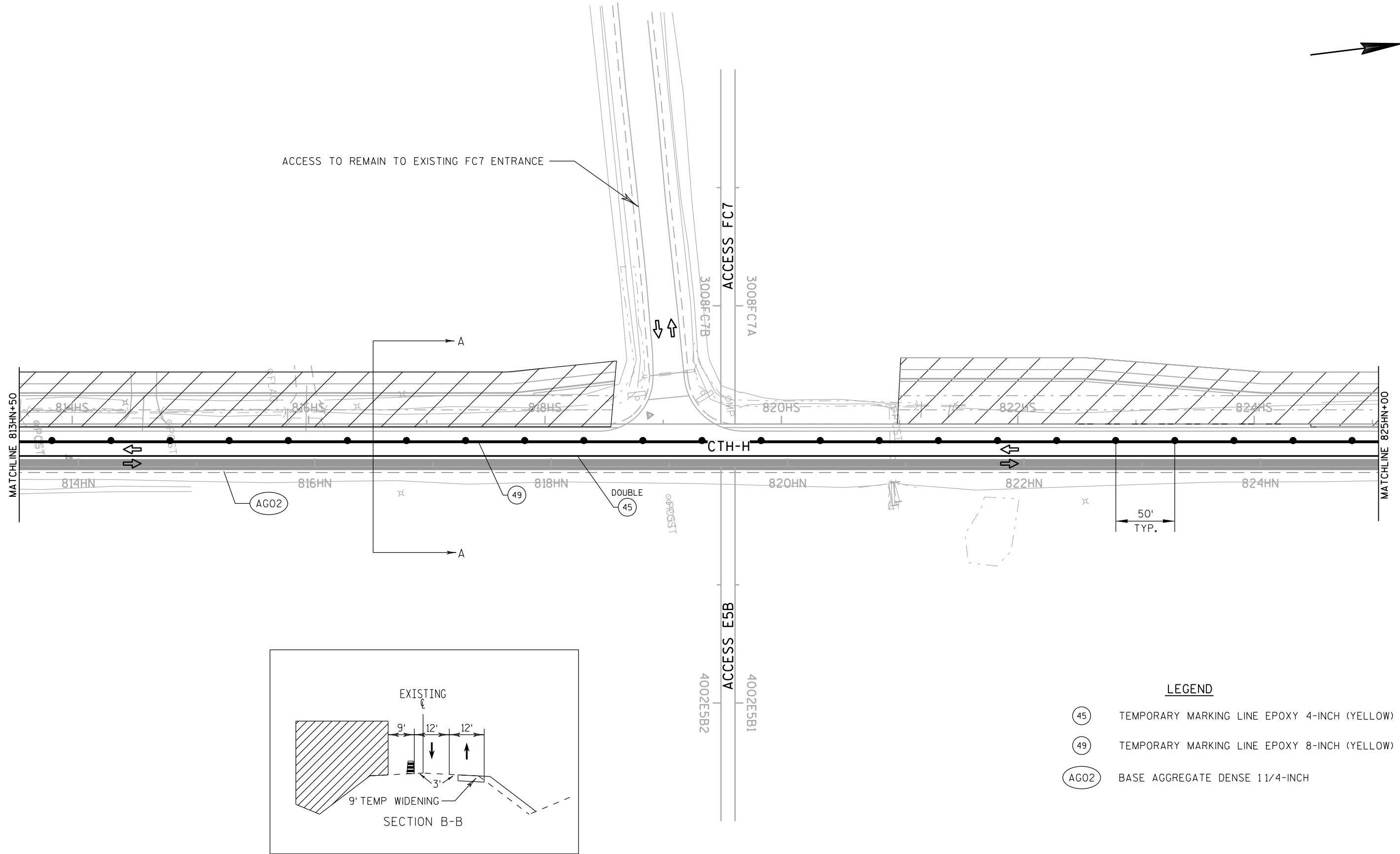
MATCHLINE 813HN+50



- LEGEND**
- (45) TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
 - (49) TEMPORARY MARKING LINE EPOXY 8-INCH (YELLOW)
 - (AG02) BASE AGGREGATE DENSE 1 1/4-INCH

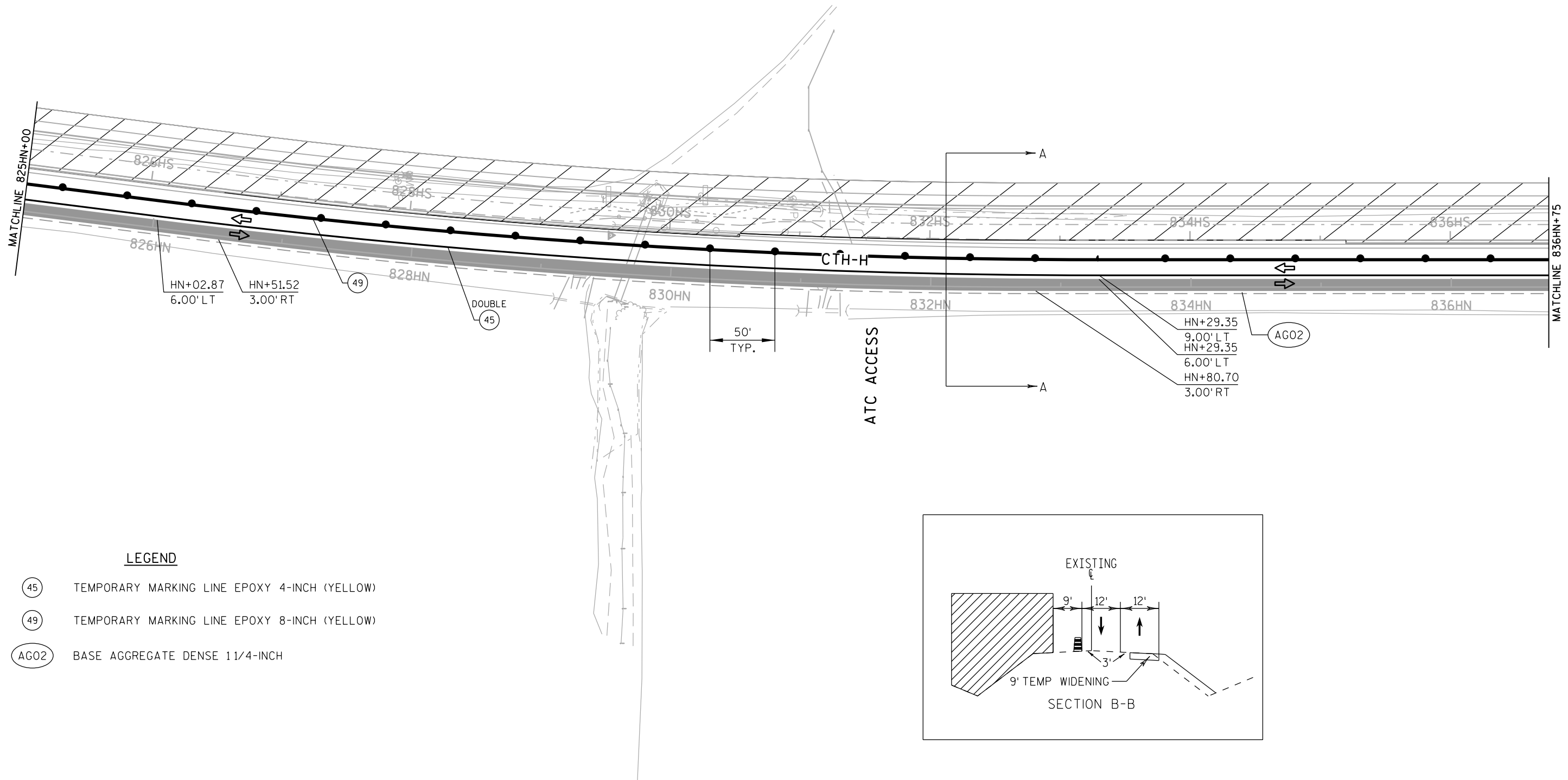


ACCESS TO REMAIN TO EXISTING FC7 ENTRANCE



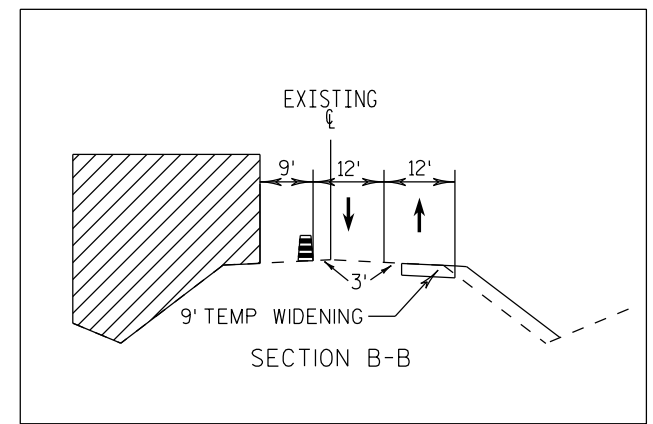
LEGEND

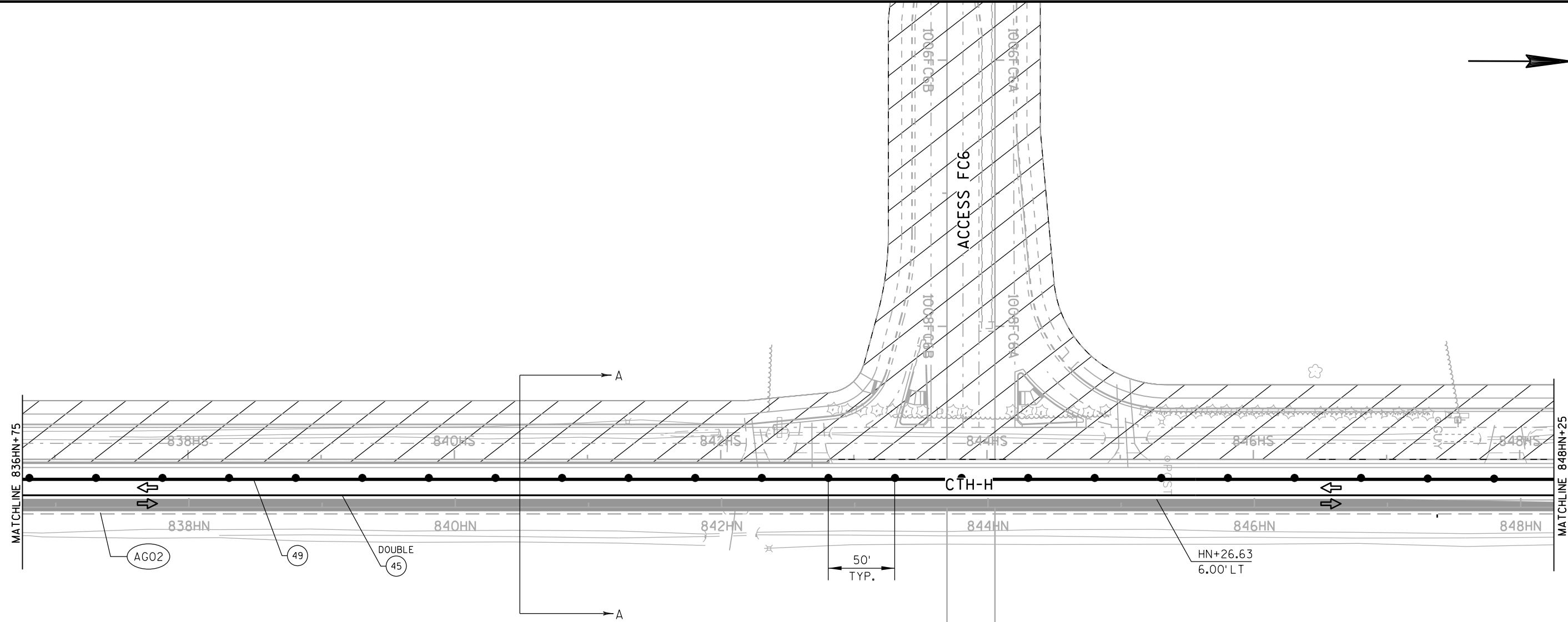
- (45) TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
- (49) TEMPORARY MARKING LINE EPOXY 8-INCH (YELLOW)
- (AG02) BASE AGGREGATE DENSE 1 1/4-INCH



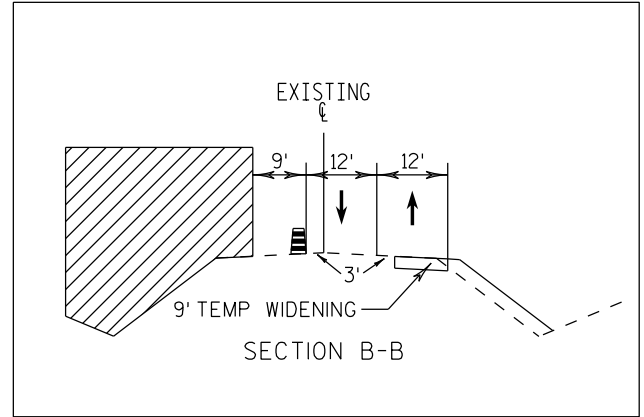
LEGEND

- (45) TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
- (49) TEMPORARY MARKING LINE EPOXY 8-INCH (YELLOW)
- (AG02) BASE AGGREGATE DENSE 1 1/4-INCH

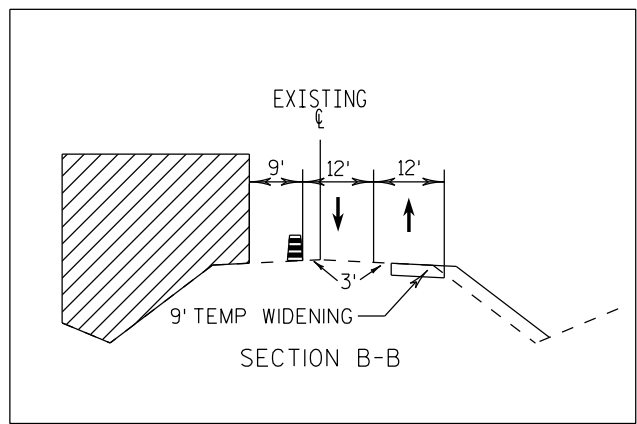
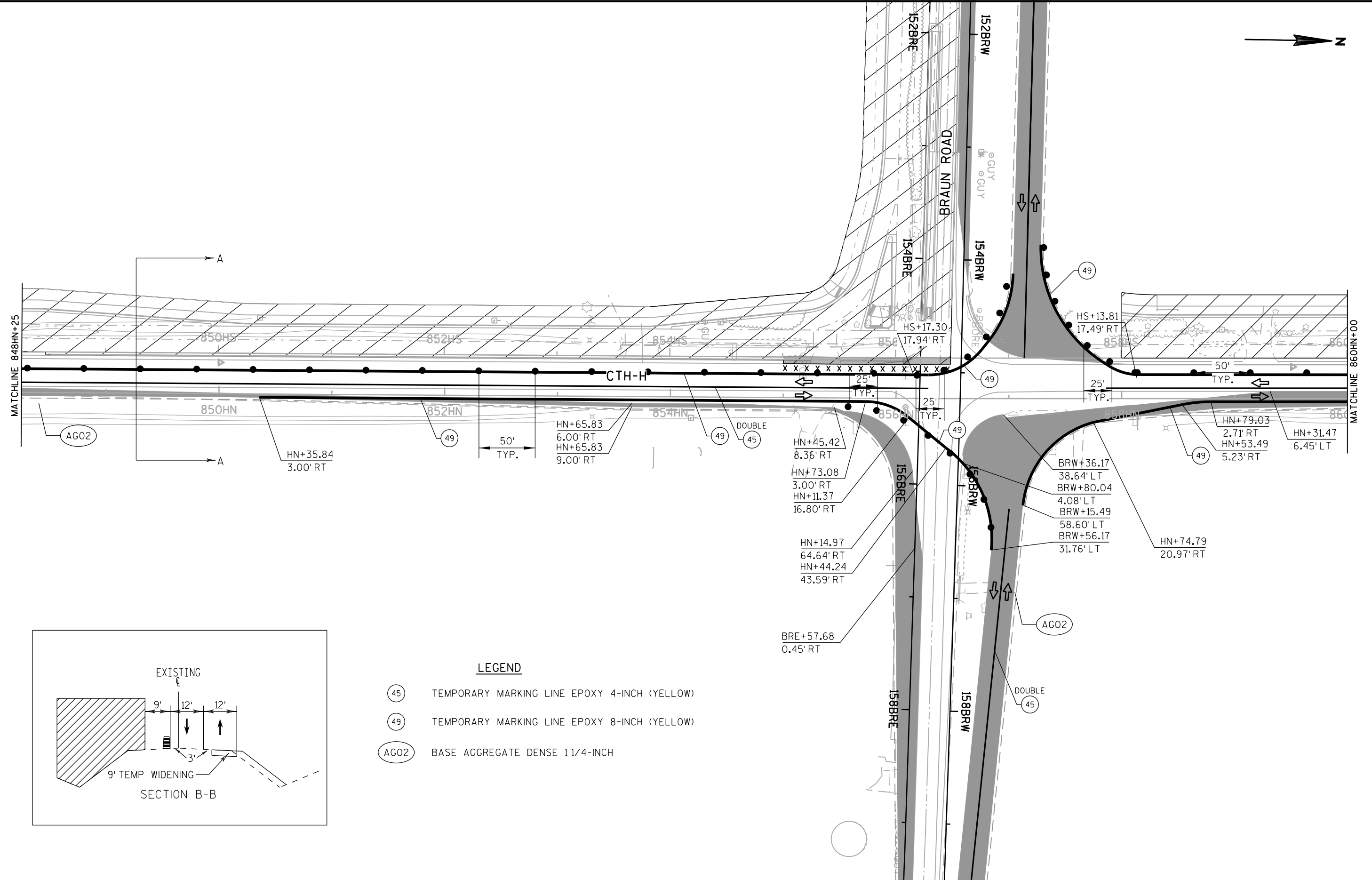




- LEGEND**
- ④5 TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
 - ④9 TEMPORARY MARKING LINE EPOXY 8-INCH (YELLOW)
 - ⓖG02 BASE AGGREGATE DENSE 1 1/4-INCH

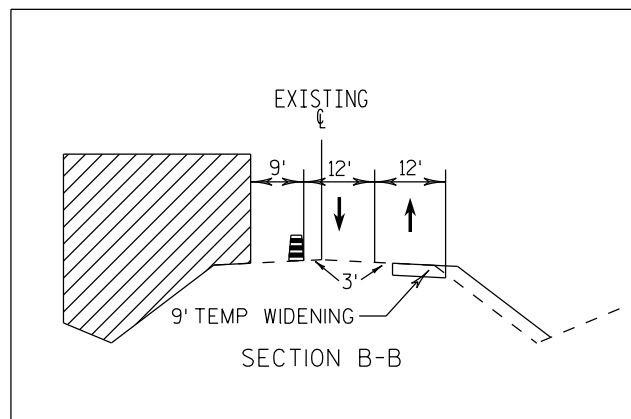
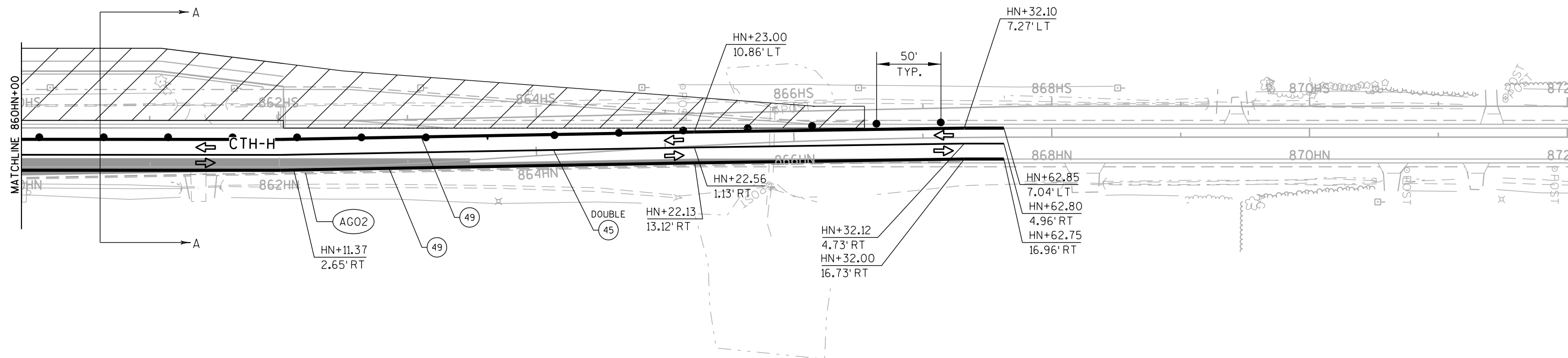
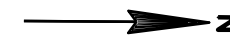


PROJECT NO: 3760-00-70	HWY: CTH-H	COUNTY: RACINE	TRAFFIC CONTROL: STAGE 2A	SHEET	E
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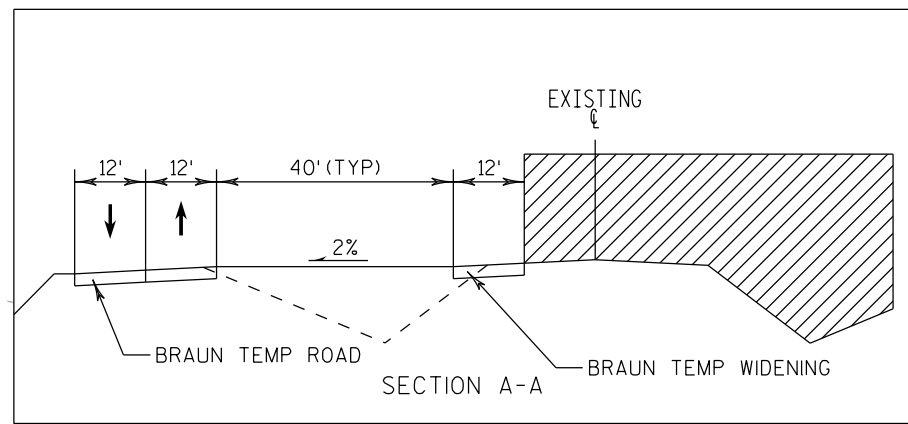
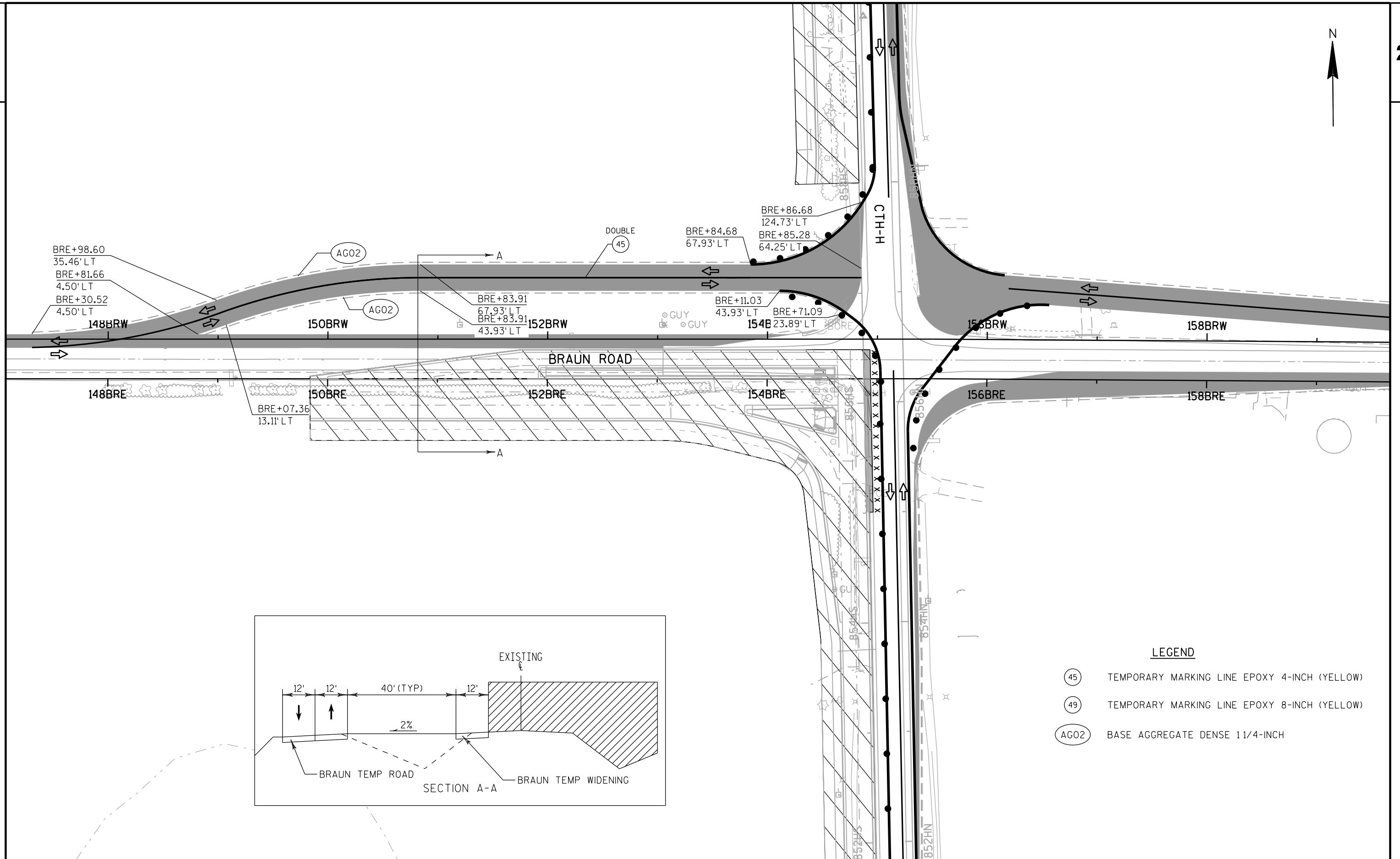
- LEGEND**
- (45) TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
 - (49) TEMPORARY MARKING LINE EPOXY 8-INCH (YELLOW)
 - (AG02) BASE AGGREGATE DENSE 1 1/4-INCH

*SEE TRAFFIC CONTROL GENERAL NOTES FOR ADVANCED SIGNING

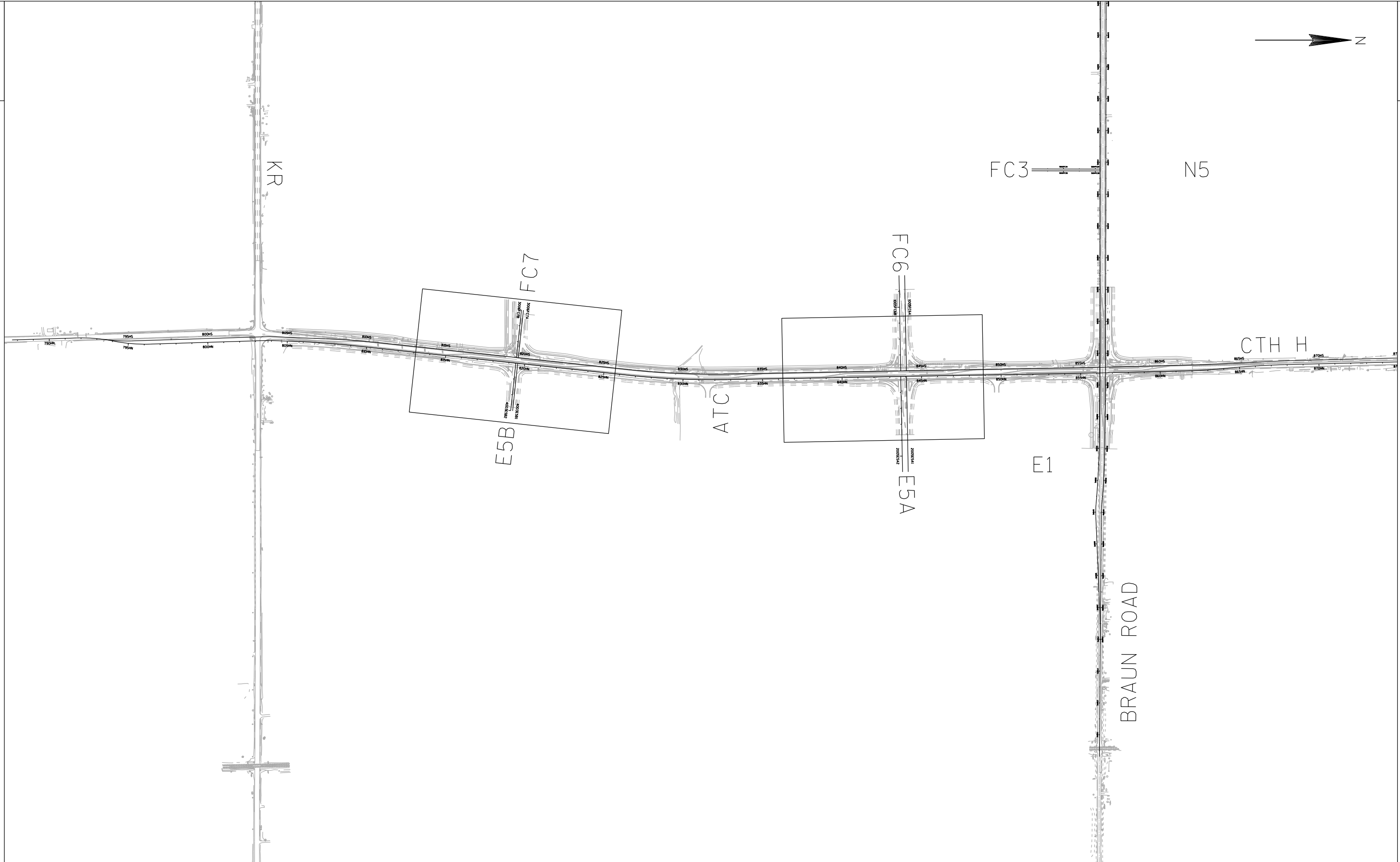


LEGEND

- ④5 TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
- ④9 TEMPORARY MARKING LINE EPOXY 8-INCH (YELLOW)
- ⊙AGO2 BASE AGGREGATE DENSE 1 1/4-INCH



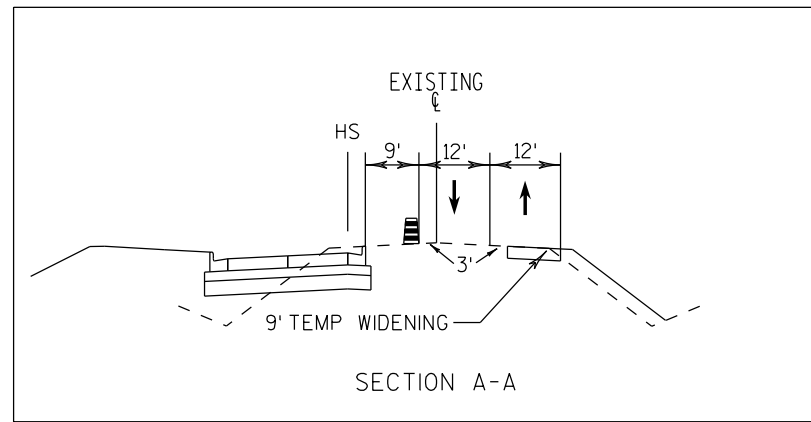
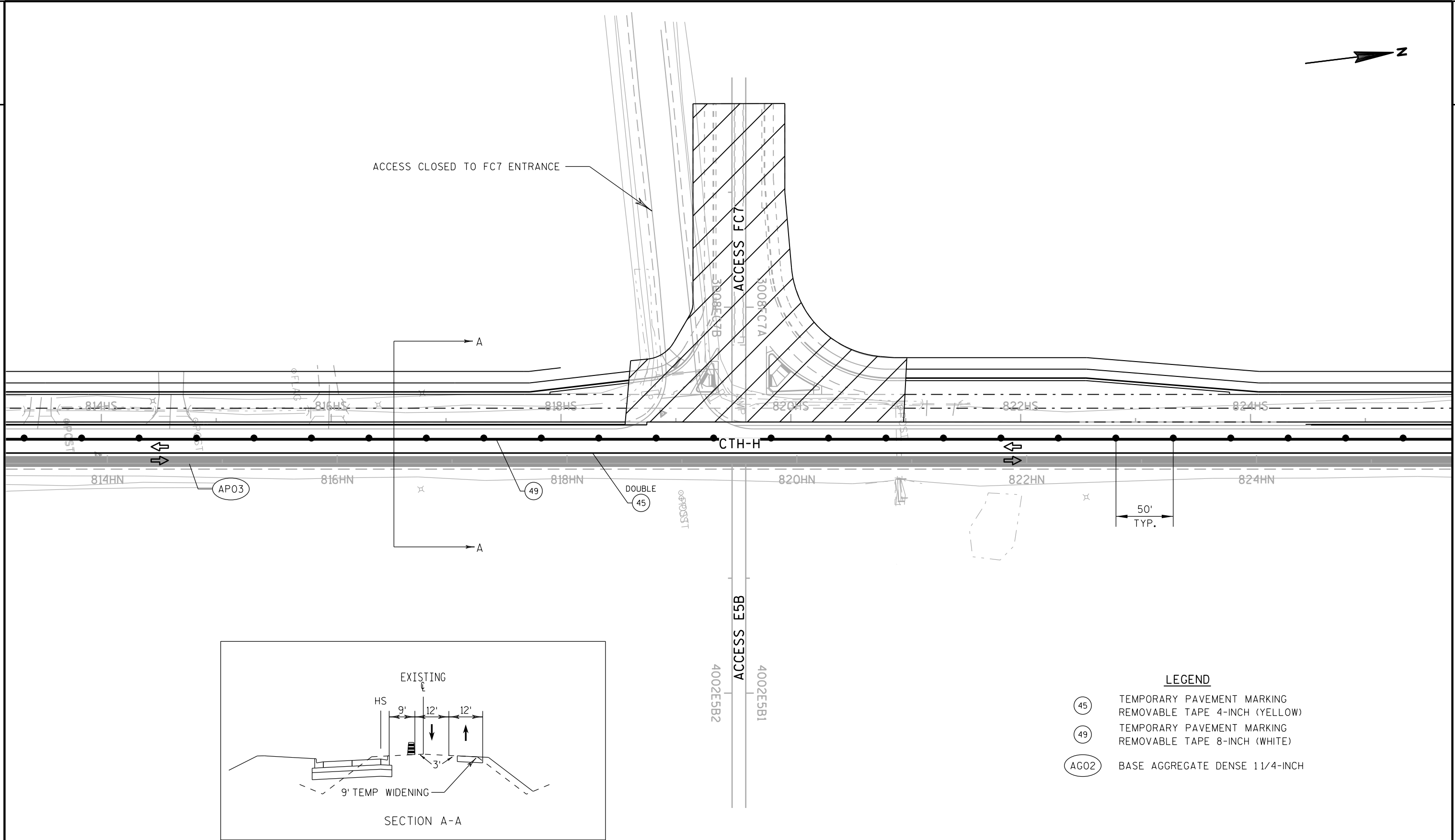
- LEGEND**
- (45) TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
 - (49) TEMPORARY MARKING LINE EPOXY 8-INCH (YELLOW)
 - AG02 BASE AGGREGATE DENSE 1 1/4-INCH



PROJECT NO: 3760-00-70	HWY: CTH-H	COUNTY: RACINE	TRAFFIC CONTROL: STAGE 2B OVERVIEW MAP	SHEET E
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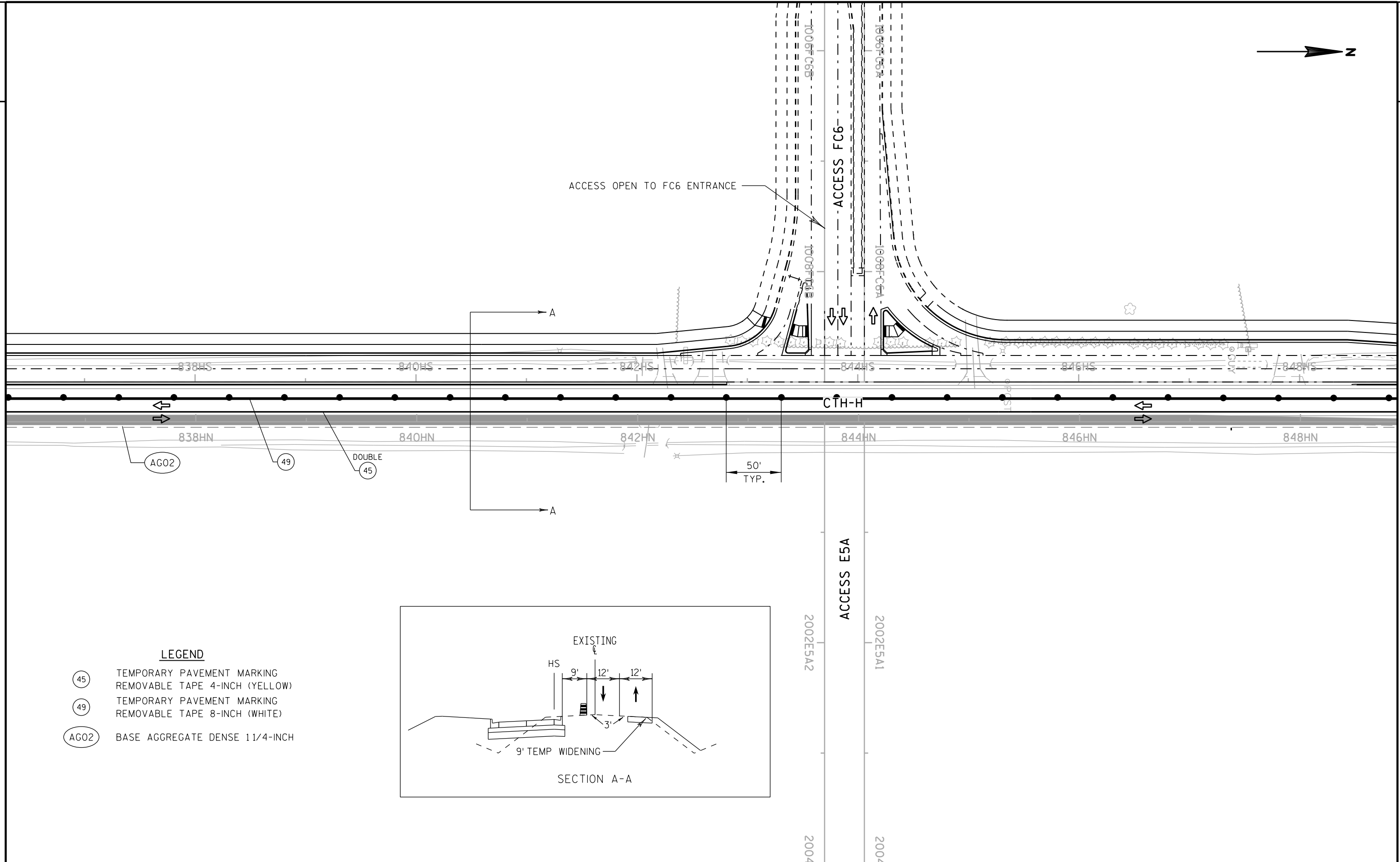


ACCESS CLOSED TO FC7 ENTRANCE



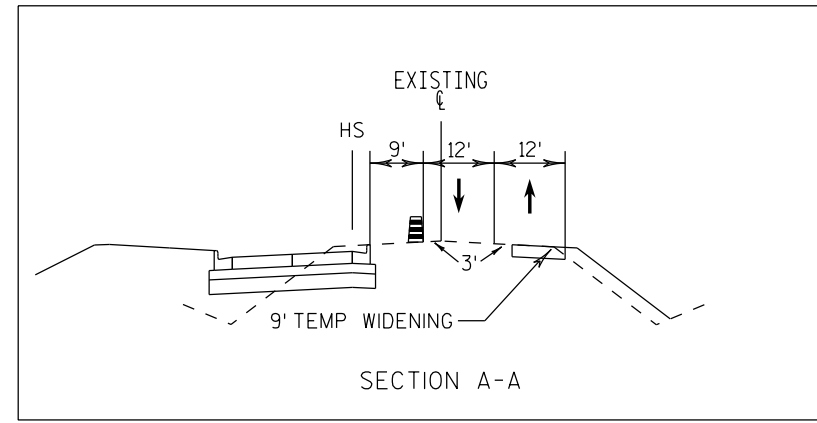
LEGEND

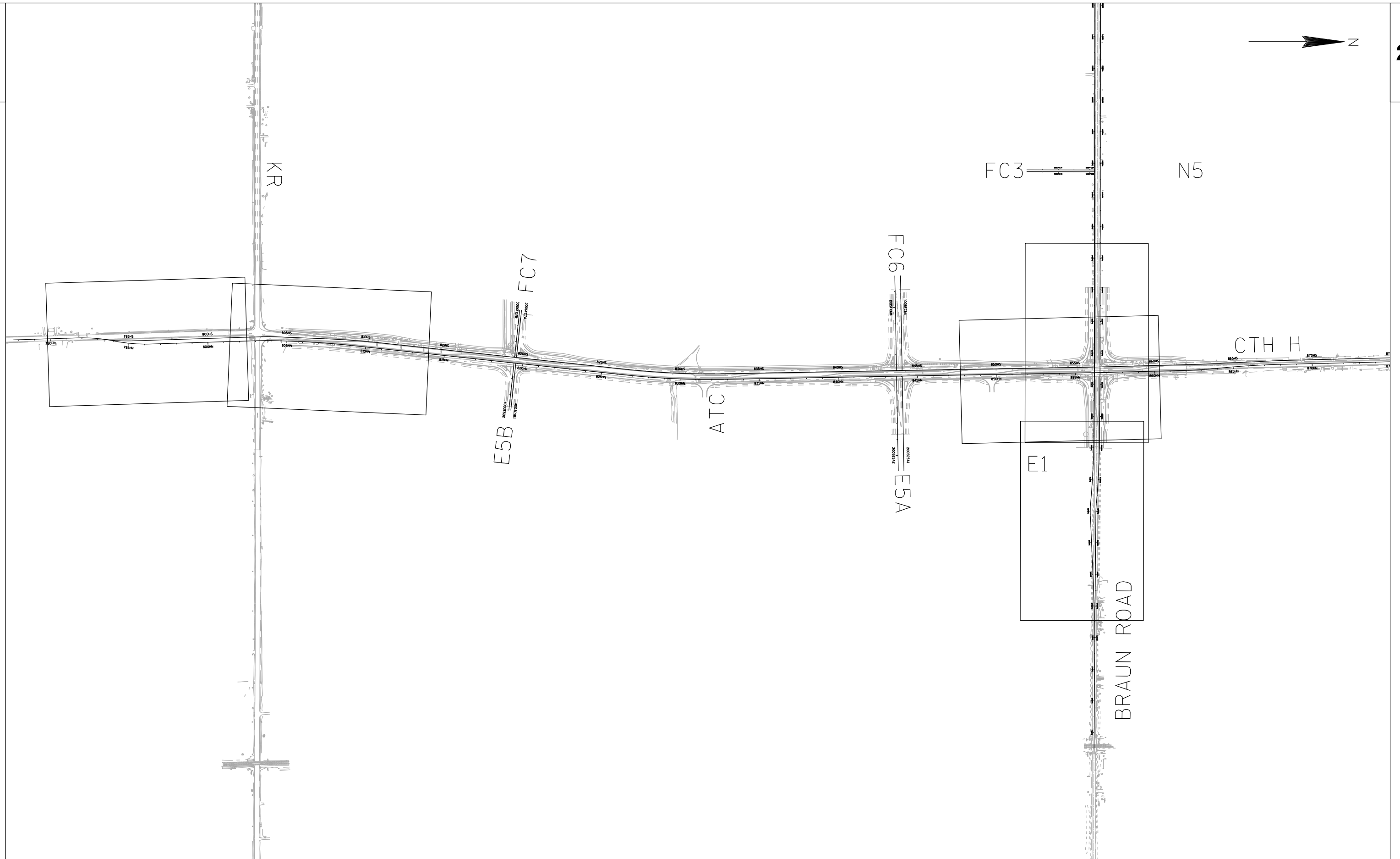
- (45) TEMPORARY PAVEMENT MARKING
REMOVABLE TAPE 4-INCH (YELLOW)
- (49) TEMPORARY PAVEMENT MARKING
REMOVABLE TAPE 8-INCH (WHITE)
- (AG02) BASE AGGREGATE DENSE 1 1/4-INCH



LEGEND

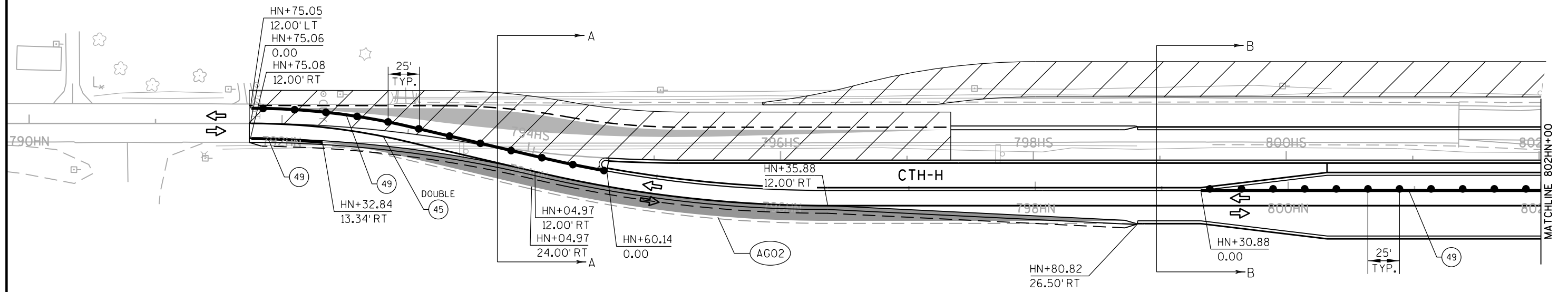
- (45) TEMPORARY PAVEMENT MARKING
REMOVABLE TAPE 4-INCH (YELLOW)
- (49) TEMPORARY PAVEMENT MARKING
REMOVABLE TAPE 8-INCH (WHITE)
- (AG02) BASE AGGREGATE DENSE 1 1/4-INCH





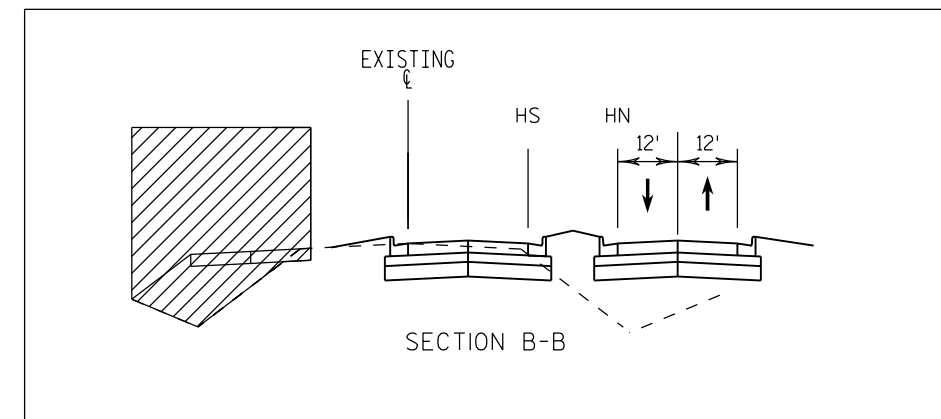
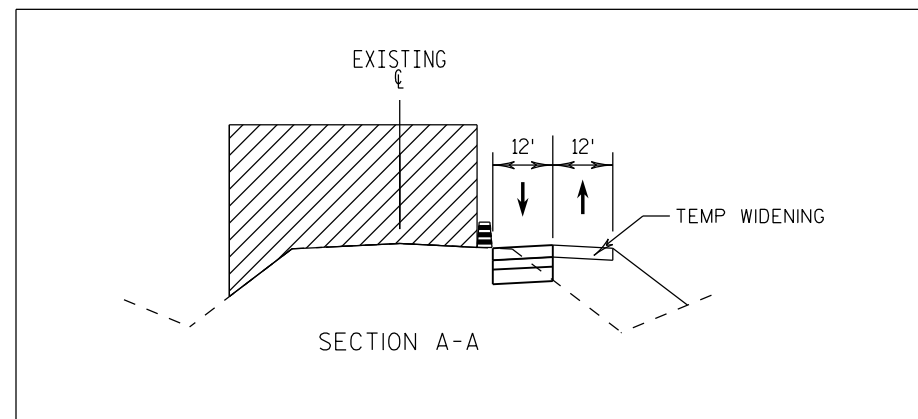
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*SEE TRAFFIC CONTROL GENERAL NOTES FOR ADVANCED SIGNING



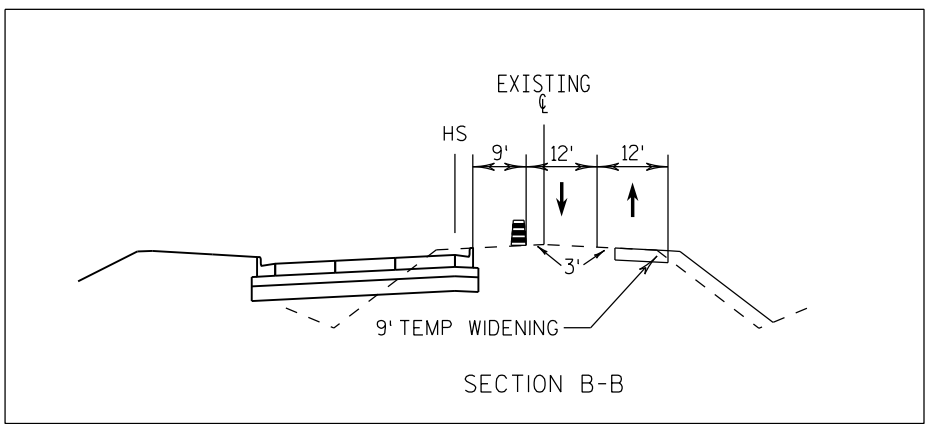
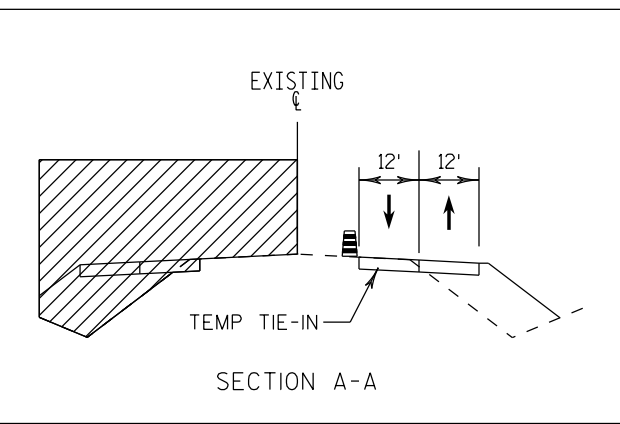
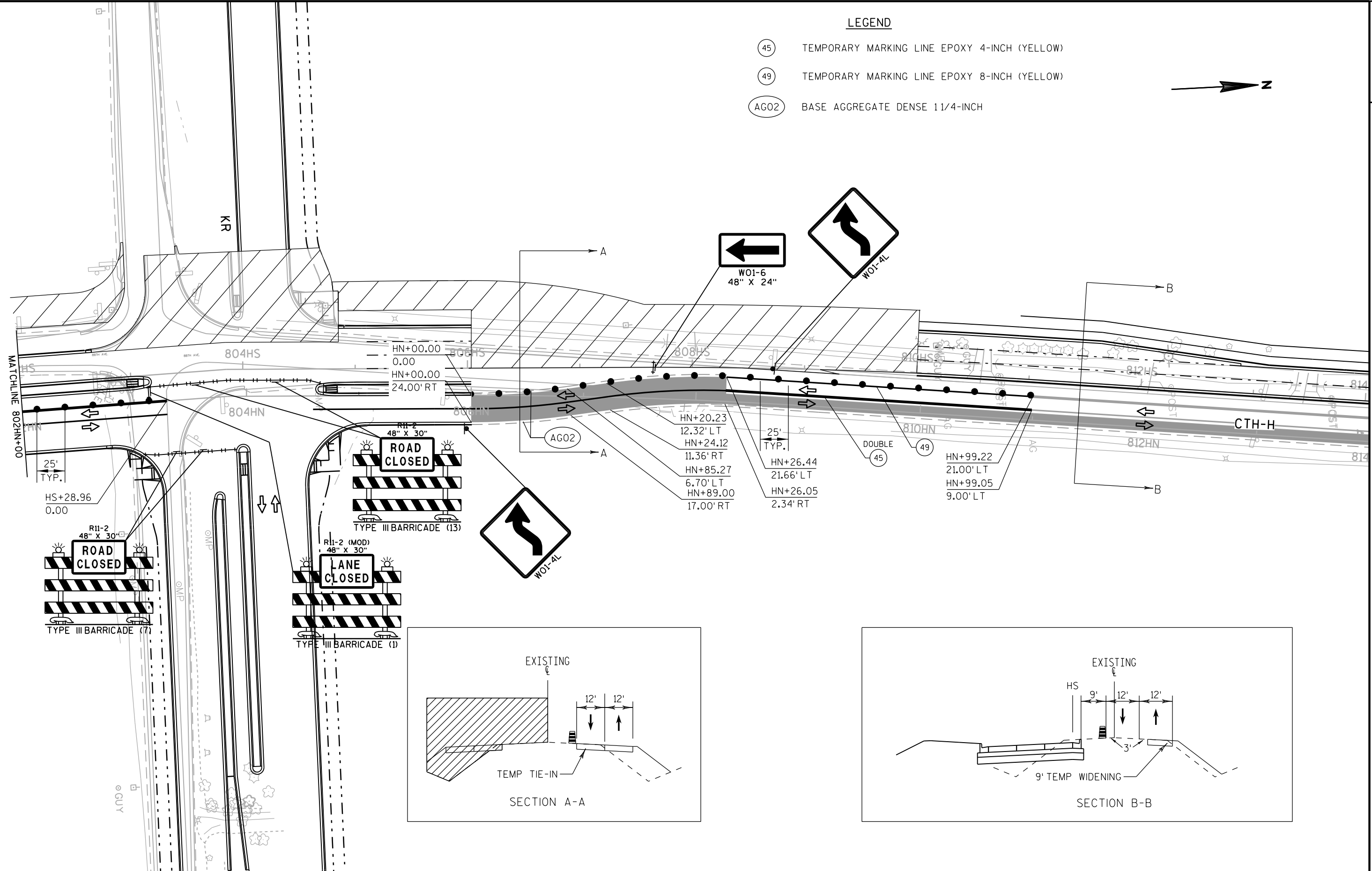
LEGEND

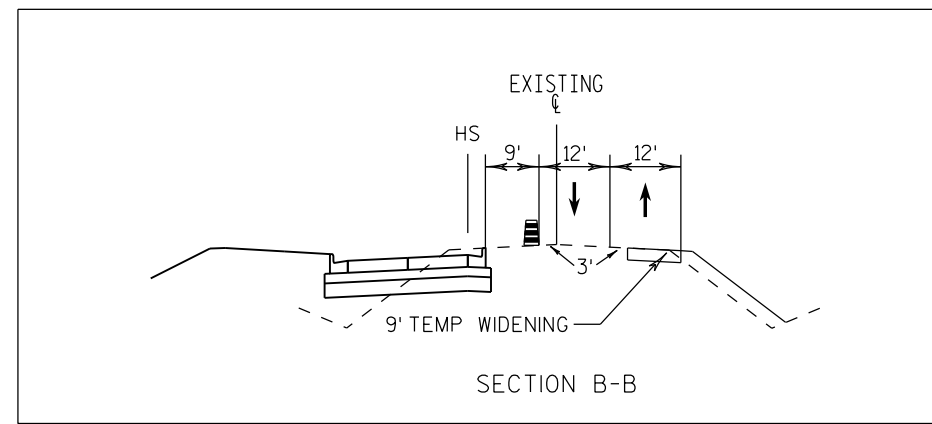
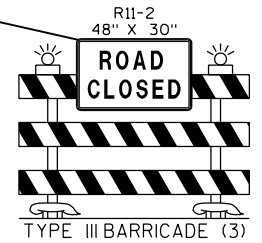
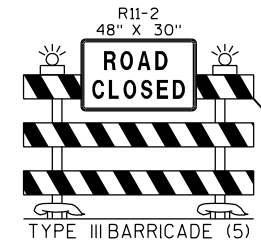
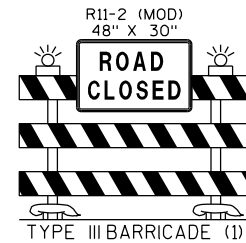
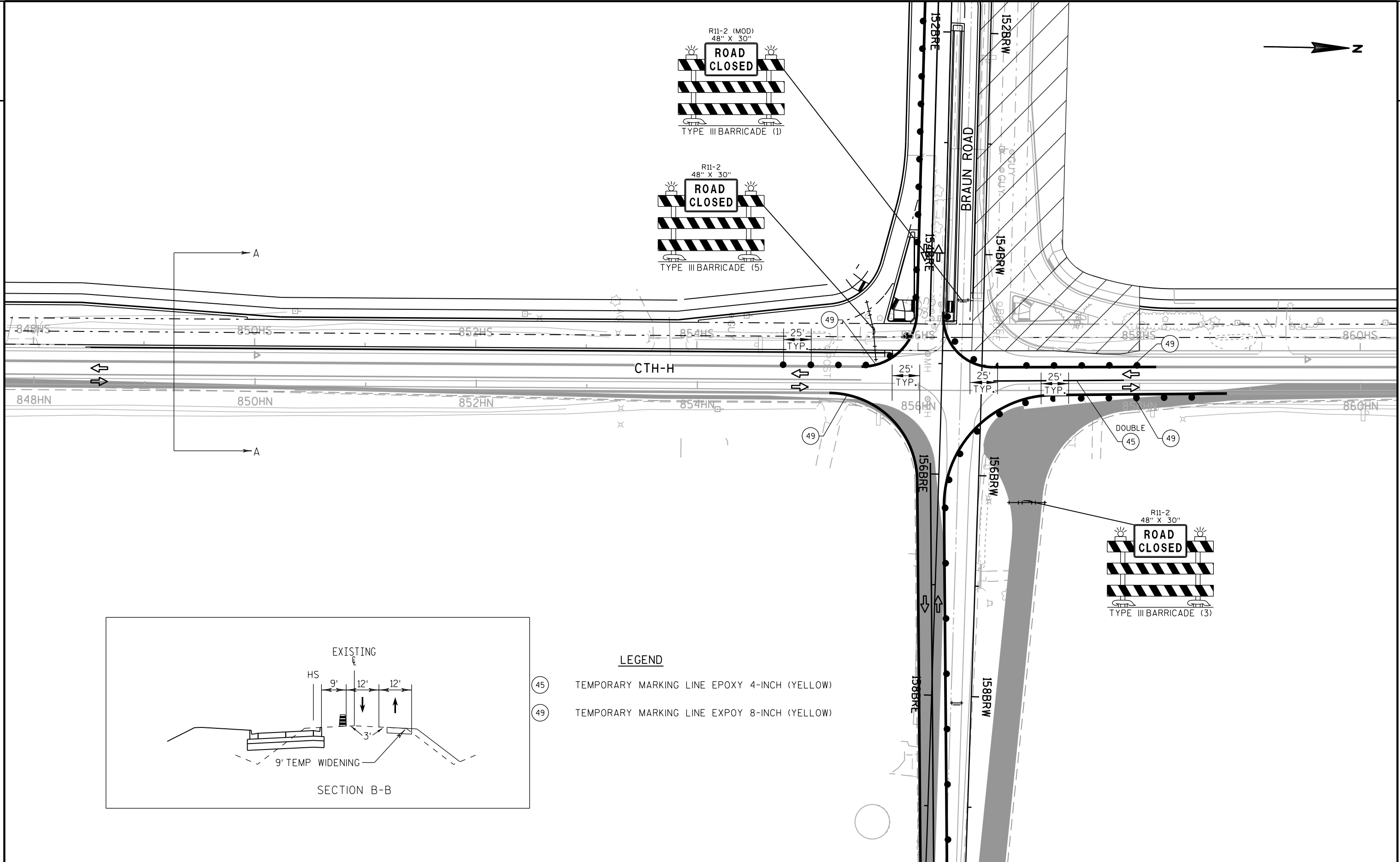
- (45) TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
- (49) TEMPORARY MARKING LINE EPOXY 8-INCH (YELLOW)
- AGO2 BASE AGGREGATE DENSE 1 1/4-INCH



LEGEND

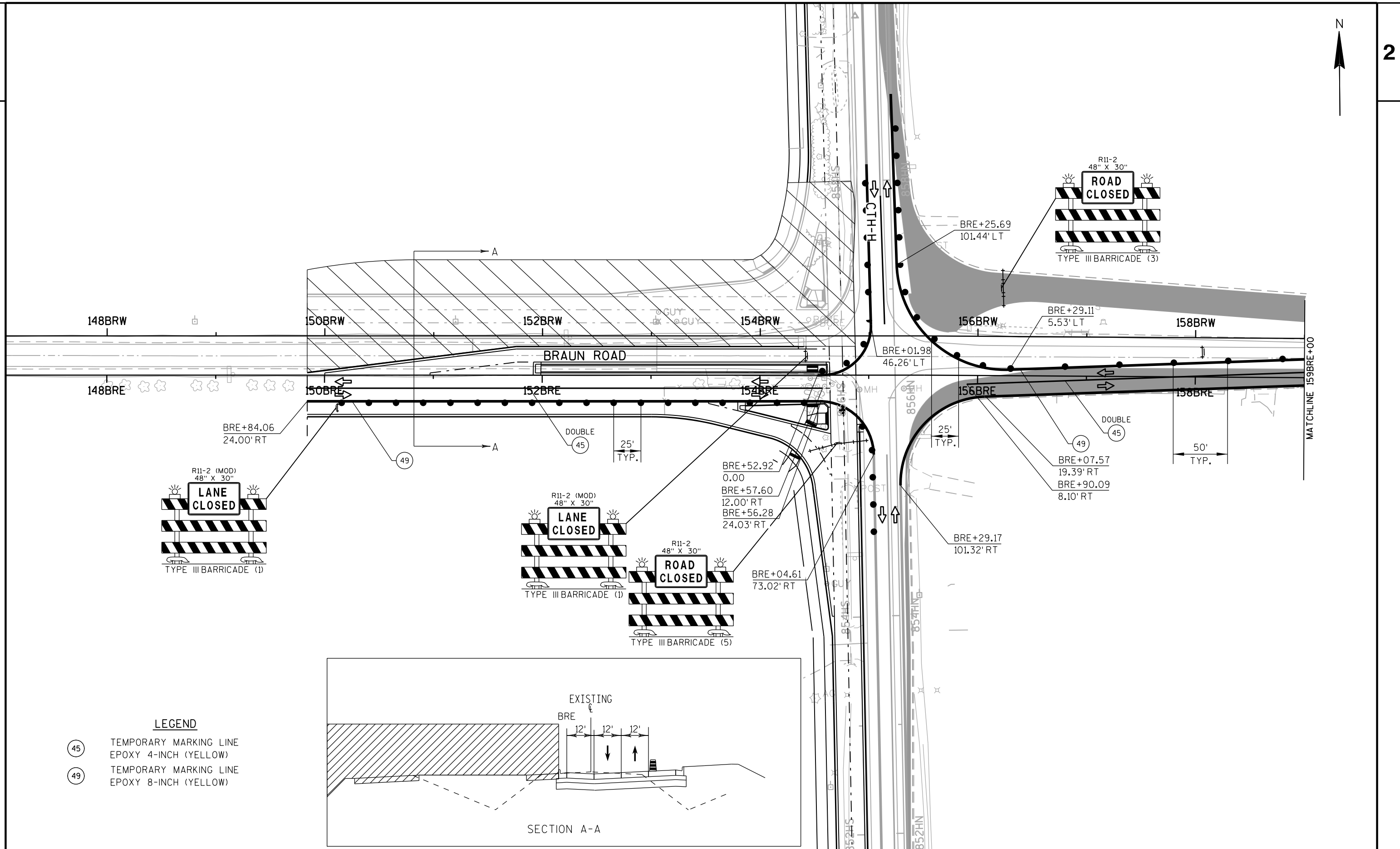
- (45) TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
- (49) TEMPORARY MARKING LINE EPOXY 8-INCH (YELLOW)
- AG02 BASE AGGREGATE DENSE 1 1/4-INCH





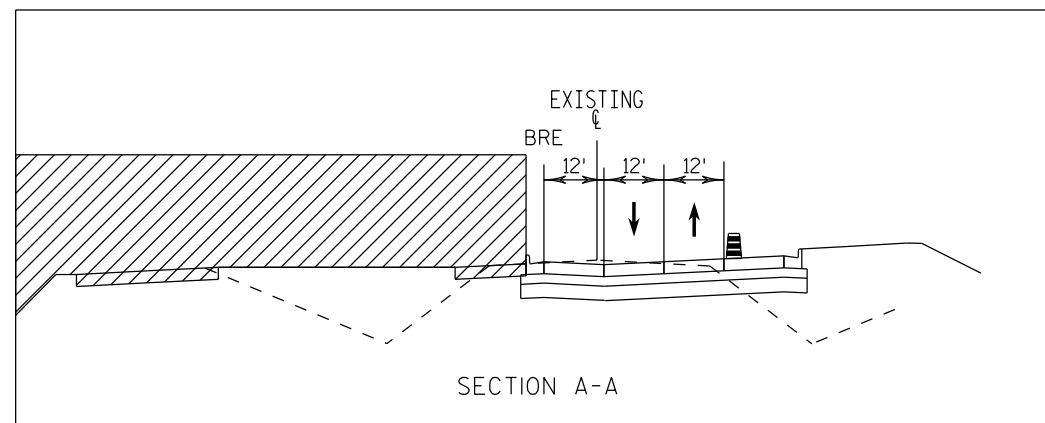
LEGEND

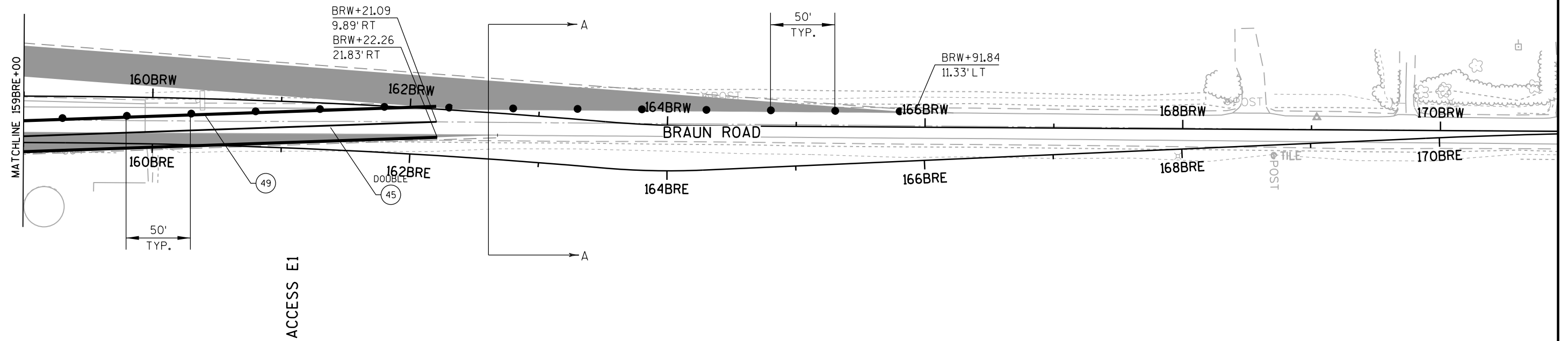
- (45) TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
- (49) TEMPORARY MARKING LINE EXPOY 8-INCH (YELLOW)



LEGEND

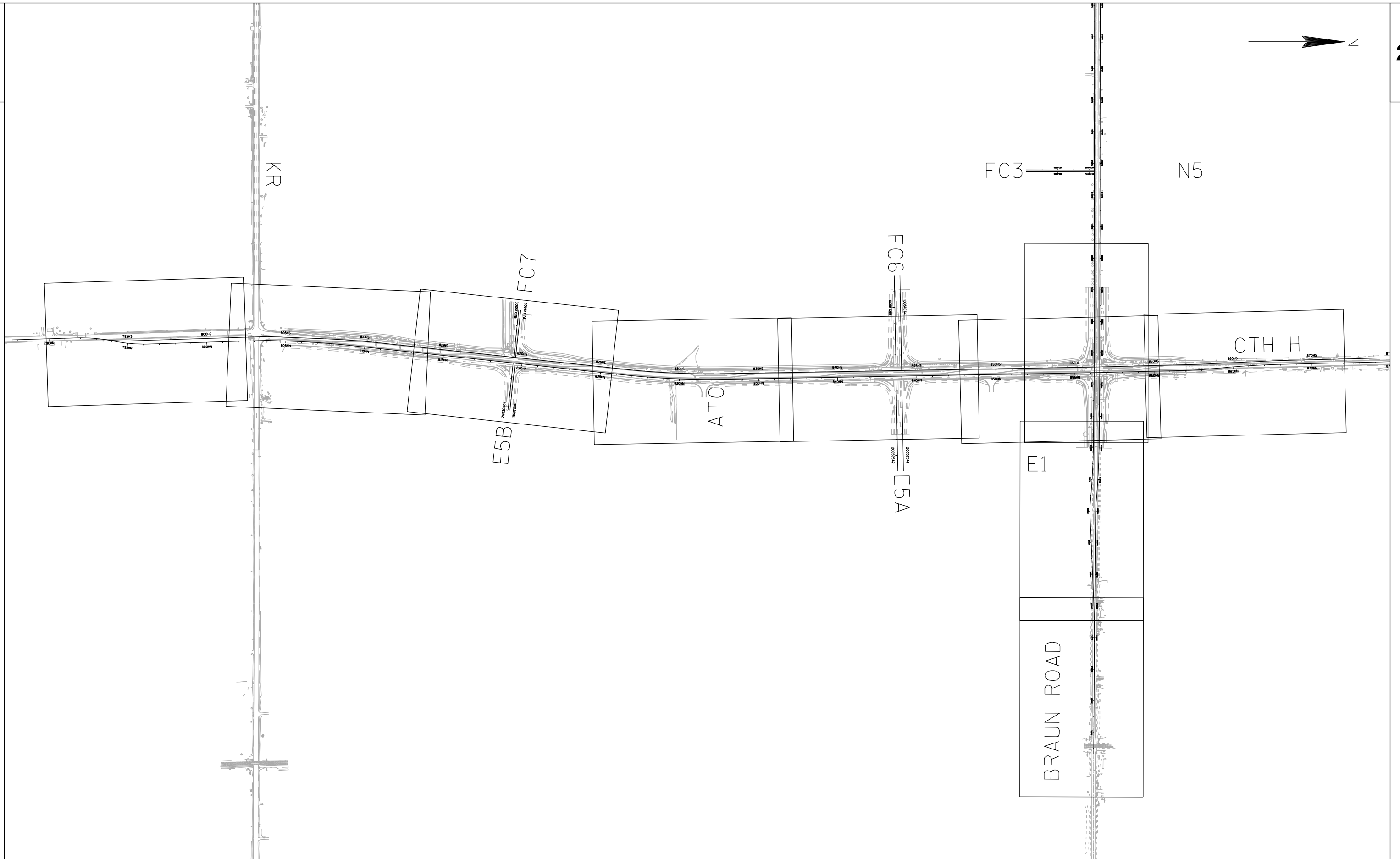
- 45 TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
- 49 TEMPORARY MARKING LINE EPOXY 8-INCH (YELLOW)





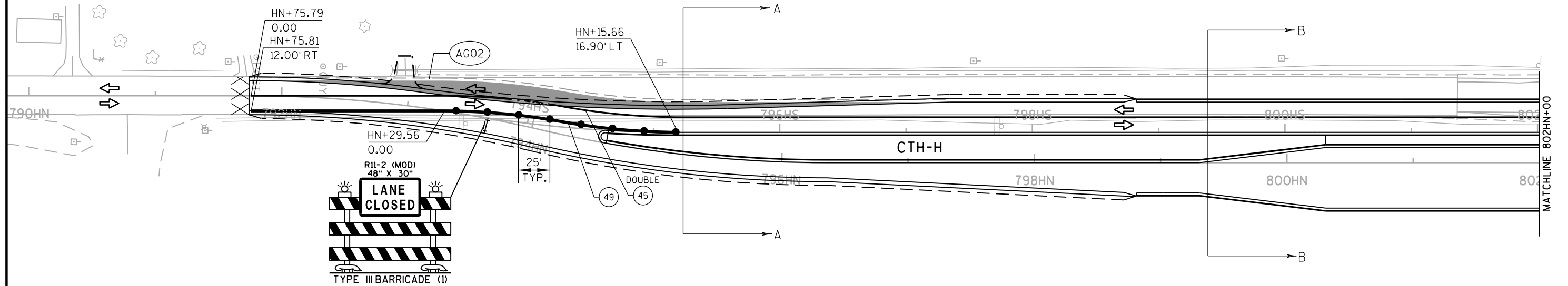
LEGEND

- (45) TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
- (49) TEMPORARY MARKING LINE EPOXY 8-INCH (YELLOW)



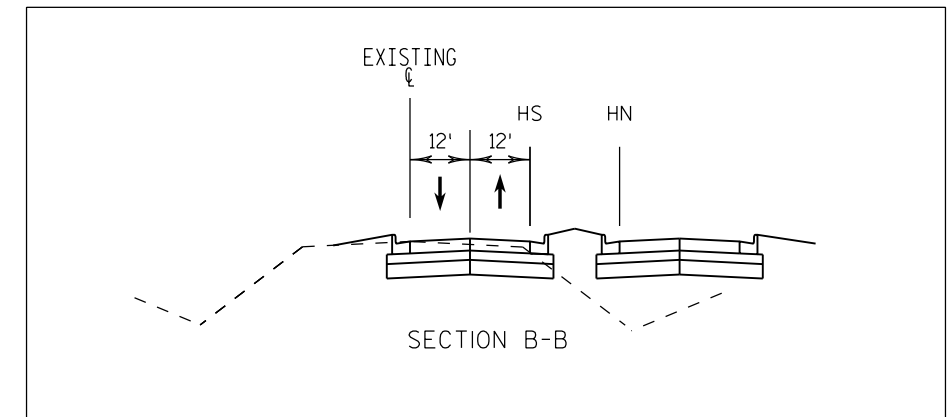
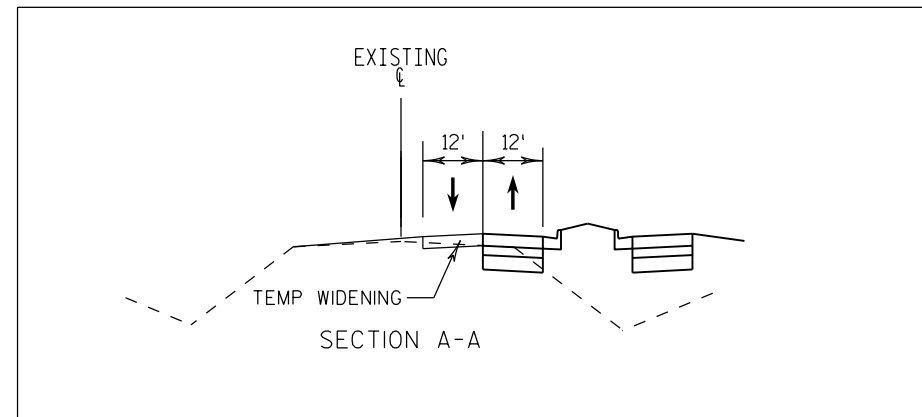
PROJECT NO: 3760-00-70	HWY: CTH-H	COUNTY: RACINE	TRAFFIC CONTROL: STAGE 4 OVERVIEW MAP	SHEET	E
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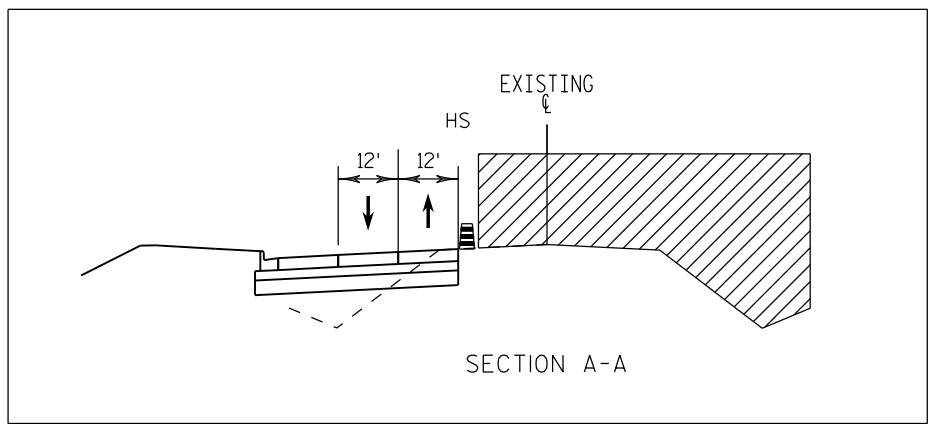
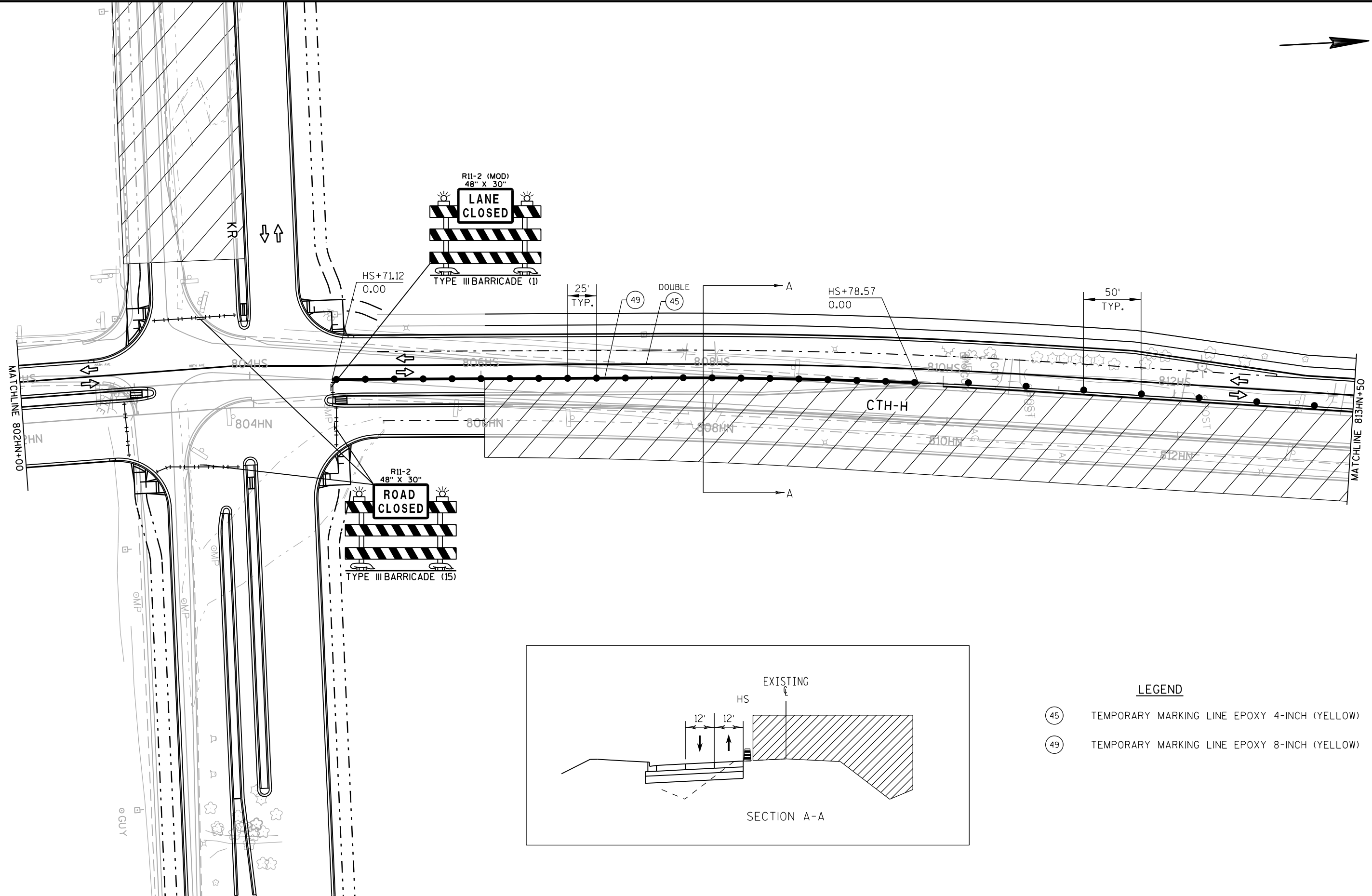
*SEE TRAFFIC CONTROL GENERAL NOTES FOR ADVANCED SIGNING



LEGEND

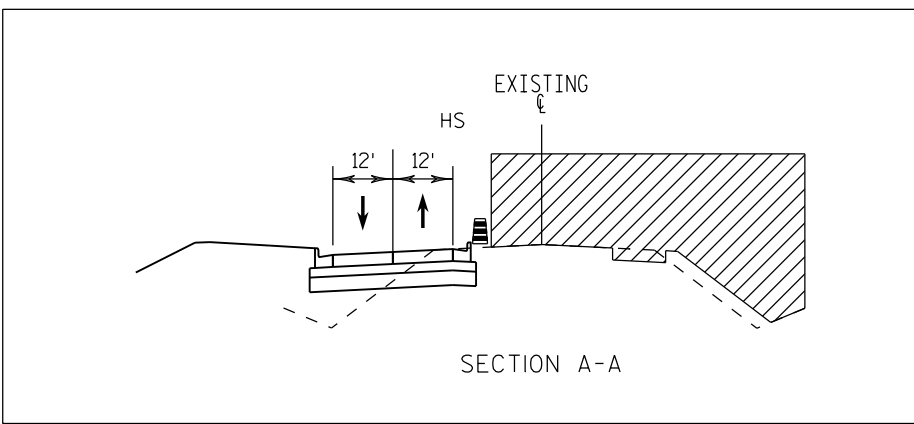
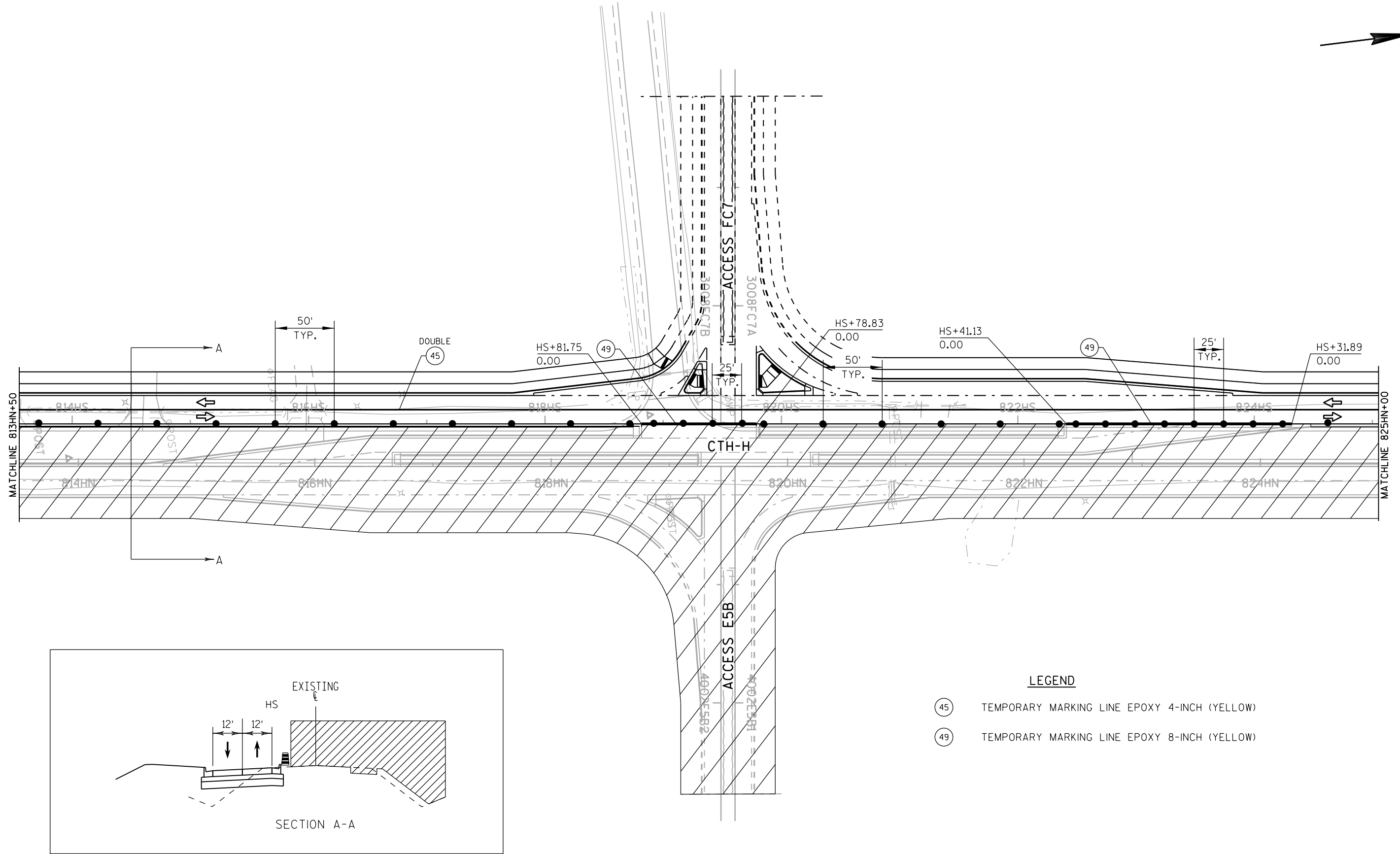
- (45) TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
- (49) TEMPORARY MARKING LINE EPOXY 8-INCH (YELLOW)
- AG02 BASE AGGREGATE DENSE 1 1/4-INCH



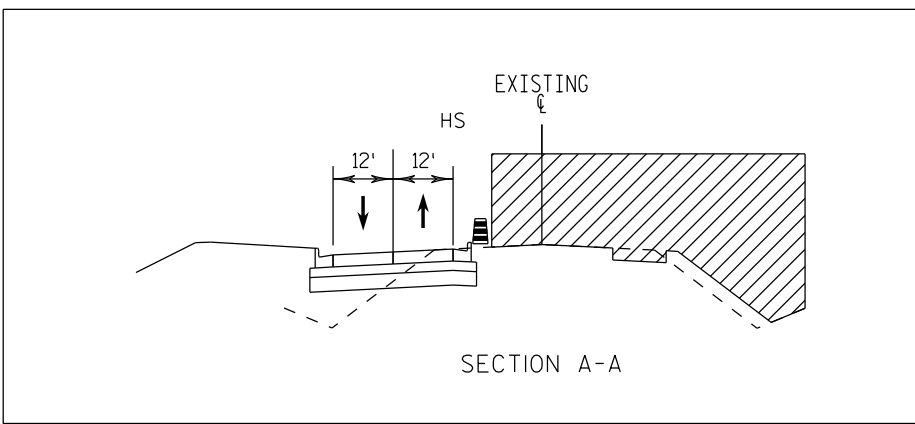
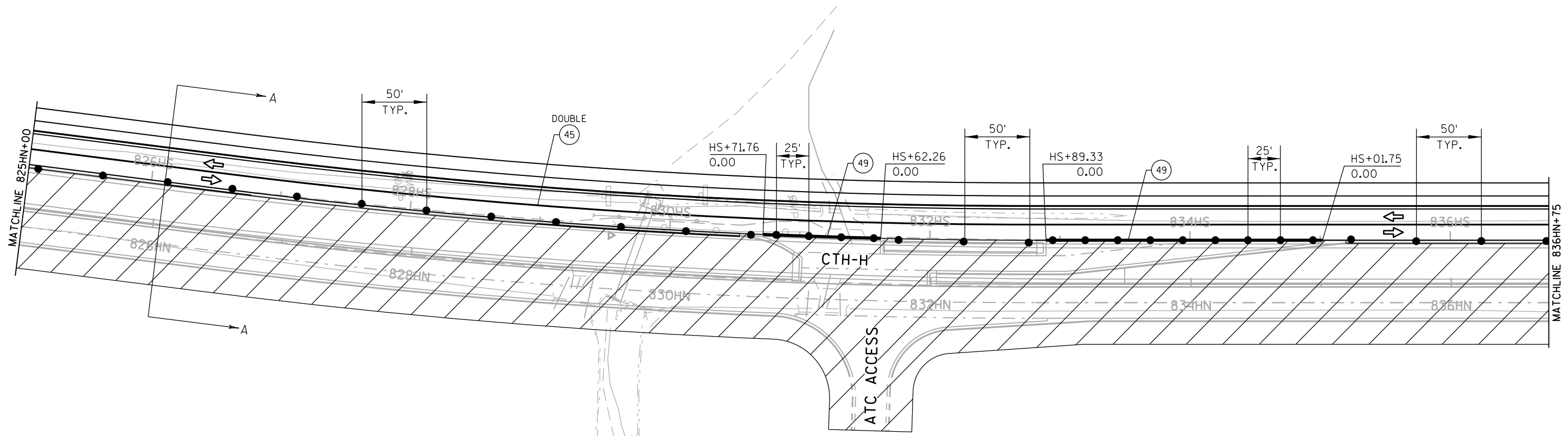


LEGEND

- ④⑤ TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
- ④⑨ TEMPORARY MARKING LINE EPOXY 8-INCH (YELLOW)

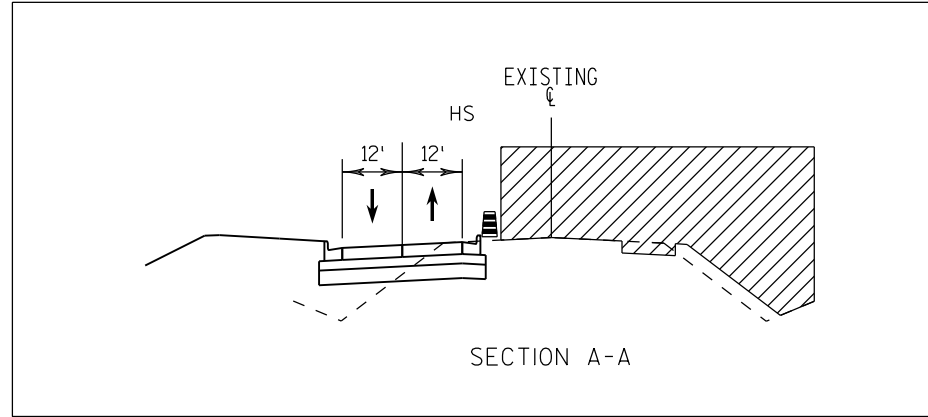
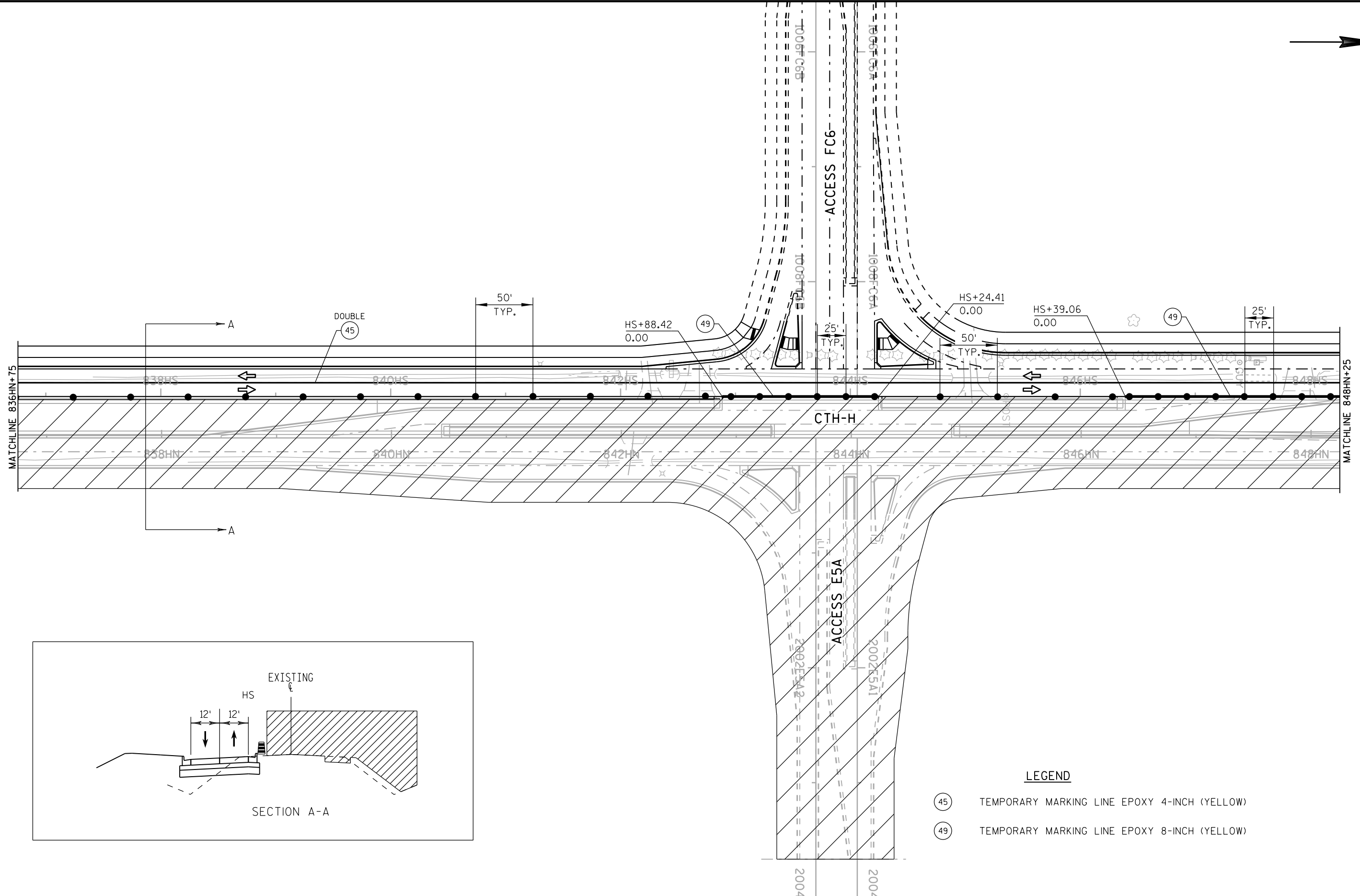


- LEGEND**
- (45) TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
 - (49) TEMPORARY MARKING LINE EPOXY 8-INCH (YELLOW)

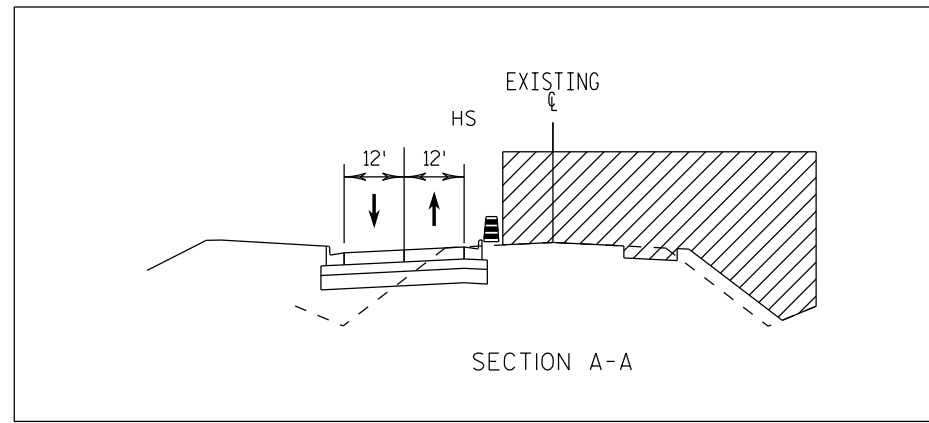
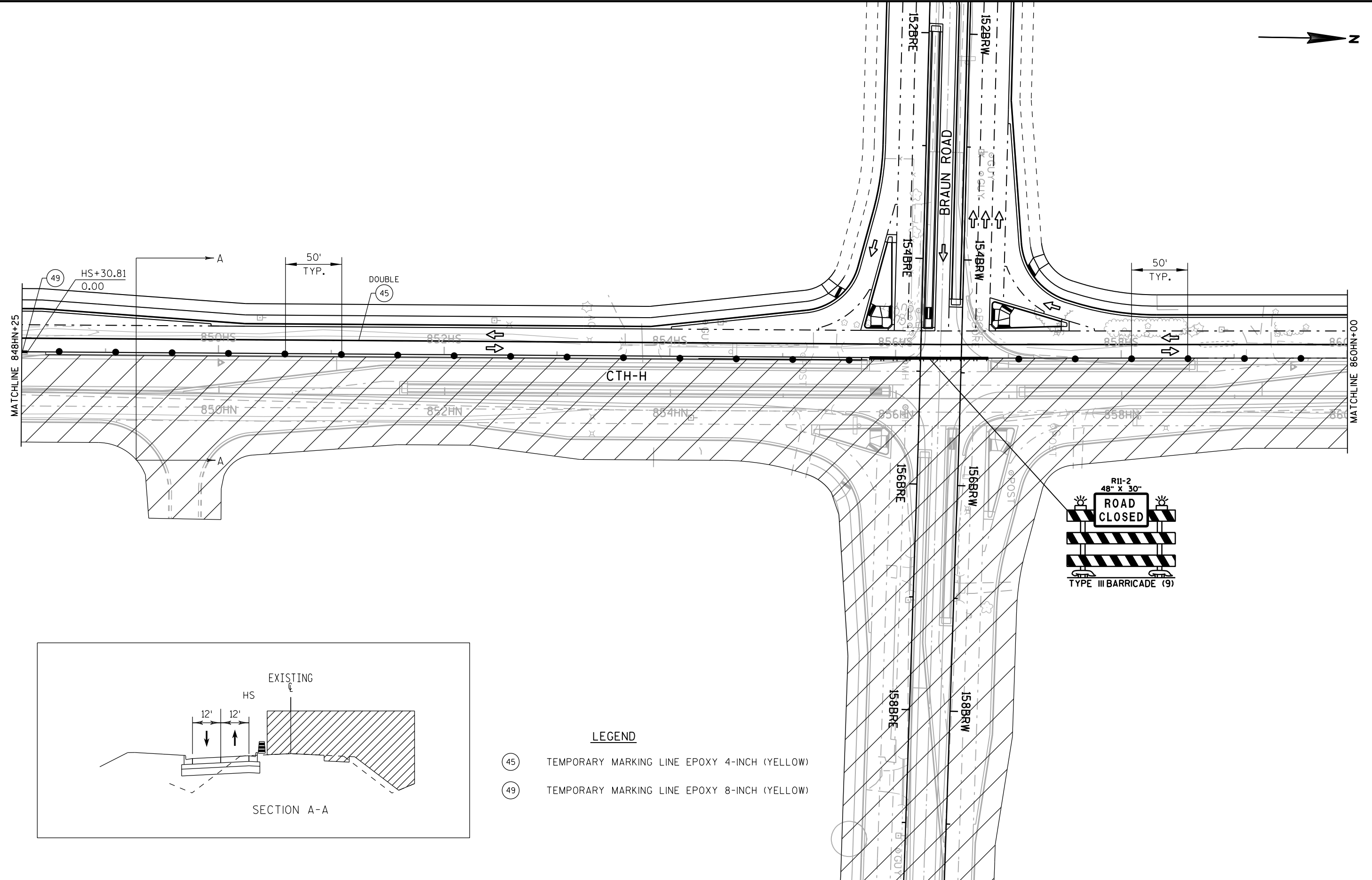


LEGEND

- (45) TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
- (49) TEMPORARY MARKING LINE EPOXY 8-INCH (YELLOW)

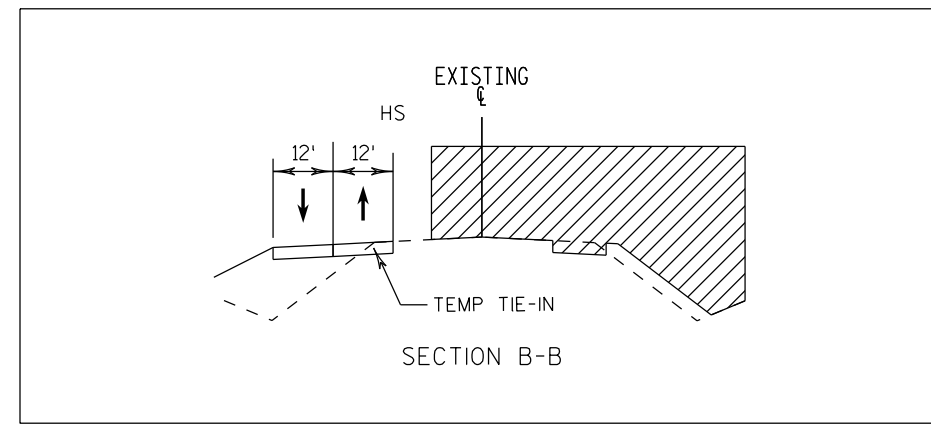
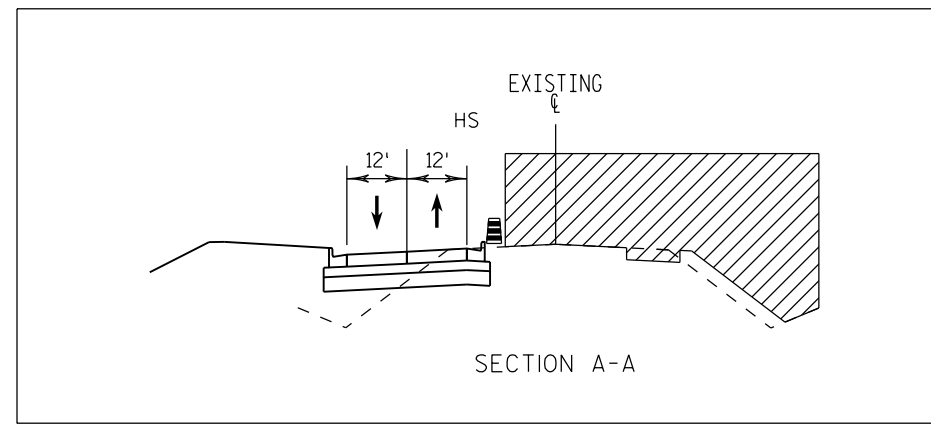
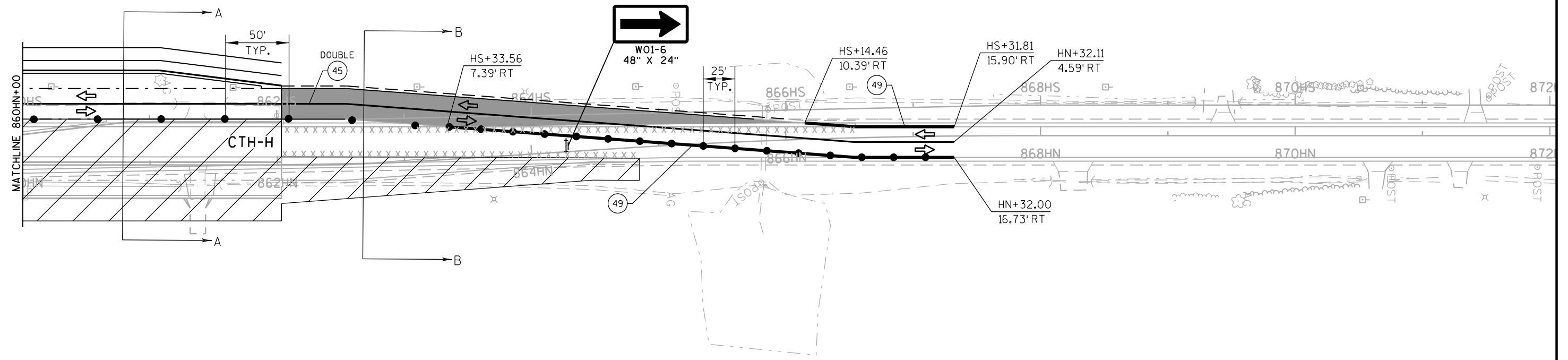


- LEGEND**
- (45) TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
 - (49) TEMPORARY MARKING LINE EPOXY 8-INCH (YELLOW)

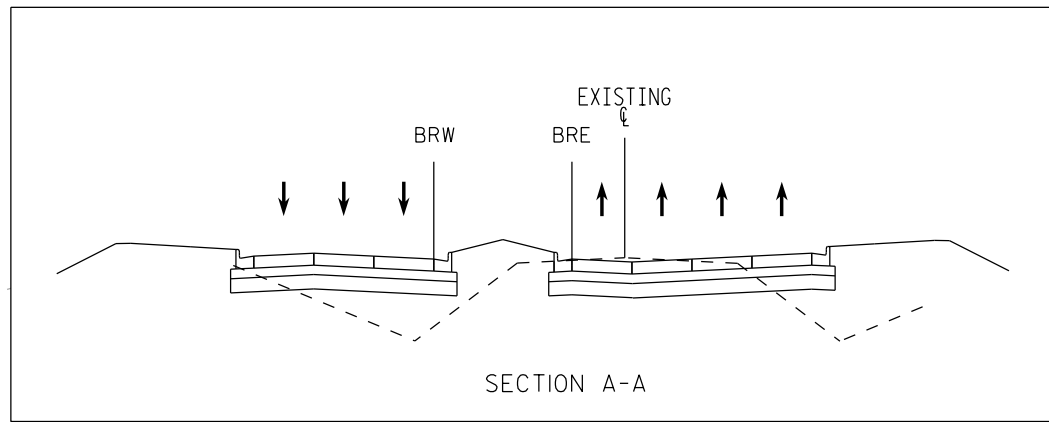
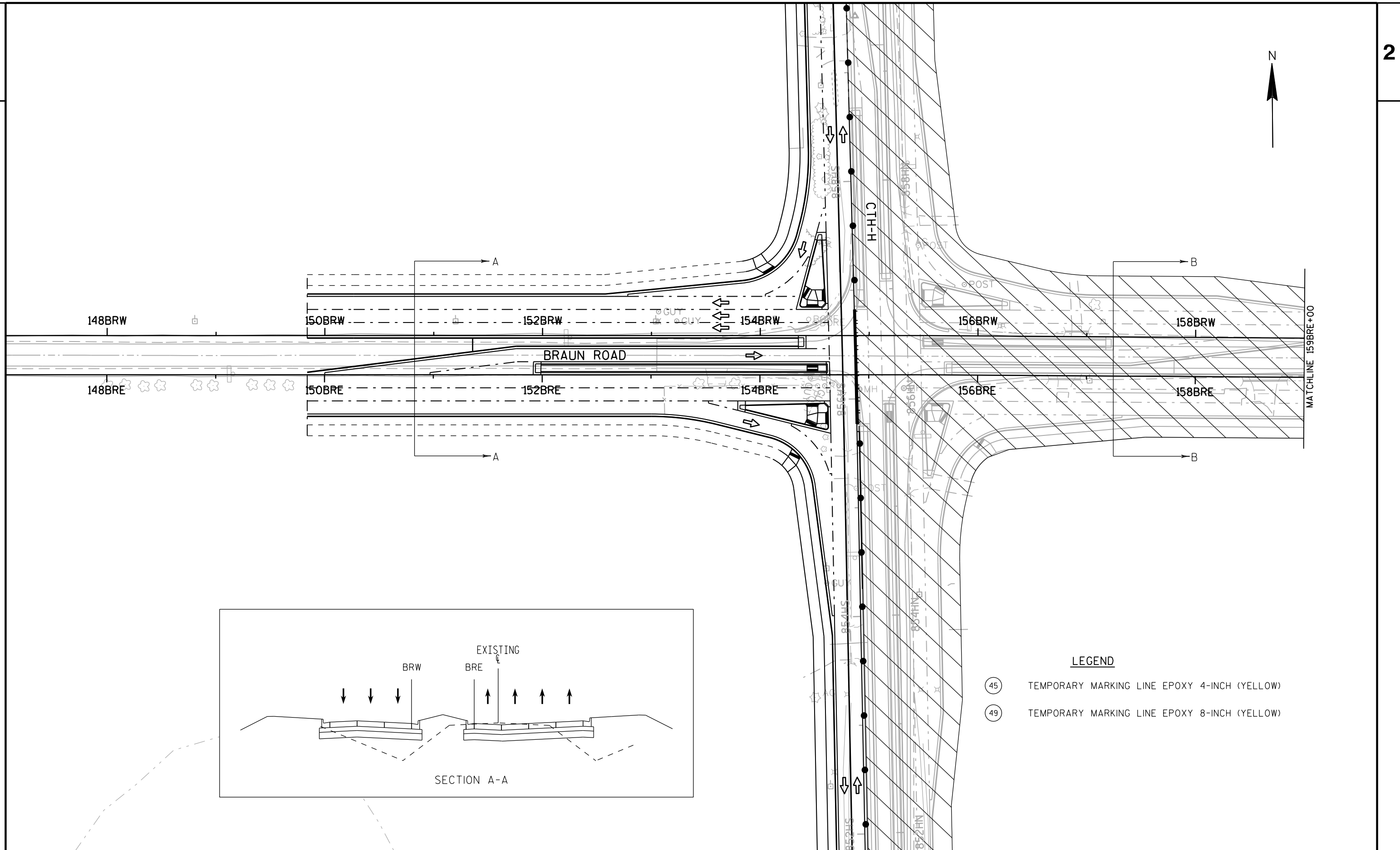


LEGEND

- (45) TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
- (49) TEMPORARY MARKING LINE EPOXY 8-INCH (YELLOW)



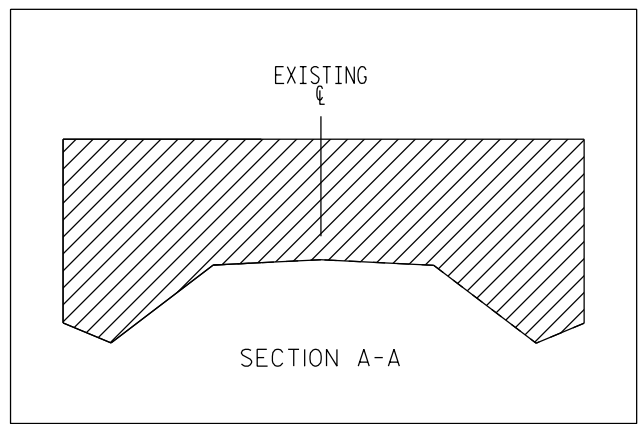
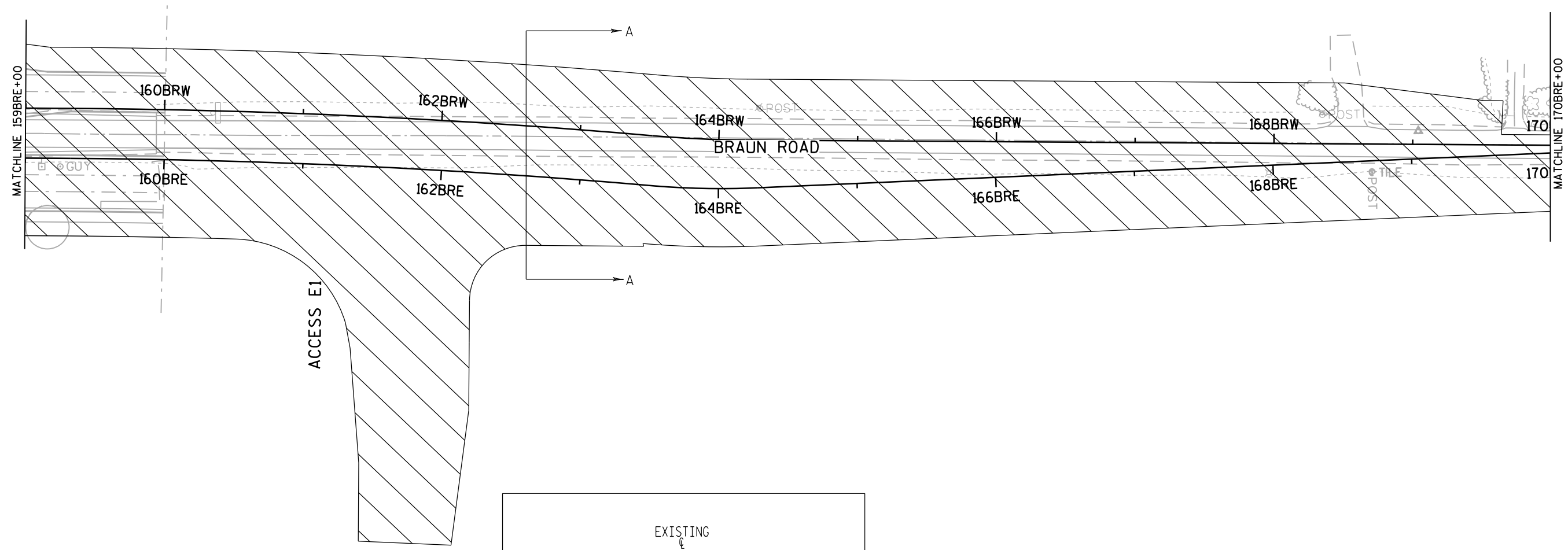
- LEGEND**
- (45) TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
 - (49) TEMPORARY MARKING LINE EPOXY 8-INCH (YELLOW)

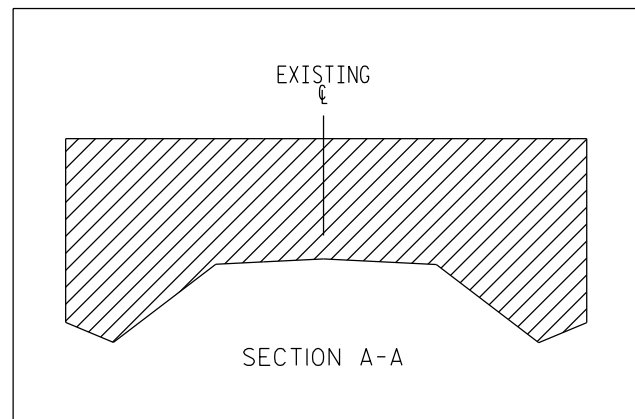
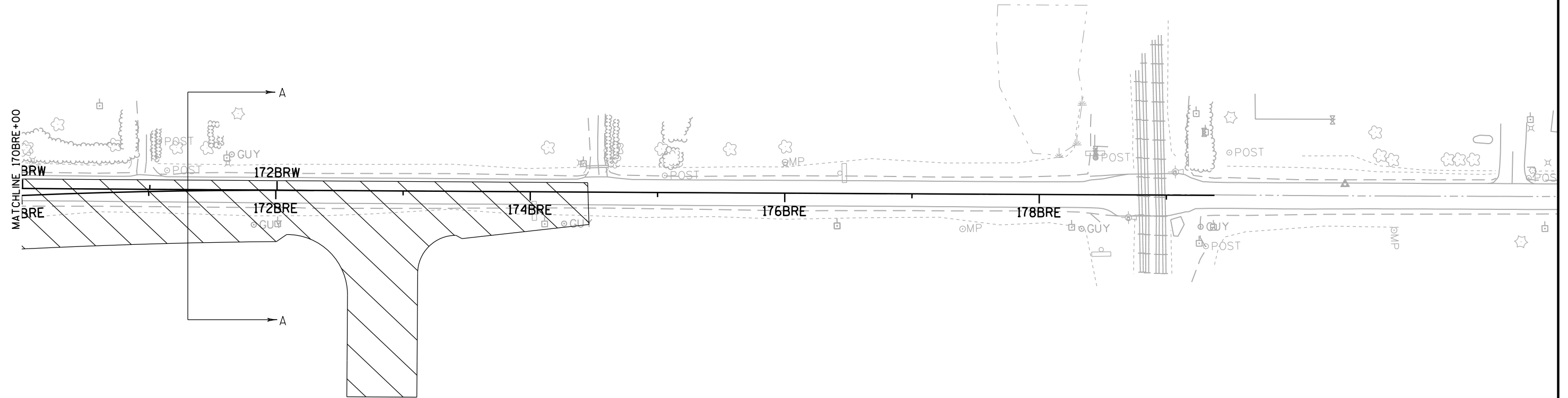


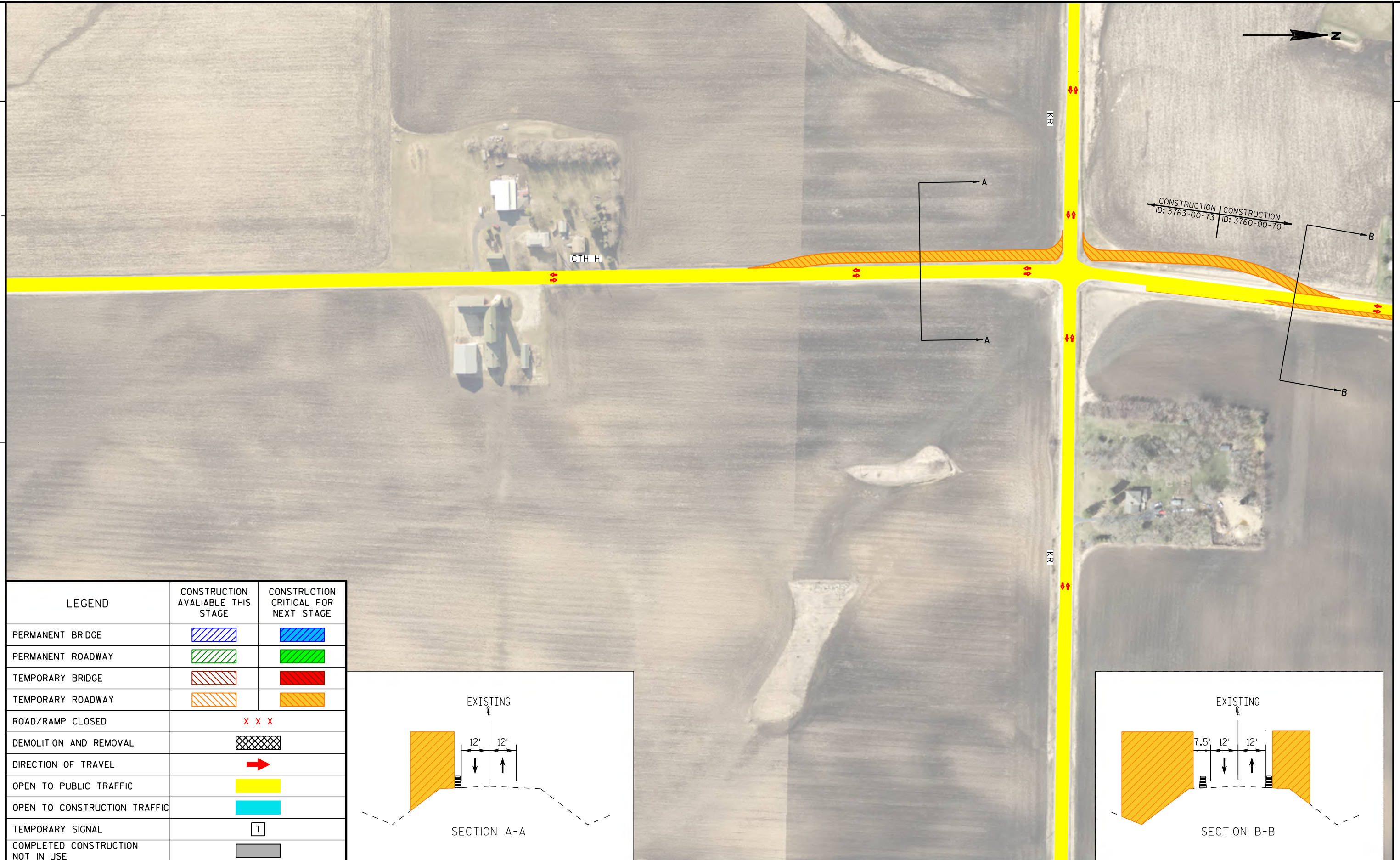
LEGEND

- (45) TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
- (49) TEMPORARY MARKING LINE EPOXY 8-INCH (YELLOW)

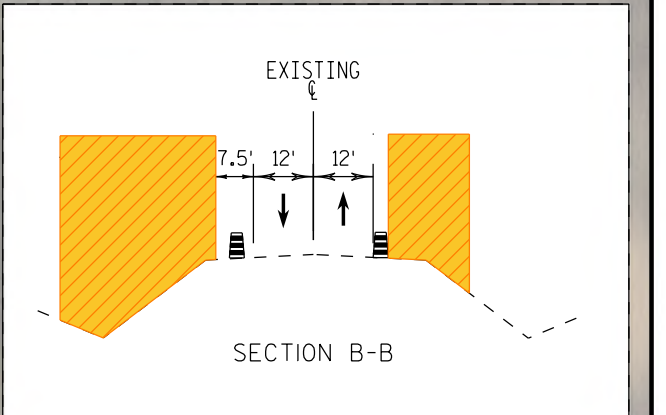
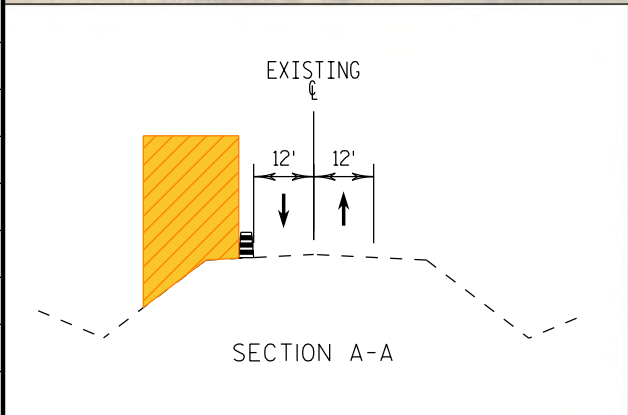
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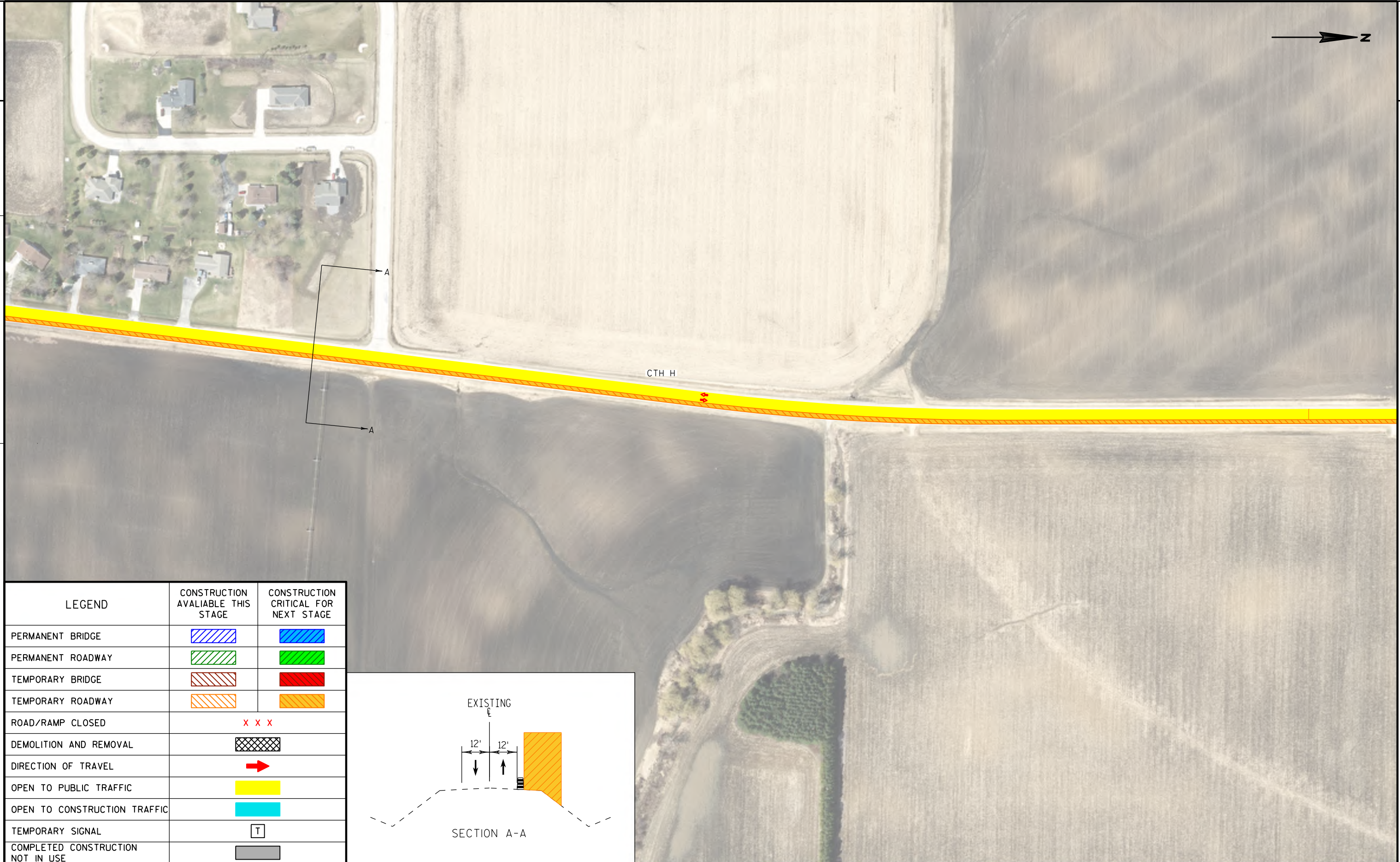




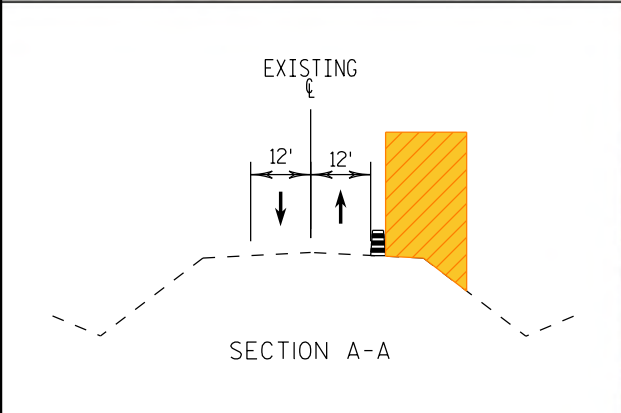


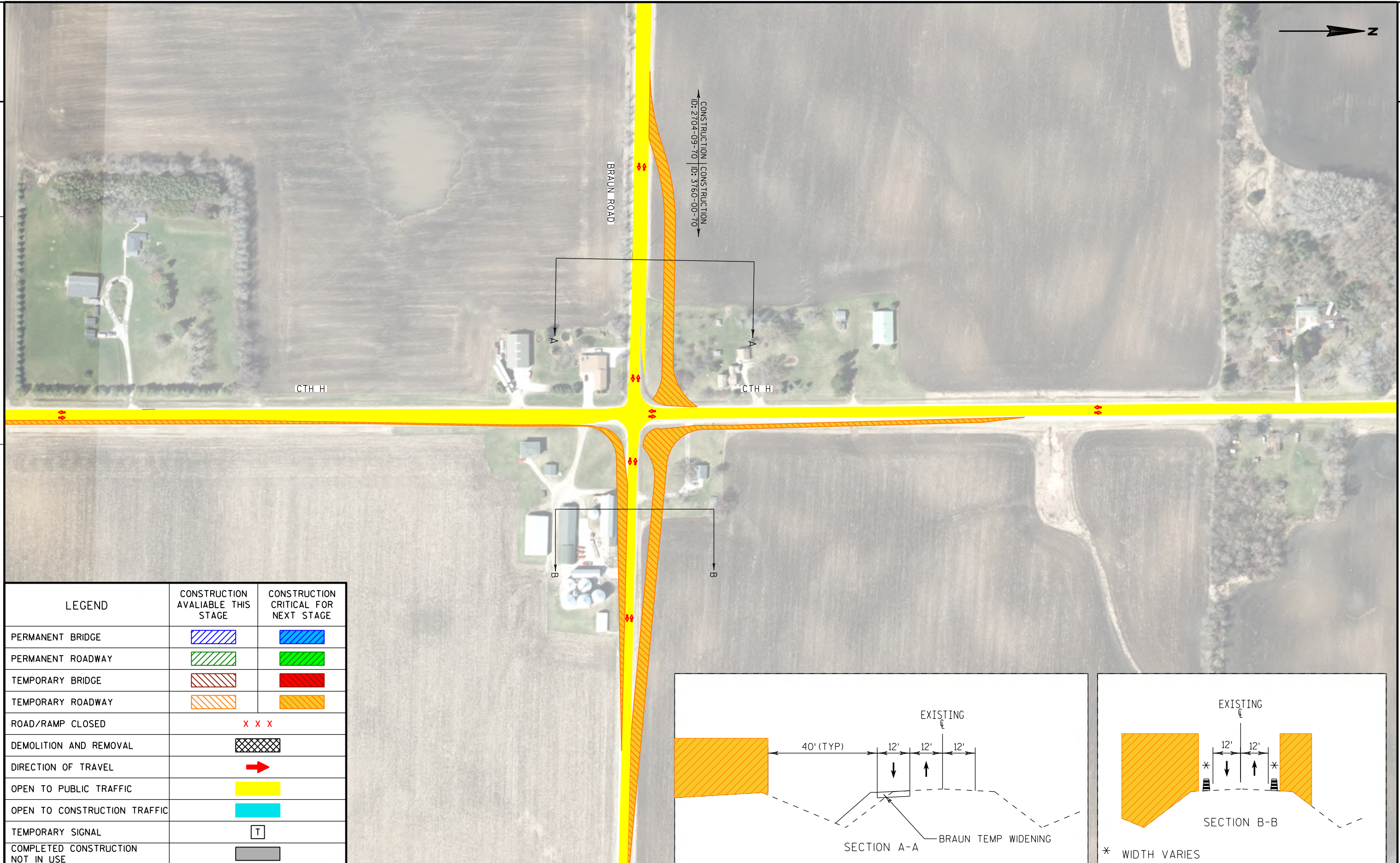
LEGEND	CONSTRUCTION AVAILABLE THIS STAGE	CONSTRUCTION CRITICAL FOR NEXT STAGE
PERMANENT BRIDGE		
PERMANENT ROADWAY		
TEMPORARY BRIDGE		
TEMPORARY ROADWAY		
ROAD/RAMP CLOSED	x x x	
DEMOLITION AND REMOVAL		
DIRECTION OF TRAVEL		
OPEN TO PUBLIC TRAFFIC		
OPEN TO CONSTRUCTION TRAFFIC		
TEMPORARY SIGNAL		
COMPLETED CONSTRUCTION NOT IN USE		



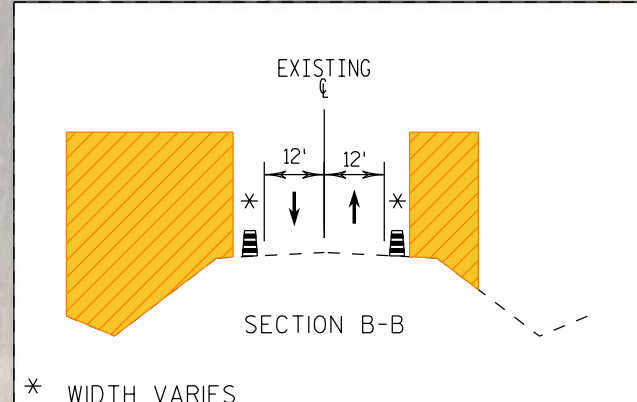
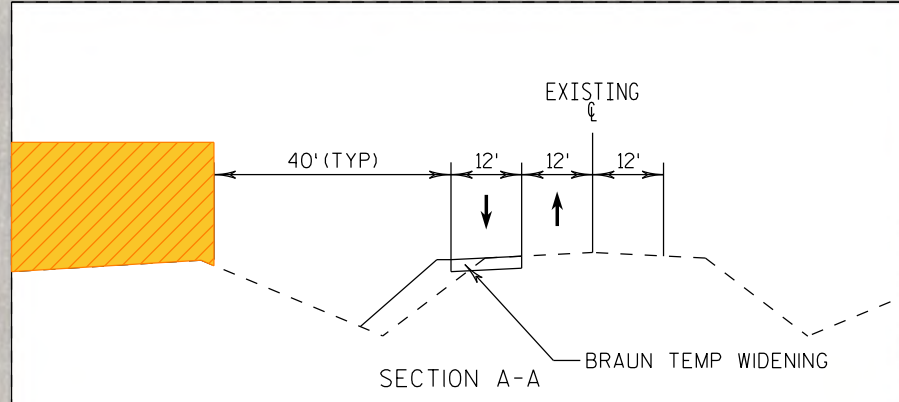


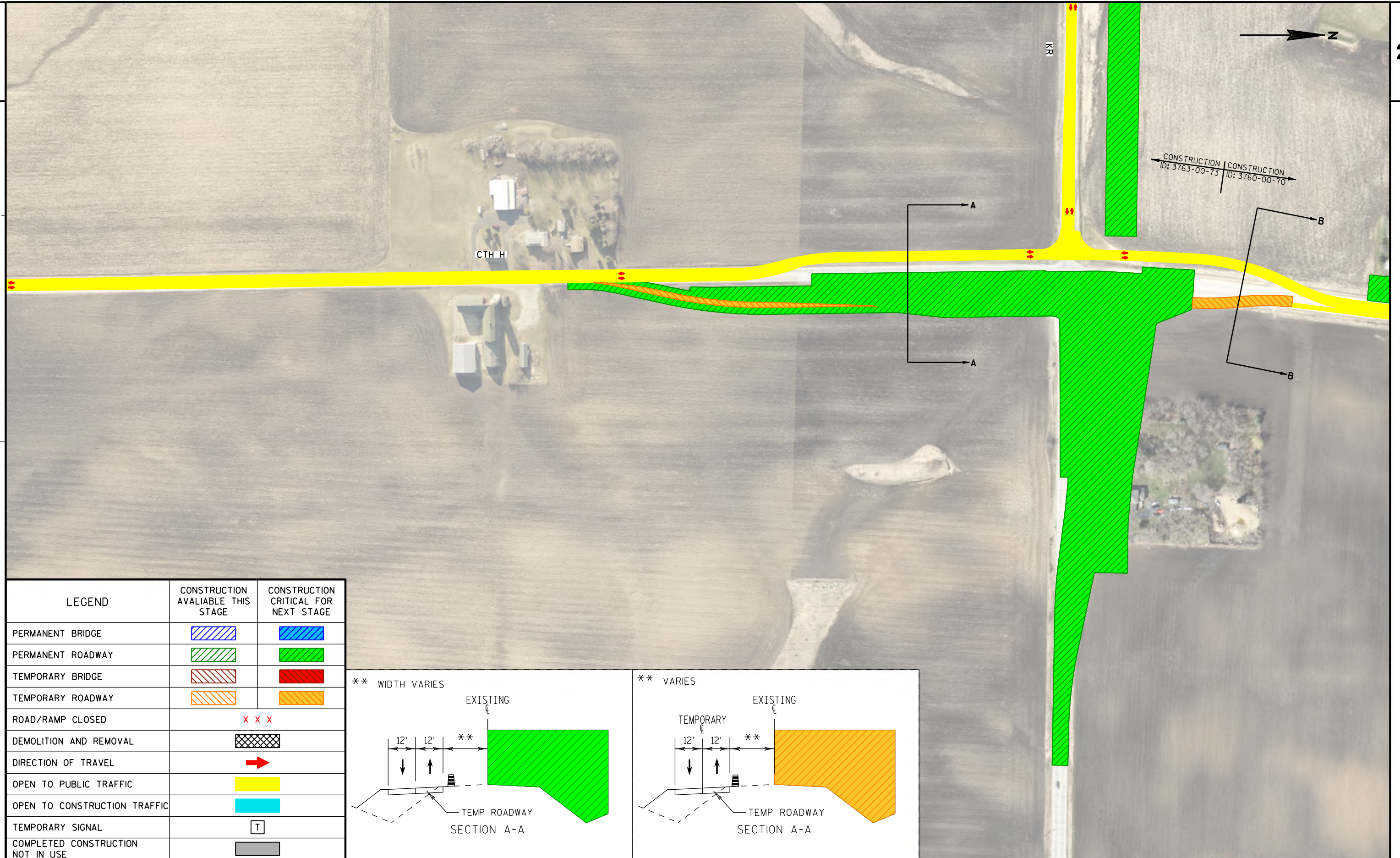
LEGEND	CONSTRUCTION AVAILABLE THIS STAGE	CONSTRUCTION CRITICAL FOR NEXT STAGE
PERMANENT BRIDGE		
PERMANENT ROADWAY		
TEMPORARY BRIDGE		
TEMPORARY ROADWAY		
ROAD/RAMP CLOSED	x x x	
DEMOLITION AND REMOVAL		
DIRECTION OF TRAVEL		
OPEN TO PUBLIC TRAFFIC		
OPEN TO CONSTRUCTION TRAFFIC		
TEMPORARY SIGNAL		
COMPLETED CONSTRUCTION NOT IN USE		



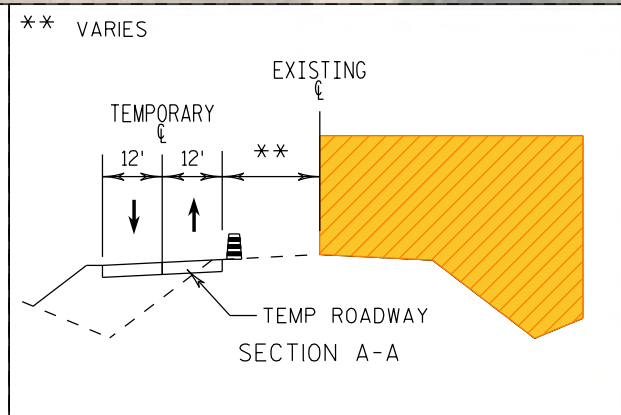
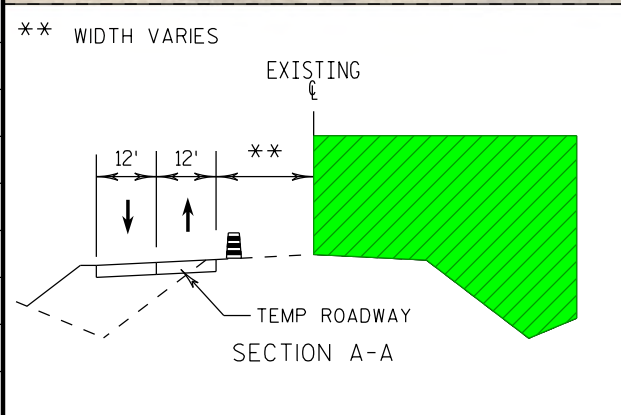


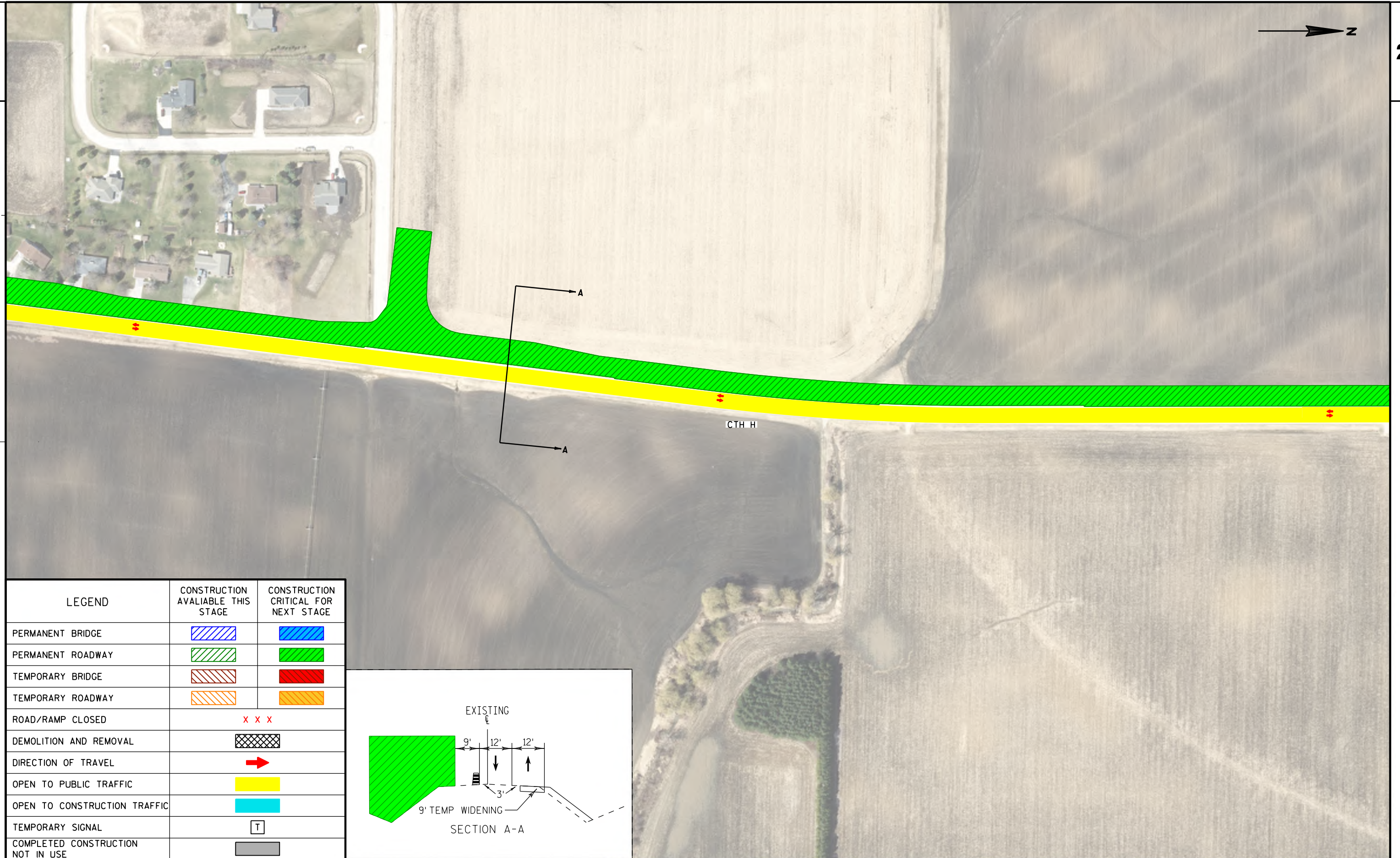
LEGEND	CONSTRUCTION AVAILABLE THIS STAGE	CONSTRUCTION CRITICAL FOR NEXT STAGE
PERMANENT BRIDGE		
PERMANENT ROADWAY		
TEMPORARY BRIDGE		
TEMPORARY ROADWAY		
ROAD/RAMP CLOSED	x x x	
DEMOLITION AND REMOVAL		
DIRECTION OF TRAVEL		
OPEN TO PUBLIC TRAFFIC		
OPEN TO CONSTRUCTION TRAFFIC		
TEMPORARY SIGNAL		
COMPLETED CONSTRUCTION NOT IN USE		



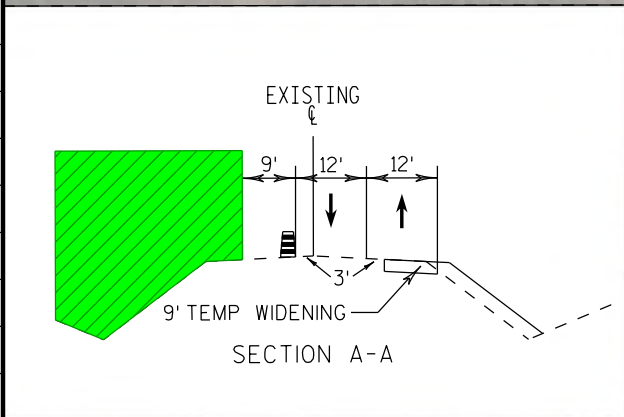


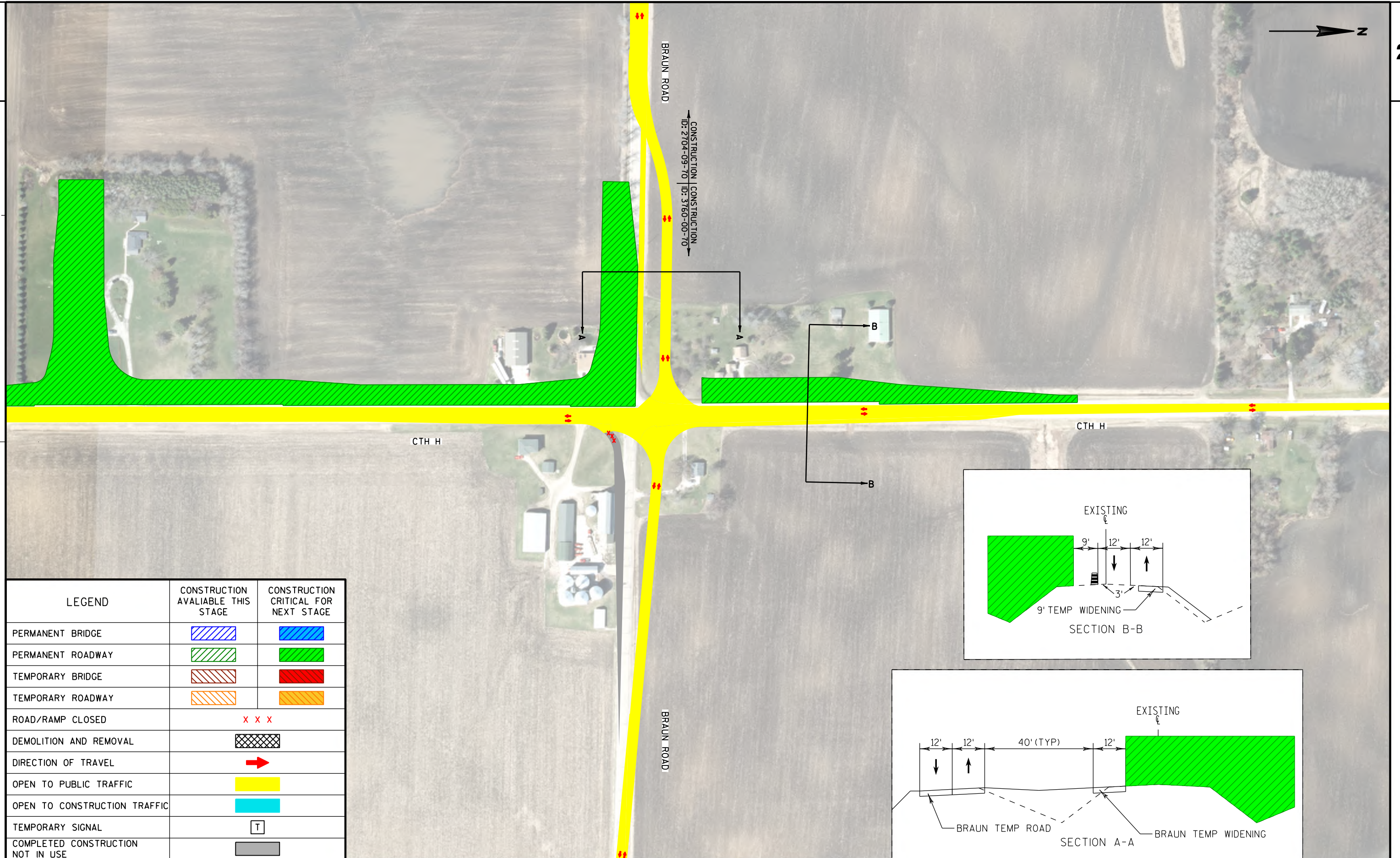
LEGEND	CONSTRUCTION AVAILABLE THIS STAGE	CONSTRUCTION CRITICAL FOR NEXT STAGE
PERMANENT BRIDGE		
PERMANENT ROADWAY		
TEMPORARY BRIDGE		
TEMPORARY ROADWAY		
ROAD/RAMP CLOSED	x x x	
DEMOLITION AND REMOVAL		
DIRECTION OF TRAVEL		
OPEN TO PUBLIC TRAFFIC		
OPEN TO CONSTRUCTION TRAFFIC		
TEMPORARY SIGNAL		
COMPLETED CONSTRUCTION NOT IN USE		



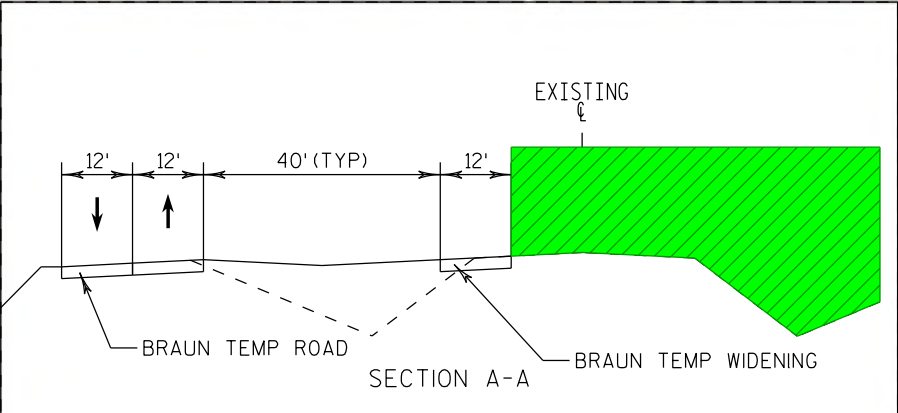
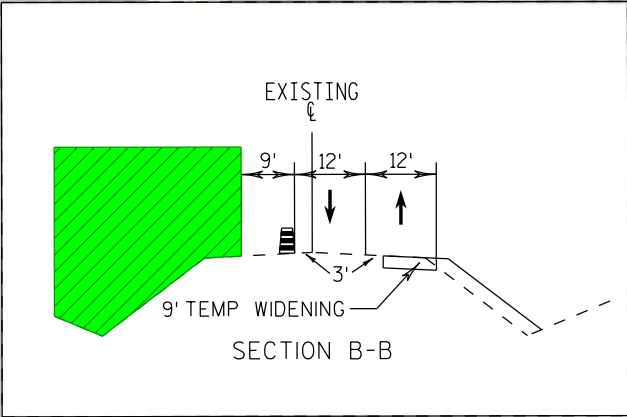


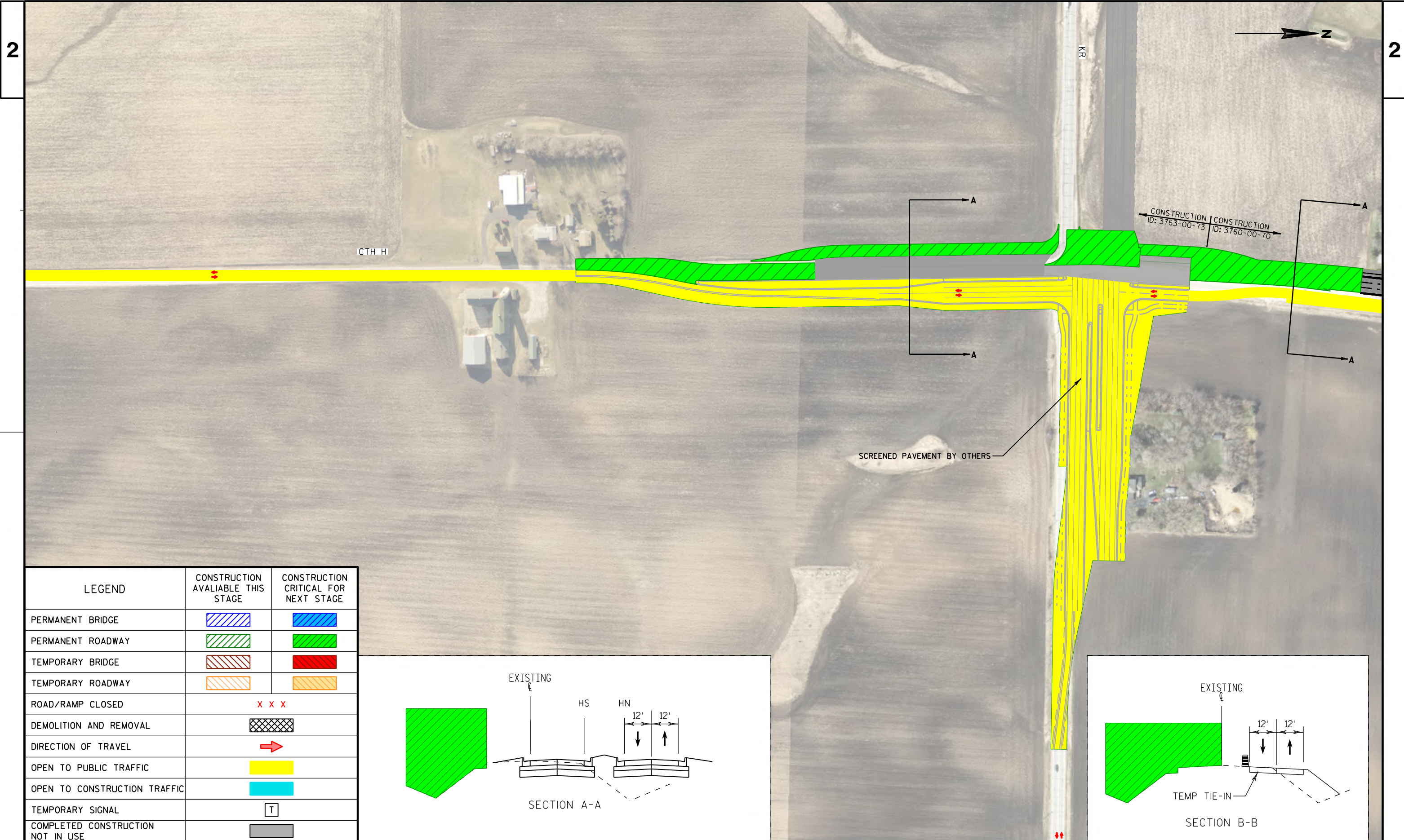
LEGEND	CONSTRUCTION AVAILABLE THIS STAGE	CONSTRUCTION CRITICAL FOR NEXT STAGE
PERMANENT BRIDGE		
PERMANENT ROADWAY		
TEMPORARY BRIDGE		
TEMPORARY ROADWAY		
ROAD/RAMP CLOSED	x x x	
DEMOLITION AND REMOVAL		
DIRECTION OF TRAVEL		
OPEN TO PUBLIC TRAFFIC		
OPEN TO CONSTRUCTION TRAFFIC		
TEMPORARY SIGNAL		
COMPLETED CONSTRUCTION NOT IN USE		



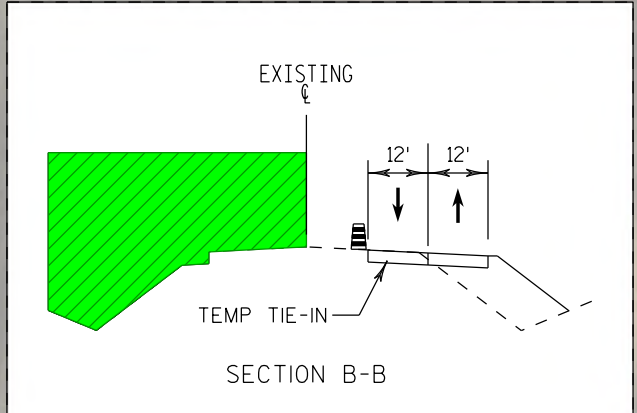
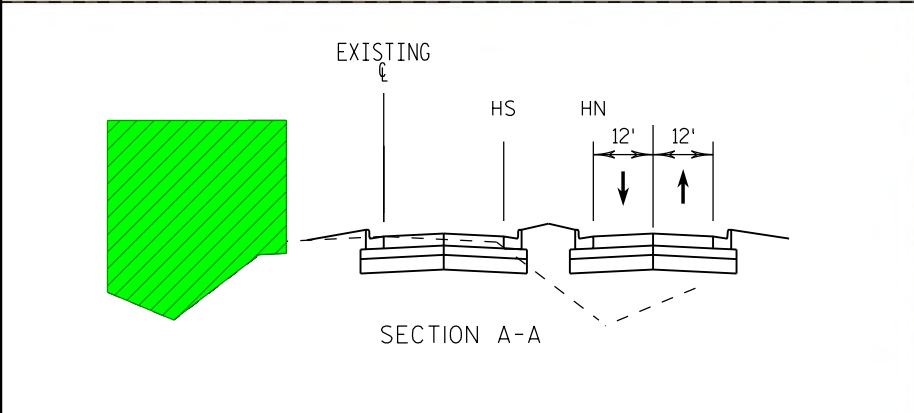


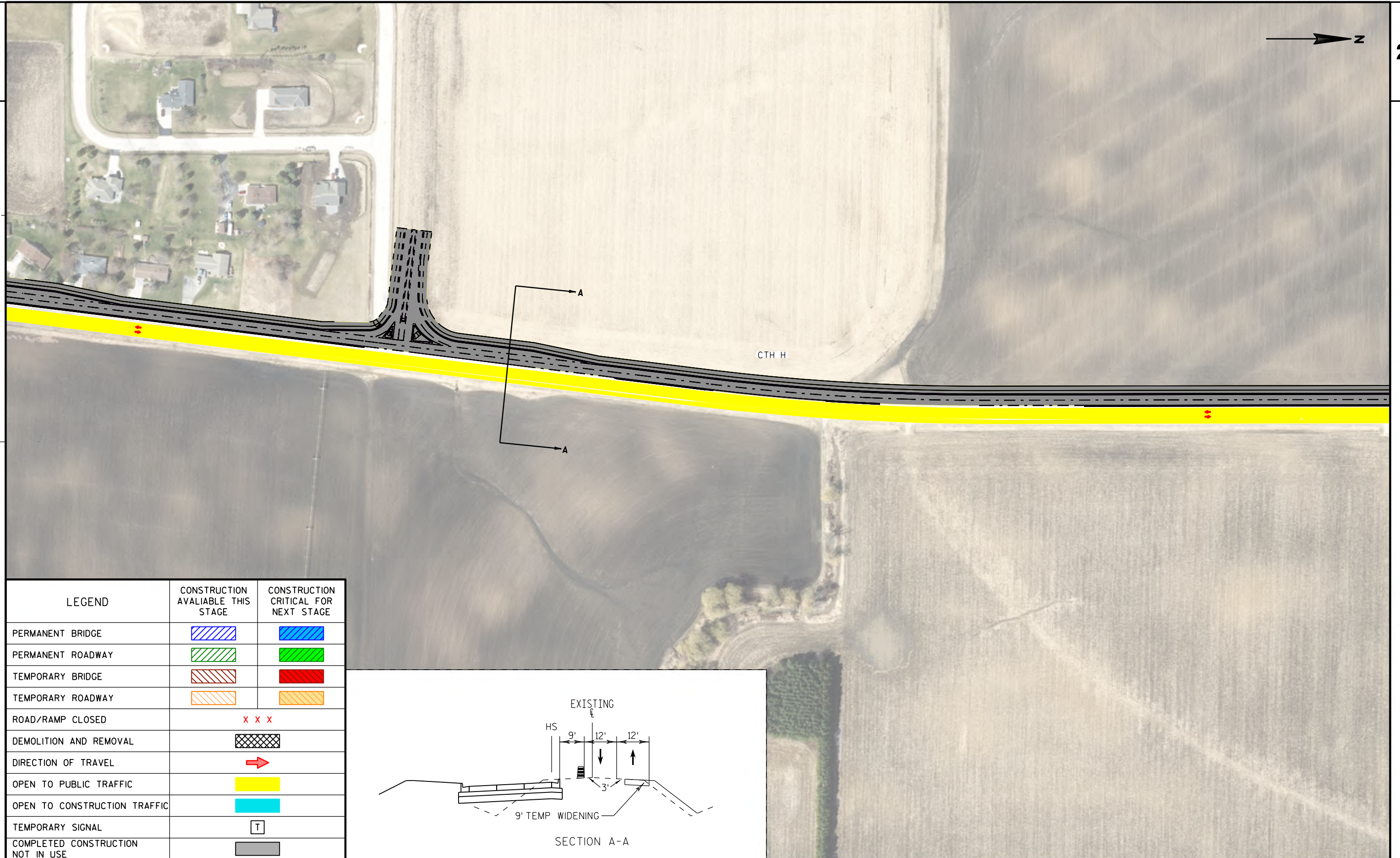
LEGEND	CONSTRUCTION AVAILABLE THIS STAGE	CONSTRUCTION CRITICAL FOR NEXT STAGE
PERMANENT BRIDGE		
PERMANENT ROADWAY		
TEMPORARY BRIDGE		
TEMPORARY ROADWAY		
ROAD/RAMP CLOSED	x x x	
DEMOLITION AND REMOVAL		
DIRECTION OF TRAVEL		
OPEN TO PUBLIC TRAFFIC		
OPEN TO CONSTRUCTION TRAFFIC		
TEMPORARY SIGNAL		
COMPLETED CONSTRUCTION NOT IN USE		



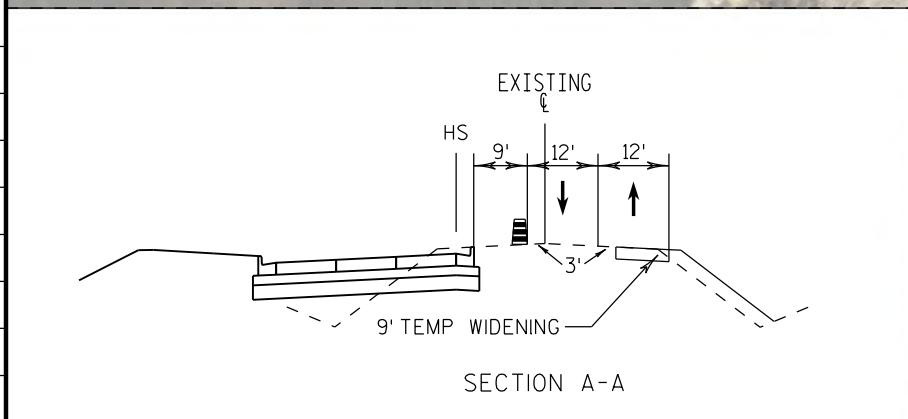


LEGEND	CONSTRUCTION AVAILABLE THIS STAGE	CONSTRUCTION CRITICAL FOR NEXT STAGE
PERMANENT BRIDGE		
PERMANENT ROADWAY		
TEMPORARY BRIDGE		
TEMPORARY ROADWAY		
ROAD/RAMP CLOSED	X X X	
DEMOLITION AND REMOVAL		
DIRECTION OF TRAVEL		
OPEN TO PUBLIC TRAFFIC		
OPEN TO CONSTRUCTION TRAFFIC		
TEMPORARY SIGNAL		
COMPLETED CONSTRUCTION NOT IN USE		



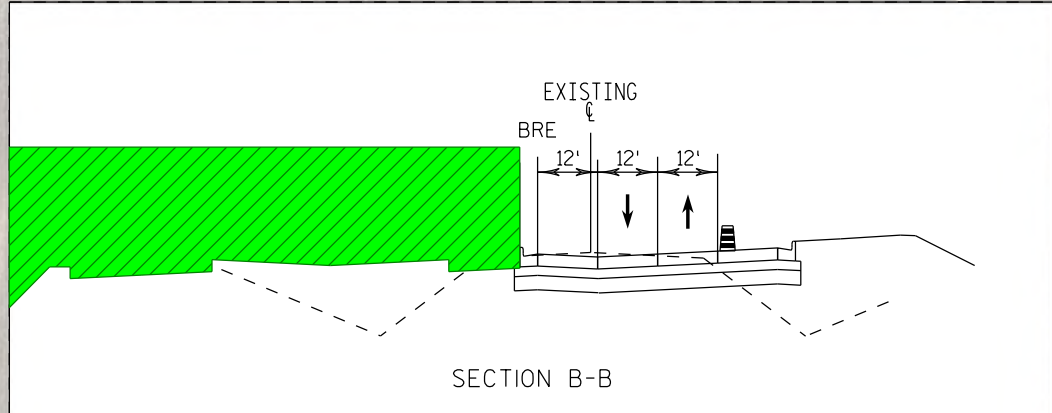
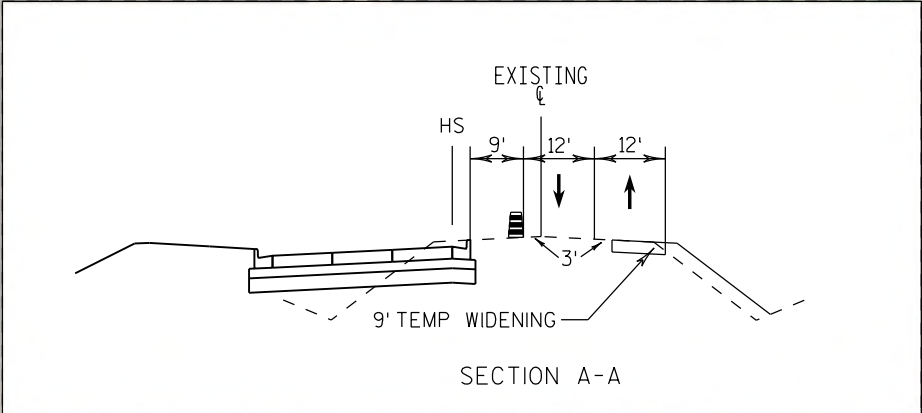


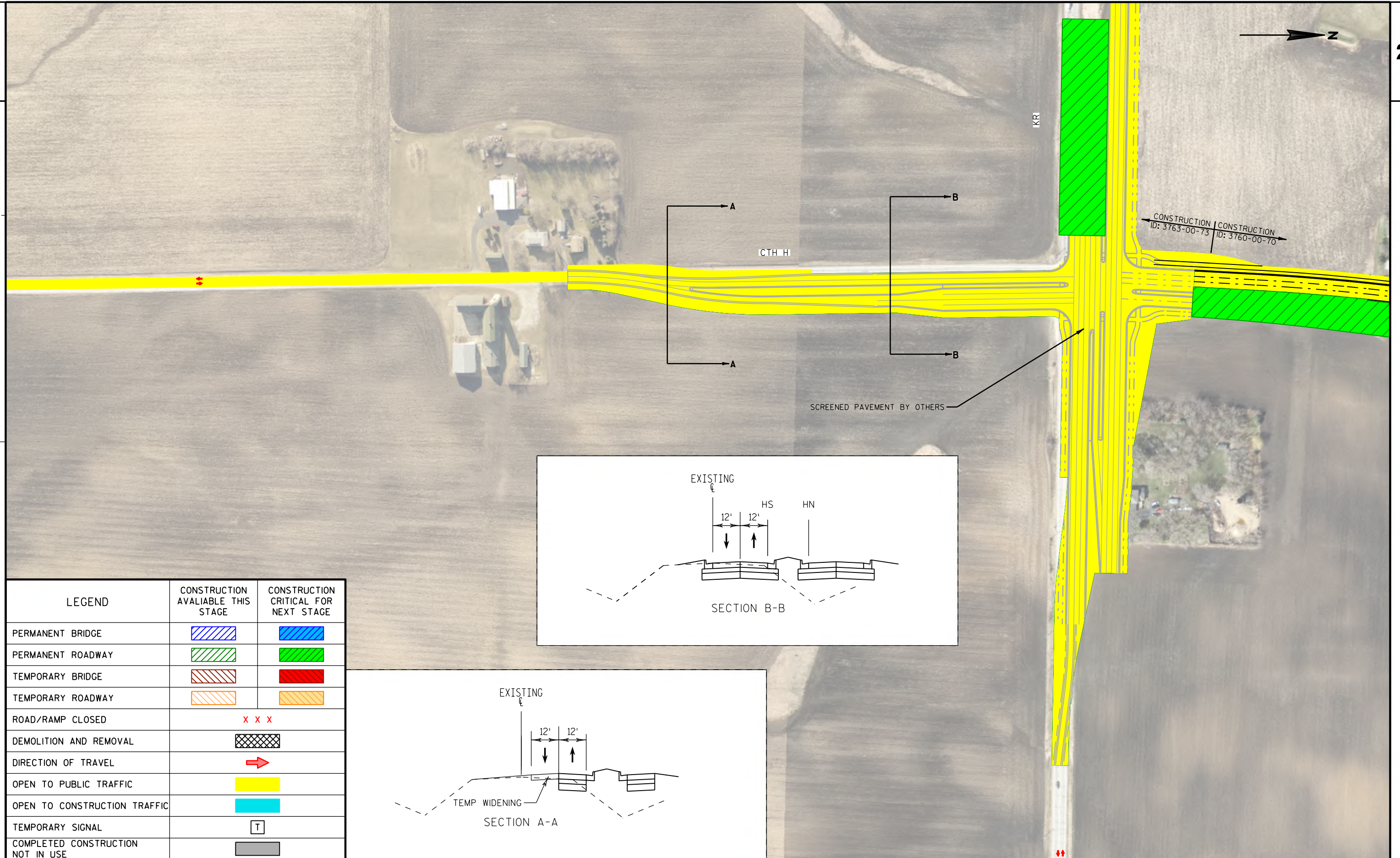
LEGEND	CONSTRUCTION AVAILABLE THIS STAGE	CONSTRUCTION CRITICAL FOR NEXT STAGE
PERMANENT BRIDGE		
PERMANENT ROADWAY		
TEMPORARY BRIDGE		
TEMPORARY ROADWAY		
ROAD/RAMP CLOSED	x x x	
DEMOLITION AND REMOVAL		
DIRECTION OF TRAVEL		
OPEN TO PUBLIC TRAFFIC		
OPEN TO CONSTRUCTION TRAFFIC		
TEMPORARY SIGNAL		
COMPLETED CONSTRUCTION NOT IN USE		



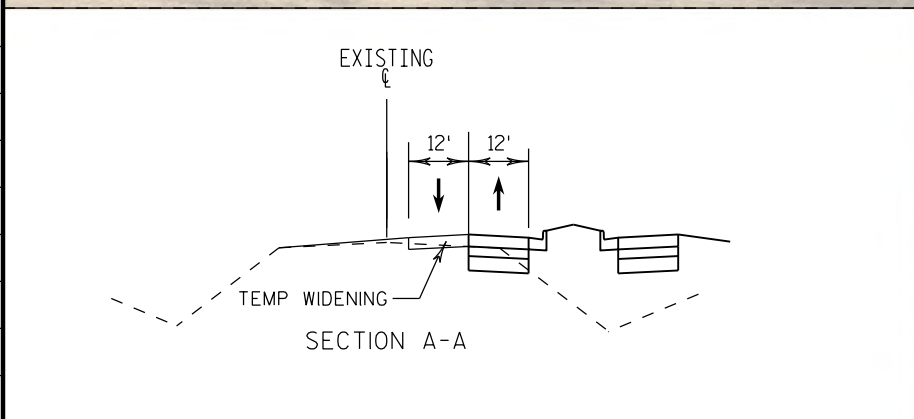
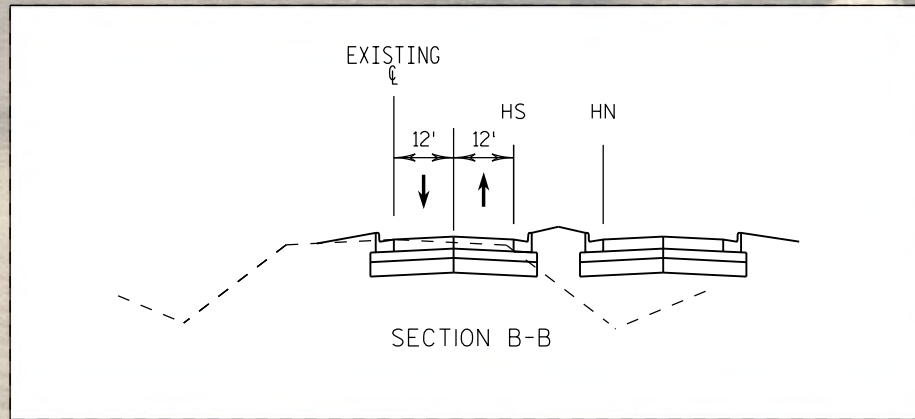


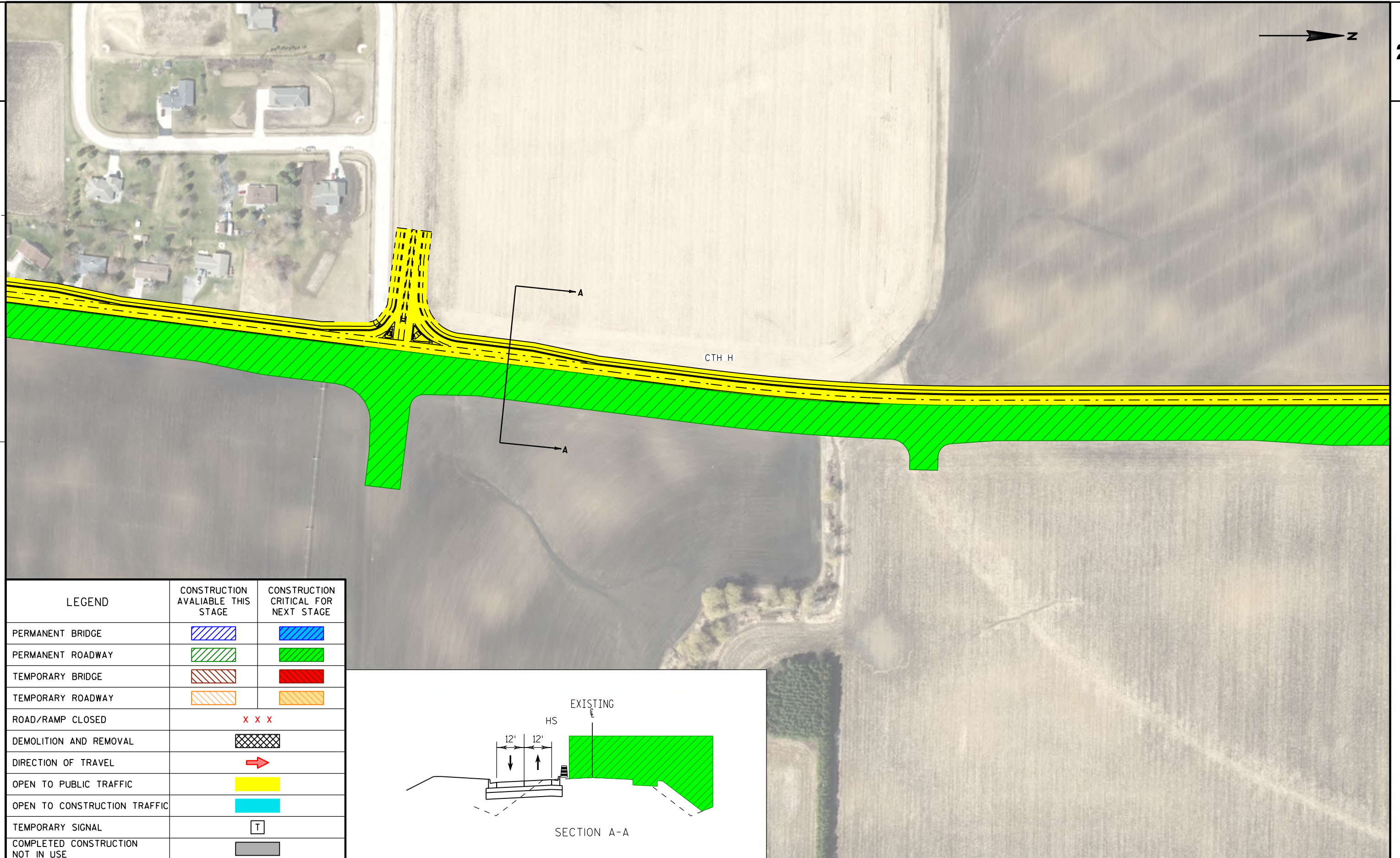
LEGEND	CONSTRUCTION AVAILABLE THIS STAGE	CONSTRUCTION CRITICAL FOR NEXT STAGE
PERMANENT BRIDGE		
PERMANENT ROADWAY		
TEMPORARY BRIDGE		
TEMPORARY ROADWAY		
ROAD/RAMP CLOSED	x x x	
DEMOLITION AND REMOVAL		
DIRECTION OF TRAVEL		
OPEN TO PUBLIC TRAFFIC		
OPEN TO CONSTRUCTION TRAFFIC		
TEMPORARY SIGNAL		
COMPLETED CONSTRUCTION NOT IN USE		



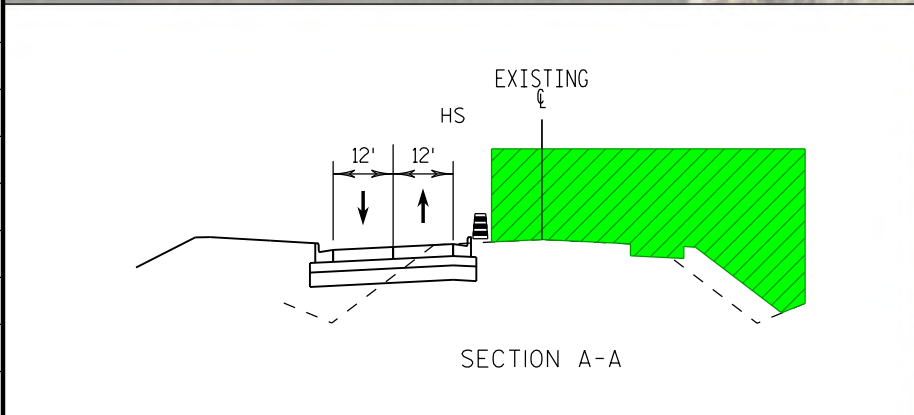


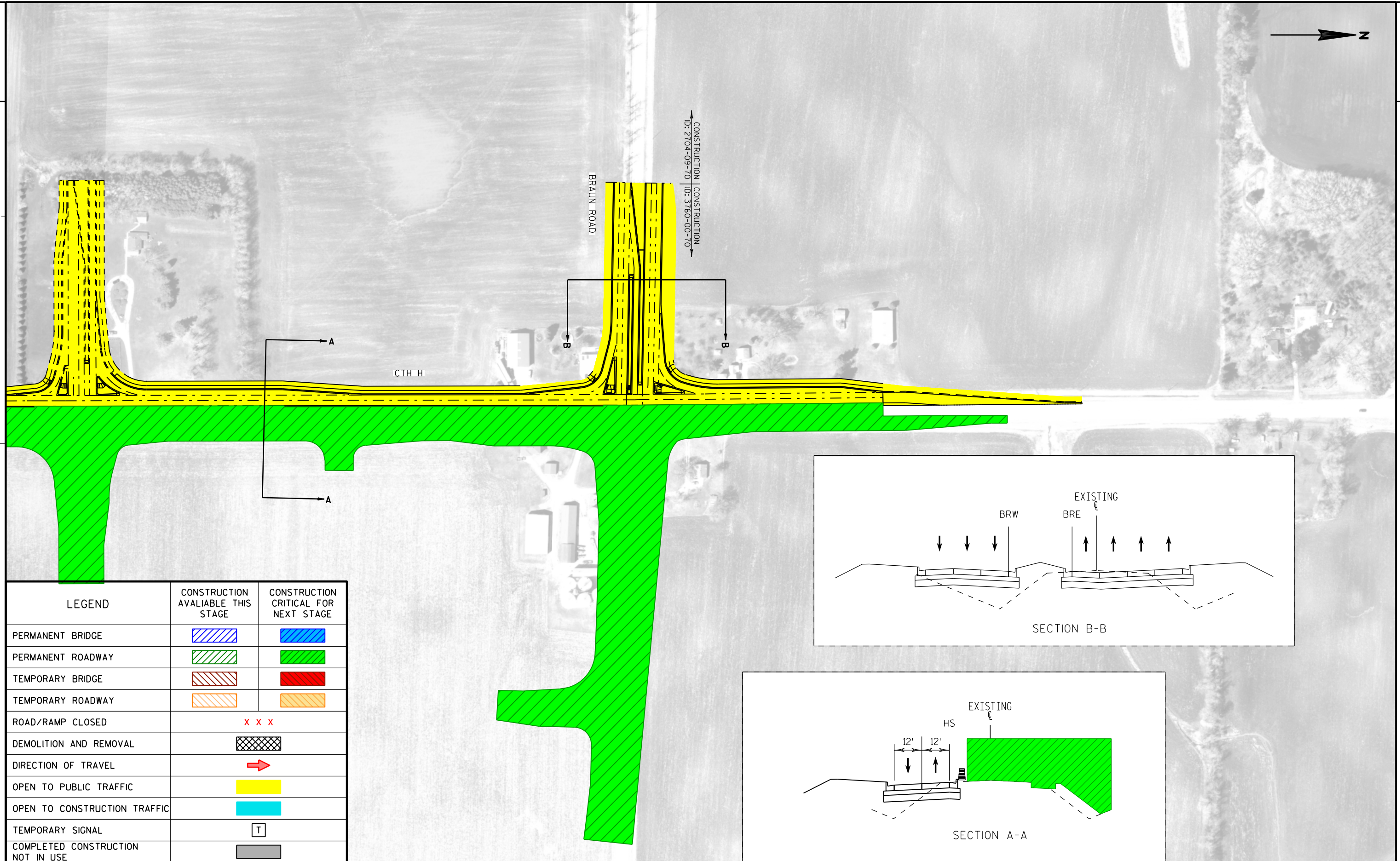
LEGEND	CONSTRUCTION AVAILABLE THIS STAGE	CONSTRUCTION CRITICAL FOR NEXT STAGE
PERMANENT BRIDGE		
PERMANENT ROADWAY		
TEMPORARY BRIDGE		
TEMPORARY ROADWAY		
ROAD/RAMP CLOSED	x x x	
DEMOLITION AND REMOVAL		
DIRECTION OF TRAVEL		
OPEN TO PUBLIC TRAFFIC		
OPEN TO CONSTRUCTION TRAFFIC		
TEMPORARY SIGNAL		
COMPLETED CONSTRUCTION NOT IN USE		



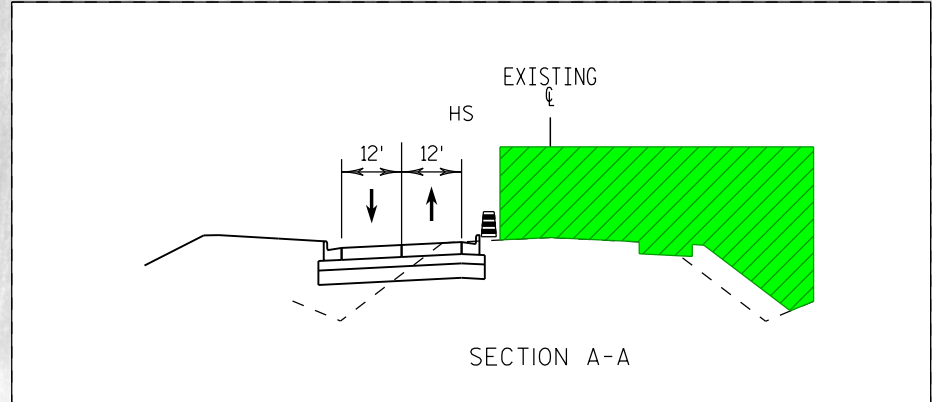
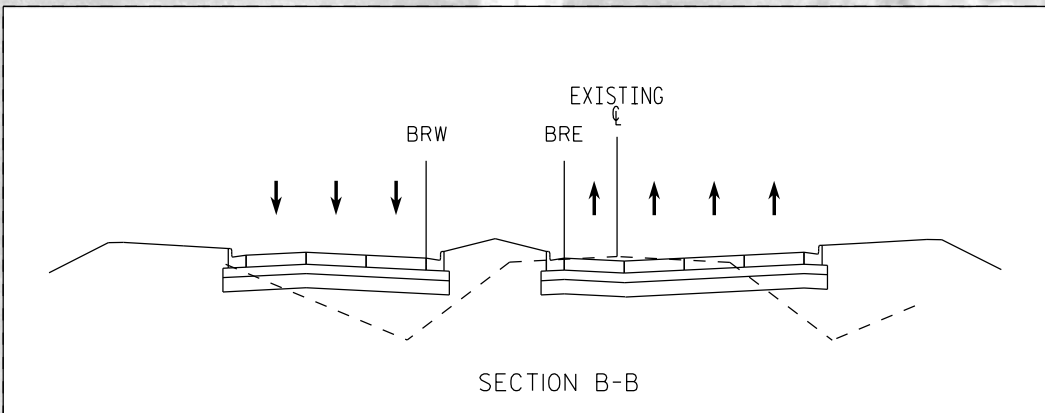


LEGEND	CONSTRUCTION AVAILABLE THIS STAGE	CONSTRUCTION CRITICAL FOR NEXT STAGE
PERMANENT BRIDGE		
PERMANENT ROADWAY		
TEMPORARY BRIDGE		
TEMPORARY ROADWAY		
ROAD/RAMP CLOSED	x x x	
DEMOLITION AND REMOVAL		
DIRECTION OF TRAVEL		
OPEN TO PUBLIC TRAFFIC		
OPEN TO CONSTRUCTION TRAFFIC		
TEMPORARY SIGNAL		
COMPLETED CONSTRUCTION NOT IN USE		



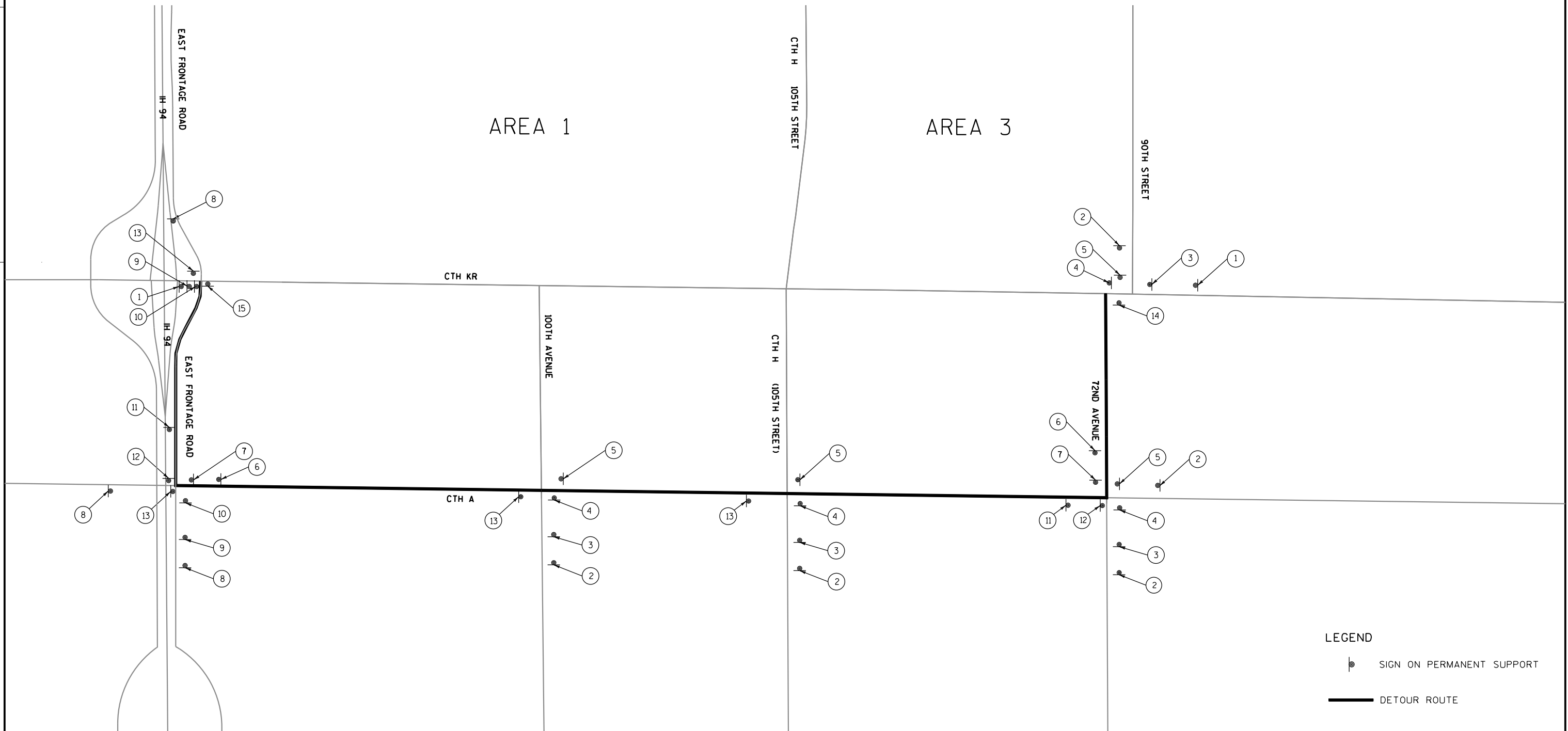


LEGEND	CONSTRUCTION AVAILABLE THIS STAGE	CONSTRUCTION CRITICAL FOR NEXT STAGE
PERMANENT BRIDGE		
PERMANENT ROADWAY		
TEMPORARY BRIDGE		
TEMPORARY ROADWAY		
ROAD/RAMP CLOSED	x x x	
DEMOLITION AND REMOVAL		
DIRECTION OF TRAVEL		
OPEN TO PUBLIC TRAFFIC		
OPEN TO CONSTRUCTION TRAFFIC		
TEMPORARY SIGNAL		
COMPLETED CONSTRUCTION NOT IN USE		

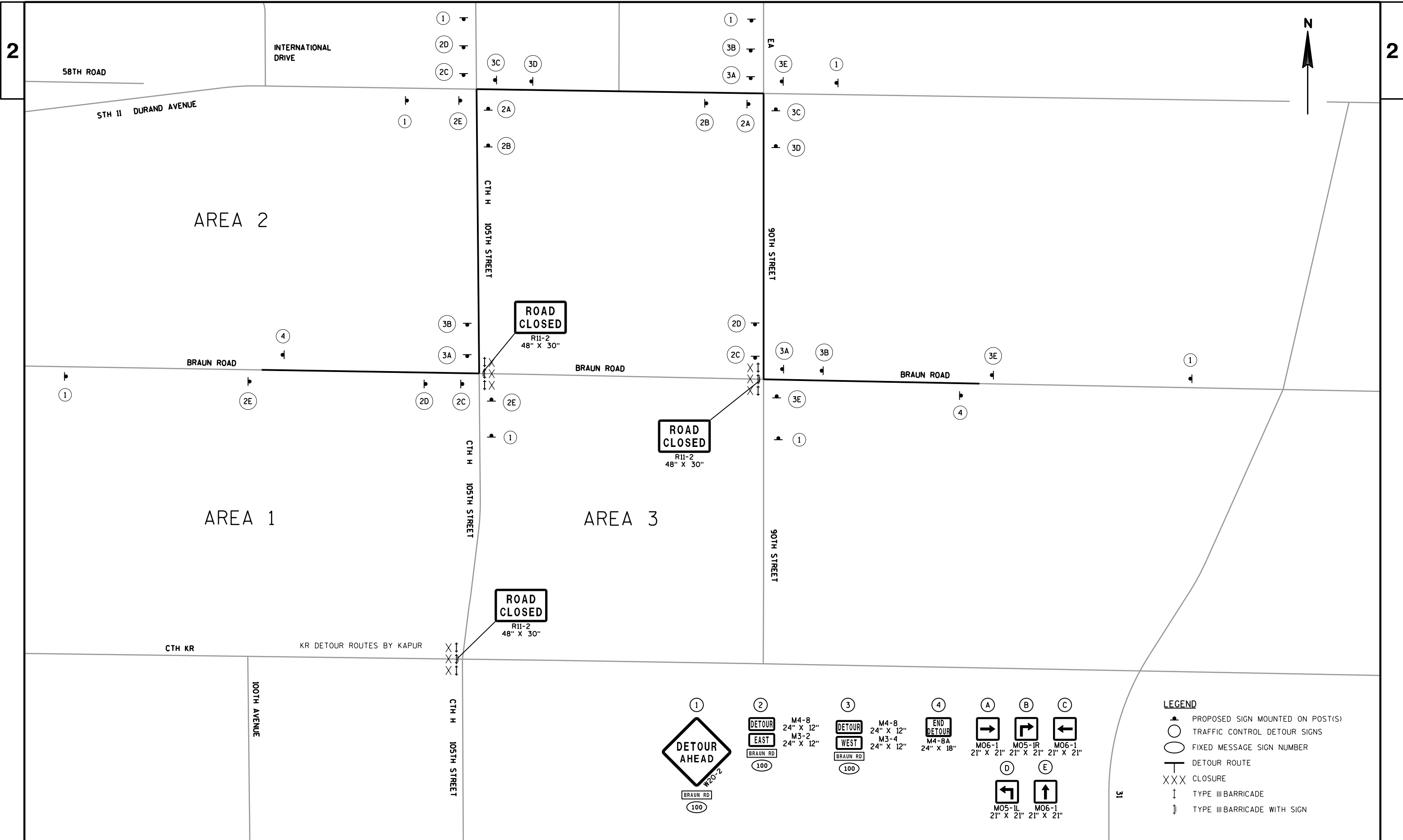




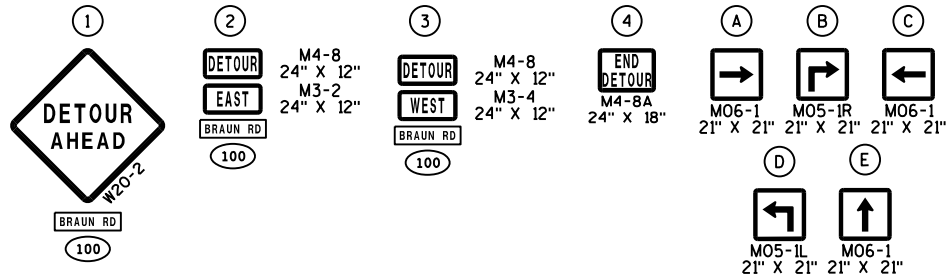
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15



PROJECT NO: 3760-00-70	HWY: CTH H	COUNTY: RACINE	DETOUR PLAN: CTH KR DETOUR	SHEET	E
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- LEGEND**
- PROPOSED SIGN MOUNTED ON POST(S)
 - TRAFFIC CONTROL DETOUR SIGNS
 - FIXED MESSAGE SIGN NUMBER
 - DETOUR ROUTE
 - CLOSURE
 - TYPE III BARRICADE
 - TYPE III BARRICADE WITH SIGN



PROJECT NO: 3760-00-70

HWY: CTH-H

COUNTY: RACINE

DETOUR PLAN: BRAUN ROAD DETOUR

SHEET

E

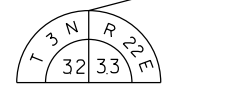
NOTE:
 1) SEE CONTROL AND BENCHMARK OVERVIEW FOR BENCHMARKS
 2) FOR CTH KR ALIGNMENT AND INFORMATION SEE "ALIGNMENT DIAGRAM - CTH KR".
 3) FOR CTH H STG 1 ALIGNMENT INFORMATION SEE "ALIGNMENT DIAGRAM - CTH H STG 1".



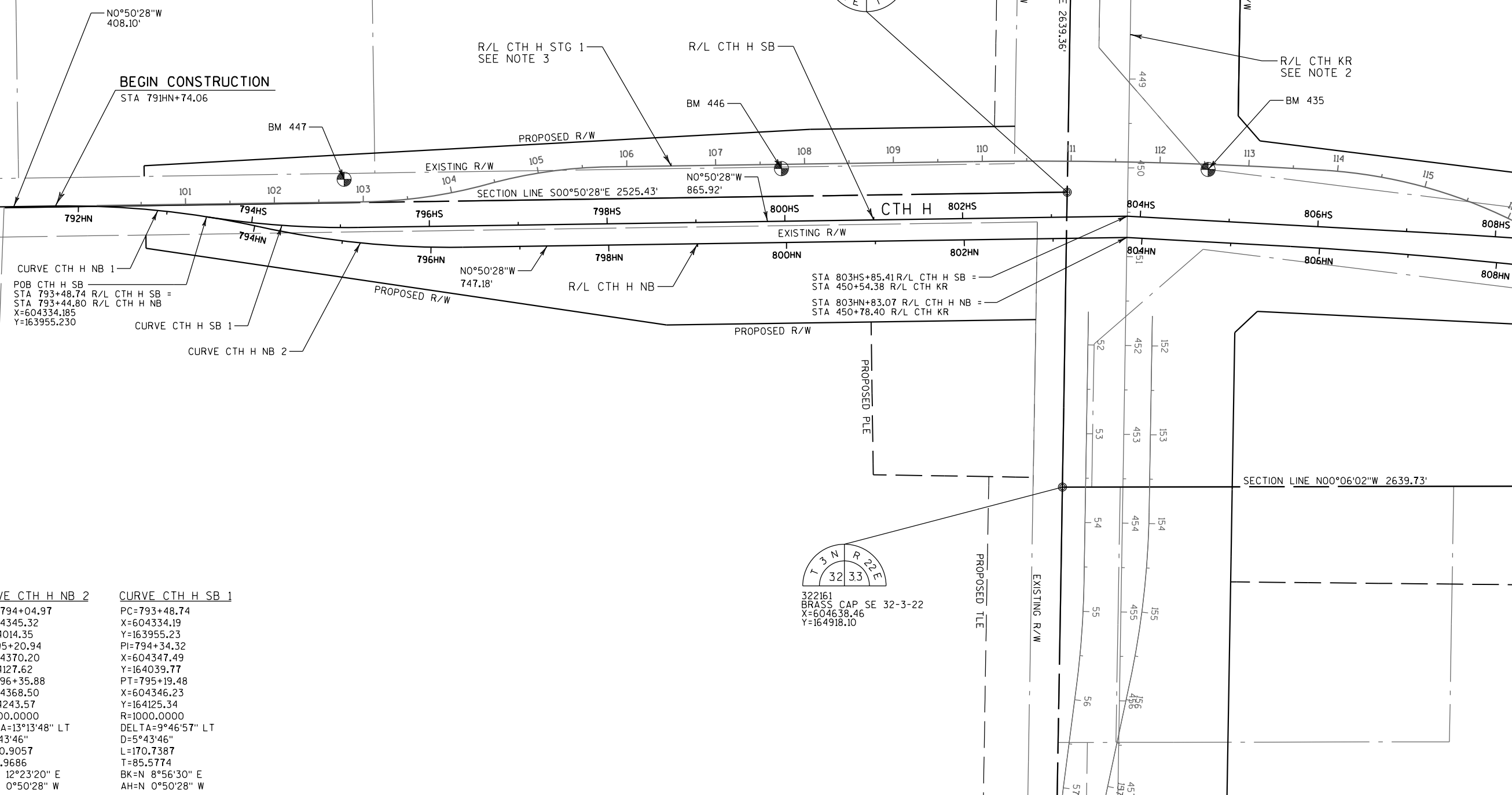
KENOSHA COUNTY

RACINE COUNTY

222005
 BRASS CAP NE 5-2-22
 X=604306.53
 Y=164923.50



322161
 BRASS CAP SE 32-3-22
 X=604638.46
 Y=164918.10



POB CTH H SB
 STA 793+48.74 R/L CTH H SB =
 STA 793+44.80 R/L CTH H NB =
 X=604334.185
 Y=163955.230

STA 803HS+85.41 R/L CTH H SB =
 STA 450+54.38 R/L CTH KR
 STA 803HN+83.07 R/L CTH H NB =
 STA 450+78.40 R/L CTH KR

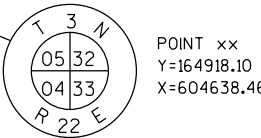
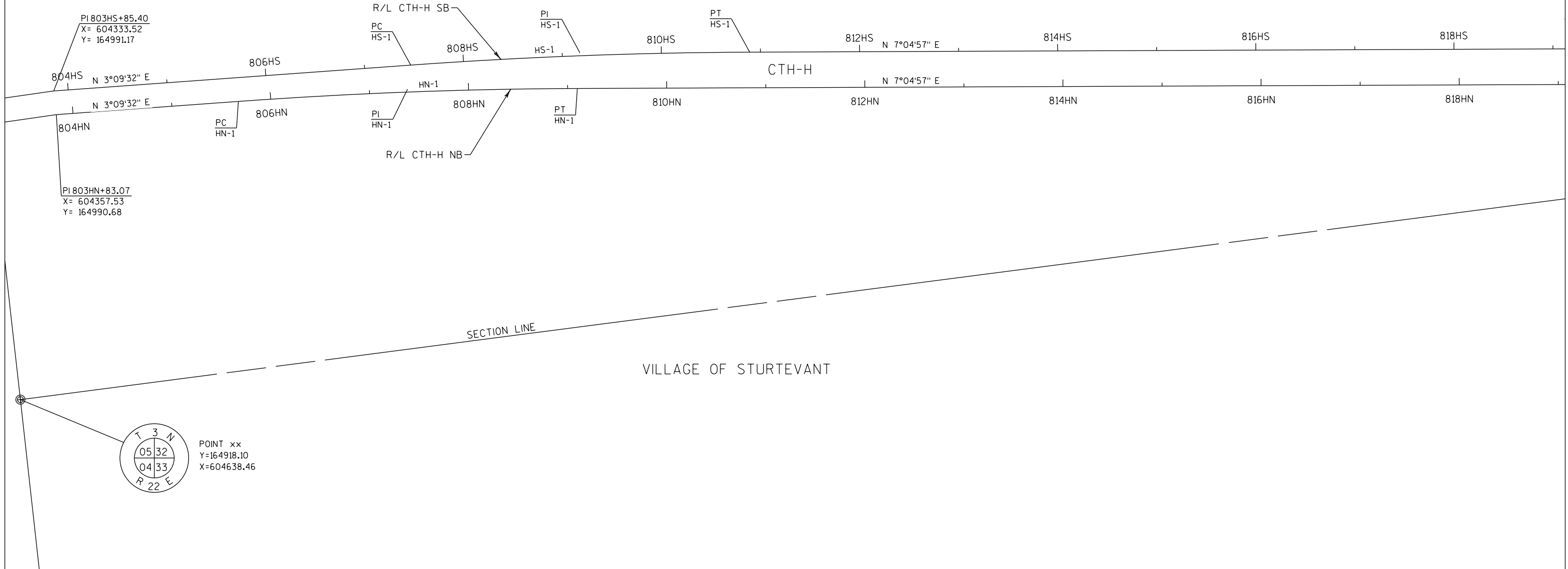
CURVE CTH H NB 1	CURVE CTH H NB 2	CURVE CTH H SB 1
PC=791+74.07	PRC=794+04.97	PC=793+48.74
X=604322.14	X=604345.32	X=604334.19
Y=163785.13	Y=164014.35	Y=163955.23
PI=792+90.03	PI=795+20.94	PI=794+34.32
X=604320.44	X=604370.20	X=604347.49
Y=163901.08	Y=164127.62	Y=164039.77
PRC=794+04.97	PT=796+35.88	PT=795+19.48
X=604345.32	X=604368.50	X=604346.23
Y=164014.35	Y=164243.57	Y=164125.34
R=1000.0000	R=1000.0000	R=1000.0000
DELTA=13°13'48" RT	DELTA=13°13'48" LT	DELTA=9°46'57" LT
D=5°43'46"	D=5°43'46"	D=5°43'46"
L=230.9057	L=230.9057	L=170.7387
T=115.9686	T=115.9686	T=85.5774
BK=N 0°50'28" W	BK=N 12°23'20" E	BK=N 8°56'30" E
AH=N 12°23'20" E	AH=N 0°50'28" W	AH=N 0°50'28" W

<u>POINT OF BEGINNING : HS</u>	<u>CURVE : HN-1</u>	<u>CURVE : HS-1</u>
PI = 793HS+48.74	PC = 805HN+67.33	PC = 807HS+46.70
X = 604334.19	X = 604367.68	X = 604353.43
Y = 163955.23	Y = 165174.67	Y = 165351.91
AH = N 8° 56' 30" E	PI = 807HN+38.60	PI = 809HS+17.97
	X = 604377.12	X = 604362.87
	Y = 165345.67	Y = 165522.92
<u>POINT OF BEGINNING : HN</u>	PT = 809HN+09.73	PT = 810HS+89.10
PI = 787HN+65.96	X = 604398.24	X = 604383.98
X = 604328.13	Y = 165515.64	Y = 165692.88
Y = 163377.06		
AH = N 0° 50' 28" W	R = 5000.00'	R = 5000.00'
	DELTA = 3°55'25"	DELTA = 3°55'25"
	D = 1°08'45"	D = 1°08'45"
	L = 342.40	L = 342.40
	T = 171.27	T = 171.27
	E = 2.93	E = 2.93
	BK = N 3°09'32" E	BK = N 3°09'32" E
	AH = N 7°04'57" E	AH = N 7°04'57" E



VILLAGE OF MT PLEASANT

VILLAGE OF STURTEVANT



POINT OF BEGINNING : FC7A
 PI = 3006FC7A+00.00
 X = 604193.76
 Y = 166594.95
 AH = S 82° 55' 03" E

POINT OF BEGINNING : FC7B
 PI = 3006FC7B+00.00
 X = 604192.28
 Y = 166583.04
 AH = S 82° 55' 03" E

POINT OF BEGINNING : FC7C
 PI = 4000FC7C+00.00
 X = 604527.19
 Y = 166553.52
 AH = S 82° 55' 03" E

POINT OF BEGINNING : FC7D
 PI = 4000FC7D+00.00
 X = 604525.71
 Y = 166541.62
 AH = S 82° 55' 03" E

POINT OF END : FCTA
 PI = 3009FCTA+00.00
 X = 604491.47
 Y = 166557.96
 AH = S 82° 55' 03" E

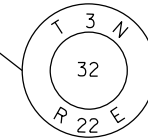
POINT OF END : FCTB
 PI = 3009FCTB+00
 X = 604489.99
 Y = 166546.05
 AH = S 82° 55' 03" E

POINT OF END : FCTC
 PI = 4003FCTC+00.00
 X = 604824.90
 Y = 166516.53
 AH = S 82° 55' 03" E

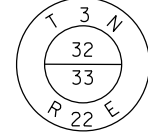
POINT OF END : FCTD
 PI = 4003FCTD+00.00
 X = 604823.42
 Y = 166504.63
 AH = S 82° 55' 03" E

VILLAGE OF MT PLEASANT

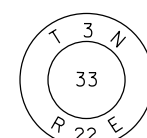
VILLAGE OF STURTEVANT



POINT xx
 Y=167604.91
 X=601985.03

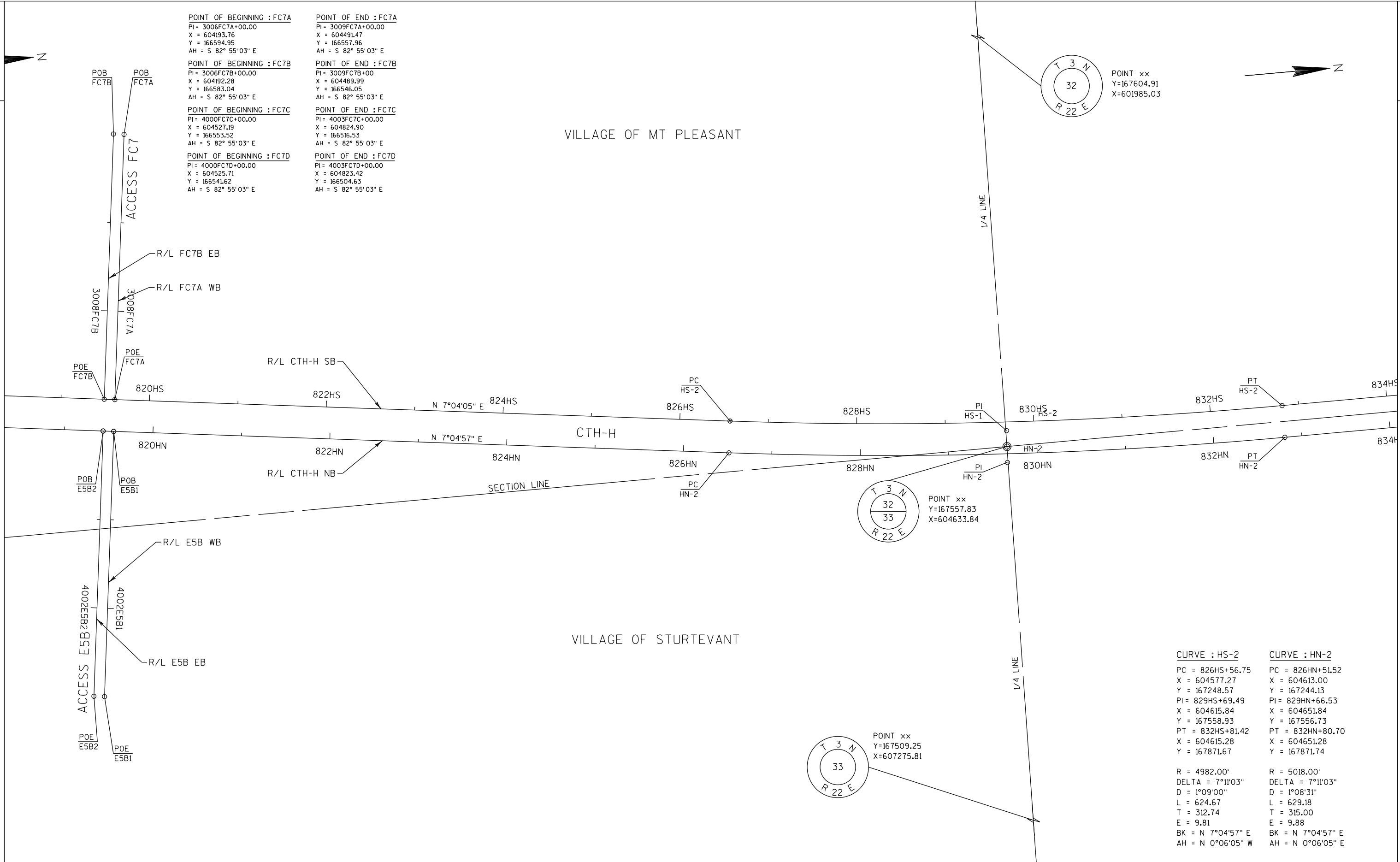


POINT xx
 Y=167557.83
 X=604633.84



POINT xx
 Y=167509.25
 X=607275.81

CURVE : HS-2	CURVE : HN-2
PC = 826HS+56.75	PC = 826HN+51.52
X = 604577.27	X = 604613.00
Y = 167248.57	Y = 167244.13
PI = 829HS+69.49	PI = 829HN+66.53
X = 604615.84	X = 604651.84
Y = 167558.93	Y = 167556.73
PT = 832HS+81.42	PT = 832HN+80.70
X = 604615.28	X = 604651.28
Y = 167871.67	Y = 167871.74
R = 4982.00'	R = 5018.00'
DELTA = 7°11'03"	DELTA = 7°11'03"
D = 1°09'00"	D = 1°08'31"
L = 624.67	L = 629.18
T = 312.74	T = 315.00
E = 9.81	E = 9.88
BK = N 7°04'57" E	BK = N 7°04'57" E
AH = N 0°06'05" W	AH = N 0°06'05" E



POINT OF BEGINNING : FC6A
 PI = 1003FC6A+00.00
 X = 604013.29
 Y = 168995.12
 AH = N 89° 53' 55" E

POINT OF BEGINNING : FC6B
 PI = 1003FC6B+00.00
 X = 604013.35
 Y = 168995.12
 AH = N 89° 53' 55" E

POINT OF BEGINNING : ESA1
 PI = 2000FC6C+00.00
 X = 604649.29
 Y = 168996.25
 AH = N 89° 53' 55" E

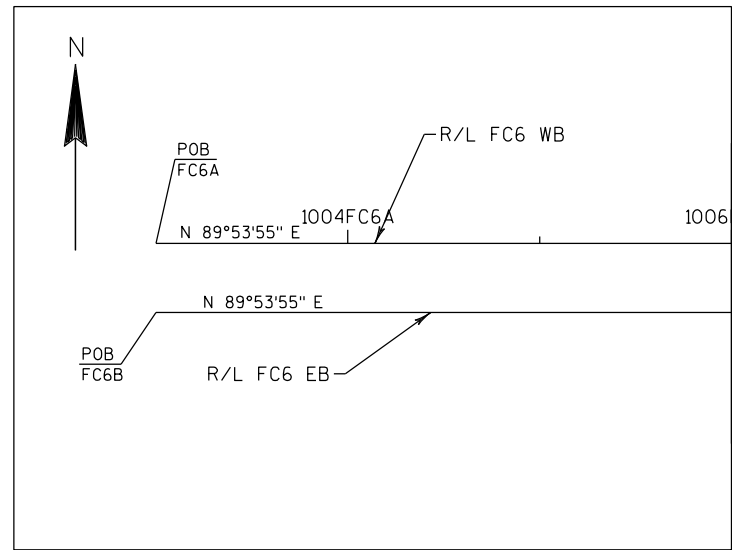
POINT OF BEGINNING : ESA2
 PI = 2000FC7D+00.00
 X = 604649.35
 Y = 168960.25
 AH = N 89° 53' 55" E

POINT OF END : FC6A
 PI = 1009FC6A+00.00
 X = 604613.29
 Y = 168996.18
 AH = N 89° 53' 55" E

POINT OF END : FC6B
 PI = 1009FC6B+00.00
 X = 604613.35
 Y = 168960.18
 AH = N 89° 53' 55" E

POINT OF END : ESA1
 PI = 2006FCCC+00.00
 X = 605249.29
 Y = 168997.31
 AH = N 89° 53' 55" E

POINT OF END : ESA2
 PI = 2006FC6D+00.00
 X = 605249.35
 Y = 168961.31
 AH = N 89° 53' 55" E



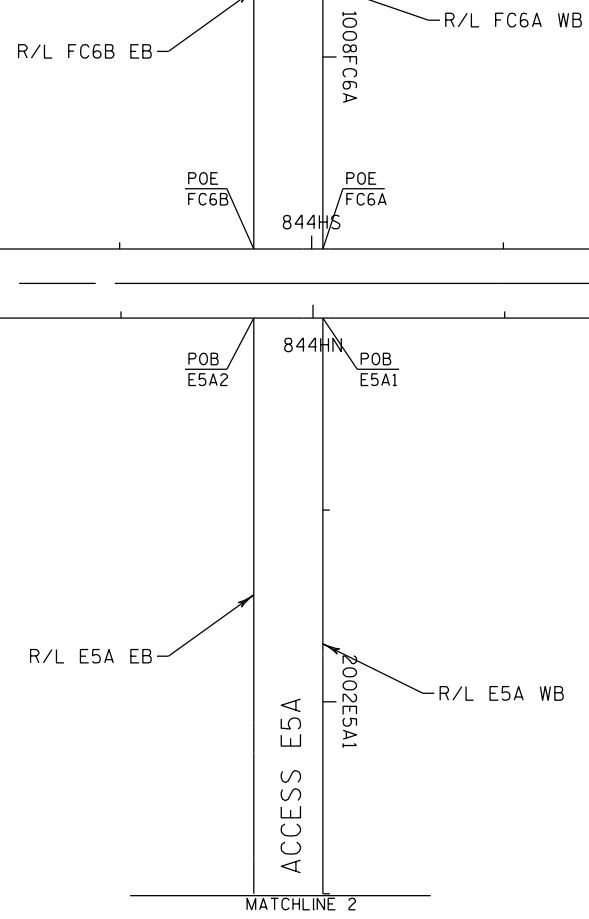
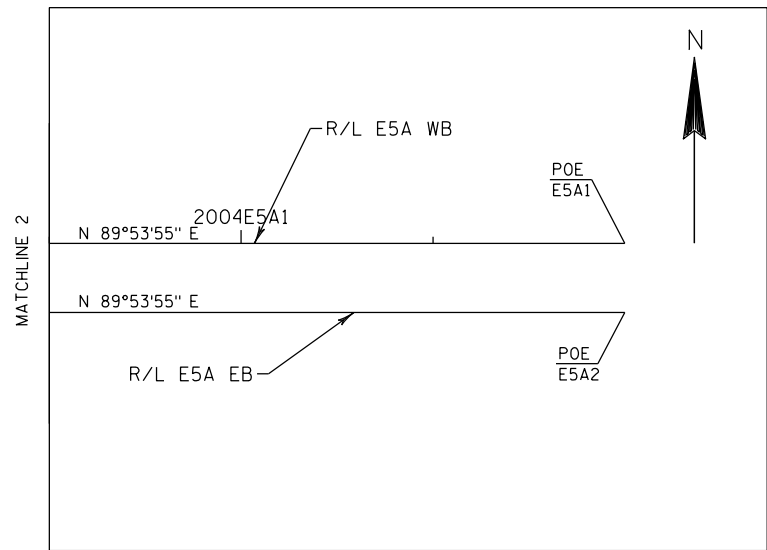
VILLAGE OF MT PLEASANT

834HS 836HS 838HS 840HS 842HS 844HS 846HS 848HS

CTH-H SECTION LINE
 N 0°06'05" W

834HN 836HN 838HN 840HN 842HN 844HN 846HN 848HN

VILLAGE OF STURTEVANT

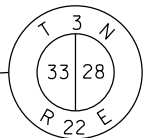
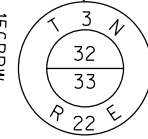
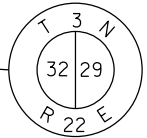
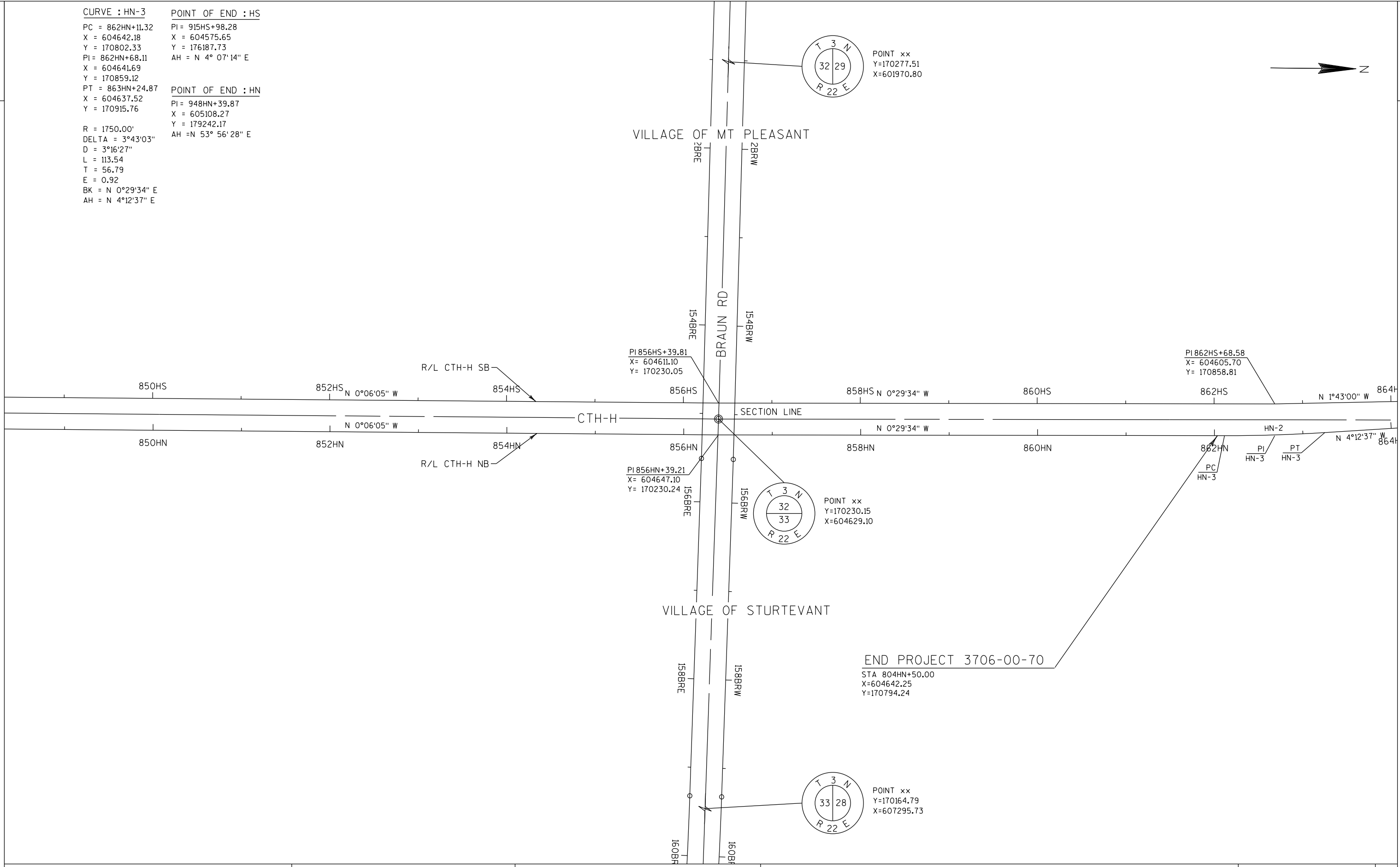


CURVE : HN-3 POINT OF END : HS
 PC = 862HN+11.32 PI = 915HS+98.28
 X = 604642.18 X = 604575.65
 Y = 170802.33 Y = 176187.73
 PI = 862HN+68.11 AH = N 4° 07' 14" E
 X = 604641.69
 Y = 170859.12
 PT = 863HN+24.87 POINT OF END : HN
 X = 604637.52 PI = 948HN+39.87
 Y = 170915.76 X = 605108.27
 Y = 179242.17
 R = 1750.00'
 DELTA = 3°43'03"
 D = 3°16'27"
 L = 113.54
 T = 56.79
 E = 0.92
 BK = N 0°29'34" E
 AH = N 4°12'37" E



VILLAGE OF MT PLEASANT

VILLAGE OF STURTEVANT



END PROJECT 3706-00-70
 STA 804HN+50.00
 X=604642.25
 Y=170794.24

RACINE COUNTY

KENOSHA COUNTY

NOTE:

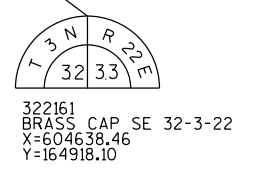
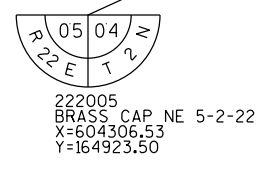
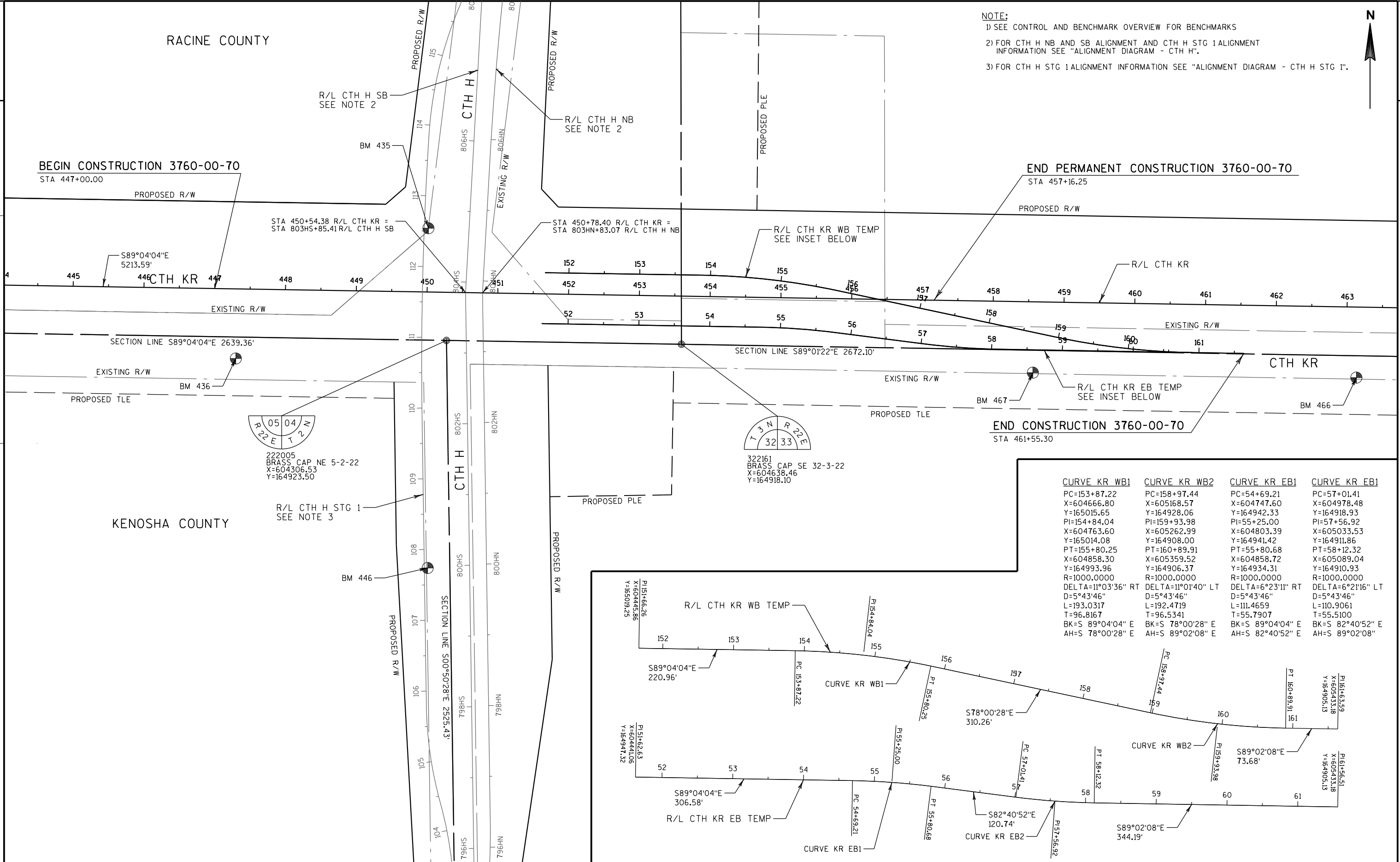
- 1) SEE CONTROL AND BENCHMARK OVERVIEW FOR BENCHMARKS
- 2) FOR CTH H NB AND SB ALIGNMENT AND CTH H STG 1 ALIGNMENT INFORMATION SEE "ALIGNMENT DIAGRAM - CTH H".
- 3) FOR CTH H STG 1 ALIGNMENT INFORMATION SEE "ALIGNMENT DIAGRAM - CTH H STG 1".



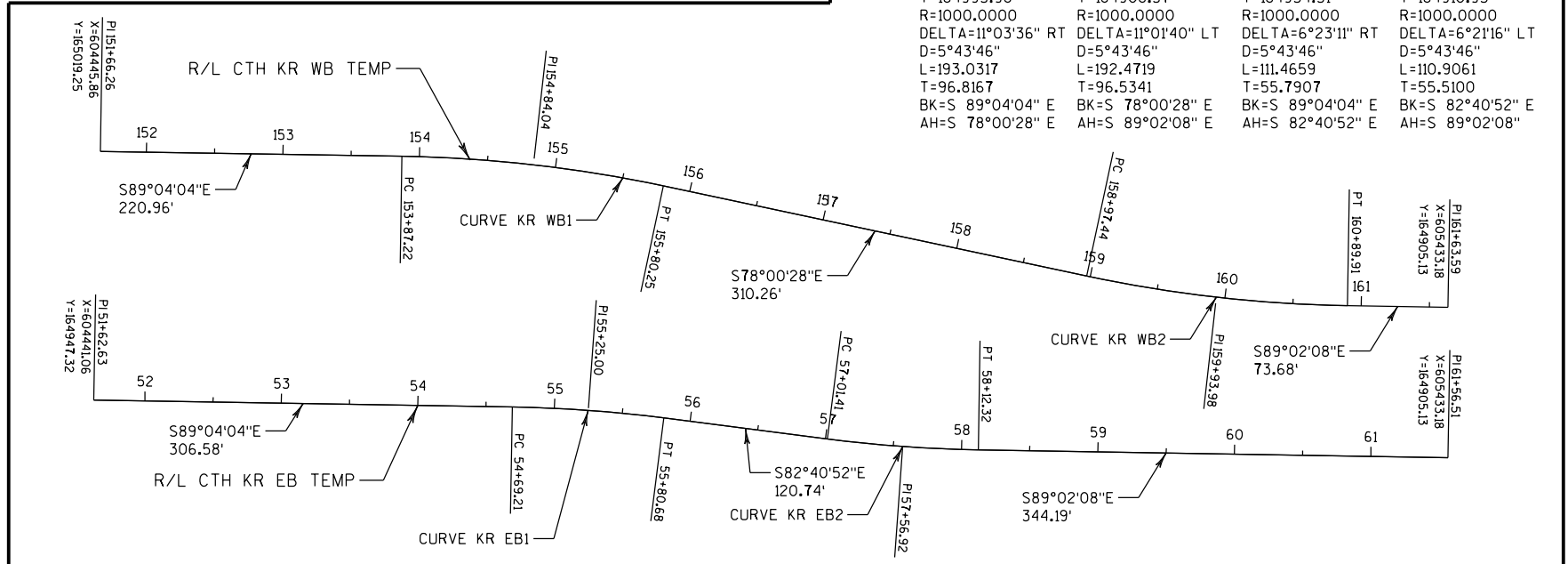
BEGIN CONSTRUCTION 3760-00-70
STA 447+00.00

END PERMANENT CONSTRUCTION 3760-00-70
STA 457+16.25

END CONSTRUCTION 3760-00-70
STA 461+55.30



CURVE KR WB1	CURVE KR WB2	CURVE KR EB1	CURVE KR EB1
PC=153+87.22	PC=158+97.44	PC=54+69.21	PC=57+01.41
X=604666.80	X=605168.57	X=604747.60	X=604978.48
Y=165015.65	Y=164928.06	Y=164942.33	Y=164918.93
PI=154+84.04	PI=159+93.98	PI=55+25.00	PI=57+56.92
X=604763.60	X=605262.99	X=604803.39	X=605033.53
Y=165014.08	Y=164908.00	Y=164941.42	Y=164911.86
PT=155+80.25	PT=160+89.91	PT=55+80.68	PT=58+12.32
X=604858.30	X=605359.52	X=604858.72	X=605089.04
Y=164993.96	Y=164906.37	Y=164934.31	Y=164910.93
R=1000.0000	R=1000.0000	R=1000.0000	R=1000.0000
DELTA=11°03'36" RT	DELTA=11°01'40" LT	DELTA=6°23'11" RT	DELTA=6°21'16" LT
D=5°43'46"	D=5°43'46"	D=5°43'46"	D=5°43'46"
L=193.0317	L=192.4719	L=111.4659	L=110.9061
T=96.8167	T=96.5341	T=55.7907	T=55.5100
BK=S 89°04'04" E	BK=S 78°00'28" E	BK=S 89°04'04" E	BK=S 82°40'52" E
AH=S 78°00'28" E	AH=S 89°02'08" E	AH=S 82°40'52" E	AH=S 89°02'08" E



POINT OF BEGINNING : BRE

PI = 28BRE+83.20
X = 592008.86
Y = 170408.80
AH = N 89° 44' 10" E

CURVE : BRE-1

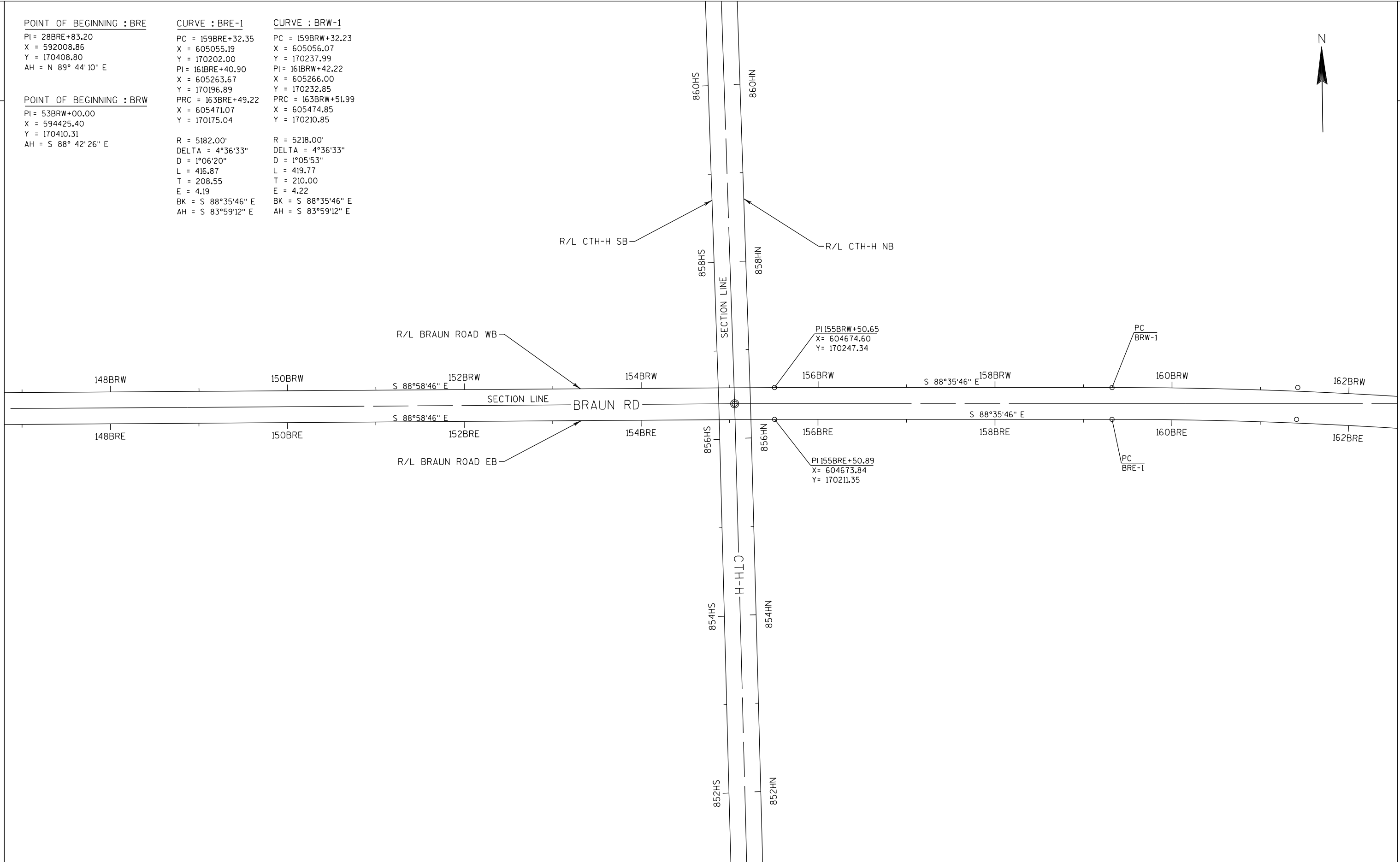
PC = 159BRE+32.35
X = 605055.19
Y = 170202.00
PI = 161BRE+40.90
X = 605263.67
Y = 170196.89
PRC = 163BRE+49.22
X = 605471.07
Y = 170175.04
R = 5182.00'
DELTA = 4°36'33"
D = 1°06'20"
L = 416.87
T = 208.55
E = 4.19
BK = S 88°35'46" E
AH = S 83°59'12" E

CURVE : BRW-1

PC = 159BRW+32.23
X = 605056.07
Y = 170237.99
PI = 161BRW+42.22
X = 605266.00
Y = 170232.85
PRC = 163BRW+51.99
X = 605474.85
Y = 170210.85
R = 5218.00'
DELTA = 4°36'33"
D = 1°05'53"
L = 419.77
T = 210.00
E = 4.22
BK = S 88°35'46" E
AH = S 83°59'12" E

POINT OF BEGINNING : BRW

PI = 53BRW+00.00
X = 594425.40
Y = 170410.31
AH = S 88° 42' 26" E



PROJECT NO: 3760-00-00	HWY: CTH H	COUNTY: RACINE	ALIGNMENT: BRAUN RD	SHEET	E
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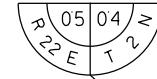
NOTE:
 1) SEE CONTROL AND BENCHMARK OVERVIEW FOR BENCHMARKS
 2) FOR CTH KR ALIGNMENT AND INFORMATION SEE "ALIGNMENT DIAGRAM - CTH KR".
 3) FOR CTH H ALIGNMENT INFORMATION SEE "ALIGNMENT DIAGRAM - CTH H".



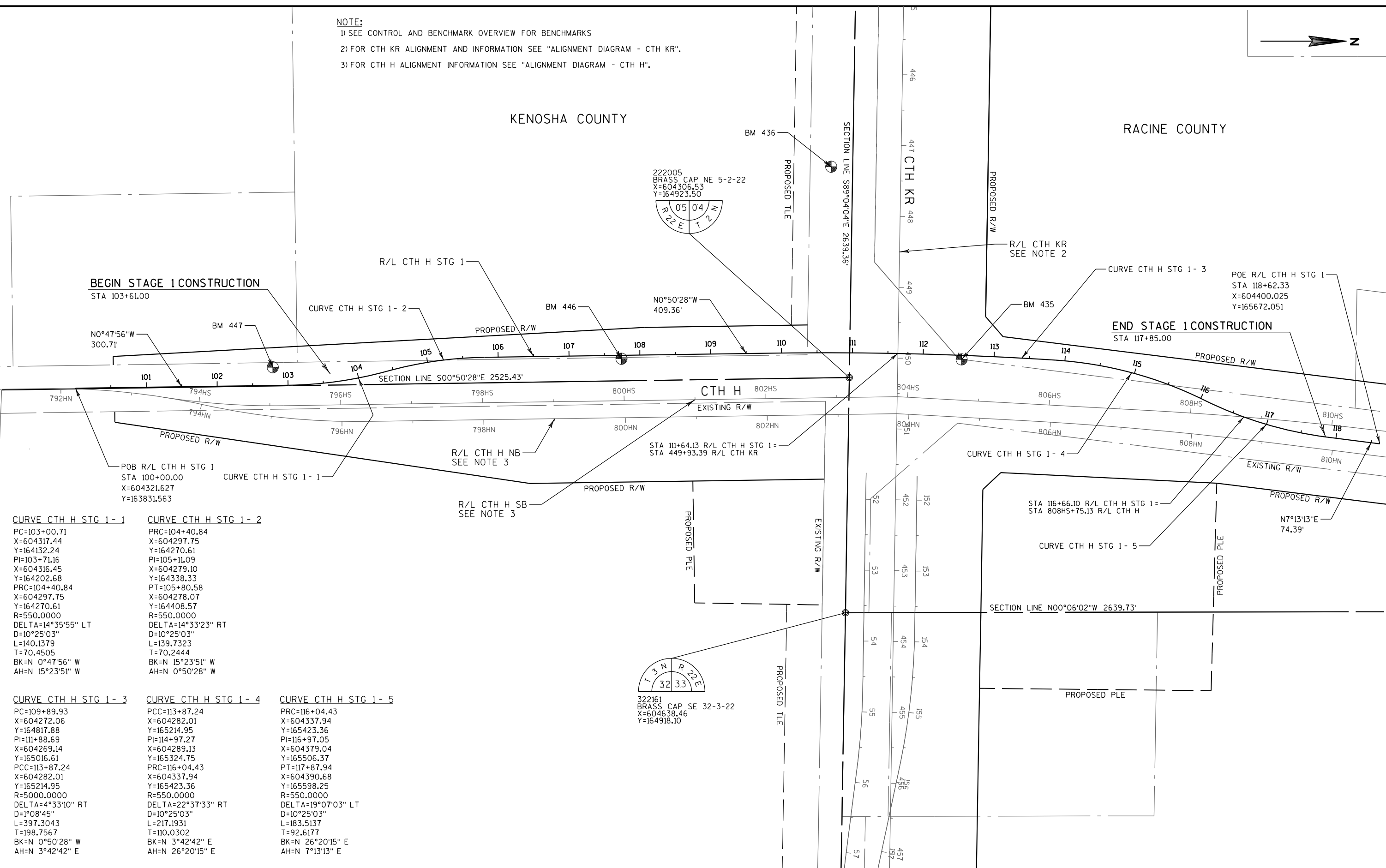
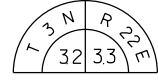
KENOSHA COUNTY

RACINE COUNTY

222005
 BRASS CAP NE 5-2-22
 X=604306.53
 Y=164923.50



322161
 BRASS CAP SE 32-3-22
 X=604638.46
 Y=164918.10



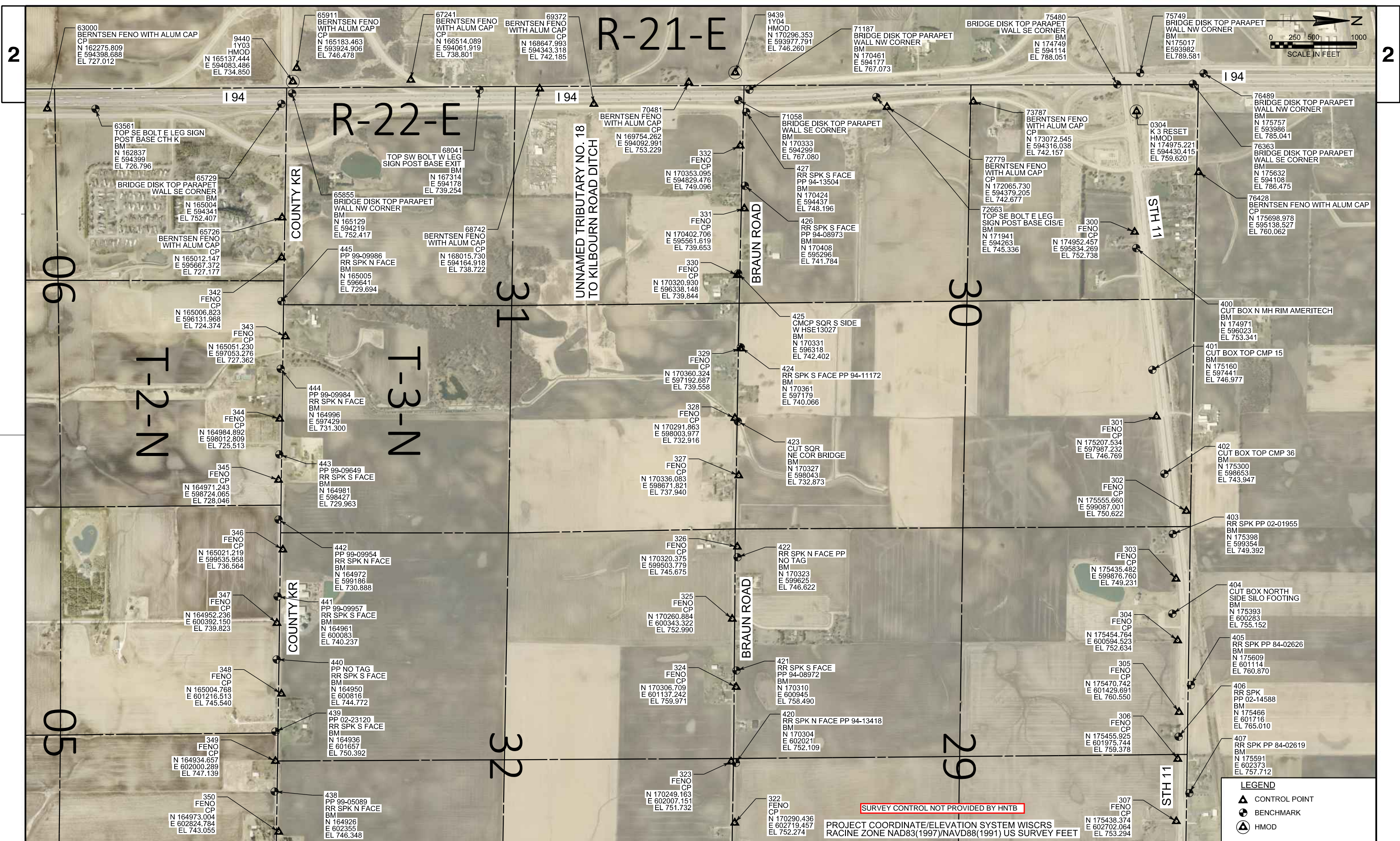
CURVE CTH H STG 1 - 1
 PC=103+00.71
 X=604317.44
 Y=164132.24
 PI=103+71.16
 X=604316.45
 Y=164202.68
 PRC=104+40.84
 X=604297.75
 Y=164270.61
 R=550.0000
 DELTA=14°35'55" LT
 D=10°25'03"
 L=140.1379
 T=70.4505
 BK=N 0°47'56" W
 AH=N 15°23'51" W

CURVE CTH H STG 1 - 2
 PRC=104+40.84
 X=604297.75
 Y=164270.61
 PI=105+11.09
 X=604279.10
 Y=164338.33
 PT=105+80.58
 X=604278.07
 Y=164408.57
 R=550.0000
 DELTA=14°33'23" RT
 D=10°25'03"
 L=139.7323
 T=70.2444
 BK=N 15°23'51" W
 AH=N 0°50'28" W

CURVE CTH H STG 1 - 3
 PC=109+89.93
 X=604272.06
 Y=164817.88
 PI=111+88.69
 X=604269.14
 Y=165016.61
 PCC=113+87.24
 X=604282.01
 Y=165214.95
 R=5000.0000
 DELTA=4°33'10" RT
 D=1°08'45"
 L=397.3043
 T=198.7567
 BK=N 0°50'28" W
 AH=N 3°42'42" E

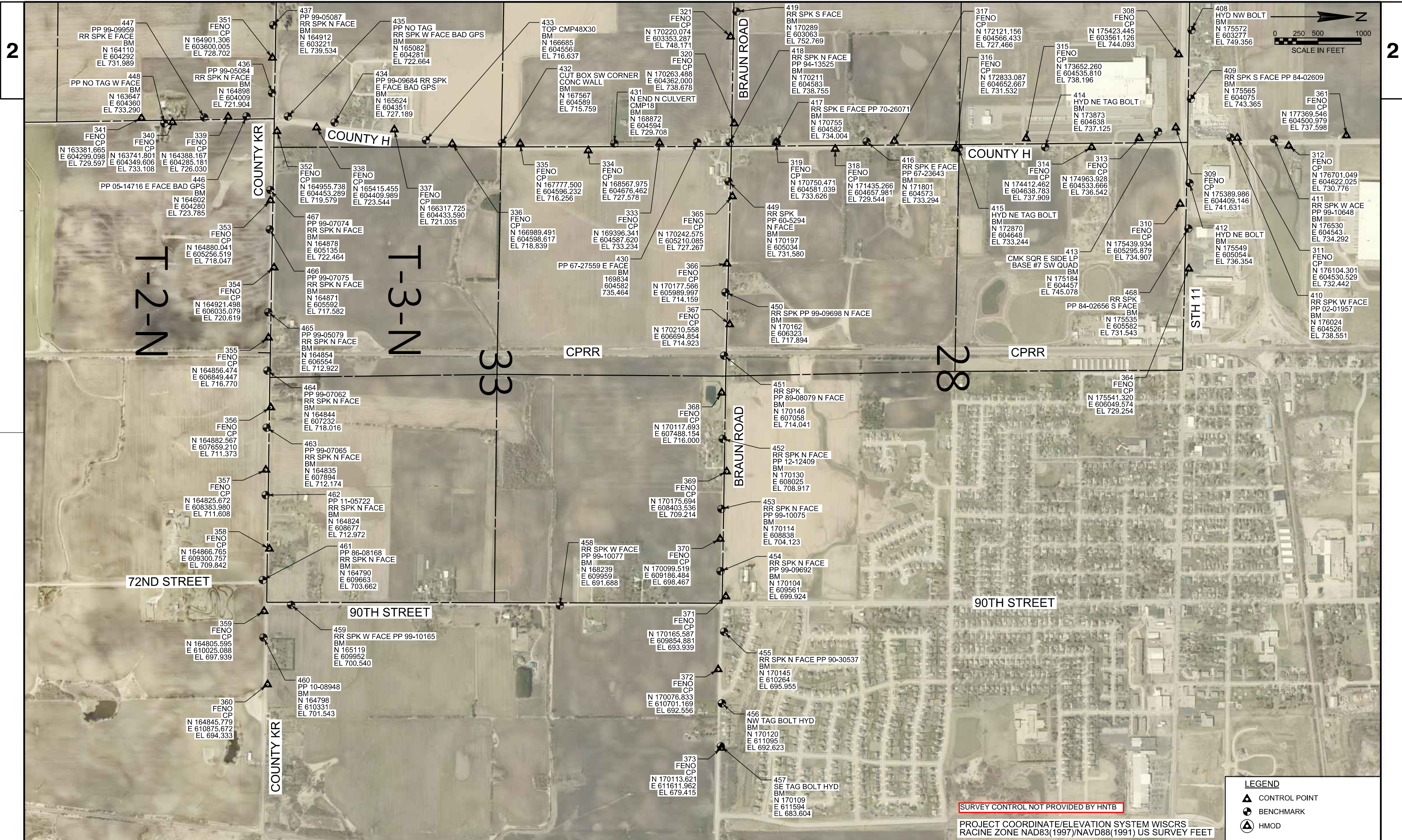
CURVE CTH H STG 1 - 4
 PCC=113+87.24
 X=604282.01
 Y=165214.95
 PI=114+97.27
 X=604289.13
 Y=165324.75
 PRC=116+04.43
 X=604337.94
 Y=165423.36
 R=550.0000
 DELTA=22°37'33" RT
 D=10°25'03"
 L=217.1931
 T=110.0302
 BK=N 3°42'42" E
 AH=N 26°20'15" E

CURVE CTH H STG 1 - 5
 PRC=116+04.43
 X=604337.94
 Y=165423.36
 PI=116+97.05
 X=604379.04
 Y=165506.37
 PT=117+87.94
 X=604390.68
 Y=165598.25
 R=550.0000
 DELTA=19°07'03" LT
 D=10°25'03"
 L=183.5137
 T=92.6177
 BK=N 26°20'15" E
 AH=N 7°13'13" E



PROJECT NO: FOXCONN DEVELOPMENT HWY: VARIES COUNTY: RACINE CONTROL AND BENCHMARK OVERVIEW SHEET E

FILE NAME : S:\DOT\DOT_SE\180045_Foxconn_Loc1_Roads\Design\Displays\CONTROL AND BENCHMARK DISPLAY\CONTROL AND BENCHMARKS DISPLAY SH1 1.dgn PLOT DATE : 3/29/2018 PLOT BY : wwo1ck PLOT NAME : PLOT SCALE : 1:1000 WISDOT/CADS SHEET 42



PROJECT NO: FOXCONN DEVELOPMENT

HWY: VARIES

COUNTY: RACINE

CONTROL AND BENCHMARK OVERVIEW

SHEET

E

CLEARING AND GRUBBING

		201.0105		201.0205		201.0120		201.022	
STATION									
STAGE	BEGIN	END	OFFSET	CLEARING STA	GRUBBING STA	CLEARING ID	GRUBBING ID		
STAGE 1									
CTH KR	453+00	--	459+00	RT	6	6	--	--	
	453+00	--	459+00	LT	6	6	--	--	
	459+34			RT	--	--	12	12	
	460+27			RT	--	--	8	8	
	460+31			RT	--	--	8	8	
BRAUN	154BRW+38	--	154BRW+68	RT	1	1	--	--	
	157BRW+00	--	157BRW+26	LT	1	1	--	--	
STAGE 1 SUBTOTAL					14	14	28	28	
STAGE 2									
CTH H	809HS+12	--	810HS+78	LT	1	1	--	--	
	809HS+89	--	813HS+26	LT	4	4	--	--	
	842HS+29	--	847HS+64	LT	6	6	--	--	
	853HS+17	--	855HS+81	LT	3	3	--	--	
	857HS+82	--	861HS+24	LT	4	4	--	--	
STAGE 2 SUBTOTAL					18	18	--	--	
STAGE 2A									
BRAUN	149BRE+84	--	153BRE+84		4	4	--	--	
STAGE 2A SUBTOTAL					4	4	--	--	
STAGE 4									
CTH H	829HN+56	--	829HN+86	RT	1	1	--	--	
STAGE 4 SUBTOTAL					1	1	--	--	
PROJECT 3760-00-70 TOTAL					37	37	28	28	

REMOVING SMALL PIPE CULVERT

		203.1000			
		REMOVING		SMALL PIPE	
		CULVERT		EACH	
ROADWAY	BEGIN	END	OFFSET		
STAGE 1					
CTH KR	449+96	--	450+87	RT	1
	449+73	--	452+35	RT	1
	452+40	--	452+41	RT	2
	792+85	--	793+04	LT	1
CTH H	820HN+88	--	820HN+90	LT/RT	1
	829HN+61	--	829HN+81	LT/RT	1
	855HN+10	--	855HN+43	RT	1
BRAUN	155BRW+33	--	155BRW+34	RT	1
STAGE 1 SUBTOTAL					9
STAGE 2					
CTH H	810HS+47	--	810HS+69	LT	1
	813HS+34	--	813HS+62	LT	1
	814HS+47	--	814HS+76	LT	1
	815HS+81	--	816HS+14	LT	1
	818HS+83	--	819HS+27	LT	1
	821HS+15	--	821HS+46	LT	1
	831HS+17	--	831HS+52	LT	1
	842HS+00	--	842HS+35	LT	1
	842HS+51	--	842HS+82	LT	1
	844HS+89	--	845HS+20	LT	1
	847HS+71	--	848HS+06	LT	1
	853HS+57	--	853HS+91	LT	1
	855HS+22	--	855HS+52	LT	1
	859HS+07	--	859HS+40	LT	1
	861HS+21	--	861HS+59	LT	1
	865HS+80	--	865HS+83	LT/RT	1
STAGE 2 SUBTOTAL					16
STAGE 3					
CTH H	807HS+75	--	808HS+04	LT	1
STAGE 3 SUBTOTAL					1
STAGE 4					
CTH H	807HN+68	--	808HN+06	RT	1
	829HN+12	--	829HN+47	RT	1
	831HN+00	--	831HN+36	RT	1
	841HN+88	--	842HN+26	RT	1
	861HN+24	--	861HN+55	RT	1
BRAUN	156BRE+65	--	156BRE+94	LT	1
	156BRW+80	--	157BRE+02	RT	1
	158BRE+44	--	158BRE+84	LT	1
STAGE 4 SUBTOTAL					8
PROJECT 3760-00-70 TOTAL					34

3

REMOVING CURB AND GUTTER

204.0150
REMOVING
CURB &
GUTTER

STAGE	STATION		OFFSET	LF
STAGE 1				
CTH KR	449+69	--	450+20	RT 75
	802HN+99	--	802HN+57	LT 66
	450+70	--	451+30	RT 94
	802HN+73	--	802HN+99	LT/RT 43
BRAUN	154BRW+32	--	154BRW+85	RT 180
	155BRW+36	--	155BRW+73	RT 112
	155BRE+37	--	155BRE+98	LT 192
STAGE 1 SUBTOTAL				763
PROJECT 3760-00-70 TOTAL				763

3

REMOVING GUARDRAIL & FENCING

204.0165 204.0170
REMOVING REMOVING
GUARDRAIL FENCE

STAGE	STATION		OFFSET	LF	LF
STAGE 1					
CTH H	829HN+37	--	830HN+28	LT 90	--
	829HN+53	--	831HN+07	LT 153	--
STAGE 2 SUBTOTAL				243	--
STAGE 2					
BRAUN	153BRE+12	--	153BRE+52	RT --	92
	153BRE+69	--	154BRE+53	RT --	86
STAGE 2 SUBTOTAL				--	178
PROJECT 3760-00-70 TOTAL				243	178

REMOVING DRAINTILE

204.9090.S.001 204.9090.S.002
REMOVING REMOVING
UNDERDRAIN DRAIN TILE

ROADWAY	LF	LF
UNDISTRIBUTED	225	750
PROJECT 3760-00-70 TOTAL	225	750

FINISHING ROADWAY

213.0100
FINISHING
ROADWAY
2704-09-70

ROADWAY	EACH
PROJECT 3760-00-70	1
PROJECT 3760-00-70 TOTAL	1

ROADWAY	FROM STATION	TO STATION	OFFSET	SUBSTRUCTURE						
				305.0110	305.0120	311.0110	371.1000.S	623.0200	624.0100	
				BASE AGGREGATE DENSE 3/4-INCH TON	BASE AGGREGATE DENSE 1 1/4-INCH TON	BREAKER RUN TON	QMP BASE AGGREGATE DENSE 1 1/4 INCH COMPACTION TON	DUST CONTROL SURFACE TREATMENT CY	WATER MGAL	
STAGE 1										
CTH-H	795HN+80	-- 803HN+00	LT	--	988	1,067	988	1,778	21	
	806HN+46	-- 809HN+26	LT	--	833	900	833	1,500	18	
	795HN+80	-- 803HN+00	LT	92	--	--	--	--	--	
	795HN+80	-- 803HN+00	LT	--	290	--	290	82	--	
	795HN+80	-- 803HN+00	LT	71	--	--	--	--	--	
	795HN+80	-- 803HN+00	LT	--	225	--	225	64	--	
	806HN+46	-- 809HN+26	LT	77	--	--	--	--	--	
	806HN+46	-- 809HN+26	LT	--	244	--	244	69	--	
	806HN+46	-- 809HN+26	LT	59	--	--	--	53	--	
	806HN+46	-- 809HN+26	LT	--	187	--	187	--	--	
CTH-H - TEMP PAVEMENT	808HN+26	-- 855HN+96	RT	--	712	1,424	712	2,137	43	
	808HN+26	-- 855HN+97	RT	--	594	594	594	891	24	
	808HN+26	-- 855HN+99	RT	421	--	--	--	--	--	
	808HN+26	-- 856HN+17	RT/LT	--	3,710	3,710	3,710	5,565	148	
	857HN+90	-- 867HN+32	RT	82	--	--	--	--	--	
	857HN+90	-- 867HN+32	RT/LT	--	635	635	635	953	25	
	857HN+91	-- 867HN+32	RT	--	139	279	139	418	8	
WEST BRAUN RD - TEMP PAVEMENT	857HN+91	-- 867HN+32	RT	--	116	116	116	174	5	
	147BRW+30	-- 149BRW+84	LT	--	39	77	39	116	2	
	147BRW+30	-- 149BRW+84	LT	--	32	32	32	48	1	
	147BRW+30	-- 149BRW+84	LT	23	--	--	--	--	--	
	147BRW+31	-- 149BRW+84	LT	--	341	341	341	511	14	
	148BRW+82	-- 149BRW+84	LT	9	--	--	--	--	--	
	148BRW+88	-- 149BRW+84	LT	--	12	12	12	18	--	
BRAUN RD - TEMP PAVEMENT	148BRW+89	-- 149BRW+84	LT	--	15	29	15	44	1	
	149BRW+84	-- 154BRW+69	LT	--	72	145	72	217	4	
	149BRW+84	-- 154BRW+70	LT	--	61	61	61	91	2	
	149BRW+84	-- 154BRW+71	LT	43	--	--	--	--	--	
	149BRW+84	-- 154BRW+84	LT	--	77	153	77	230	5	
	149BRW+84	-- 154BRW+85	LT	--	64	64	64	96	3	
	149BRW+84	-- 154BRW+87	LT	46	--	--	--	--	--	
	149BRW+84	-- 154BRW+87	LT	--	1,205	1,205	1,205	1,807	48	
	155BRW+27	-- 166BRW+22	LT	--	1,999	1,999	1,999	2,998	80	
	155BRW+37	-- 166BRW+22	LT	96	--	--	--	--	--	
	155BRW+40	-- 166BRW+22	LT	--	139	139	139	208	6	
	155BRW+42	-- 166BRW+22	LT	--	166	331	166	497	10	
	156BRE+07	-- 162BRE+67	RT	--	732	732	732	1,097	29	
155BRE+08	-- 162BRE+67	RT	58	--	--	--	--	--		
155BRE+08	-- 162BRE+67	RT	--	82	82	82	122	3		
155BRE+08	-- 162BRE+67	RT	--	98	196	98	294	6		
STAGE 1 SUBTOTAL					1,077	13,807	14,323	13,807	22,079	506

SUBSTRUCTURE

ROADWAY	FROM STATION	TO STATION	OFFSET	SUBSTRUCTURE		BREAKER RUN	371.1000.S QMP BASE 1 1/4 INCH COMPACTION	623.0200 DUST CONTROL SURFACE TREATMENT	624.0100 WATER
				305.0110 BASE AGGREGATE DENSE 3/4-INCH	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH				
				TON	TON				
STAGE 2									
CTH H	791HN+74	-- 798HN+81		--	1,963	--	1,963	2,944	--
	792HN+17	-- 798HN+81	RT	58	--	--	--	--	--
	792HN+17	-- 798HN+81	RT	--	219	--	219	74	--
	797HN+33	-- 798HN+81	LT	36	--	--	--	--	--
	797HN+33	-- 798HN+81	LT	--	9	--	9	16	--
CTH KR	798HN+81	-- 802HN+60		--	2,415	2,898	2,415	3,622	58
	447+00	-- 449+50		--	741	1,067	741	1,333	21
	450+26	-- 457+16		--	5,432	7,822	5,432	9,778	156
	455+00	-- 460+50		--	1,574	2,267	1,574	2,833	45
	455+00	-- 457+35		82	--	--	--	--	--
	455+00	-- 457+35		--	272	--	272	77	--
	455+00	-- 460+50		--	78	--	--	--	--
	455+00	-- 460+50		--	258	--	258	73	--
	456+50	-- 460+50		59	--	--	--	--	--
	456+50	-- 460+50		--	196	--	196	56	--
CTH-H	805HN+07	-- 806HN+00	LT	--	6	--	6	26	--
	805HN+07	-- 806HN+00	RT	--	10	--	10	46	--
	805HN+07	-- 806HN+00	RT/LT	--	131	348	131	392	10
	805HS+10	-- 806HS+03	LT	--	10	--	10	47	--
	805HS+10	-- 806HS+03	RT	--	6	--	6	26	--
TEMP PAVEMENT	805HS+10	-- 806HS+03	RT/LT	--	189	505	189	568	14
	806HN+00	-- 808HN+26	RT/LT	--	236	629	236	708	17
	810HS+00	-- 816HS+13	RT	--	38	--	38	171	1
	810HS+00	-- 819HS+19	LT	--	104	--	104	469	2
	810HS+00	-- 819HS+30	RTL	--	1,234	3,291	1,234	3,702	91
	810HS+00	-- 819HS+08	LT	--	476	--	476	1,428	10
	816HS+13	-- 818HS+75	RT	--	16	--	16	73	--
	819HS+12	-- 819HS+31	LT	--	3	--	3	12	--
	819HS+18	-- 819HS+34	LT	--	20	20	20	23	1
	819HS+30	-- 819HS+83	LT	--	128	341	128	383	9
	819HS+33	-- 819HS+37	LT	--	1	--	1	6	--
	819HS+79	-- 820HS+21	LT	--	5	--	5	22	--
	819HS+81	-- 820HS+20	LT	--	65	65	65	73	3
	819HS+83	-- 830HS+94	RT/LT	--	1,414	3,770	1,414	4,241	104
	819HS+84	-- 820HS+20	LT	--	3	--	3	14	--
	820HS+14	-- 843HS+27	LT	--	260	--	260	1,169	5
	820HS+28	-- 843HS+18	LT	--	1,189	--	1,189	3,567	24
	824HS+48	-- 830HS54	RT	--	37	--	37	168	1
	830HS+94	-- 831HS+62	LT	--	72	193	72	217	5
	831HS+62	-- 843HS+35	RT/LT	--	1,369	3,651	1,369	4,107	100
	835HS+20	-- 839HS+88	RT	--	29	--	29	130	1
	839HS+88	-- 842HS+81	RT	--	18	--	18	81	--
	843HS+31	-- 843HS+52	LT	--	4	--	4	17	--
	843HS+35	-- 843HS+55	LT	--	58	58	58	65	2
	843HS+35	-- 844HS+37	RT/LT	--	211	564	211	634	16
	843HS+55	-- 843HS+58	LT	--	3	--	3	13	--
	844HS+21	-- 844HS+68	LT	--	6	--	6	26	--
	844HS+23	-- 844HS+67	LT	--	84	84	84	94	3
844HS+26	-- 844HS+67	LT	--	3	--	3	15	--	

SUBSTRUCTURE

ROADWAY	FROM STATION	TO STATION	OFFSET	305.0110	305.0120	311.0110	371.1000.S	623.0200	624.0100	
				BASE AGGREGATE	BASE AGGREGATE	BREAKER	QMP BASE	DUST CONTROL		
				DENSE 3/4-INCH TON	DENSE 1 1/4-INCH TON	RUN TON	AGGREGATE DENSE 1 1/4 INCH COMPACTION TON	SURFACE TREATMENT CY	WATER MGAL	
	844HS+27	-- 846HS+32	RT	--	13	--	13	57	--	
	844HS+37	-- 855HS+85	RT/LT	--	1,666	4,443	1,666	4,998	122	
	844HS+61	-- 855HS+65	LT	--	127	--	127	571	3	
	844HS+77	-- 855HS+56	LT	--	561	--	561	1,684	11	
	848HS+31	-- 851HS+05	RT	--	17	--	17	76	--	
	851HS+05	-- 855HS+01	RT	--	24	--	24	110	--	
	855HS+85	-- 856HS+49	LT	--	125	342	125	374	9	
	858HS+00	-- 862HS+04	LT	--	210	--	210	629	4	
	858HS+00	-- 862HS+04	LT	--	45	--	45	204	1	
	858HS+00	-- 862HS+04	LT	--	584	1,558	584	1,753	43	
	862HS+04	-- 863HS+34	RT	--	13	--	13	60	--	
	862HS+04	-- 866HS+54	RT/LT	--	22	--	22	100	--	
	862HS+04	-- 866HS+54	RT/LT	--	281	749	281	843	21	
	862HS+04	-- 863HS+34	RT	--	25	--	25	60	1	
	862HS+04	-- 866HS+54	RT/LT	--	105	--	105	251	2	
BRAUN RD	149BRE+84	-- 151BRE+36	LT	--	10	--	10	44	--	
	149BRE+84	-- 154BRE+09	RT	--	47	--	47	213	1	
	149BRE+84	-- 154BRE+35	RT/LT	--	1,051	2,804	1,051	3,154	77	
	151BRW+36	-- 154BRW+35	RT	--	18	--	18	83	--	
	151BRE+98	-- 154BRE+61	LT	--	97	--	97	175	2	
	151BRE+98	-- 154BRE+61	LT	--	19	--	19	87	--	
	151BRE+98	-- 154BRE+61	LT	--	19	--	19	87	--	
	153BRE+86	-- 154BRE+65	RT	--	6	--	6	29	--	
	153BRE+87	-- 154BRE+59	RT	--	6	--	6	28	--	
	153BRE+87	-- 154BRE+63	RT	--	102	102	102	115	4	
STAGE 2 SUBTOTAL					313	25,710	37,570	25,710	59,328	1,000
STAGE 3										
CTH KR	449+50	-- 450+26		--	741	1,067	741	1,333	21	
CTH H	791HN+00	-- 797HN+00		--	825	--	825	1,237	--	
	791HN+00	-- 797HN+00	LT	49	--	--	0	--	--	
	791HN+00	-- 797HN+00	LT	--	183	--	183	62	--	
CTH-H	806HS+03	-- 810HS+00	LT	--	44	--	44	199	1	
	806HS+03	-- 810HS+00	LT	--	207	--	207	621	4	
	806HS+03	-- 810HS+00	LT	--	596	1,590	596	1,789	44	
	856HS+86	-- 857HS+47	LT	--	82	82	82	92	3	
	857HS+09	-- 858HS+00	LT	--	13	--	13	60	--	
	857HS+55	-- 858HS+00	LT	--	24	--	24	71	--	
	149BRE+84	-- 151BRE+36	LT	--	8	--	8	34	--	
	149BRW+84	-- 151BRW+36	LT	--	17	--	17	76	--	
	149BRW+84	-- 153BRW+83	LT	--	45	--	45	202	1	
	149BRW+84	-- 154BRW+26	LT	--	238	--	238	715	5	
	149BRW+84	-- 154BRW+87	RT/LT	--	1,148	3,062	1,148	3,444	84	
	151BRW+35	-- 154BRW+35	RT	--	18	--	18	83	--	
	151BRW+36	-- 154BRW+35	RT	--	135	--	135	244	3	
	154BRW+33	-- 154BRW+57	LT	--	5	--	5	24	--	
	154BRW+56	-- 154BRW+65	LT	--	5	--	5	23	--	
STAGE 3 SUBTOTAL					49	4,334	5,801	4,334	10,309	166

SUBSTRUCTURE										
305.0110 305.0120 311.0110 371.1000.S 623.0200 624.0100 BASE AGGREGATE BASE AGGREGATE BREAKER QMP BASE DUST CONTROL DENSE DENSE RUN A G G R E G A T E D E N S E S U R F A C E 3/4-INCH 1 1/4-INCH TON 1 1/4 INCH COMPACTION TREATMENT WATER TON TON TON TON CY MGAL										
ROADWAY	FROM STATION	TO STATION	OFFSET	TON	TON	TON	TON	TON	CY	MGAL
STAGE 4										
CTH KR	447+00	-- 449+50	RT	--	1,327	1,911	--	1327	2,389	38
CTH H	794HN+00	-- 798HN+00	LT	106	--	--	--	0	--	--
	794HN+00	-- 798HN+00	LT	--	27	--	--	27	48	--
	791HN+00	-- 794HN+00	LT	32	--	--	--	0	--	--
	791HN+00	-- 794HN+00	LT	--	135	--	--	135	30	--
	791HN+00	-- 794HN+00	RT	32	--	--	--	0	--	--
	791HN+00	-- 794HN+00	RT	--	136	--	--	136	30	--
	794HN+00	-- 798HN+00	RT	93	--	--	--	0	--	--
	794HN+00	-- 798HN+00	RT	--	246	--	--	246	48	--
CTH H - DRIVEWAY	792HN+86	-- 793HN+02	LT	--	10	--	--	10	19	--
CTH-H	806HN+00	-- 807HN+97	LT	--	12	--	--	12	55	--
	806HN+00	-- 818HN+90	RT	--	144	--	--	144	650	3
	806HN+00	-- 819HN+26	RT/LT	--	2,122	5,659	--	2,122	6,366	156
	806HS+03	-- 808HS+01	RT	--	110	--	--	110	198	2
	806HS+03	-- 808HS+01	RT	--	12	--	--	12	55	--
	806HS+03	-- 819HS+30	RT	--	358	955	--	358	1,074	26
	807HN+97	-- 816HN+08	LT	--	91	--	--	91	408	2
	808HS+01	-- 816HS+13	RT	--	53	--	--	53	236	1
	816HN+08	-- 818HN+70	LT	--	16	--	--	16	73	--
	816HS+13	-- 818HS+75	RT	--	119	--	--	119	215	2
	816HN+73	-- 819HN+24	LT	--	19	--	--	19	84	--
	816HN+73	-- 819HN+24	LT	--	19	--	--	19	84	--
	816HN+73	-- 819HN+24	LT	--	93	--	--	93	168	2
	818HN+88	-- 819HN+30	RT	--	5	--	--	5	22	--
	818HN+89	-- 819HN+24	RT	--	3	--	--	3	14	--
	818HN+89	-- 819HN+27	RT	--	65	65	--	65	73	3
	819HS+30	-- 819HS+83	RT	--	192	513	--	192	577	14
	819HN+74	-- 831HN+41	RT	--	135	--	--	135	610	3
	819HN+74	-- 830HN+91	RT/LT	--	1,508	4,021	--	1,508	4,523	111
	819HS+82	-- 822HS+34	RT	--	19	--	--	19	84	--
	819HS+82	-- 822HS+34	RT	--	19	--	--	19	84	--
	819HS+82	-- 822HS+34	RT	--	93	--	--	93	168	2
	819HS+83	-- 830HS+94	RT	--	413	1,101	--	413	1,238	30
	820HN+26	-- 822HN+92	LT	--	16	--	--	16	74	--
	820HN+26	-- 822HN+92	LT	--	121	--	--	121	217	2
	820HS+32	-- 822HS+97	RT	--	16	--	--	16	74	--
	822HN+92	-- 830HN+94	LT	--	89	--	--	89	401	2
	822HS+97	-- 830HS+97	RT	--	52	--	--	52	236	1
	830HS+83	-- 831HS+99	RT	--	310	828	--	310	931	23
	831HS+62	-- 843HS+47	RT	--	408	1,087	--	408	1,223	30
	831HS+65	-- 832HS+82	RT	--	9	--	--	9	39	--
	831HS+65	-- 832HS+82	RT	--	43	--	--	43	78	1
	831HS+65	-- 832HS+83	RT	--	9	--	--	9	39	--
	831HN+71	-- 843HN+13	RT	--	130	--	--	130	587	3
	831HN+75	-- 843HN+38	RT/LT	--	1,964	5,236	--	1,964	5,891	144
	832HN+04	-- 833HN+49	LT	--	9	--	--	9	40	--
	832HN+04	-- 833HN+49	LT	--	69	--	--	69	125	1
	832HS+06	-- 833HS+50	RT	--	9	--	--	9	40	--
	833HN+49	-- 839HN+68	LT	--	71	--	--	71	321	1
	833HS+50	-- 839HS+88	RT	--	42	--	--	42	191	1

SUBSTRUCTURE

ROADWAY	FROM STATION	TO STATION	OFFSET	305.0110	305.0120	311.0110	371.1000.S	623.0200	624.0100
				BASE AGGREGATE	BASE AGGREGATE	BREAKER	QMP BASE	DUST CONTROL	
				DENSE 3/4-INCH TON	DENSE 1 1/4-INCH TON	RUN TON	AGGREGATE DENSE 1 1/4 INCH COMPACTION TON	SURFACE TREATMENT CY	WATER MGAL
	839HN+88	-- 842HN+81	RT	--	18	--	18	81	--
	839HS+88	-- 842HS+81	RT	--	133	--	133	239	3
	840HN+51	-- 843HN+30	LT	--	21	--	21	93	--
	840HN+51	-- 843HN+30	LT	--	21	--	21	93	--
	840HN+51	-- 843HN+30	LT	--	104	--	104	186	2
	843HN+09	-- 843HN+54	RT	--	5	--	5	25	--
	843HN+10	-- 843HN+49	RT	--	3	--	3	15	--
	843HN+10	-- 843HN+52	RT	--	76	76	76	85	3
	843HS+35	-- 844HS+37	RT	--	350	933	350	1,049	26
	843HN+93	-- 843HN+96	RT	--	2	--	2	11	--
	843HN+96	-- 844HN+02	RT	--	12	--	12	21	--
	844HN+02	-- 844HN+05	RT	--	2	--	2	11	--
	844HN+17	-- 844HN+21	RT	--	2	--	2	10	--
	844HN+20	-- 844HN+38	RT	--	43	43	43	48	2
	844HN+23	-- 844HN+33	RT	--	3	--	3	14	--
	844HS+27	-- 846HS+32	LT	--	88	--	88	159	2
	844HS+27	-- 846HS+32	LT	--	13	--	13	57	--
	844HS+27	-- 846HS+32	LT	--	13	--	13	57	--
	844HN+29	-- 855HN+76	RT/LT	--	2,228	5,942	2,228	6,685	163
	844HS+37	-- 855HS+85	RT	--	500	1,334	500	1,501	37
	844HN+49	-- 849HN+54	RT	--	60	--	60	268	1
	844HN+94	-- 846HN+94	LT	--	12	--	12	56	--
	844HN+94	-- 846HN+94	LT	--	93	--	93	167	2
	844HS+95	-- 846HS+95	RT	--	12	--	12	56	--
	846HN+94	-- 851HN+04	LT	--	46	--	46	207	1
	846HS+95	-- 851HS+95	RT	--	30	--	30	135	1
	849HN+90	-- 855HN+60	RT	--	67	--	67	301	1
	851HN+04	-- 855HN+69	LT	--	29	--	29	129	1
	851HS+05	-- 855HS+70	RT	--	207	--	207	373	4
	851HN+67	-- 855HN+94	LT	--	32	--	32	142	1
	851HN+67	-- 855HN+94	LT	--	158	--	158	285	3
	851HN+67	-- 855HN+94	LT	--	32	--	32	142	1
	855HS+01	-- 855HS+70	RT	--	4	--	4	19	--
	855HN+32	-- 855HN+91	RT	--	5	--	5	23	--
	855HN+32	-- 855HN+96	RT	--	5	--	5	24	--
	855HN+32	-- 855HN+93	RT	--	82	82	82	92	3
	855HS+77	-- 856HS+82	RT	--	260	693	260	780	19
	855HN+81	-- 862HN+03	RT/LT	--	793	2,115	793	2,379	58
	856HS+82	-- 862HS+04	RT	--	337	898	337	1,010	25
	856HS+85	-- 858HS+60	RT	--	13	--	13	58	--
	856HS+85	-- 858HS+60	RT	--	65	--	65	117	1
	856HS+85	-- 858HS+60	RT	--	13	--	13	58	--
	857HN+14	-- 859HN+24	LT	--	13	--	13	58	--
	857HN+14	-- 859HN+24	LT	--	97	--	97	175	2
	857HS+15	-- 859HS+25	LT	--	13	--	13	58	--
	857HN+14	-- 862HN+03	RT	--	57	--	57	256	1
	859HN+24	-- 862HN+03	LT	--	31	--	31	139	1
	859HS+25	-- 862HS+04	RT	--	31	--	31	141	1
	862HN+03	-- 863HN+36	LT	--	26	--	26	63	1
	862HN+03	-- 863HN+36	LT	--	14	--	14	63	--
	862HN+03	-- 864HN+84	RT/LT	--	115	307	115	346	8
	862HN+03	-- 864HN+84	RT	--	14	--	14	63	--
	862HN+03	-- 864HN+84	RT	--	65	--	65	157	1

				SUBSTRUCTURE					
				305.0110	305.0120	311.0110	371.1000.S	623.0200	624.0100
				BASE AGGREGATE	BASE AGGREGATE	BREAKER	QMP BASE	DUST CONTROL	
				DENSE	DENSE	RUN	AGGREGATE DENSE	SURFACE	
				3/4-INCH	1 1/4-INCH	TON	1 1/4 INCH COMPACTION	TREATMENT	WATER
ROADWAY	FROM	TO	OFFSET	TON	TON	TON	TON	CY	MGAL
BRAUN RD	155BRW+46	-- 156BRW+23	RT	--	6	--	6	28	--
	155BRW+48	-- 156BRW+22	LT	--	93	93	93	105	4
	155BRW+50	-- 157BRW+17	RT	--	12	--	12	56	--
	155BRW+50	-- 157BRW+17	RT	--	62	--	62	111	1
	155BRW+50	-- 157BRW+17	RT	--	12	--	12	56	--
	155BRW+52	-- 156BRW+22	RT	--	6	--	6	27	--
	155BRW+53	-- 160BRW+00	RT/LT	--	989	2,637	989	2,967	73
	155BRE+54	-- 160BRE+00	RT/LT	--	770	2,054	770	2,311	56
	155BRW+76	-- 157BRW+80	RT	--	13	--	13	57	--
	155BRW+76	-- 157BRW+81	RT	--	94	--	94	170	2
	155BRE+76	-- 157BRE+81	LT	--	13	--	13	57	--
	155BRE+85	-- 160BRE+00	RT	--	224	--	224	671	4
	155BRW+97	-- 160BRW+00	LT	--	45	--	45	205	1
	155BRE+99	-- 160BRE+00	RT	--	45	--	45	203	1
	157BRW+80	-- 160BRW+00	RT	--	25	--	25	112	1
	157BRE+81	-- 160BRE+00	LT	--	25	--	25	110	1
STAGE 4 SUBTOTAL				263	19,770	38,583	19,770	56,160	1,123
PROJECT 3760-00-70 TOTALS				1,702	63,621	96,277	63,621	147,877	2,795

CONCRETE PAVEMENT

ROADWAY	STATION	OFFSET	415.0100	415.0100
			CONCRETE PAVEMENT 10-INCH* SY	CONCRETE PAVEMENT JOINT FILLING SY
STAGE 2				
CTH KR WB	447+00 -- 449+50		1,111	1,111
CTH KR	450+26 -- 451+39		2,657	2,657
	451+39 -- 457+17		5,356	5,356
	798HN+81 -- 802HN+60	RT	1,756	1,756
	798HN+81 -- 802HN+60	LT	1,012	1,012
CTH H	805HN+07 -- 806HN+00	RT	247	247
	805HS+10 -- 806HS+04	LT/RT	496	496
	810HS+00 -- 856HS+10	LT	14,236	14,236
	818HS+77 -- 820HS+77	LT	495	495
	858HS+00 -- 862HS+04	LT	1,549	1,549
BRAUN	149BRE+84 -- 153BRE+80	LT/RT	1,899	1,899
	151BRE+92 -- 154BRE+88	LT/RT	1,053	1,053
STAGE 2 SUBTOTAL			31,868	31,868
STAGE 3				
CTH KR	449+50 -- 450+26		1,120	1,120
CTH H	806HS+04 -- 810HS+00	LT	1,589	1,589
BRAUN	149BRW+84 -- 154BRW+36	LT	2,020	2,020
	154BRW+33 -- 154BRW+87	LT/RT	660	660
STAGE 3 SUBTOTAL			5,390	5,390
STAGE 4				
CTH KR EB	447+00 -- 449+50		2,000	2,000
CTH H	806HN+00 -- 809HN+73	RT	422	422
	806HN+00 -- 816HN+65	LT/RT	3,214	3,214
	816HN+48 -- 824HN+27	LT/RT	2,677	2,677
	818HN+40 -- 821HN+02	RT	540	540
	820HN+19 -- 831HN+00	RT	2,748	2,748
	830HN+70 -- 839HN+35	LT/RT	2,939	2,939
	830HN+81 -- 832HN+90	RT	355	355
	838HN+52 -- 843HN+33	LT/RT	2,115	2,115
	842HN+40 -- 843HN+54	RT	321	321
	842HN+88 -- 848HN+30	LT/RT	1,708	1,708
	844HN+33 -- 845HN+66	RT	326	326
	844HN+87 -- 852HN+30	LT/RT	2,455	2,455
	851HN+44 -- 862HN+03	LT/RT	4,901	4,901
BRAUN	155BRW+46 -- 160BRW+00	RT	2,273	2,273
	155BRE+59 -- 159BRE+32	RT	1,710	1,710
	159BRE+32 -- 160BRE+00	LT/RT	270	270
STAGE 4 SUBTOTAL			30,976	30,976
PROJECT 3160-00-70 TOTALS			68,233	68,233

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE.

3

3

CONCRETE PAVEMENT JOINT LAYOUT

415.5110.S
 CONCRETE
 PAVEMENT
 JOINT LAYOUT

ROADWAY	LS
PROJECT 3760-00-70	1
PROJECT 3760-00-70 TOTALS	1

DRILLED DOWEL BARS

STATION	OFFSET	LOCATION	416.0620 DRILLED DOWEL BARS EACH
STAGE 2			
447+00		CTH KR	26
STAGE 2 SUBTOTAL			26
STAGE 4			
447+00		CTH KR	48
STAGE 4 SUBTOTAL			48
PROJECT 3760-00-70 TOTAL			74

ASPHALT ITEMS

455.0605 460.5223 460.5224 465.0105 460.6224 460.6223 465.0125

ROADWAY	STATION	OFFSET	ASPHALTIC SURFACE					TEMPORARY	
			TACK COAT*	HMA PAVEMENT 3 LT 58-28 S*	HMA PAVEMENT 4 LT 58-28 S*	ASPHALTIC SURFACE	HMA PAVEMENT 4 MT 58-28 S		HMA PAVEMENT 3 MT 58-28 S
			GAL	TON	TON	TON	TON	TON	TON
STAGE 1									
CTH H TEMP	795HN+81 -- 803HN+00	LT	--	--	--	524	--	--	--
	803HN+46 -- 809HN+26	LT	--	--	--	459	--	--	--
CTH H	795HS+86 -- 803HS+02	LT	--	--	--	--	--	--	519
	803HS+47 -- 809HS+31	LT/RT	--	--	--	--	--	--	432
	808HN+26 -- 856HN+25	LT/RT	--	--	--	--	--	--	1,559
BRAUN	147BRW+31 -- 154BRW+87	LT	--	--	--	--	--	--	594
	154BRW+89 -- 160BRW+00	LT	--	--	--	--	--	--	706
STAGE 1 SUBTOTALS			--	--	--	983	--	--	3,810
STAGE 2									
CTH H	791HN+74 -- 798HN+81	RT	--	--	--	--	223	--	--
	791HN+74 -- 798HN+81	RT	--	--	--	--	--	669	--
	794HN+53 -- 798HN+81	LT	--	--	--	--	72	--	--
	794HN+53 -- 798HN+81	LT	--	--	--	--	--	216	--
CTH KR	455+00 -- 461+55	RT	--	--	--	852	--	--	--
CTH H	806HN+00 -- 808HN+27	LT/RT	--	--	--	--	--	--	300
	810HS+00 -- 819HS+08	LT	--	--	--	181	--	--	--
	820HS+28 -- 843HS+21	LT	--	--	--	451	--	--	--
	844HS+77 -- 855HS+20	LT	--	--	--	204	--	--	--
	858HS+00 -- 862HS+04	LT	--	--	--	79	--	--	--
	862HS+00 -- 866HS+54	LT/RT	55	139	92	--	--	--	--
BRAUN	154BRE+12 -- 154BRE+41	RT	--	--	--	9	--	--	--
STAGE 2 SUBTOTALS			55	139	92	1,776	295	885	300
STAGE 3									
CTH-H	791HN+74 -- 798HN+81	LT	--	--	--	--	151	--	--
	791HN+74 -- 798HN+81	LT	--	--	--	--	--	452	--
CTH H	806HS+04 -- 810HS+00	LT	--	--	--	78	--	--	--
BRAUN	149BRW+84 -- 154BRW+35	LT	--	--	--	100	--	--	--
STAGE 3 SUBTOTALS			--	--	178	329	603	452	--
STAGE 4									
CTH H	862HN+03 -- 864HN+84	LT/RT	20	50	33	--	--	--	--
BRAUN	155BRE+85 -- 160BRE+00	RT	--	--	--	85	--	--	--
STAGE 4 SUBTOTAL			--	50	33	85	--	--	--
PROJECT 3760-00-70 TOTALS			55	189	303	3,173	898	1,337	4,110

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE.

CURB & GUTTER ITEMS

ROADWAY	STATION	-	STATION	OFFSET	601.0409	601.0555	620.0300	620.0300	
					CONCRETE	CONCRETE	CONCRETE MEDIAN	CONCRETE MEDIAN	
					CURB AND GUTTER	CURB AND GUTTER	SLOPED	SLOPED	
					30-INCH TYPE A*	6-INCH SLOPED 36-INCH TYPE A*	NOSE* (TYPE 1)	NOSE* (TYPE 2)	
	LF	LF	SF	SF					
STAGE 2									
CTH KR	447+00	-	449+50	LT	--	250	--	--	
	447+00	-	449+50	MED	--	250	--	--	
	450+57	-	450+68	RT	--	--	56	--	
	450+71	-	450+81	LT	--	--	56	--	
	451+10	-	457+17	LT	--	640	--	--	
	451+21	-	451+29	ISLAND	--	--	69	--	
	451+29	-	454+09	ISLAND-LT	--	280	--	--	
	451+29	-	454+09	ISLAND-RT	--	280	--	--	
	451+63	-	451+70	MED	--	--	52	--	
	451+69	-	455+00	MED	--	331	--	--	
	451+70	-	455+00	MED	--	331	--	--	
	451+20	-	455+00	RT	--	412	--	--	
	454+09	-	454+16		--	--	69	--	
	CTH H	794HN+60	-	798HN+80	MED	421	--	--	--
		794HN+60	-	798HN+80	MED	419	--	--	--
798HN+80		-	802HN+60	LT	380	--	--	--	
798HN+80		-	803HN+10	MED	429	--	--	--	
798HN+80		-	803HN+10	MED	430	--	--	--	
798HN+80		-	802HN+73	RT	393	--	--	--	
802HN+60		-	802HN+80	LT	20	--	--	--	
804HN+69		-	805HN+08	MED	39	--	--	--	
804HN+69		-	805HN+08	MED	39	--	--	--	
804HN+82		-	804HN+87	LT	5	--	--	--	
804HN+87		-	805HN+08	LT	21	--	--	--	
CTH H NB		805+07	-	806+00	LT	93	--	--	--
	805+07	-	806+00	RT	93	--	--	--	
CTH H SB	805+10	-	806+03	RT	93	--	--	--	
	805+10	-	806+03	LT	93	--	--	--	
	810+00	-	818+75	RT	875	--	--	--	
	810+00	-	819+17	LT	930	--	--	--	
	819+18	-	819+31	LT	35	--	--	--	
			819+32	LT	--	--	66	--	
	819+33	-	819+35	LT	16	--	--	--	
			819+34	LT	--	--	--	26	
			819+81	LT	--	--	--	26	
	819+81	-	820+20	LT	78	--	--	--	
	819+84	-	820+20	LT	36	--	--	--	
	820+15	-	843+25	LT	2,331	--	--	--	
		820+23	LT	--	--	62	--		
824+48	-	830+54	RT	606	--	--	--		

GENERAL NOTES

- 1) STATIONS AND OFFSETS ARE TO THE CENTER OF STRUCTURES OR TO THE APRON END OF ENDWALLS UNLESS OTHERWISE NOTED.
- 2) RIM ELEVATIONS ARE GIVEN AT THE FLANGE LINE FOR INLET GRATES OR THE CENTER OF THE MANHOLE COVER FOR MANHOLES UNLESS OTHERWISE NOTED.
- 3) STRUCTURE DEPTH = RIM ELEVATION - INVERT - CASTING - 0.5 FT (RINGS AND MORTER) , EXCEPT MEDIAN INLETS.
- 4) FLAT TOP SLAB REQUIRED ON ALL MANHOLES WITH INLET COVERS.
- 5) SEE SPECIAL PROVISIONS FOR ADJUSTMENT RING REQUIREMENTS.
- 6) ATTACH CONCRETE COLLARS BETWEEN EXISTING AND PROPOSED PIPES

STORM SEWER PIPES

FROM STR	TO STR	INVERT ELEV FT	DISCH ELEV FT	SLOPE	520.8000	522.0418	522.1018	524.0618	633.5200*	608.0312	608.0315
					CONCRETE COLLARS FOR PIPE EACH	CULVERT PIPE REINFORCED CONCRETE CLASS IV 18-INCH LF	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 18-INCH EACH	APRON ENDWALLS FOR CULVERT PIPE SALVAGED 18-INCH EACH	MARKERS CULVERT END EACH	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 12-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 15-INCH LF
STAGE 1											
802HN+85	802HN+85	718.24	717.18	6.01%	1	18	--	1	1	--	--
803HN+72	803HN+73	718.44	717.70	2.56%	1	29	--	1	1	--	--
STAGE 1 SUBTOTALS					2	47	--	2	2	--	--
STAGE 2											
902	902A	723.66	723.56	0.50%	--	--	--	--	--	--	25
902A	904A	722.81	720.28	1.30%	--	--	--	--	--	--	--
904	904A	721.13	721.03	0.50%	--	--	--	--	--	--	25
904A	906	720.28	719.94	0.45%	--	--	--	--	--	--	--
906	908C	719.94	719.49	0.45%	--	--	--	--	--	--	--
908	908A	720.45	720.39	0.30%	--	--	--	--	--	--	--
908A	908B	720.39	720.37	0.30%	--	--	--	--	--	--	--
908B	908C	720.37	720.24	0.30%	--	--	--	--	--	--	--
908C	909	719.49	718.93	0.45%	--	--	--	--	--	--	--
909	910Q	718.93	718.77	0.45%	--	--	--	--	--	--	--
910	910A	717.15	716.15	0.75%	--	--	--	--	--	--	--
910A	910C	713.62	713.18	1.00%	--	--	--	--	--	--	--
910E	910G	719.84	719.73	0.30%	--	--	--	--	--	--	--
910F	910G	719.89	719.73	0.30%	--	--	--	--	--	--	--
910G	910H	719.73	719.67	0.30%	--	--	--	--	--	--	--
910H	910N	719.67	719.65	0.30%	--	--	--	--	--	--	--
910J	910K	719.78	719.76	0.30%	--	--	--	--	--	--	--
910K	910N	719.76	719.65	0.30%	--	--	--	--	--	--	--
910L	910M	719.83	719.81	0.30%	--	--	--	--	--	--	--
910M	910N	719.81	719.65	0.30%	--	--	--	--	--	--	--
910N	910Q	719.65	719.52	0.30%	--	--	--	--	--	--	--
910P	910Q	719.67	719.52	0.30%	--	--	--	--	--	--	--
910Q	910R	713.24	712.86	0.50%	--	--	--	--	--	--	--
922	E922D	720.91	720.74	0.50%	--	--	--	--	--	--	--
E922D	924C	719.99	719.70	0.30%	--	--	--	--	--	--	--

STORM SEWER PIPES

FROM STR	TO STR	INVERT ELEV FT	DISCH ELEV FT	SLOPE	608.0318	608.0324	608.0336	608.0360	608.0366	608.0412	608.0415	608.0424	608.0530
					STORM SEWER PIPE REINFORCED CONCRETE CLASS III 18-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 24-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 36-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 60-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 66-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 12-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 15-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 24-INCH* LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS V 30-INCH LF
STAGE 1													
802HN+85	802HN+85	718.24	717.18	6.01%	--	--	--	--	--	--	--	--	--
803HN+72	803HN+73	718.44	717.70	2.56%	--	--	--	--	--	--	--	--	--
STAGE 1 SUBTOTALS					--	--	--	--	--	--	--	--	--
STAGE 2													
902	902A	723.66	723.56	0.50%	--	--	--	--	--	--	--	--	--
902A	904A	722.81	720.28	1.30%	--	200	--	--	--	--	--	--	--
904	904A	721.13	721.03	0.50%	--	--	--	--	--	--	--	--	--
904A	906	720.28	719.94	0.45%	--	--	--	--	--	--	--	82	--
906	908C	719.94	719.49	0.45%	--	--	--	--	--	--	--	106	--
908	908A	720.45	720.39	0.30%	--	--	--	--	--	--	24	--	--
908A	908B	720.39	720.37	0.30%	--	--	--	--	--	--	12	--	--
908B	908C	720.37	720.24	0.30%	--	--	--	--	--	--	48	--	--
908C	909	719.49	718.93	0.45%	--	--	--	--	--	--	--	129	--
909	910Q	718.93	718.77	0.45%	--	--	--	--	--	--	--	42	--
910	910A	717.15	716.15	0.75%	134	--	--	--	--	--	--	--	--
910A	910C	713.62	713.18	1.00%	49	--	--	--	--	--	--	--	--
910E	910G	719.84	719.73	0.30%	--	--	--	--	--	--	42	--	--
910F	910G	719.89	719.73	0.30%	--	--	--	--	--	--	56	--	--
910G	910H	719.73	719.67	0.30%	--	--	--	--	--	--	24	--	--
910H	910N	719.67	719.65	0.30%	--	--	--	--	--	--	12	--	--
910J	910K	719.78	719.76	0.30%	--	--	--	--	--	--	12	--	--
910K	910N	719.76	719.65	0.30%	--	--	--	--	--	--	42	--	--
910L	910M	719.83	719.81	0.30%	--	--	--	--	--	--	12	--	--
910M	910N	719.81	719.65	0.30%	--	--	--	--	--	--	56	--	--
910N	910Q	719.65	719.52	0.30%	--	--	--	--	--	--	48	--	--
910P	910Q	719.67	719.52	0.30%	--	--	--	--	--	--	56	--	--
910Q	910R	713.24	712.86	0.50%	--	81	--	--	--	--	--	--	--
922	E922D	720.91	720.74	0.50%	--	--	--	--	--	--	40	--	--
E922D	924C	719.99	719.70	0.30%	--	--	--	--	--	--	--	100	--

STORM SEWER PIPES

FROM STR	TO STR	INVERT ELEV FT	DISCH ELEV FT	SLOPE	608.2324	608.2424	608.0515	608.0530	608.0536	NOTES
					STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS III 24X38-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS IV 24X38-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS V 15-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS V 30-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS V 36-INCH LF	
STAGE 1										
802HN+85	802HN+85	718.24	717.18	6.01%	--	--	--	--	--	STAGE 1A BREAK 60.5' LT SEE CROSS SECTIONS
803HN+72	803HN+73	718.44	717.70	2.56%	--	--	--	--	--	--
STAGE 1 SUBTOTALS					--	--	--	--	--	
STAGE 2										
902	902A	723.66	723.56	0.50%	--	--	--	--	--	
902A	904A	722.81	720.28	1.30%	--	--	--	--	--	
904	904A	721.13	721.03	0.50%	--	--	--	--	--	
904A	906	720.28	719.94	0.45%	--	--	--	--	--	
906	908C	719.94	719.49	0.45%	--	--	--	--	--	
908	908A	720.45	720.39	0.30%	--	--	--	--	--	
908A	908B	720.39	720.37	0.30%	--	--	--	--	--	
908B	908C	720.37	720.24	0.30%	--	--	--	--	--	
908C	909	719.49	718.93	0.45%	--	--	--	--	--	
909	910Q	718.93	718.77	0.45%	--	--	--	--	--	
910	910A	717.15	716.15	0.75%	--	--	--	--	--	
910A	910C	713.62	713.18	1.00%	--	--	--	--	--	
910E	910G	719.84	719.73	0.30%	--	--	--	--	--	
910F	910G	719.89	719.73	0.30%	--	--	--	--	--	
910G	910H	719.73	719.67	0.30%	--	--	--	--	--	
910H	910N	719.67	719.65	0.30%	--	--	--	--	--	
910J	910K	719.78	719.76	0.30%	--	--	--	--	--	
910K	910N	719.76	719.65	0.30%	--	--	--	--	--	
910L	910M	719.83	719.81	0.30%	--	--	--	--	--	
910M	910N	719.81	719.65	0.30%	--	--	--	--	--	
910N	910Q	719.65	719.52	0.30%	--	--	--	--	--	
910P	910Q	719.67	719.52	0.30%	--	--	--	--	--	
910Q	910R	713.24	712.86	0.50%	--	--	--	--	--	
922	E922D	720.91	720.74	0.50%	--	--	--	--	--	
E922D	924C	719.99	719.70	0.30%	--	--	--	--	--	

STORM SEWER PIPES

FROM STR	TO STR	INVERT ELEV FT	DISCH ELEV FT	SLOPE	520.8000	522.0418	522.1018	524.0618	633.5200*	608.0312	608.0315
					CONCRETE COLLARS FOR PIPE EACH	CULVERT PIPE REINFORCED CONCRETE CLASS IV 18-INCH LF	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 18-INCH EACH	APRON ENDWALLS FOR CULVERT PIPE SALVAGED 18-INCH EACH	MARKERS CULVERT END EACH	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 12-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 15-INCH LF
924C	926D	719.70	719.41	0.30%	--	--	--	--	--	--	--
926D	928C	719.41	718.78	0.30%	--	--	--	--	--	--	--
928	928A	719.74	719.61	0.30%	--	--	--	--	--	--	--
928A	928B	719.61	719.59	0.30%	--	--	--	--	--	--	--
928B	928C	719.59	719.53	0.30%	--	--	--	--	--	--	--
928C	930	718.78	718.66	0.30%	--	--	--	--	--	--	--
930	932A	718.66	718.34	0.30%	--	--	--	--	--	--	--
PE806I	932A	718.82	718.65	0.51%	--	--	--	--	--	--	--
932A	934	718.34	718.05	0.30%	--	--	--	--	--	--	--
934	934A	718.05	718.02	0.30%	--	--	--	--	--	--	--
PE807	935A	718.26	718.02	0.40%	--	--	--	--	--	--	--
PE808B	936A	718.41	718.03	0.50%	--	--	--	--	--	--	--
938	938C	720.06	719.82	0.50%	--	--	--	--	--	--	--
938C	940B	719.07	718.78	0.30%	--	--	--	--	--	--	--
940	940A	719.77	719.59	0.50%	--	--	--	--	--	--	--
940A	940B	719.59	719.53	0.50%	--	--	--	--	--	--	--
940B	942G	718.78	718.50	0.30%	--	--	--	--	--	--	--
942	942A	719.73	719.57	0.50%	--	--	--	--	--	--	--
942A	942C	719.57	719.39	0.50%	--	--	--	--	--	--	--
942B	942C	719.55	719.39	0.50%	--	--	--	--	--	--	--
942C	942E	719.39	719.35	0.50%	--	--	--	--	--	--	--
942D	942E	719.51	719.35	0.50%	--	--	--	--	--	--	--
942E	942G	719.35	719.25	0.50%	--	--	--	--	--	--	--
942F	942G	719.40	719.25	0.50%	--	--	--	--	--	--	--
942G	944B	718.50	718.37	0.30%	--	--	--	--	--	--	--
944	944B	719.27	719.12	0.50%	--	--	--	--	--	--	--
944A	944B	719.58	719.12	0.50%	--	--	--	--	--	--	--
944B	946	718.37	717.72	0.30%	--	--	--	--	--	--	--
946	946A	717.72	717.68	0.30%	--	--	--	--	--	--	--
952	952A	717.00	716.77	0.32%	--	--	--	--	--	78	--
952A	952B	716.52	716.30	0.50%	--	--	--	--	--	--	--
952B	952C	716.30	716.20	0.50%	--	--	--	--	--	--	--
952C	952D	716.20	716.16	0.50%	--	--	--	--	--	--	--
952D	952E	716.16	715.98	0.50%	--	--	--	--	--	--	--
952E	952G	713.81	713.48	0.50%	--	--	--	--	--	--	--
EW9	806	721.63	719.49	7.93%	--	--	--	--	--	--	--
806	806C	719.49	719.25	0.48%	--	--	--	--	--	--	--
806C	806F	719.25	719.21	0.40%	--	--	--	--	--	--	--
806F	806I	719.21	719.09	0.46%	--	--	--	--	--	--	--
806I	EX MH	719.09	718.82	0.51%	--	--	--	--	--	--	--

STORM SEWER PIPES

FROM STR	TO STR	INVERT ELEV FT	DISCH ELEV FT	SLOPE	608.0318	608.0324	608.0336	608.0360	608.0366	608.0412	608.0415	608.0424	608.0530	
					STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER
					PIPE	PIPE	PIPE	PIPE	PIPE	PIPE	PIPE	PIPE	PIPE	PIPE
					REINFORCED CONCRETE CLASS III 18-INCH LF	REINFORCED CONCRETE CLASS III 24-INCH LF	REINFORCED CONCRETE CLASS III 36-INCH LF	REINFORCED CONCRETE CLASS III 60-INCH LF	REINFORCED CONCRETE CLASS III 66-INCH LF	REINFORCED CONCRETE CLASS IV 12-INCH LF	REINFORCED CONCRETE CLASS IV 15-INCH LF	REINFORCED CONCRETE CLASS IV 24-INCH* LF	REINFORCED CONCRETE CLASS V 30-INCH LF	
924C	926D	719.70	719.41	0.30%	--	--	--	--	--	--	--	100	--	
926D	928C	719.41	718.78	0.30%	--	--	--	--	--	--	--	216	--	
928	928A	719.74	719.61	0.30%	--	--	--	--	--	--	48	--	--	
928A	928B	719.61	719.59	0.30%	--	--	--	--	--	--	12	--	--	
928B	928C	719.59	719.53	0.30%	--	--	--	--	--	--	25	--	--	
928C	930	718.78	718.66	0.30%	--	--	--	--	--	--	--	--	--	
930	932A	718.66	718.34	0.30%	--	--	--	--	--	--	--	--	--	
PE806I	932A	718.82	718.65	0.51%	--	--	--	--	--	--	37	--	--	
932A	934	718.34	718.05	0.30%	--	--	--	--	--	--	--	--	--	
934	934A	718.05	718.02	0.30%	--	--	--	--	--	--	--	--	--	
PE807	935A	718.26	718.02	0.40%	--	--	--	--	--	59	--	--	--	
PE808B	936A	718.41	718.03	0.50%	--	--	--	--	--	--	76	--	--	
938	938C	720.06	719.82	0.50%	--	--	--	--	--	--	53	--	--	
938C	940B	719.07	718.78	0.30%	--	--	--	--	--	--	--	100	--	
940	940A	719.77	719.59	0.50%	--	--	--	--	--	--	40	--	--	
940A	940B	719.59	719.53	0.50%	--	--	--	--	--	--	17	--	--	
940B	942G	718.78	718.50	0.30%	--	--	--	--	--	--	--	98	--	
942	942A	719.73	719.57	0.50%	--	--	--	--	--	--	35	--	--	
942A	942C	719.57	719.39	0.50%	--	--	--	--	--	--	40	--	--	
942B	942C	719.55	719.39	0.50%	--	--	--	--	--	--	35	--	--	
942C	942E	719.39	719.35	0.50%	--	--	--	--	--	--	12	--	--	
942D	942E	719.51	719.35	0.50%	--	--	--	--	--	--	35	--	--	
942E	942G	719.35	719.25	0.50%	--	--	--	--	--	--	25	--	--	
942F	942G	719.40	719.25	0.50%	--	--	--	--	--	--	35	--	--	
942G	944B	718.50	718.37	0.30%	--	--	--	--	--	--	--	47	--	
944	944B	719.27	719.12	0.50%	--	--	--	--	--	--	35	--	--	
944A	944B	719.58	719.12	0.50%	--	--	--	--	--	--	96	--	--	
944B	946	718.37	717.72	0.30%	--	--	--	--	--	--	--	220	--	
946	946A	717.72	717.68	0.30%	--	--	--	--	--	--	--	16	--	
952	952A	717.00	716.77	0.32%	--	--	--	--	--	--	--	--	--	
952A	952B	716.52	716.30	0.50%	--	--	--	--	--	--	48	--	--	
952B	952C	716.30	716.20	0.50%	--	--	--	--	--	--	24	--	--	
952C	952D	716.20	716.16	0.50%	--	--	--	--	--	--	12	--	--	
952D	952E	716.16	715.98	0.50%	--	--	--	--	--	--	40	--	--	
952E	952G	713.81	713.48	0.50%	--	--	--	--	--	--	70	--	--	
EW9	806	721.63	719.49	7.93%	--	--	--	--	--	--	27	--	--	
806	806C	719.49	719.25	0.48%	--	--	--	--	--	--	50	--	--	
806C	806F	719.25	719.21	0.40%	--	--	--	--	--	--	10	--	--	
806F	806I	719.21	719.09	0.46%	--	--	--	--	--	--	26	--	--	
806I	EX MH	719.09	718.82	0.51%	--	--	--	--	--	--	53	--	--	

STORM SEWER PIPES

FROM STR	TO STR	INVERT ELEV FT	DISCH ELEV FT	SLOPE	608.2324	608.2424	608.0515	608.0530	608.0536	NOTES
					STORM SEWER PIPE	STORM SEWER PIPE	STORM SEWER PIPE	STORM SEWER PIPE	STORM SEWER PIPE	
					REINFORCED CONCRETE HORIZONTAL ELLIPTICAL	REINFORCED CONCRETE HORIZONTAL ELLIPTICAL	REINFORCED CONCRETE	REINFORCED CONCRETE	REINFORCED CONCRETE	
					CLASS III	CLASS IV	CLASS V	CLASS V	CLASS V	
					24X38-INCH	24X38-INCH	15-INCH	30-INCH	36-INCH	
					LF	LF	LF	LF	LF	
924C	926D	719.70	719.41	0.30%	--	--	--	--	--	
926D	928C	719.41	718.78	0.30%	--	--	--	--	--	
928	928A	719.74	719.61	0.30%	--	--	--	--	--	
928A	928B	719.61	719.59	0.30%	--	--	--	--	--	
928B	928C	719.59	719.53	0.30%	--	--	--	--	--	
928C	930	718.78	718.66	0.30%	--	46	--	--	--	
930	932A	718.66	718.34	0.30%	--	115	--	--	--	
PE806I	932A	718.82	718.65	0.51%	--	--	--	--	--	
932A	934	718.34	718.05	0.30%	103	--	--	--	--	
934	934A	718.05	718.02	0.30%	15	--	--	--	--	
PE807	935A	718.26	718.02	0.40%	--	--	--	--	--	
PE808B	936A	718.41	718.03	0.50%	--	--	--	--	--	
938	938C	720.06	719.82	0.50%	--	--	--	--	--	
938C	940B	719.07	718.78	0.30%	--	--	--	--	--	
940	940A	719.77	719.59	0.50%	--	--	--	--	--	
940A	940B	719.59	719.53	0.50%	--	--	--	--	--	
940B	942G	718.78	718.50	0.30%	--	--	--	--	--	
942	942A	719.73	719.57	0.50%	--	--	--	--	--	
942A	942C	719.57	719.39	0.50%	--	--	--	--	--	
942B	942C	719.55	719.39	0.50%	--	--	--	--	--	
942C	942E	719.39	719.35	0.50%	--	--	--	--	--	
942D	942E	719.51	719.35	0.50%	--	--	--	--	--	
942E	942G	719.35	719.25	0.50%	--	--	--	--	--	
942F	942G	719.40	719.25	0.50%	--	--	--	--	--	
942G	944B	718.50	718.37	0.30%	--	--	--	--	--	
944	944B	719.27	719.12	0.50%	--	--	--	--	--	
944A	944B	719.58	719.12	0.50%	--	--	--	--	--	
944B	946	718.37	717.72	0.30%	--	--	--	--	--	
946	946A	717.72	717.68	0.30%	--	--	--	--	--	
952	952A	717.00	716.77	0.32%	--	--	--	--	--	
952A	952B	716.52	716.30	0.50%	--	--	--	--	--	
952B	952C	716.30	716.20	0.50%	--	--	--	--	--	
952C	952D	716.20	716.16	0.50%	--	--	--	--	--	
952D	952E	716.16	715.98	0.50%	--	--	--	--	--	
952E	952G	713.81	713.48	0.50%	--	--	--	--	--	
EW9	806	721.63	719.49	7.93%	--	--	--	--	--	
806	806C	719.49	719.25	0.48%	--	--	--	--	--	
806C	806F	719.25	719.21	0.40%	--	--	--	--	--	
806F	806I	719.21	719.09	0.46%	--	--	--	--	--	
806I	EX MH	719.09	718.82	0.51%	--	--	--	--	--	

STORM SEWER PIPES

FROM STR	TO STR	INVERT ELEV FT	DISCH ELEV FT	SLOPE	520.8000	522.0418	522.1018	524.0618	633.5200*	608.0312	608.0315
					CONCRETE COLLARS FOR PIPE EACH	CULVERT PIPE REINFORCED CONCRETE CLASS IV 18-INCH LF	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 18-INCH EACH	APRON ENDWALLS FOR CULVERT PIPE SALVAGED 18-INCH EACH	MARKERS CULVERT END EACH	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 12-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 15-INCH LF
806Q	806J	719.74	719.60	0.45%	--	--	--	--	--	--	--
806J	806	719.60	719.49	0.42%	--	--	--	--	--	--	--
806M	806K	719.36	719.32	0.40%	--	--	--	--	--	--	--
806K	806F	719.32	719.21	0.44%	--	--	--	--	--	--	--
806L	806I	719.20	719.09	0.44%	--	--	--	--	--	--	--
809A	809	721.80	721.62	0.46%	--	--	--	--	--	--	39
809	811	721.79	721.28	0.55%	--	--	--	--	--	--	--
811	814	721.28	718.54	0.89%	--	--	--	--	--	--	--
814	816	718.54	716.79	0.88%	--	--	--	--	--	--	--
816	818Y	716.29	715.30	0.49%	--	--	--	--	--	--	--
818Y	818	715.30	715.23	0.35%	--	--	--	--	--	--	--
818	818C	715.23	715.14	0.41%	--	--	--	--	--	--	--
814A	814	720.81	720.70	0.42%	--	--	--	--	--	--	26
816A	816	717.72	717.61	0.42%	--	--	--	--	--	--	26
818T	818A	716.08	716.04	0.40%	--	--	--	--	--	--	10
818A	818	716.04	715.90	0.44%	--	--	--	--	--	--	32
818Q	818A	716.13	716.04	0.45%	--	--	--	--	--	--	20
820A	820	716.71	716.59	0.44%	--	--	--	--	--	--	27
818C	820	715.14	713.91	0.84%	--	--	--	--	--	--	--
820	821G	713.91	713.45	0.92%	--	--	--	--	--	--	--
821G	822	713.45	712.94	0.30%	--	--	--	--	--	--	--
824	822	714.17	713.44	0.34%	--	--	--	--	--	--	--
826	824	714.77	714.17	0.34%	--	--	--	--	--	--	--
821A	821G	715.12	714.89	0.47%	--	--	--	--	--	--	49
822A	822	717.07	716.90	0.45%	--	--	--	--	--	--	38
824A	824	717.17	717.04	0.43%	--	--	--	--	--	--	30
826A	826	716.88	716.77	0.42%	--	--	--	--	--	--	26
829	826	715.88	714.77	0.37%	--	--	--	--	--	--	--
829A	829	716.24	716.13	0.42%	--	--	--	--	--	--	26
EW8	829G	717.96	713.25	10.47%	--	--	--	--	--	--	--
EX. 60"	829G	712.00	712.00	0.00%	--	--	--	--	--	--	--
830A	830	715.63	715.53	0.42%	--	--	--	--	--	--	24
830	830Q	715.53	715.43	0.40%	--	--	--	--	--	--	25
830Q	832E	715.18	714.59	0.48%	--	--	--	--	--	--	--
832E	833	714.59	714.04	0.47%	--	--	--	--	--	--	--
830K	830C	716.52	716.41	0.44%	--	--	--	--	--	--	25
830C	830	716.41	716.30	0.41%	--	--	--	--	--	--	27
832	832E	715.73	715.61	0.44%	--	--	--	--	--	--	27
833E	833	716.79	716.56	0.46%	--	--	--	--	--	--	50
833	EX 36"	712.54	712.37	0.41%	--	--	--	--	--	--	--

STORM SEWER PIPES

FROM STR	TO STR	INVERT ELEV FT	DISCH ELEV FT	SLOPE	608.0318	608.0324	608.0336	608.0360	608.0366	608.0412	608.0415	608.0424	608.0530
					STORM SEWER PIPE	STORM SEWER PIPE	STORM SEWER PIPE	STORM SEWER PIPE	STORM SEWER PIPE	STORM SEWER PIPE	STORM SEWER PIPE	STORM SEWER PIPE	STORM SEWER PIPE
					REINFORCED CONCRETE	REINFORCED CONCRETE	REINFORCED CONCRETE	REINFORCED CONCRETE	REINFORCED CONCRETE	REINFORCED CONCRETE	REINFORCED CONCRETE	REINFORCED CONCRETE	REINFORCED CONCRETE
					CLASS III 18-INCH	CLASS III 24-INCH	CLASS III 36-INCH	CLASS III 60-INCH	CLASS III 66-INCH	CLASS IV 12-INCH	CLASS IV 15-INCH	CLASS IV 24-INCH*	CLASS V 30-INCH
LF	LF	LF	LF	LF	LF	LF	LF	LF					
806Q	806J	719.74	719.60	0.45%	--	--	--	--	--	--	31	--	--
806J	806	719.60	719.49	0.42%	--	--	--	--	--	--	26	--	--
806M	806K	719.36	719.32	0.40%	--	--	--	--	--	--	10	--	--
806K	806F	719.32	719.21	0.44%	--	--	--	--	--	--	25	--	--
806L	806I	719.20	719.09	0.44%	--	--	--	--	--	--	25	--	--
809A	809	721.80	721.62	0.46%	--	--	--	--	--	--	--	--	--
809	811	721.79	721.28	0.55%	92	--	--	--	--	--	--	--	--
811	814	721.28	718.54	0.89%	309	--	--	--	--	--	--	--	--
814	816	718.54	716.79	0.88%	199	--	--	--	--	--	--	--	--
816	818Y	716.29	715.30	0.49%	--	202	--	--	--	--	--	--	--
818Y	818	715.30	715.23	0.35%	--	20	--	--	--	--	--	--	--
818	818C	715.23	715.14	0.41%	--	22	--	--	--	--	--	--	--
814A	814	720.81	720.70	0.42%	--	--	--	--	--	--	--	--	--
816A	816	717.72	717.61	0.42%	--	--	--	--	--	--	--	--	--
818T	818A	716.08	716.04	0.40%	--	--	--	--	--	--	--	--	--
818A	818	716.04	715.90	0.44%	--	--	--	--	--	--	--	--	--
818Q	818A	716.13	716.04	0.45%	--	--	--	--	--	--	--	--	--
820A	820	716.71	716.59	0.44%	--	--	--	--	--	--	--	--	--
818C	820	715.14	713.91	0.84%	--	146	--	--	--	--	--	--	--
820	821G	713.91	713.45	0.92%	--	50	--	--	--	--	--	--	--
821G	822	713.45	712.94	0.30%	--	172	--	--	--	--	--	--	--
824	822	714.17	713.44	0.34%	--	214	--	--	--	--	--	--	--
826	824	714.77	714.17	0.34%	176	--	--	--	--	--	--	--	--
821A	821G	715.12	714.89	0.47%	--	--	--	--	--	--	--	--	--
822A	822	717.07	716.90	0.45%	--	--	--	--	--	--	--	--	--
824A	824	717.17	717.04	0.43%	--	--	--	--	--	--	--	--	--
826A	826	716.88	716.77	0.42%	--	--	--	--	--	--	--	--	--
829	826	715.88	714.77	0.37%	302	--	--	--	--	--	--	--	--
829A	829	716.24	716.13	0.42%	--	--	--	--	--	--	--	--	--
EW8	829G	717.96	713.25	10.47%	--	--	--	--	--	--	45	--	--
EX. 60"	829G	712.00	712.00	0.00%	--	--	--	10	--	--	--	--	--
830A	830	715.63	715.53	0.42%	--	--	--	--	--	--	--	--	--
830	830Q	715.53	715.43	0.40%	--	--	--	--	--	--	--	--	--
830Q	832E	715.18	714.59	0.48%	122	--	--	--	--	--	--	--	--
832E	833	714.59	714.04	0.47%	116	--	--	--	--	--	--	--	--
830K	830C	716.52	716.41	0.44%	--	--	--	--	--	--	--	--	--
830C	830	716.41	716.30	0.41%	--	--	--	--	--	--	--	--	--
832	832E	715.73	715.61	0.44%	--	--	--	--	--	--	--	--	--
833E	833	716.79	716.56	0.46%	--	--	--	--	--	--	--	--	--
833	EX 36"	712.54	712.37	0.41%	--	--	--	--	--	--	--	--	--

STORM SEWER PIPES

FROM STR	TO STR	INVERT ELEV FT	DISCH ELEV FT	SLOPE	608.2324	608.2424	608.0515	608.0530	608.0536	NOTES
					STORM SEWER PIPE	STORM SEWER PIPE	STORM SEWER PIPE	STORM SEWER PIPE	STORM SEWER PIPE	
					REINFORCED CONCRETE HORIZONTAL ELLIPTICAL	REINFORCED CONCRETE HORIZONTAL ELLIPTICAL	REINFORCED CONCRETE	REINFORCED CONCRETE	REINFORCED CONCRETE	
					CLASS III	CLASS IV	CLASS V	CLASS V	CLASS V	
					24X38-INCH	24X38-INCH	15-INCH	30-INCH	36-INCH	
					LF	LF	LF	LF	LF	
806Q	806J	719.74	719.60	0.45%	--	--	--	--	--	
806J	806	719.60	719.49	0.42%	--	--	--	--	--	
806M	806K	719.36	719.32	0.40%	--	--	--	--	--	
806K	806F	719.32	719.21	0.44%	--	--	--	--	--	
806L	806I	719.20	719.09	0.44%	--	--	--	--	--	
809A	809	721.80	721.62	0.46%	--	--	--	--	--	
809	811	721.79	721.28	0.55%	--	--	--	--	--	
811	814	721.28	718.54	0.89%	--	--	--	--	--	
814	816	718.54	716.79	0.88%	--	--	--	--	--	
816	818Y	716.29	715.30	0.49%	--	--	--	--	--	
818Y	818	715.30	715.23	0.35%	--	--	--	--	--	
818	818C	715.23	715.14	0.41%	--	--	--	--	--	
814A	814	720.81	720.70	0.42%	--	--	--	--	--	
816A	816	717.72	717.61	0.42%	--	--	--	--	--	
818T	818A	716.08	716.04	0.40%	--	--	--	--	--	
818A	818	716.04	715.90	0.44%	--	--	--	--	--	
818Q	818A	716.13	716.04	0.45%	--	--	--	--	--	
820A	820	716.71	716.59	0.44%	--	--	--	--	--	
818C	820	715.14	713.91	0.84%	--	--	--	--	--	
820	821G	713.91	713.45	0.92%	--	--	--	--	--	
821G	822	713.45	712.94	0.30%	--	--	--	--	--	
824	822	714.17	713.44	0.34%	--	--	--	--	--	
826	824	714.77	714.17	0.34%	--	--	--	--	--	
821A	821G	715.12	714.89	0.47%	--	--	--	--	--	
822A	822	717.07	716.90	0.45%	--	--	--	--	--	
824A	824	717.17	717.04	0.43%	--	--	--	--	--	
826A	826	716.88	716.77	0.42%	--	--	--	--	--	
829	826	715.88	714.77	0.37%	--	--	--	--	--	
829A	829	716.24	716.13	0.42%	--	--	--	--	--	
EW8	829G	717.96	713.25	10.47%	--	--	--	--	--	
EX. 60"	829G	712.00	712.00	0.00%	--	--	--	--	--	
830A	830	715.63	715.53	0.42%	--	--	--	--	--	
830	830Q	715.53	715.43	0.40%	--	--	--	--	--	
830Q	832E	715.18	714.59	0.48%	--	--	--	--	--	
832E	833	714.59	714.04	0.47%	--	--	--	--	--	
830K	830C	716.52	716.41	0.44%	--	--	--	--	--	
830C	830	716.41	716.30	0.41%	--	--	--	--	--	
832	832E	715.73	715.61	0.44%	--	--	--	--	--	
833E	833	716.79	716.56	0.46%	--	--	--	--	--	
833	EX 36"	712.54	712.37	0.41%	--	--	--	--	41	

STORM SEWER PIPES (CONTINUED)

FROM STAGE 2	TO	INVERT ELEV	DISCH ELEV	SLOPE	520.8000	522.0418	522.1018	524.0618	633.5200*	608.0312	608.0315
					CONCRETE	CULVERT PIPE	APRON ENDWALLS	APRON ENDWALLS	MARKERS	STORM SEWER	STORM SEWER
					COLLARS FOR PIPE	REINFORCED	FOR CULVERT PIPE	FOR CULVERT PIPE	CULVERT END	PIPE	PIPE
					CONCRETE	CONCRETE	CONCRETE	CONCRETE	CONCRETE	CONCRETE	CONCRETE
					CLASS III	CLASS IV	CLASS III	SALVAGED	CLASS III	CLASS III	CLASS III
					12-INCH	18-INCH	18-INCH	18-INCH	12-INCH	15-INCH	15-INCH
					EACH	LF	EACH	EACH	EACH	LF	LF
834	833	717.71	714.31	1.70%	--	--	--	--	--	--	--
837	834	721.12	717.71	1.70%	--	--	--	--	--	--	--
839	837	723.18	721.12	0.94%	--	--	--	--	--	--	--
841	839	725.17	723.18	0.88%	--	--	--	--	--	--	--
834A	834	719.06	718.93	0.45%	--	--	--	--	--	--	29
837A	837	721.98	721.87	0.42%	--	--	--	--	--	--	26
839A	839	724.07	723.96	0.42%	--	--	--	--	--	--	26
841A	841	726.16	726.05	0.42%	--	--	--	--	--	--	26
843	841	726.45	725.17	0.66%	--	--	--	--	--	--	--
844A	843	727.11	726.45	0.73%	--	--	--	--	--	--	--
845H	844A	727.90	727.11	0.70%	--	--	--	--	--	--	--
846	845H	728.35	727.90	0.65%	--	--	--	--	--	--	--
847	846	728.71	728.35	0.71%	--	--	--	--	--	--	--
848	847	729.63	728.71	0.67%	--	--	--	--	--	--	--
844B	844H	728.77	728.54	0.47%	--	--	--	--	--	--	49
844H	844A	728.54	728.43	0.41%	--	--	--	--	--	--	27
846A	846	729.65	729.48	0.45%	--	--	--	--	--	--	38
848A	848	730.80	730.60	0.45%	--	--	--	--	--	--	44
850	848	731.49	730.13	0.68%	--	--	--	--	--	--	--
853	850	733.29	731.49	0.69%	--	--	--	--	--	--	--
850A	850	731.86	731.74	0.43%	--	--	--	--	--	--	28
853A	853	733.41	733.29	0.44%	--	--	--	--	--	--	27
856A	856F	732.17	731.85	0.43%	--	--	--	--	--	--	74
856F	154	731.85	731.64	0.49%	--	--	--	--	--	--	43
154	154J	731.39	731.19	0.41%	--	--	--	--	--	--	--
154J	152	730.69	729.97	0.57%	--	--	--	--	--	--	--
152	150	729.97	729.07	0.52%	--	--	--	--	--	--	--
150	EX 36"	728.07	727.95	0.46%	--	--	--	--	--	--	--
154G	154C	731.85	731.77	0.38%	--	--	--	--	--	--	21
154C	154B	731.74	731.65	0.38%	--	--	--	--	--	--	24
154B	154J	731.40	731.22	0.38%	--	--	--	--	--	--	--
152B	152A	733.01	732.90	0.46%	--	--	--	--	--	--	24
152A	152	732.90	732.72	0.46%	--	--	--	--	--	--	39
150A	150	734.76	734.56	0.45%	--	--	--	--	--	--	44
860A	860	730.60	730.37	0.47%	--	--	--	--	--	--	49
860	862	730.37	729.52	0.49%	--	--	--	--	--	--	174
862	EW10	729.27	728.19	0.50%	--	--	--	--	--	--	--
862A	862	729.66	729.52	0.47%	--	--	--	--	--	--	30
154H	154B	731.75	731.67	0.40%	--	--	--	--	--	--	20
3008B	3008A	714.79	714.68	0.42%	--	--	--	--	--	--	--
3008A	821G	714.68	714.21	0.59%	--	--	--	--	--	--	--
3008H	3008G	715.02	714.91	0.44%	--	--	--	--	--	--	--
3008G	3008F	714.91	714.84	0.44%	--	--	--	--	--	--	--

3

3

STORM SEWER PIPES (CONTINUED)

FROM STAGE 2	TO	INVERT ELEV	DISCH ELEV	SLOPE	608.0318	608.0324	608.0336	608.0360	608.0366	608.0412	608.0415	608.0424	608.0530
					STORM SEWER PIPE REINFORCED CONCRETE CLASS III 18-INCH	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 24-INCH	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 36-INCH	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 60-INCH*	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 66-INCH	STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 12-INCH	STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 15-INCH	STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 24-INCH*	STORM SEWER PIPE REINFORCED CONCRETE CLASS V 30-INCH
					LF	LF	LF	LF	LF	LF	LF	LF	LF
834	833	717.71	714.31	1.70%	--	200	--	--	--	--	--	--	--
837	834	721.12	717.71	1.70%	--	201	--	--	--	--	--	--	--
839	837	723.18	721.12	0.94%	--	220	--	--	--	--	--	--	--
841	839	725.17	723.18	0.88%	--	227	--	--	--	--	--	--	--
834A	834	719.06	718.93	0.45%	--	--	--	--	--	--	--	--	--
837A	837	721.98	721.87	0.42%	--	--	--	--	--	--	--	--	--
839A	839	724.07	723.96	0.42%	--	--	--	--	--	--	--	--	--
841A	841	726.16	726.05	0.42%	--	--	--	--	--	--	--	--	--
843	841	726.45	725.17	0.66%	--	194	--	--	--	--	--	--	--
844A	843	727.11	726.45	0.73%	--	90	--	--	--	--	--	--	--
845H	844A	727.90	727.11	0.70%	--	113	--	--	--	--	--	--	--
846	845H	728.35	727.90	0.65%	--	69	--	--	--	--	--	--	--
847	846	728.71	728.35	0.71%	--	51	--	--	--	--	--	--	--
848	847	729.63	728.71	0.67%	--	137	--	--	--	--	--	--	--
844B	844H	728.77	728.54	0.47%	--	--	--	--	--	--	--	--	--
844H	844A	728.54	728.43	0.41%	--	--	--	--	--	--	--	--	--
846A	846	729.65	729.48	0.45%	--	--	--	--	--	--	--	--	--
848A	848	730.80	730.60	0.45%	--	--	--	--	--	--	--	--	--
850	848	731.49	730.13	0.68%	199	--	--	--	--	--	--	--	--
853	850	733.29	731.49	0.69%	262	--	--	--	--	--	--	--	--
850A	850	731.86	731.74	0.43%	--	--	--	--	--	--	--	--	--
853A	853	733.41	733.29	0.44%	--	--	--	--	--	--	--	--	--
856A	856F	732.17	731.85	0.43%	--	--	--	--	--	--	--	--	--
856F	154	731.85	731.64	0.49%	--	--	--	--	--	--	--	--	--
154	154J	731.39	731.19	0.41%	49	--	--	--	--	--	--	--	--
154J	152	730.69	729.97	0.57%	--	126	--	--	--	--	--	--	--
152	150	729.97	729.07	0.52%	--	174	--	--	--	--	--	--	--
150	EX 36"	728.07	727.95	0.46%	--	--	26	--	--	--	--	--	--
154G	154C	731.85	731.77	0.38%	--	--	--	--	--	--	--	--	--
154C	154B	731.74	731.65	0.38%	--	--	--	--	--	--	--	--	--
154B	154J	731.40	731.22	0.38%	47	--	--	--	--	--	--	--	--
152B	152A	733.01	732.90	0.46%	--	--	--	--	--	--	--	--	--
152A	152	732.90	732.72	0.46%	--	--	--	--	--	--	--	--	--
150A	150	734.76	734.56	0.45%	--	--	--	--	--	--	--	--	--
860A	860	730.60	730.37	0.47%	--	--	--	--	--	--	--	--	--
860	862	730.37	729.52	0.49%	--	--	--	--	--	--	--	--	--
862	EW10	729.27	728.19	0.50%	218	--	--	--	--	--	--	--	--
862A	862	729.66	729.52	0.47%	--	--	--	--	--	--	--	--	--
154H	154B	731.75	731.67	0.40%	--	--	--	--	--	--	--	--	--
3008B	3008A	714.79	714.68	0.42%	--	--	--	--	--	--	--	--	--
3008A	821G	714.68	714.21	0.59%	--	--	--	--	--	--	--	--	--
3008H	3008G	715.02	714.91	0.44%	--	--	--	--	--	--	--	--	--
3008G	3008F	714.91	714.84	0.44%	--	--	--	--	--	--	--	--	--

STORM SEWER PIPES (CONTINUED)

FROM	TO	INVERT ELEV	DISCH ELEV	SLOPE	608.2324	608.2424	608.0515	608.0530	608.0536	NOTES
					STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS III 24X38-INCH	STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS IV 24X38-INCH	STORM SEWER PIPE REINFORCED CONCRETE CLASS V 15-INCH	STORM SEWER PIPE REINFORCED CONCRETE CLASS V 30-INCH	STORM SEWER PIPE REINFORCED CONCRETE CLASS V 36-INCH	
STAGE 2					LF	LF	LF	LF	LF	
834	833	717.71	714.31	1.70%	--	--	--	--	--	
837	834	721.12	717.71	1.70%	--	--	--	--	--	
839	837	723.18	721.12	0.94%	--	--	--	--	--	
841	839	725.17	723.18	0.88%	--	--	--	--	--	
834A	834	719.06	718.93	0.45%	--	--	--	--	--	
837A	837	721.98	721.87	0.42%	--	--	--	--	--	
839A	839	724.07	723.96	0.42%	--	--	--	--	--	
841A	841	726.16	726.05	0.42%	--	--	--	--	--	
843	841	726.45	725.17	0.66%	--	--	--	--	--	
844A	843	727.11	726.45	0.73%	--	--	--	--	--	
845H	844A	727.90	727.11	0.70%	--	--	--	--	--	
846	845H	728.35	727.90	0.65%	--	--	--	--	--	
847	846	728.71	728.35	0.71%	--	--	--	--	--	
848	847	729.63	728.71	0.67%	--	--	--	--	--	
844B	844H	728.77	728.54	0.47%	--	--	--	--	--	
844H	844A	728.54	728.43	0.41%	--	--	--	--	--	
846A	846	729.65	729.48	0.45%	--	--	--	--	--	
848A	848	730.80	730.60	0.45%	--	--	--	--	--	
850	848	731.49	730.13	0.68%	--	--	--	--	--	
853	850	733.29	731.49	0.69%	--	--	--	--	--	
850A	850	731.86	731.74	0.43%	--	--	--	--	--	
853A	853	733.41	733.29	0.44%	--	--	--	--	--	
856A	856F	732.17	731.85	0.43%	--	--	--	--	--	
856F	154	731.85	731.64	0.49%	--	--	--	--	--	
154	154J	731.39	731.19	0.41%	--	--	--	--	--	
154J	152	730.69	729.97	0.57%	--	--	--	--	--	
152	150	729.97	729.07	0.52%	--	--	--	--	--	
150	EX 36"	728.07	727.95	0.46%	--	--	--	--	--	
154G	154C	731.85	731.77	0.38%	--	--	--	--	--	
154C	154B	731.74	731.65	0.38%	--	--	--	--	--	
154B	154J	731.40	731.22	0.38%	--	--	--	--	--	
152B	152A	733.01	732.90	0.46%	--	--	--	--	--	
152A	152	732.90	732.72	0.46%	--	--	--	--	--	
150A	150	734.76	734.56	0.45%	--	--	--	--	--	
860A	860	730.60	730.37	0.47%	--	--	--	--	--	
860	862	730.37	729.52	0.49%	--	--	--	--	--	
862	EW10	729.27	728.19	0.50%	--	--	--	--	--	
862A	862	729.66	729.52	0.47%	--	--	--	--	--	
154H	154B	731.75	731.67	0.40%	--	--	--	--	--	
3008B	3008A	714.79	714.68	0.42%	--	--	26	--	--	
3008A	821G	714.68	714.21	0.59%	--	--	80	--	--	
3008H	3008G	715.02	714.91	0.44%	--	--	25	--	--	
3008G	3008F	714.91	714.84	0.44%	--	--	16	--	--	

STORM SEWER PIPES (CONTINUED)

FROM STAGE 2	TO	INVERT ELEV FT	DISCH ELEV FT	SLOPE	520.8000 CONCRETE COLLARS FOR PIPE EACH	522.0418 CULVERT PIPE REINFORCED CONCRETE CLASS IV 18-INCH LF	522.1018 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 18-INCH EACH	524.0618 APRON ENDWALLS FOR CULVERT PIPE SALVAGED 18-INCH EACH	633.5200* MARKERS CULVERT END EACH	608.0312 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 12-INCH LF	608.0315 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 15-INCH LF
3008F	300C	714.84	714.80	0.40%	--	--	--	--	--	--	--
3008E	3008D	714.95	714.91	0.40%	--	--	--	--	--	--	--
3008D	3008C	714.91	714.80	0.44%	--	--	--	--	--	--	--
3008C	3008A	714.80	714.68	0.44%	--	--	--	--	--	--	--
1008B	1008A	727.35	727.24	0.44%	--	--	--	--	--	--	--
1008A	1008C	727.24	727.10	0.45%	--	--	--	--	--	--	--
1008C	1008F	727.10	727.07	0.30%	--	--	--	--	--	--	--
1008J	1008H	726.80	726.71	0.36%	--	--	--	--	--	--	--
1008H	843	726.71	726.45	0.45%	--	--	--	--	--	--	--
1008D	1008E	727.22	727.18	0.40%	--	--	--	--	--	--	--
1008E	1008F	727.18	727.07	0.44%	--	--	--	--	--	--	--
1008G	1008H	726.94	726.79	0.28%	--	--	--	--	--	--	--
1008F	1008J	727.07	726.80	0.44%	--	--	--	--	--	--	--
844G	844	727.62	727.34	0.47%	--	--	--	--	--	--	--
844	1008C	727.34	727.10	0.46%	--	--	--	--	--	--	--
845	1008C	712.44	712.33	0.38%	--	--	--	--	--	--	--
858	858A	733.15	732.98	0.42%	--	--	--	--	--	--	--
STAGE 2 SUBTOTALS										78	1,439

STORM SEWER PIPES (CONTINUED)

FROM STAGE 2	TO	INVERT ELEV FT	DISCH ELEV FT	SLOPE	608.0318	608.0324	608.0336	608.0360	608.0366	608.0412	608.0415	608.0424	608.0530	
					STORM SEWER PIPE REINFORCED CONCRETE CLASS III 18-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 24-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 36-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 42-INCH* LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 66-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 12-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 15-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 24-INCH* LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS V 30-INCH LF	
3008F	300C	714.84	714.80	0.40%	--	--	--	--	--	--	--	--	--	
3008E	3008D	714.95	714.91	0.40%	--	--	--	--	--	--	--	--	--	
3008D	3008C	714.91	714.80	0.44%	--	--	--	--	--	--	--	--	--	
3008C	3008A	714.80	714.68	0.44%	--	--	--	--	--	--	--	--	--	
1008B	1008A	727.35	727.24	0.44%	--	--	--	--	--	--	--	--	--	
1008A	1008C	727.24	727.10	0.45%	--	--	--	--	--	--	--	--	--	
1008C	1008F	727.10	727.07	0.30%	--	--	--	--	--	--	--	--	--	
1008J	1008H	726.80	726.71	0.36%	--	--	--	--	--	--	--	--	--	
1008H	843	726.71	726.45	0.45%	--	--	--	--	--	--	--	--	--	
1008D	1008E	727.22	727.18	0.40%	--	--	--	--	--	--	--	--	--	
1008E	1008F	727.18	727.07	0.44%	--	--	--	--	--	--	--	--	--	
1008G	1008H	726.94	726.79	0.28%	--	--	--	--	--	--	--	--	--	
1008F	1008J	727.07	726.80	0.44%	--	--	--	--	--	--	--	--	--	
844G	844	727.62	727.34	0.47%	--	--	--	--	--	--	--	--	--	
844	1008C	727.34	727.10	0.46%	--	--	--	--	--	--	--	--	--	
845	1008C	712.44	712.33	0.38%	--	--	--	--	--	--	--	--	29	
858	858A	733.15	732.98	0.42%	--	--	--	--	--	40	--	--	--	
STAGE 2 SUBTOTALS						2,274	2,909	26	10	--	59	1,702	1,256	29

STORM SEWER PIPES (CONTINUED)

FROM STAGE 2	TO	INVERT ELEV FT	DISCH ELEV FT	SLOPE	608.2324	608.2424	608.0515	608.0530	608.0536	NOTES
					STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS III 24X38-INCH	STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS IV 24X38-INCH	STORM SEWER PIPE REINFORCED CONCRETE CLASS V 15-INCH	STORM SEWER PIPE REINFORCED CONCRETE CLASS V 30-INCH	STORM SEWER PIPE REINFORCED CONCRETE CLASS V 36-INCH	
					LF	LF	LF	LF	LF	
3008F	300C	714.84	714.80	0.40%	--	--	10	--	--	
3008E	3008D	714.95	714.91	0.40%	--	--	10	--	--	
3008D	3008C	714.91	714.80	0.44%	--	--	25	--	--	
3008C	3008A	714.80	714.68	0.44%	--	--	27	--	--	
1008B	1008A	727.35	727.24	0.44%	--	--	25	--	--	
1008A	1008C	727.24	727.10	0.45%	--	--	31	--	--	
1008C	1008F	727.10	727.07	0.30%	--	--	10	--	--	
1008J	1008H	726.80	726.71	0.36%	--	--	25	--	--	
1008H	843	726.71	726.45	0.45%	--	--	58	--	--	
1008D	1008E	727.22	727.18	0.40%	--	--	10	--	--	
1008E	1008F	727.18	727.07	0.44%	--	--	25	--	--	
1008G	1008H	726.94	726.79	0.28%	--	--	53	--	--	
1008F	1008J	727.07	726.80	0.44%	--	--	61	--	--	
844G	844	727.62	727.34	0.47%	--	--	59	--	--	
844	1008C	727.34	727.10	0.46%	--	--	52	--	--	
845	1008C	712.44	712.33	0.38%	--	--	--	29	--	
858	858A	733.15	732.98	0.42%	--	--	--	--	--	
STAGE 2 SUBTOTALS					118	161	628	29	41	

STORM SEWER PIPES (CONTINUED)

FROM STR	TO STR	INVERT ELEV FT	DISCH ELEV FT	SLOPE	520.8000	522.0418	522.1018	524.0618	633.5200*	608.0312	608.0315
					CONCRETE COLLARS FOR PIPE EACH	CULVERT PIPE REINFORCED CONCRETE CLASS IV 18-INCH LF	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 18-INCH EACH	APRON ENDWALLS FOR CULVERT PIPE SALVAGED 18-INCH EACH	MARKERS CULVERT END EACH	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 12-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 15-INCH LF
STAGE 3											
926	926D	720.33	720.16	0.50%	--	--	--	--	--	--	--
926A	926B	720.57	720.54	0.50%	--	--	--	--	--	--	--
926B	926C	720.54	720.20	0.50%	--	--	--	--	--	--	--
926C	926D	720.20	720.16	0.50%	--	--	--	--	--	--	--
Ex 12"	807	722.04	722.00	0.22%	--	--	--	--	--	--	--
EW6	807	724.03	721.75	11.40%	--	--	--	--	--	--	--
808D	808	720.80	720.56	0.48%	--	--	--	--	--	--	50
859	858A	733.21	732.98	0.43%	--	--	--	--	--	--	--
858A	857	732.98	732.58	0.48%	--	--	--	--	--	--	--
857	154E	732.58	731.98	0.43%	--	--	--	--	--	--	138
154E	154D	731.98	731.78	0.43%	--	--	--	--	--	--	47
154D	154C	731.78	731.74	0.44%	--	--	--	--	--	--	9
154F	154G	731.88	731.85	0.33%	--	--	--	--	--	--	9
152D	152C	733.23	733.05	0.47%	--	--	--	--	--	--	38
152C	152B	733.05	733.01	0.40%	--	--	--	--	--	--	10
150C	150B	735.07	734.89	0.47%	--	--	--	--	--	--	38
150B	150A	734.89	734.76	0.45%	--	--	--	--	--	--	29
807	Ex 12"	718.90	718.26	0.40%	--	--	--	--	--	--	--
829G	EW3	709.00	708.00	0.58%	--	--	--	--	--	--	--
CTH H STAGE 3 SUBTOTALS										--	368

STORM SEWER PIPES (CONTINUED)

FROM STR	TO STR	INVERT ELEV FT	DISCH ELEV FT	SLOPE	608.0318	608.0324	608.0336	608.0360	608.0366	608.0412	608.0415	608.0424	608.0530
					STORM SEWER PIPE REINFORCED CONCRETE CLASS III 18-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 24-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 36-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 60-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 66-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 12-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 15-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 24-INCH* LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS V 30-INCH LF
STAGE 3													
926	926D	720.33	720.16	0.50%	--	--	--	--	--	--	40	--	--
926A	926B	720.57	720.54	0.50%	--	--	--	--	--	--	10	--	--
926B	926C	720.54	720.20	0.50%	--	--	--	--	--	--	72	--	--
926C	926D	720.20	720.16	0.50%	--	--	--	--	--	--	13	--	--
Ex 12"	807	722.04	722.00	0.22%	--	--	--	--	--	18	--	--	--
EW6	807	724.03	721.75	11.40%	--	--	--	--	--	--	--	--	--
808D	808	720.80	720.56	0.48%	--	--	--	--	--	--	--	--	--
859	858A	733.21	732.98	0.43%	--	--	--	--	--	--	54	--	--
858A	857	732.98	732.58	0.48%	--	--	--	--	--	--	84	--	--
857	154E	732.58	731.98	0.43%	--	--	--	--	--	--	--	--	--
154E	154D	731.98	731.78	0.43%	--	--	--	--	--	--	--	--	--
154D	154C	731.78	731.74	0.44%	--	--	--	--	--	--	--	--	--
154F	154G	731.88	731.85	0.33%	--	--	--	--	--	--	--	--	--
152D	152C	733.23	733.05	0.47%	--	--	--	--	--	--	--	--	--
152C	152B	733.05	733.01	0.40%	--	--	--	--	--	--	--	--	--
150C	150B	735.07	734.89	0.47%	--	--	--	--	--	--	--	--	--
150B	150A	734.89	734.76	0.45%	--	--	--	--	--	--	--	--	--
807	Ex 12"	718.90	718.26	0.40%	--	--	--	--	--	161	--	--	--
829G	EW3	709.00	708.00	0.58%	--	--	--	--	172	--	--	--	--
CTH H STAGE 3 SUBTOTALS					--	--	--	--	172	179	273	--	--

STORM SEWER PIPES (CONTINUED)

FROM STR	TO STR	INVERT ELEV FT	DISCH ELEV FT	SLOPE	608.2324	608.2424	608.0515	608.0530	608.0536	NOTES
					STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS III 24X38-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS IV 24X38-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS V 15-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS V 30-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS V 36-INCH LF	
STAGE 3										
926	926D	720.33	720.16	0.50%	--	--	--	--	--	
926A	926B	720.57	720.54	0.50%	--	--	--	--	--	
926B	926C	720.54	720.20	0.50%	--	--	--	--	--	
926C	926D	720.20	720.16	0.50%	--	--	--	--	--	
Ex 12"	807	722.04	722.00	0.22%	--	--	--	--	--	
EW6	807	724.03	721.75	11.40%	--	--	20	--	--	
808D	808	720.80	720.56	0.48%	--	--	--	--	--	
859	858A	733.21	732.98	0.43%	--	--	--	--	--	
858A	857	732.98	732.58	0.48%	--	--	--	--	--	
857	154E	732.58	731.98	0.43%	--	--	--	--	--	
154E	154D	731.98	731.78	0.43%	--	--	--	--	--	
154D	154C	731.78	731.74	0.44%	--	--	--	--	--	
154F	154G	731.88	731.85	0.33%	--	--	--	--	--	
152D	152C	733.23	733.05	0.47%	--	--	--	--	--	
152C	152B	733.05	733.01	0.40%	--	--	--	--	--	
150C	150B	735.07	734.89	0.47%	--	--	--	--	--	
150B	150A	734.89	734.76	0.45%	--	--	--	--	--	
807	Ex 12"	718.90	718.26	0.40%	--	--	--	--	--	
829G	EW3	709.00	708.00	0.58%	--	--	--	--	--	
CTH H STAGE 3 SUBTOTALS					--	--	20	--	--	

STORM SEWER PIPES (CONTINUED)

FROM STR	TO STR	INVERT ELEV FT	DISCH ELEV FT	SLOPE	520.8000	522.0418	522.1018	524.0618	633.5200*	608.0312	608.0315
					CONCRETE COLLARS FOR PIPE EACH	CULVERT PIPE REINFORCED CONCRETE CLASS IV 18-INCH LF	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 18-INCH EACH	APRON ENDWALLS FOR CULVERT PIPE SALVAGED 18-INCH EACH	MARKERS CULVERT END EACH	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 12-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 15-INCH LF
CTH H STAGE 4											
792HN+78	793HN+09	730.08	729.65	1.32%	--	33	2	--	2	--	--
922A	922C	721.12	720.78	0.50%	--	--	--	--	--	--	--
922B	922C	720.81	720.78	0.50%	--	--	--	--	--	--	--
922C	E922D	720.78	720.74	0.50%	--	--	--	--	--	--	--
924	924A	720.86	720.83	0.50%	--	--	--	--	--	--	--
924A	924B	720.83	720.49	0.50%	--	--	--	--	--	--	--
924B	924C	720.49	720.45	0.50%	--	--	--	--	--	--	--
808	808A	720.56	720.49	0.47%	--	--	--	--	--	--	15
808A	808C	720.49	720.37	0.46%	--	--	--	--	--	--	26
808B	EX 15"	718.65	718.41	0.49%	--	--	--	--	--	--	49
809D	809C	722.50	722.38	0.46%	--	--	--	--	--	--	26
809C	809A	722.38	722.22	0.48%	--	--	--	--	--	--	33
814D	814C	721.09	720.97	0.46%	--	--	--	--	--	--	26
814C	814A	720.97	720.81	0.47%	--	--	--	--	--	--	34
816D	816C	718.04	717.79	0.49%	--	--	--	--	--	--	51
816C	816A	717.79	717.72	0.41%	--	--	--	--	--	--	17
818R	818I	716.53	716.38	0.45%	--	--	--	--	--	--	33
818I	818F	716.38	716.20	0.46%	--	--	--	--	--	--	39
818F	818D	716.20	716.14	0.38%	--	--	--	--	--	--	16
818D	818T	716.14	716.08	0.43%	--	--	--	--	--	--	14
818N	818M	716.27	716.23	0.40%	--	--	--	--	--	--	10
818M	818D	716.23	716.14	0.45%	--	--	--	--	--	--	20
819	819A	716.10	715.94	0.37%	--	--	--	--	--	--	43
819A	821D	715.94	715.43	0.47%	--	--	--	--	--	--	108
817	818T	716.65	716.08	0.49%	--	--	--	--	--	--	117
821D	821C	715.43	715.27	0.44%	--	--	--	--	--	--	36
821C	821B	715.27	715.23	0.40%	--	--	--	--	--	--	10
821B	821A	715.23	715.12	0.46%	--	--	--	--	--	--	24
820B	820A	716.75	716.71	0.40%	--	--	--	--	--	--	10
822D	822C	717.34	717.22	0.46%	--	--	--	--	--	--	26
822C	822B	717.22	717.18	0.40%	--	--	--	--	--	--	10

STORM SEWER PIPES (CONTINUED)

FROM STR	TO STR	INVERT ELEV FT	DISCH ELEV FT	SLOPE	608.0318	608.0324	608.0336	608.0360	608.0366	608.0412	608.0415	608.0424	608.0530
					STORM SEWER PIPE	STORM SEWER PIPE	STORM SEWER PIPE	STORM SEWER PIPE	STORM SEWER PIPE	STORM SEWER PIPE	STORM SEWER PIPE	STORM SEWER PIPE	
					REINFORCED CONCRETE CLASS III	REINFORCED CONCRETE CLASS III	REINFORCED CONCRETE CLASS III	REINFORCED CONCRETE CLASS III	REINFORCED CONCRETE CLASS III	REINFORCED CONCRETE CLASS IV	REINFORCED CONCRETE CLASS IV	REINFORCED CONCRETE CLASS IV	REINFORCED CONCRETE CLASS V
18-INCH LF	24-INCH LF	36-INCH LF	60-INCH LF	66-INCH LF	12-INCH LF	15-INCH LF	24-INCH* LF	30-INCH LF					
CTH H STAGE 4													
792HN+78	793HN+09	730.08	729.65	1.32%	--	--	--	--	--	--	--	--	--
922A	922C	721.12	720.78	0.50%	--	--	--	--	--	--	72	--	--
922B	922C	720.81	720.78	0.50%	--	--	--	--	--	--	10	--	--
922C	E922D	720.78	720.74	0.50%	--	--	--	--	--	--	13	--	--
924	924A	720.86	720.83	0.50%	--	--	--	--	--	--	10	--	--
924A	924B	720.83	720.49	0.50%	--	--	--	--	--	--	72	--	--
924B	924C	720.49	720.45	0.50%	--	--	--	--	--	--	13	--	--
808	808A	720.56	720.49	0.47%	--	--	--	--	--	--	190	--	--
808A	808C	720.49	720.37	0.46%	--	--	--	--	--	--	--	--	--
808B	EX 15"	718.65	718.41	0.49%	--	--	--	--	--	--	--	--	--
809D	809C	722.50	722.38	0.46%	--	--	--	--	--	--	--	--	--
809C	809A	722.38	722.22	0.48%	--	--	--	--	--	--	--	--	--
814D	814C	721.09	720.97	0.46%	--	--	--	--	--	--	--	--	--
814C	814A	720.97	720.81	0.47%	--	--	--	--	--	--	--	--	--
816D	816C	718.04	717.79	0.49%	--	--	--	--	--	--	--	--	--
816C	816A	717.79	717.72	0.41%	--	--	--	--	--	--	--	--	--
818R	818I	716.53	716.38	0.45%	--	--	--	--	--	--	--	--	--
818I	818F	716.38	716.20	0.46%	--	--	--	--	--	--	--	--	--
818F	818D	716.20	716.14	0.38%	--	--	--	--	--	--	--	--	--
818D	818T	716.14	716.08	0.43%	--	--	--	--	--	--	--	--	--
818N	818M	716.27	716.23	0.40%	--	--	--	--	--	--	--	--	--
818M	818D	716.23	716.14	0.45%	--	--	--	--	--	--	--	--	--
819	819A	716.10	715.94	0.37%	--	--	--	--	--	--	--	--	--
819A	821D	715.94	715.43	0.47%	--	--	--	--	--	--	--	--	--
817	818T	716.65	716.08	0.49%	--	--	--	--	--	--	--	--	--
821D	821C	715.43	715.27	0.44%	--	--	--	--	--	--	--	--	--
821C	821B	715.27	715.23	0.40%	--	--	--	--	--	--	--	--	--
821B	821A	715.23	715.12	0.46%	--	--	--	--	--	--	--	--	--
820B	820A	716.75	716.71	0.40%	--	--	--	--	--	--	--	--	--
822D	822C	717.34	717.22	0.46%	--	--	--	--	--	--	--	--	--
822C	822B	717.22	717.18	0.40%	--	--	--	--	--	--	--	--	--

STORM SEWER PIPES (CONTINUED)

FROM STR	TO STR	INVERT ELEV FT	DISCH ELEV FT	SLOPE	608.2324	608.2424	608.0515	608.0530	608.0536	NOTES
					STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS III 24X38-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS IV 24X38-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS V 15-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS V 30-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS V 36-INCH LF	
CTH H STAGE 4										
792HN+78	793HN+09	730.08	729.65	1.32%	--	--	--	--	--	
922A	922C	721.12	720.78	0.50%	--	--	--	--	--	
922B	922C	720.81	720.78	0.50%	--	--	--	--	--	
922C	E922D	720.78	720.74	0.50%	--	--	--	--	--	
924	924A	720.86	720.83	0.50%	--	--	--	--	--	
924A	924B	720.83	720.49	0.50%	--	--	--	--	--	
924B	924C	720.49	720.45	0.50%	--	--	--	--	--	
808	808A	720.56	720.49	0.47%	--	--	--	--	--	
808A	808C	720.49	720.37	0.46%	--	--	--	--	--	
808B	EX 15"	718.65	718.41	0.49%	--	--	--	--	--	
809D	809C	722.50	722.38	0.46%	--	--	--	--	--	
809C	809A	722.38	722.22	0.48%	--	--	--	--	--	
814D	814C	721.09	720.97	0.46%	--	--	--	--	--	
814C	814A	720.97	720.81	0.47%	--	--	--	--	--	
816D	816C	718.04	717.79	0.49%	--	--	--	--	--	
816C	816A	717.79	717.72	0.41%	--	--	--	--	--	
818R	818I	716.53	716.38	0.45%	--	--	--	--	--	
818I	818F	716.38	716.20	0.46%	--	--	--	--	--	
818F	818D	716.20	716.14	0.38%	--	--	--	--	--	
818D	818T	716.14	716.08	0.43%	--	--	--	--	--	
818N	818M	716.27	716.23	0.40%	--	--	--	--	--	
818M	818D	716.23	716.14	0.45%	--	--	--	--	--	
819	819A	716.10	715.94	0.37%	--	--	--	--	--	
819A	821D	715.94	715.43	0.47%	--	--	--	--	--	
817	818T	716.65	716.08	0.49%	--	--	--	--	--	
821D	821C	715.43	715.27	0.44%	--	--	--	--	--	
821C	821B	715.27	715.23	0.40%	--	--	--	--	--	
821B	821A	715.23	715.12	0.46%	--	--	--	--	--	
820B	820A	716.75	716.71	0.40%	--	--	--	--	--	
822D	822C	717.34	717.22	0.46%	--	--	--	--	--	
822C	822B	717.22	717.18	0.40%	--	--	--	--	--	

STORM SEWER PIPES (CONTINUED)

FROM STR	TO STR	INVERT ELEV FT	DISCH ELEV FT	SLOPE	520.8000	522.0418	522.1018	524.0618	633.5200*	608.0312	608.0315
					CONCRETE COLLARS FOR PIPE EACH	CULVERT PIPE REINFORCED CONCRETE CLASS IV 18-INCH LF	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 18-INCH EACH	APRON ENDWALLS FOR CULVERT PIPE SALVAGED 18-INCH EACH	MARKERS CULVERT END EACH	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 12-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 15-INCH LF
822B	822A	717.18	717.07	0.46%	--	--	--	--	--	--	24
824D	824C	717.43	717.31	0.46%	--	--	--	--	--	--	26
824C	824A	717.31	717.17	0.45%	--	--	--	--	--	--	31
826D	826C	717.16	717.04	0.46%	--	--	--	--	--	--	26
826C	826A	717.04	716.88	0.47%	--	--	--	--	--	--	34
829C	829B	716.52	716.40	0.46%	--	--	--	--	--	--	26
829B	829A	716.40	716.24	0.47%	--	--	--	--	--	--	34
830I	830H	716.79	716.68	0.44%	--	--	--	--	--	--	--
830S	830H	716.79	716.68	0.42%	--	--	--	--	--	--	--
830H	830F	716.68	716.56	0.44%	--	--	--	--	--	--	--
830L	830F	716.67	716.56	0.42%	--	--	--	--	--	--	--
830F	830C	716.56	716.41	0.45%	--	--	--	--	--	--	--
831	830K	716.74	716.52	0.47%	--	--	--	--	--	--	47
832D	832C	716.12	715.96	0.48%	--	--	--	--	--	--	33
832C	832B	715.96	715.92	0.40%	--	--	--	--	--	--	10
832B	832A	715.92	715.77	0.45%	--	--	--	--	--	--	33
833C	833B	716.96	716.83	0.48%	--	--	--	--	--	--	27
833B	833E	716.83	716.79	0.40%	--	--	--	--	--	--	10
832A	832	715.77	715.73	0.40%	--	--	--	--	--	--	10
834D	834C	719.33	719.21	0.46%	--	--	--	--	--	--	26
834C	834A	719.21	719.06	0.47%	--	--	--	--	--	--	32
837D	837C	722.26	722.14	0.44%	--	--	--	--	--	--	27
837C	837A	722.14	721.98	0.47%	--	--	--	--	--	--	34
839D	839C	724.36	724.18	0.47%	--	--	--	--	--	--	38
839C	839A	724.18	724.07	0.48%	--	--	--	--	--	--	23
843B	842	727.51	726.93	0.49%	--	--	--	--	--	--	118
842	841E	726.93	726.49	0.48%	--	--	--	--	--	--	91
841E	841D	726.49	726.31	0.47%	--	--	--	--	--	--	38
841D	841B	726.31	726.20	0.46%	--	--	--	--	--	--	24
841B	841A	726.20	726.16	0.40%	--	--	--	--	--	--	10
845I	844F	729.32	729.19	0.45%	--	--	--	--	--	--	29
844F	844E	729.11	728.95	0.46%	--	--	--	--	--	--	35
844E	844D	728.95	728.91	0.40%	--	--	--	--	--	--	10
844D	844B	728.91	728.77	0.47%	--	--	--	--	--	--	30
844I	844H	729.25	729.22	0.30%	--	--	--	--	--	--	10
846D	846C	729.92	729.80	0.46%	--	--	--	--	--	--	26
846C	846E	729.80	729.76	0.40%	--	--	--	--	--	--	10
846E	846A	729.76	729.65	0.46%	--	--	--	--	--	--	24
848D	848C	731.05	730.93	0.46%	--	--	--	--	--	--	26
848C	848A	730.93	730.80	0.46%	--	--	--	--	--	--	28
850D	850C	732.25	731.99	0.47%	--	--	--	--	--	--	55

3

3

STORM SEWER PIPES (CONTINUED)

FROM STR	TO STR	INVERT ELEV FT	DISCH ELEV FT	SLOPE	608.0318	608.0324	608.0336	608.0360	608.0366	608.0412	608.0415	608.0424	608.0530
					STORM SEWER PIPE REINFORCED CONCRETE CLASS III 18-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 24-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 36-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 42-INCH* LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 66-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 12-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 15-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 24-INCH* LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS V 30-INCH LF
822B	822A	717.18	717.07	0.46%	--	--	--	--	--	--	--	--	--
824D	824C	717.43	717.31	0.46%	--	--	--	--	--	--	--	--	--
824C	824A	717.31	717.17	0.45%	--	--	--	--	--	--	--	--	--
826D	826C	717.16	717.04	0.46%	--	--	--	--	--	--	--	--	--
826C	826A	717.04	716.88	0.47%	--	--	--	--	--	--	--	--	--
829C	829B	716.52	716.40	0.46%	--	--	--	--	--	--	--	--	--
829B	829A	716.40	716.24	0.47%	--	--	--	--	--	--	--	--	--
830I	830H	716.79	716.68	0.44%	--	--	--	--	--	--	25	--	--
830S	830H	716.79	716.68	0.42%	--	--	--	--	--	--	26	--	--
830H	830F	716.68	716.56	0.44%	--	--	--	--	--	--	27	--	--
830L	830F	716.67	716.56	0.42%	--	--	--	--	--	--	26	--	--
830F	830C	716.56	716.41	0.45%	--	--	--	--	--	--	33	--	--
831	830K	716.74	716.52	0.47%	--	--	--	--	--	--	--	--	--
832D	832C	716.12	715.96	0.48%	--	--	--	--	--	--	--	--	--
832C	832B	715.96	715.92	0.40%	--	--	--	--	--	--	--	--	--
832B	832A	715.92	715.77	0.45%	--	--	--	--	--	--	--	--	--
833C	833B	716.96	716.83	0.48%	--	--	--	--	--	--	--	--	--
833B	833E	716.83	716.79	0.40%	--	--	--	--	--	--	--	--	--
832A	832	715.77	715.73	0.40%	--	--	--	--	--	--	--	--	--
834D	834C	719.33	719.21	0.46%	--	--	--	--	--	--	--	--	--
834C	834A	719.21	719.06	0.47%	--	--	--	--	--	--	--	--	--
837D	837C	722.26	722.14	0.44%	--	--	--	--	--	--	--	--	--
837C	837A	722.14	721.98	0.47%	--	--	--	--	--	--	--	--	--
839D	839C	724.36	724.18	0.47%	--	--	--	--	--	--	--	--	--
839C	839A	724.18	724.07	0.48%	--	--	--	--	--	--	--	--	--
843B	842	727.51	726.93	0.49%	--	--	--	--	--	--	--	--	--
842	841E	726.93	726.49	0.48%	--	--	--	--	--	--	--	--	--
841E	841D	726.49	726.31	0.47%	--	--	--	--	--	--	--	--	--
841D	841B	726.31	726.20	0.46%	--	--	--	--	--	--	--	--	--
841B	841A	726.20	726.16	0.40%	--	--	--	--	--	--	--	--	--
845I	844F	729.32	729.19	0.45%	--	--	--	--	--	--	--	--	--
844F	844E	729.11	728.95	0.46%	--	--	--	--	--	--	--	--	--
844E	844D	728.95	728.91	0.40%	--	--	--	--	--	--	--	--	--
844D	844B	728.91	728.77	0.47%	--	--	--	--	--	--	--	--	--
844I	844H	729.25	729.22	0.30%	--	--	--	--	--	--	--	--	--
846D	846C	729.92	729.80	0.46%	--	--	--	--	--	--	--	--	--
846C	846E	729.80	729.76	0.40%	--	--	--	--	--	--	--	--	--
846E	846A	729.76	729.65	0.46%	--	--	--	--	--	--	--	--	--
848D	848C	731.05	730.93	0.46%	--	--	--	--	--	--	--	--	--
848C	848A	730.93	730.80	0.46%	--	--	--	--	--	--	--	--	--
850D	850C	732.25	731.99	0.47%	--	--	--	--	--	--	--	--	--

STORM SEWER PIPES (CONTINUED)

FROM STR	TO STR	INVERT ELEV FT	DISCH ELEV FT	SLOPE	608.2324	608.2424	608.0515	608.0530	608.0536	NOTES
					STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	STORM SEWER	
					PIPE	PIPE	PIPE	PIPE	PIPE	
					REINFORCED CONCRETE	REINFORCED CONCRETE	REINFORCED CONCRETE	REINFORCED CONCRETE	REINFORCED CONCRETE	
					HORIZONTAL ELLIPTICAL	HORIZONTAL ELLIPTICAL	CONCRETE	CONCRETE	CONCRETE	
					CLASS III	CLASS IV	CLASS V	CLASS V	CLASS V	
					24X38-INCH	24X38-INCH	15-INCH	30-INCH	36-INCH	
					LF	LF	LF	LF	LF	
822B	822A	717.18	717.07	0.46%			--		--	
824D	824C	717.43	717.31	0.46%	--	--	--	--	--	
824C	824A	717.31	717.17	0.45%	--	--	--	--	--	
826D	826C	717.16	717.04	0.46%	--	--	--	--	--	
826C	826A	717.04	716.88	0.47%	--	--	--	--	--	
829C	829B	716.52	716.40	0.46%	--	--	--	--	--	
829B	829A	716.40	716.24	0.47%	--	--	--	--	--	
830I	830H	716.79	716.68	0.44%	--	--	--	--	--	
830S	830H	716.79	716.68	0.42%	--	--	--	--	--	
830H	830F	716.68	716.56	0.44%	--	--	--	--	--	
830L	830F	716.67	716.56	0.42%	--	--	--	--	--	
830F	830C	716.56	716.41	0.45%	--	--	--	--	--	
831	830K	716.74	716.52	0.47%	--	--	--	--	--	
832D	832C	716.12	715.96	0.48%	--	--	--	--	--	
832C	832B	715.96	715.92	0.40%	--	--	--	--	--	
832B	832A	715.92	715.77	0.45%	--	--	--	--	--	
833C	833B	716.96	716.83	0.48%	--	--	--	--	--	
833B	833E	716.83	716.79	0.40%	--	--	--	--	--	
832A	832	715.77	715.73	0.40%	--	--	--	--	--	
834D	834C	719.33	719.21	0.46%	--	--	--	--	--	
834C	834A	719.21	719.06	0.47%	--	--	--	--	--	
837D	837C	722.26	722.14	0.44%	--	--	--	--	--	
837C	837A	722.14	721.98	0.47%	--	--	--	--	--	
839D	839C	724.36	724.18	0.47%	--	--	--	--	--	
839C	839A	724.18	724.07	0.48%	--	--	--	--	--	
843B	842	727.51	726.93	0.49%	--	--	--	--	--	
842	841E	726.93	726.49	0.48%	--	--	--	--	--	
841E	841D	726.49	726.31	0.47%	--	--	--	--	--	
841D	841B	726.31	726.20	0.46%	--	--	--	--	--	
841B	841A	726.20	726.16	0.40%	--	--	--	--	--	
845I	844F	729.32	729.19	0.45%	--	--	--	--	--	
844F	844E	729.11	728.95	0.46%	--	--	--	--	--	
844E	844D	728.95	728.91	0.40%	--	--	--	--	--	
844D	844B	728.91	728.77	0.47%	--	--	--	--	--	
844I	844H	729.25	729.22	0.30%	--	--	--	--	--	
846D	846C	729.92	729.80	0.46%	--	--	--	--	--	
846C	846E	729.80	729.76	0.40%	--	--	--	--	--	
846E	846A	729.76	729.65	0.46%	--	--	--	--	--	
848D	848C	731.05	730.93	0.46%	--	--	--	--	--	
848C	848A	730.93	730.80	0.46%	--	--	--	--	--	
850D	850C	732.25	731.99	0.47%	--	--	--	--	--	

STORM SEWER PIPES (CONTINUED)

FROM STR	TO STR	INVERT ELEV FT	DISCH ELEV FT	SLOPE	520.8000	522.0418	522.1018	524.0618	633.5200*	608.0312	608.0315
					CONCRETE COLLARS FOR PIPE EACH	CULVERT PIPE REINFORCED CONCRETE CLASS IV 18-INCH LF	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 18-INCH EACH	APRON ENDWALLS FOR CULVERT PIPE SALVAGED 18-INCH EACH	MARKERS CULVERT END EACH	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 12-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 15-INCH LF
850C	850A	731.99	731.86	0.46%	--	--	--	--	--	--	28
853E	853D	733.70	733.55	0.47%	--	--	--	--	--	--	32
853D	853C	733.55	733.51	0.40%	--	--	--	--	--	--	10
853C	853B	733.51	733.45	0.43%	--	--	--	--	--	--	14
853B	853A	733.45	733.41	0.40%	--	--	--	--	--	--	10
856D	856C	732.61	732.44	0.49%	--	--	--	--	--	--	35
856C	856B	732.44	732.32	0.44%	--	--	--	--	--	--	27
856B	856E	732.32	732.21	0.46%	--	--	--	--	--	--	24
856E	856A	732.21	732.17	0.40%	--	--	--	--	--	--	10
858D	858C	733.26	733.10	0.43%	--	--	--	--	--	--	--
858C	858B	733.10	733.07	0.33%	--	--	--	--	--	--	--
858B	858A	733.07	732.98	0.38%	--	--	--	--	--	--	--
859A	859	733.25	733.21	0.40%	--	--	--	--	--	--	--
860C	860B	730.83	730.71	0.46%	--	--	--	--	--	--	26
860B	860A	730.71	730.60	0.46%	--	--	--	--	--	--	24
862C	862B	729.94	729.82	0.46%	--	--	--	--	--	--	26
862B	862A	729.82	729.66	0.47%	--	--	--	--	--	--	34
157	159	724.00	723.58	0.24%	--	--	--	--	--	--	--
159	160	721.00	720.76	0.23%	--	--	--	--	--	--	--
160	EW7	725.08	724.98	0.50%	--	--	--	--	--	--	--
157E	157A	730.52	730.32	0.48%	--	--	--	--	--	--	42
157D	157C	730.32	730.28	0.40%	--	--	--	--	--	--	10
157C	157B	730.28	730.22	0.43%	--	--	--	--	--	--	14
157B	157A	730.22	730.18	0.40%	--	--	--	--	--	--	10
157A	157	730.18	730.01	0.44%	--	--	--	--	--	--	39
159C	159B	726.97	726.79	0.47%	--	--	--	--	--	--	38
159B	159A	726.79	726.66	0.46%	--	--	--	--	--	--	28
159A	159	726.66	726.50	0.44%	--	--	--	--	--	--	36
CTH H STAGE 4 SUBTOTALS					--	33	2	--	2	--	2,425
CTH H TOTALS					2	80	2	2	4	78	4,232

STORM SEWER PIPES (CONTINUED)

FROM STR	TO STR	INVERT ELEV FT	DISCH ELEV FT	SLOPE	608.0318	608.0324	608.0336	608.0360	608.0366	608.0412	608.0415	608.0424	608.0530
					STORM SEWER PIPE REINFORCED CONCRETE CLASS III 18-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 24-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 36-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 60-INCH* LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 66-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 12-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 15-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 24-INCH* LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS V 30-INCH LF
850C	850A	731.99	731.86	0.46%	--	--	--	--	--	--	--	--	--
853E	853D	733.70	733.55	0.47%	--	--	--	--	--	--	--	--	--
853D	853C	733.55	733.51	0.40%	--	--	--	--	--	--	--	--	--
853C	853B	733.51	733.45	0.43%	--	--	--	--	--	--	--	--	--
853B	853A	733.45	733.41	0.40%	--	--	--	--	--	--	--	--	--
856D	856C	732.61	732.44	0.49%	--	--	--	--	--	--	--	--	--
856C	856B	732.44	732.32	0.44%	--	--	--	--	--	--	--	--	--
856B	856E	732.32	732.21	0.46%	--	--	--	--	--	--	--	--	--
856E	856A	732.21	732.17	0.40%	--	--	--	--	--	--	--	--	--
858D	858C	733.26	733.10	0.43%	--	--	--	--	--	--	37	--	--
858C	858B	733.10	733.07	0.33%	--	--	--	--	--	--	9	--	--
858B	858A	733.07	732.98	0.38%	--	--	--	--	--	--	24	--	--
859A	859	733.25	733.21	0.40%	--	--	--	--	--	--	10	--	--
860C	860B	730.83	730.71	0.46%	--	--	--	--	--	--	--	--	--
860B	860A	730.71	730.60	0.46%	--	--	--	--	--	--	--	--	--
862C	862B	729.94	729.82	0.46%	--	--	--	--	--	--	--	--	--
862B	862A	729.82	729.66	0.47%	--	--	--	--	--	--	--	--	--
157	159	724.00	723.58	0.24%	--	--	--	176	--	--	--	--	--
159	160	721.00	720.76	0.23%	--	--	--	105	--	--	--	--	--
160	EW7	725.08	724.98	0.50%	20	--	--	--	--	--	--	--	--
157E	157A	730.52	730.32	0.48%	--	--	--	--	--	--	--	--	--
157D	157C	730.32	730.28	0.40%	--	--	--	--	--	--	--	--	--
157C	157B	730.28	730.22	0.43%	--	--	--	--	--	--	--	--	--
157B	157A	730.22	730.18	0.40%	--	--	--	--	--	--	--	--	--
157A	157	730.18	730.01	0.44%	--	--	--	--	--	--	--	--	--
159C	159B	726.97	726.79	0.47%	--	--	--	--	--	--	--	--	--
159B	159A	726.79	726.66	0.46%	--	--	--	--	--	--	--	--	--
159A	159	726.66	726.50	0.44%	--	--	--	--	--	--	--	--	--
CTH H STAGE 4 SUBTOTALS					20	--	--	281	--	--	597	--	--
CTH H TOTALS					2,294	2,909	26	291	172	238	2,572	1,256	29

STORM SEWER PIPES (CONTINUED)

FROM STR	TO STR	INVERT ELEV FT	DISCH ELEV FT	SLOPE	608.2324	608.2424	608.0515	608.0530	608.0536	NOTES
					STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS III 24X38-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS IV 24X38-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS V 15-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS V 30-INCH LF	STORM SEWER PIPE REINFORCED CONCRETE CLASS V 36-INCH LF	
850C	850A	731.99	731.86	0.46%	--	--	--	--	--	
853E	853D	733.70	733.55	0.47%	--	--	--	--	--	
853D	853C	733.55	733.51	0.40%	--	--	--	--	--	
853C	853B	733.51	733.45	0.43%	--	--	--	--	--	
853B	853A	733.45	733.41	0.40%	--	--	--	--	--	
856D	856C	732.61	732.44	0.49%	--	--	--	--	--	
856C	856B	732.44	732.32	0.44%	--	--	--	--	--	
856B	856E	732.32	732.21	0.46%	--	--	--	--	--	
856E	856A	732.21	732.17	0.40%	--	--	--	--	--	
858D	858C	733.26	733.10	0.43%	--	--	--	--	--	
858C	858B	733.10	733.07	0.33%	--	--	--	--	--	
858B	858A	733.07	732.98	0.38%	--	--	--	--	--	
859A	859	733.25	733.21	0.40%	--	--	--	--	--	
860C	860B	730.83	730.71	0.46%	--	--	--	--	--	
860B	860A	730.71	730.60	0.46%	--	--	--	--	--	
862C	862B	729.94	729.82	0.46%	--	--	--	--	--	
862B	862A	729.82	729.66	0.47%	--	--	--	--	--	
157	159	724.00	723.58	0.24%	--	--	--	--	--	
159	160	721.00	720.76	0.23%	--	--	--	--	--	
160	EW7	725.08	724.98	0.50%	--	--	--	--	--	
157E	157A	730.52	730.32	0.48%	--	--	--	--	--	
157D	157C	730.32	730.28	0.40%	--	--	--	--	--	
157C	157B	730.28	730.22	0.43%	--	--	--	--	--	
157B	157A	730.22	730.18	0.40%	--	--	--	--	--	
157A	157	730.18	730.01	0.44%	--	--	--	--	--	
159C	159B	726.97	726.79	0.47%	--	--	--	--	--	
159B	159A	726.79	726.66	0.46%	--	--	--	--	--	
159A	159	726.66	726.50	0.44%	--	--	--	--	--	
CTH H STAGE 4 SUBTOTALS					--	--	--	--	--	
CTH H TOTALS					118	161	648	29	41	

STORM SEWER STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET	FLANGE OR ENDWALL RIM ELEV	EXISTING RIM ELEV	LOWEST INVERT	522.1012	522.1015*	522.1018	522.1024	522.2624	611.0530	611.0535	611.0624	611.0627	611.0639	611.0642
						APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 12-INCH EACH	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 15-INCH EACH	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 18-INCH EACH	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 24-INCH EACH	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL 24X38-INCH EACH	MANHOLE TYPE J	MANHOLE COVERS TYPE J-SPECIAL	INLET COVERS TYPE H	INLET COVERS TYPE HM	INLET COVERS TYPE H-S	INLET COVERS TYPE MS
STAGE 2																
934A	806HN+74	136' RT	--	718.00	--	--	--	--	--	1	--	--	--	--	--	--
935A	806HN+93	137' RT	--	718.00	--	1	--	--	--	--	--	--	--	--	--	--
936A	807HN+42	142' RT	--	718.00	--	--	1	--	--	--	--	--	--	--	--	--
946A	453+55	285' LT	--	717.66	--	--	--	--	1	--	--	--	--	--	--	--
902	796HN+50.00	22.0' LT	729.77	--	723.66	--	--	--	--	--	--	--	1	--	--	--
902A	796HN+50.00	2.0' LT	729.77	--	722.81	--	--	--	--	--	--	--	1	--	--	--
904	798HN+50.00	22.0' LT	727.30	--	721.13	--	--	--	--	--	--	--	1	--	--	--
904A	798HN+50.00	2.0' LT	727.30	--	720.28	--	--	--	--	--	--	--	1	--	--	--
906	799HN+28.23	26.0' RT	725.92	--	719.94	--	--	--	--	--	--	--	1	--	--	--
908	800HN+33.38	50.0' LT	724.55	--	720.45	--	--	--	--	--	--	--	1	--	--	--
908A	800HN+33.38	22.0' LT	725.03	--	720.39	--	--	--	--	--	--	--	1	--	--	--
908B	800HN+33.38	14.0' LT	724.79	--	720.37	--	--	--	--	--	--	--	1	--	--	--
908C	800HN+33.38	38.0' RT	724.63	--	719.49	--	--	--	--	--	--	--	1	--	--	--
909	801HN+62.50	38.0' RT	723.39	--	718.93	--	--	--	--	--	--	--	1	--	--	--
910A	802HN+11.79	42.0' RT	724.07	--	713.62	--	--	--	--	--	--	1	--	--	--	--
910C	802HN+08.90	91.0' RT	716.67	--	713.18	--	--	--	--	--	--	--	--	--	--	2
910E	801HN+62.50	50.0' LT	723.15	--	719.84	--	--	--	--	--	--	--	1	--	--	--
910F	802HN+60.00	50.0' LT	723.37	--	719.89	--	--	--	--	--	--	--	1	--	--	--
910G	802HN+04.00	50.0' LT	722.98	--	719.73	--	--	--	--	--	--	--	1	--	--	--
910H	802HN+04.00	22.0' LT	723.46	--	719.67	--	--	--	--	--	--	--	--	--	--	--
910J	801HN+62.50	22.0' LT	723.63	--	719.78	--	--	--	--	--	--	--	1	--	--	--
910K	801HN+62.50	14.0' LT	723.39	--	719.76	--	--	--	--	--	--	--	1	--	--	--
910L	802HN+60.00	22.0' LT	723.51	--	719.83	--	--	--	--	--	--	--	1	--	--	--
910M	802HN+60.00	14.0' LT	723.44	--	719.81	--	--	--	--	--	--	--	1	--	--	--
910N	802HN+04.00	14.0' LT	723.22	--	719.65	--	--	--	--	--	--	--	1	--	--	--
910P	802HN+60.00	38.0' RT	723.33	--	719.67	--	--	--	--	--	--	--	1	--	--	--
910Q	802HN+04.00	38.0' RT	723.46	--	713.24	--	--	--	--	--	--	--	1	--	--	--
910R	801HN+92.84	116.0' RT	716.34	--	712.86	--	--	--	--	--	--	--	--	--	--	2
922	447+75.00	60.0' LT	725.47	--	720.91	--	--	--	--	--	--	--	1	--	--	--
924C	448+75.00	37.5' LT	724.81	--	719.70	--	--	--	--	--	--	--	1	--	--	--
926D	449+75.00	1.0' RT	724.32	--	719.41	--	--	--	--	--	--	--	--	1	--	--
928	451+65.13	25.5' LT	723.47	--	719.74	--	--	--	--	--	--	--	--	1	--	--
928A	451+90.92	3.9' RT	723.26	--	719.61	--	--	--	--	--	--	--	--	1	--	--
928B	451+90.92	25.5' LT	722.83	--	719.59	--	--	--	--	--	--	--	--	1	--	--
928C	451+90.92	1.0' RT	723.26	--	718.78	--	--	--	--	--	--	--	--	1	--	--

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STORM SEWER STRUCTURES (CONTINUED)

STRUCTURE NUMBER	STATION	OFFSET	FLANGE OR RIM ELEV	ENDWALL ELEV	EXISTING RIM ELEV	LOWEST INVERT	611.2004	611.2005	611.2006	611.2007	611.2008	611.2009	611.3004	611.3902	633.5200	NOTES
							MANHOLES 4-FT DIAMETER EACH	MANHOLES 5-FT DIAMETER EACH	MANHOLES 6-FT DIAMETER EACH	MANHOLES 7-FT DIAMETER EACH	MANHOLES 8-FT DIAMETER EACH	MANHOLES 9-FT DIAMETER EACH	INLETS 4-FT DIAMETER EACH	INLETS MEDIAN 2 GRATE EACH	MARKERS CULVERT END EACH	
STAGE 2																
934A	806HN+74	136' RT	--	718.00	--	--	--	--	--	--	--	--	--	--	1	
935A	806HN+93	137' RT	--	718.00	--	--	--	--	--	--	--	--	--	--	1	
936A	807HN+42	142' RT	--	718.00	--	--	--	--	--	--	--	--	--	--	1	
946A	453+55	285' LT	--	717.66	--	--	--	--	--	--	--	--	--	--	1	
902	796HN+50.00	22.0' LT	729.77	--	--	723.66	--	--	--	--	--	--	1	--	--	
902A	796HN+50.00	2.0' LT	729.77	--	--	722.81	--	1	--	--	--	--	--	--	--	
904	798HN+50.00	22.0' LT	727.30	--	--	721.13	--	--	--	--	--	--	1	--	--	
904A	798HN+50.00	2.0' LT	727.30	--	--	720.28	--	1	--	--	--	--	--	--	--	
906	799HN+28.23	26.0' RT	725.92	--	--	719.94	--	1	--	--	--	--	--	--	--	
908	800HN+33.38	50.0' LT	724.55	--	--	720.45	--	--	--	--	--	--	1	--	--	
908A	800HN+33.38	22.0' LT	725.03	--	--	720.39	--	--	--	--	--	--	1	--	--	
908B	800HN+33.38	14.0' LT	724.79	--	--	720.37	--	--	--	--	--	--	1	--	--	
908C	800HN+33.38	38.0' RT	724.63	--	--	719.49	--	1	--	--	--	--	--	--	--	
909	801HN+62.50	38.0' RT	723.39	--	--	718.93	--	1	--	--	--	--	--	--	--	
910A	802HN+11.79	42.0' RT	724.07	--	--	713.62	1	--	--	--	--	--	--	--	--	
910C	802HN+08.90	91.0' RT	716.67	--	--	713.18	--	--	--	--	--	--	--	1	--	
910E	801HN+62.50	50.0' LT	723.15	--	--	719.84	--	--	--	--	--	--	1	--	--	
910F	802HN+60.00	50.0' LT	723.37	--	--	719.89	--	--	--	--	--	--	1	--	--	
910G	802HN+04.00	50.0' LT	722.98	--	--	719.73	--	--	--	--	--	--	1	--	--	
910H	802HN+04.00	22.0' LT	723.46	--	--	719.67	--	--	--	--	--	--	1	--	--	
910J	801HN+62.50	22.0' LT	723.63	--	--	719.78	--	--	--	--	--	--	1	--	--	
910K	801HN+62.50	14.0' LT	723.39	--	--	719.76	--	--	--	--	--	--	1	--	--	
910L	802HN+60.00	22.0' LT	723.51	--	--	719.83	--	--	--	--	--	--	1	--	--	
910M	802HN+60.00	14.0' LT	723.44	--	--	719.81	--	--	--	--	--	--	1	--	--	
910N	802HN+04.00	14.0' LT	723.22	--	--	719.65	--	--	--	--	--	--	1	--	--	
910P	802HN+60.00	38.0' RT	723.33	--	--	719.67	--	--	--	--	--	--	1	--	--	
910Q	802HN+04.00	38.0' RT	723.46	--	--	713.24	--	1	--	--	--	--	--	--	--	
910R	801HN+92.84	116.0' RT	716.34	--	--	712.86	--	--	--	--	--	--	--	1	--	
922	447+75.00	60.0' LT	725.47	--	--	720.91	--	--	--	--	--	--	1	--	--	
924C	448+75.00	37.5' LT	724.81	--	--	719.70	--	1	--	--	--	--	--	--	--	
926D	449+75.00	1.0' RT	724.32	--	--	719.41	--	1	--	--	--	--	--	--	--	
928	451+65.13	25.5' LT	723.47	--	--	719.74	--	--	--	--	--	--	1	--	--	
928A	451+90.92	3.9' RT	723.26	--	--	719.61	--	--	--	--	--	--	1	--	--	
928B	451+90.92	25.5' LT	722.83	--	--	719.59	--	--	--	--	--	--	1	--	--	
928C	451+90.92	1.0' RT	723.26	--	--	718.78	--	--	1	--	--	--	--	--	--	

STORM SEWER STRUCTURES

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STRUCTURE NUMBER	STATION	OFFSET	FLANGE OR RIM ELEV	ENDWALL ELEV	EXISTING RIM ELEV	LOWEST INVERT	522.1012	522.1015*	522.1018	522.1024	522.2624	611.0530	611.0535	611.0624	611.0627	611.0639	611.0642
							APRON ENDWALLS FOR CULVER PIPE REINFORCED CONCRETE 12-INCH EACH	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 15-INCH EACH	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 18-INCH EACH	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 24-INCH EACH	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL 24X38-INCH EACH	MANHOLE COVERS TYPE J EACH	MANHOLE COVERS TYPE J-SPECIAL EACH	INLET COVERS TYPE H EACH	INLET COVERS TYPE HM EACH	INLET COVERS TYPE H-S EACH	INLET COVERS TYPE MS EACH
STAGE 2																	
930	451+90.92	25.5' LT	723.26	--	--	718.66	--	--	--	--	--	--	--	--	1	--	--
932A	805HN+66.92	109.3' RT	722.00	--	--	718.34	--	--	--	--	--	--	1	--	--	--	--
934	806HN+72.53	115.3' RT	722.00	--	--	718.05	--	--	--	--	--	--	1	--	--	--	--
938	455+75.16	61.9' LT	725.01	--	--	720.06	--	--	--	--	--	--	--	1	--	--	--
938C	455+75.20	4.7' LT	724.66	--	--	719.07	--	--	--	--	--	--	--	1	--	--	--
940	454+75.00	60.0' RT	724.36	--	--	719.77	--	--	--	--	--	--	--	1	--	--	--
940A	454+75.00	16.0' RT	724.20	--	--	719.59	--	--	--	--	--	--	--	1	--	--	--
940B	454+75.20	3.3' RT	723.82	--	--	718.78	--	--	--	--	--	--	--	1	--	--	--
942	453+43.74	60.0' RT	723.48	--	--	719.73	--	--	--	--	--	--	--	1	--	--	--
942A	453+78.94	60.0' RT	723.66	--	--	719.57	--	--	--	--	--	--	--	1	--	--	--
942B	453+43.74	16.0' RT	723.32	--	--	719.55	--	--	--	--	--	--	--	1	--	--	--
942C	453+78.94	16.0' RT	723.50	--	--	719.39	--	--	--	--	--	--	--	1	--	--	--
942D	453+43.74	8.0' RT	722.84	--	--	719.51	--	--	--	--	--	--	--	1	--	--	--
942E	453+78.94	8.0' RT	723.03	--	--	719.35	--	--	--	--	--	--	--	1	--	--	--
942F	453+43.74	16.0' LT	723.32	--	--	719.40	--	--	--	--	--	--	--	1	--	--	--
942G	453+78.94	16.0' LT	723.50	--	--	718.50	--	--	--	--	--	--	--	1	--	--	--
944	453+43.74	68.0' LT	723.22	--	--	719.27	--	--	--	--	--	--	--	1	--	--	--
944A	454+75.00	68.0' LT	724.20	--	--	719.58	--	--	--	--	--	--	--	1	--	--	--
944B	453+78.94	68.0' LT	723.50	--	--	718.37	--	--	--	--	--	--	--	1	--	--	--
946	453+77.11	285.4' LT	722.00	--	--	717.72	--	--	--	--	--	--	1	--	--	--	--
952	452+59.16	144.4' LT	720.29	--	--	717.00	--	--	--	--	--	--	--	--	--	--	--
952A	452+59.16	68.0' LT	723.15	--	--	716.52	--	--	--	--	--	--	--	1	--	--	--
952B	452+59.16	16.0' LT	723.15	--	--	716.30	--	--	--	--	--	--	--	1	--	--	--
952C	452+59.16	8.0' RT	722.67	--	--	716.20	--	--	--	--	--	--	--	1	--	--	--
952D	452+59.16	16.0' RT	723.15	--	--	716.16	--	--	--	--	--	--	--	1	--	--	--
952E	452+59.16	60.0' RT	723.31	--	--	713.81	--	--	--	--	--	--	--	1	--	--	--
952G	452+59.16	128.3' RT	716.92	--	--	712.25	--	--	--	--	--	--	--	--	--	--	2
806	805HS+38.71	37.0' LT	723.06	--	--	718.83	--	--	--	--	--	--	--	--	--	1	--
806J	805HS+64.04	37.0' LT	723.00	--	--	718.94	--	--	--	--	--	--	1	--	--	--	--
806Q	805HS+94.16	37.0' LT	723.17	--	--	719.08	--	--	--	--	--	--	1	--	--	--	--
806C	805HS+38.23	13.0' RT	723.44	--	--	719.25	--	--	--	--	--	--	--	--	--	1	--
806M	805HS+64.17	13.0' RT	723.48	--	--	719.36	--	--	--	--	--	--	1	--	--	--	--
806F	805HN+34.87	1.0' LT	723.57	--	--	719.21	--	--	--	--	--	--	--	--	--	1	--
806K	805HN+60.57	1.0' LT	723.62	--	--	719.32	--	--	--	--	--	--	1	--	--	--	--
806I	805HN+35.30	25.0' RT	723.09	--	--	719.09	--	--	--	--	--	--	--	--	--	1	--

STORM SEWER STRUCTURES (CONTINUED)

STRUCTURE NUMBER	STATION	OFFSET	FLANGE OR RIM ELEV	ENDWALL ELEV	EXISTING RIM ELEV	LOWEST INVERT	611.2004	611.2005	611.2006	611.2007	611.2008	611.2009	611.3004	611.3902	633.5200	NOTES
							MANHOLES 4-FT DIAMETER EACH	MANHOLES 5-FT DIAMETER EACH	MANHOLES 6-FT DIAMETER EACH	MANHOLES 7-FT DIAMETER EACH	MANHOLES 8-FT DIAMETER EACH	MANHOLES 9-FT DIAMETER EACH	INLETS 4-FT DIAMETER EACH	INLETS MEDIAN 2 GRATE EACH	MARKERS CULVERT END EACH	
STAGE 2																
930	451+90.92	25.5' LT	723.26	--	--	718.66	--	--	1	--	--	--	--	--	--	--
932A	805HN+66.92	109.3' RT	722.00	--	--	718.34	--	--	--	1	--	--	--	--	--	--
934	806HN+72.53	115.3' RT	722.00	--	--	718.05	--	--	--	1	--	--	--	--	--	--
938	455+75.16	61.9' LT	725.01	--	--	720.06	--	--	--	--	--	--	1	--	--	--
938C	455+75.20	4.7' LT	724.66	--	--	719.07	--	1	--	--	--	--	--	--	--	--
940	454+75.00	60.0' RT	724.36	--	--	719.77	--	--	--	--	--	--	1	--	--	--
940A	454+75.00	16.0' RT	724.20	--	--	719.59	--	--	--	--	--	--	1	--	--	--
940B	454+75.20	3.3' RT	723.82	--	--	718.78	--	1	--	--	--	--	--	--	--	--
942	453+43.74	60.0' RT	723.48	--	--	719.73	--	--	--	--	--	--	1	--	--	--
942A	453+78.94	60.0' RT	723.66	--	--	719.57	--	--	--	--	--	--	1	--	--	--
942B	453+43.74	16.0' RT	723.32	--	--	719.55	--	--	--	--	--	--	1	--	--	--
942C	453+78.94	16.0' RT	723.50	--	--	719.39	--	--	--	--	--	--	1	--	--	--
942D	453+43.74	8.0' RT	722.84	--	--	719.51	--	--	--	--	--	--	1	--	--	--
942E	453+78.94	8.0' RT	723.03	--	--	719.35	--	--	--	--	--	--	1	--	--	--
942F	453+43.74	16.0' LT	723.32	--	--	719.40	--	--	--	--	--	--	1	--	--	--
942G	453+78.94	16.0' LT	723.50	--	--	718.50	--	1	--	--	--	--	--	--	--	--
944	453+43.74	68.0' LT	723.22	--	--	719.27	--	--	--	--	--	--	1	--	--	--
944A	454+75.00	68.0' LT	724.20	--	--	719.58	--	--	--	--	--	--	1	--	--	--
944B	453+78.94	68.0' LT	723.50	--	--	718.37	--	1	--	--	--	--	--	--	--	--
946	453+77.11	285.4' LT	722.00	--	--	717.72	--	1	--	--	--	--	--	--	--	--
952	452+59.16	144.4' LT	720.29	--	--	717.00	--	--	--	--	--	--	--	--	--	--
952A	452+59.16	68.0' LT	723.15	--	--	716.52	--	--	--	--	--	--	1	--	--	--
952B	452+59.16	16.0' LT	723.15	--	--	716.30	--	--	--	--	--	--	1	--	--	--
952C	452+59.16	8.0' RT	722.67	--	--	716.20	--	--	--	--	--	--	1	--	--	--
952D	452+59.16	16.0' RT	723.15	--	--	716.16	--	--	--	--	--	--	1	--	--	--
952E	452+59.16	60.0' RT	723.31	--	--	713.81	--	--	--	--	--	--	1	--	--	--
952G	452+59.16	128.3' RT	716.92	--	--	712.25	--	--	--	--	--	--	--	1	--	--
806	805HS+38.71	37.0' LT	723.06	--	--	718.83	--	--	--	--	--	--	--	--	--	--
806J	805HS+64.04	37.0' LT	723.00	--	--	718.94	--	--	--	--	--	--	--	--	--	--
806Q	805HS+94.16	37.0' LT	723.17	--	--	719.08	--	--	--	--	--	--	--	--	--	--
806C	805HS+38.23	13.0' RT	723.44	--	--	719.25	--	--	--	--	--	--	--	--	--	--
806M	805HS+64.17	13.0' RT	723.48	--	--	719.36	--	--	--	--	--	--	--	--	--	TO BE DETERMINED BY DEVELOPER
806F	805HN+34.87	1.0' LT	723.57	--	--	719.21	--	--	--	--	--	--	--	--	--	TO BE DETERMINED BY DEVELOPER
806K	805HN+60.57	1.0' LT	723.62	--	--	719.32	--	--	--	--	--	--	--	--	--	TO BE DETERMINED BY DEVELOPER
806I	805HN+35.30	25.0' RT	723.09	--	--	719.09	--	--	--	--	--	--	--	--	--	TO BE DETERMINED BY DEVELOPER

STORM SEWER STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET	FLANGE OR RIM ELEV	ENDWALL ELEV	EXISTING RIM ELEV	LOWEST INVERT	522.1012	522.1015*	522.1018	522.1024	522.2624	611.0530	611.0535	611.0624	611.0627	611.0639	611.0642		
							APRON ENDWALLS FOR CULVER PIPE	APRON ENDWALLS FOR CULVERT PIPE	APRON ENDWALLS FOR CULVERT PIPE	APRON ENDWALLS FOR CULVERT PIPE	APRON ENDWALLS FOR CULVERT PIPE	MANHOLE							
							REINFORCED CONCRETE	REINFORCED CONCRETE	REINFORCED CONCRETE	REINFORCED CONCRETE	REINFORCED CONCRETE HORIZONTAL ELLIPTICAL	MANHOLE COVERS	COVERS	INLET	INLET	INLET	INLET		
							12-INCH EACH	15-INCH EACH	18-INCH EACH	24-INCH EACH	24X38-INCH EACH	TYPE J EACH	J-SPECIAL EACH	TYPE H EACH	TYPE HM EACH	TYPE H-S EACH	TYPE MS EACH		
STAGE 2																			
806L	805HN+61.65	25.0' RT	723.14	--	--	719.20	--	--	--	--	--	--	--	1	--	--	--		
809A	810HS+00.15	1.0' RT	728.32	--	--	722.22	--	--	--	--	--	--	--	1	--	--	--		
809	810HS+00.98	37.5' LT	727.59	--	--	721.79	--	--	--	--	--	--	--	1	--	--	--		
811	810HS+91.67	37.5' LT	728.60	--	--	721.28	--	--	--	--	--	--	--	1	--	--	--		
814	814HS+00.64	25.5' LT	726.65	--	--	718.54	--	--	--	--	--	--	--	1	--	--	--		
814A	814HS+00.62	1.0' RT	727.12	--	--	720.81	--	--	--	--	--	--	--	1	--	--	--		
816	816HS+00.10	25.5' LT	723.26	--	--	716.29	--	--	--	--	--	--	--	1	--	--	--		
816A	816HS+00.01	1.0' RT	723.80	--	--	717.72	--	--	--	--	--	--	--	1	--	--	--		
818Y	818HS+02.37	28.9' LT	720.81	--	--	715.30	--	--	--	--	--	--	--	1	--	--	--		
818	818HS+21.90	31.1' LT	720.76	--	--	715.23	--	--	--	--	--	--	--	--	--	1	--		
818C	818HS+44.11	33.8' LT	720.75	--	--	715.14	--	--	--	--	--	--	--	1	--	--	--		
818Q	818HS+02.40	1.0' RT	721.36	--	--	716.13	--	--	--	--	--	--	--	1	--	--	--		
818A	818HS+22.81	1.0' RT	721.35	--	--	716.04	--	--	--	--	--	--	--	--	--	1	--		
820	819HS+90.22	25.9' LT	721.47	--	--	713.91	--	--	--	--	--	--	--	1	--	--	--		
820A	819HS+89.85	1.00 RT	721.93	--	--	716.71	--	--	--	--	--	--	--	1	--	--	--		
821G	820HS+39.68	47.8' LT	721.33	--	--	713.45	--	--	--	--	--	--	--	1	--	--	--		
821A	820HS+39.68	1.0' RT	722.13	--	--	715.12	--	--	--	--	--	--	--	1	--	--	--		
822	822HS+10.74	37.5' LT	722.10	--	--	712.44	--	--	--	--	--	--	--	1	--	--	--		
822A	822HS+10.74	1.0' RT	722.82	--	--	717.07	--	--	--	--	--	--	--	1	--	--	--		
824	824HS+23.93	25.5' LT	722.38	--	--	714.17	--	--	--	--	--	--	--	1	--	--	--		
824A	824HS+24.17	3.9' RT	722.84	--	--	717.17	--	--	--	--	--	--	--	1	--	--	--		
826	826HS+00.02	25.5' LT	721.87	--	--	714.77	--	--	--	--	--	--	--	1	--	--	--		
826A	826HS600.01	1.0' RT	722.35	--	--	716.88	--	--	--	--	--	--	--	1	--	--	--		
829	829HS+04.15	25.5' LT	720.96	--	--	715.88	--	--	--	--	--	--	--	1	--	--	--		
829A	829HS+03.97	1.0' RT	721.43	--	--	716.24	--	--	--	--	--	--	--	1	--	--	--		
829G	830HS+00.49	58.2' LT	718.15	--	--	709.00	--	--	--	--	--	--	--	1	--	--	--		
830A	830HS+10.06	25.0' LT	720.70	--	--	715.63	--	--	--	--	--	--	--	1	--	--	--		
830	830HS+35.25	25.0' LT	720.67	--	--	715.53	--	--	--	--	--	--	--	--	--	1	--		
830Q	830HS+60.31	25.0' LT	720.68	--	--	715.18	--	--	--	--	--	--	--	1	--	--	--		
830C	830HS+35.00	1.0' RT	721.15	--	--	716.41	--	--	--	--	--	--	--	--	--	1	--		
830K	830HS+60.67	1.8' RT	721.17	--	--	716.52	--	--	--	--	--	--	--	1	--	--	--		
832E	831HS+83.31	25.5' LT	721.08	--	--	714.59	--	--	--	--	--	--	--	1	--	--	--		
832	831HS+82.88	1.0' RT	721.57	--	--	715.73	--	--	--	--	--	--	--	1	--	--	--		
833	832HS+99.67	25.5' LT	721.99	--	--	712.54	--	--	--	--	--	--	--	1	--	--	--		
834	835HS+00.04	25.5' LT	724.32	--	--	717.71	--	--	--	--	--	--	--	1	--	--	--		
834A	835HS+00.25	3.3' RT	724.76	--	--	719.06	--	--	--	--	--	--	--	1	--	--	--		
837	837HS+00.51	25.5' LT	726.72	--	--	721.12	--	--	--	--	--	--	--	1	--	--	--		

STORM SEWER STRUCTURES (CONTINUED)

611.2004 611.2005 611.2006 611.2007 611.2008 611.2009 611.3004 611.3902 633.5200

STRUCTURE NUMBER	STATION	OFFSET	FLANGE OR RIM ELEV	ENDWALL ELEV	EXISTING RIM ELEV	LOWEST INVERT	611.2004	611.2005	611.2006	611.2007	611.2008	611.2009	611.3004	611.3902	633.5200	NOTES
							MANHOLES 4-FT DIAMETER EACH	MANHOLES 5-FT DIAMETER EACH	MANHOLES 6-FT DIAMETER EACH	MANHOLES 7-FT DIAMETER EACH	MANHOLES 8-FT DIAMETER EACH	MANHOLES 9-FT DIAMETER EACH	INLETS 4-FT DIAMETER EACH	INLETS MEDIAN 2 GRATE EACH	MARKERS CULVERT END EACH	
STAGE 2																
806L	805HN+61.65	25.0' RT	723.14	--	--	719.20	--	--	--	--	--	--	--	--	--	TO BE DETERMINED BY DEVELOPER
809A	810HS+00.15	1.0' RT	728.32	--	--	722.22	--	--	--	--	--	--	--	--	--	TO BE DETERMINED BY DEVELOPER
809	810HS+00.98	37.5' LT	727.59	--	--	721.79	1	--	--	--	--	--	--	--	--	TO BE DETERMINED BY DEVELOPER
811	810HS+91.67	37.5' LT	728.60	--	--	721.28	--	1	--	--	--	--	--	--	--	TO BE DETERMINED BY DEVELOPER
814	814HS+00.64	25.5' LT	726.65	--	--	718.54	--	1	--	--	--	--	--	--	--	TO BE DETERMINED BY DEVELOPER
814A	814HS+00.62	1.0' RT	727.12	--	--	720.81	--	--	--	--	--	--	--	--	--	--
816	816HS+00.10	25.5' LT	723.26	--	--	716.29	--	1	--	--	--	--	--	--	--	--
816A	816HS+00.01	1.0' RT	723.80	--	--	717.72	--	--	--	--	--	--	--	--	--	TO BE DETERMINED BY DEVELOPER
818Y	818HS+02.37	28.9' LT	720.81	--	--	715.30	--	1	--	--	--	--	--	--	--	--
818	818HS+21.90	31.1' LT	720.76	--	--	715.23	--	1	--	--	--	--	--	--	--	--
818C	818HS+44.11	33.8' LT	720.75	--	--	715.14	--	1	--	--	--	--	--	--	--	TO BE DETERMINED BY DEVELOPER
818Q	818HS+02.40	1.0' RT	721.36	--	--	716.13	--	--	--	--	--	--	--	--	--	TO BE DETERMINED BY DEVELOPER
818A	818HS+22.81	1.0' RT	721.35	--	--	716.04	--	--	--	--	--	--	--	--	--	TO BE DETERMINED BY DEVELOPER
820	819HS+90.22	25.9' LT	721.47	--	--	713.91	--	1	--	--	--	--	--	--	--	TO BE DETERMINED BY DEVELOPER
820A	819HS+89.85	1.00 RT	721.93	--	--	716.71	--	--	--	--	--	--	--	--	--	TO BE DETERMINED BY DEVELOPER
821G	820HS+39.68	47.8' LT	721.33	--	--	713.45	--	--	1	--	--	--	--	--	--	TO BE DETERMINED BY DEVELOPER
821A	820HS+39.68	1.0' RT	722.13	--	--	715.12	--	--	--	--	--	--	--	--	--	TO BE DETERMINED BY DEVELOPER
822	822HS+10.74	37.5' LT	722.10	--	--	712.44	--	--	1	--	--	--	--	--	--	--
822A	822HS+10.74	1.0' RT	722.82	--	--	717.07	--	--	--	--	--	--	--	--	--	--
824	824HS+23.93	25.5' LT	722.38	--	--	714.17	--	1	--	--	--	--	--	--	--	--
824A	824HS+24.17	3.9' RT	722.84	--	--	717.17	--	--	--	--	--	--	--	--	--	--
826	826HS+00.02	25.5' LT	721.87	--	--	714.77	--	1	--	--	--	--	--	--	--	--
826A	826HS600.01	1.0' RT	722.35	--	--	716.88	--	--	--	--	--	--	--	--	--	--
829	829HS+04.15	25.5' LT	720.96	--	--	715.88	1	--	--	--	--	--	--	--	--	--
829A	829HS+03.97	1.0' RT	721.43	--	--	716.24	--	--	--	--	--	--	--	--	--	--
829G	830HS+00.49	58.2' LT	718.15	--	--	709.00	--	--	--	--	--	1	--	--	--	--
830A	830HS+10.06	25.0' LT	720.70	--	--	715.63	--	--	--	--	--	--	--	--	--	--
830	830HS+35.25	25.0' LT	720.67	--	--	715.53	--	--	--	--	--	--	--	--	--	--
830Q	830HS+60.31	25.0' LT	720.68	--	--	715.18	--	--	--	--	--	--	--	--	--	--
830C	830HS+35.00	1.0' RT	721.15	--	--	716.41	--	--	--	--	--	--	--	--	--	--
830K	830HS+60.67	1.8' RT	721.17	--	--	716.52	1	--	--	--	--	--	--	--	--	--
832E	831HS+83.31	25.5' LT	721.08	--	--	714.59	1	--	--	--	--	--	--	--	--	--
832	831HS+82.88	1.0' RT	721.57	--	--	715.73	--	--	--	--	--	--	--	--	--	--
833	832HS+99.67	25.5' LT	721.99	--	--	712.54	--	--	1	--	--	--	--	--	--	--
834	835HS+00.04	25.5' LT	724.32	--	--	717.71	--	1	--	--	--	--	--	--	--	--
834A	835HS+00.25	3.3' RT	724.76	--	--	719.06	--	--	--	--	--	--	--	--	--	--
837	837HS+00.51	25.5' LT	726.72	--	--	721.12	--	1	--	--	--	--	--	--	--	--

STORM SEWER STRUCTURES (CONTINUED)

STRUCTURE NUMBER	STATION	OFFSET	FLANGE OR RIM ELEV	ENDWALL ELEV	EXISTING RIM ELEV	LOWEST INVERT	522.1012	522.1015*	522.1018	522.1024	522.2624	611.0530	611.0535	611.0624	611.0627	611.0639	611.0642
							APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 12-INCH EACH	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 15-INCH EACH	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 18-INCH EACH	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 24-INCH EACH	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL 24X38-INCH EACH	MANHOLE COVERS TYPE J EACH	MANHOLE COVERS TYPE J-SPECIAL EACH	INLET COVERS TYPE H EACH	INLET COVERS TYPE HM EACH	INLET COVERS TYPE H-S EACH	INLET COVERS TYPE MS EACH
STAGE 2																	
837A	837HS+00.46	1.0' RT	727.21	--	--	721.98	--	--	--	--	--	--	--	1	--	--	--
839	839HS+20.52	25.5' LT	729.36	--	--	723.18	--	--	--	--	--	--	--	1	--	--	--
839A	839HS+20.47	1.0' RT	729.86	--	--	724.07	--	--	--	--	--	--	--	1	--	--	--
841	841HS+47.34	25.5' LT	731.73	--	--	725.17	--	--	--	--	--	--	--	1	--	--	--
841A	841HS+47.29	1.0' RT	732.20	--	--	726.16	--	--	--	--	--	--	--	1	--	--	--
843	843HS+42.07	25.5' LT	733.28	--	--	726.45	--	--	--	--	--	--	--	1	--	--	--
844A	844HS+31.91	25.8' LT	733.84	--	--	727.11	--	--	--	--	--	--	--	1	--	--	--
844H	844HS+31.88	1.5' RT	734.31	--	--	728.54	--	--	--	--	--	--	--	1	--	--	--
844B	844HS+80.43	1.5' RT	734.60	--	--	728.77	--	--	--	--	--	--	--	1	--	--	--
845H	845HS+44.09	37.5' LT	734.25	--	--	727.90	--	--	--	--	--	--	--	1	--	--	--
846	846HS+13.24	37.5' LT	734.67	--	--	728.35	--	--	--	--	--	--	--	1	--	--	--
846A	846HS+13.21	1.0' RT	735.40	--	--	729.65	--	--	--	--	--	--	--	1	--	--	--
848	848HS+00.86	37.5' LT	735.79	--	--	729.63	--	--	--	--	--	--	--	1	--	--	--
847	846HS+64.09	37.5' LT	734.97	--	--	728.71	--	--	--	--	--	--	--	1	--	--	--
850	849HS+99.96	27.1' LT	737.20	--	--	731.49	--	--	--	--	--	--	--	1	--	--	--
850A	849HS+99.99	1.0' RT	737.73	--	--	731.86	--	--	--	--	--	--	--	1	--	--	--
853	852HS+61.60	25.5' LT	738.80	--	--	733.29	--	--	--	--	--	--	--	1	--	--	--
853A	852HS+61.59	1.0' RT	739.30	--	--	733.41	--	--	--	--	--	--	--	1	--	--	--
860	860HS+00.62	37.5' LT	735.12	--	--	730.37	--	--	--	--	--	--	--	1	--	--	--
862	861HS+74.34	28.8' LT	734.20	--	--	729.27	--	--	--	--	--	--	--	1	--	--	--
862A	861HS+76.08	1.0' RT	734.780	--	--	729.66	--	--	--	--	--	--	--	1	--	--	--
3008A	3007FC7A+91.53	26.8' LT	*	--	--	714.68	--	--	--	--	--	--	--	--	--	1	--
3008B	3007FC7A+66.32	21.3' LT	*	--	--	714.79	--	--	--	--	--	--	--	1	--	--	--
3008C	3007FC7A+90.85	1.0' RT	*	--	--	714.80	--	--	--	--	--	--	--	--	--	1	--
3008D	3007FC7A+65.83	1.0' RT	*	--	--	714.91	--	--	--	--	--	--	--	1	--	--	--
3008E	3007FC7B+65.76	1.0' LT	*	--	--	714.95	--	--	--	--	--	--	--	1	--	--	--
3008F	3007FC7B+90.73	1.0' LT	*	--	--	714.84	--	--	--	--	--	--	--	--	--	1	--
3008H	3007FC7B+65.19	15.0' RT	*	--	--	715.02	--	--	--	--	--	--	--	1	--	--	--
3008G	3007FC7B+90.51	15.0' RT	*	--	--	714.91	--	--	--	--	--	--	--	--	--	1	--
844G	844HS+80.46	52.0' LT	733.83	--	--	727.62	--	--	--	--	--	--	--	1	--	--	--

STORM SEWER STRUCTURES (CONTINUED)

STRUCTURE NUMBER	STATION	OFFSET	FLANGE OR RIM ELEV	ENDWALL ELEV	EXISTING RIM ELEV	LOWEST INVERT	611.2004	611.2005	611.2006	611.2007	611.2008	611.2009	611.3004	611.3902	633.5200	NOTES
							MANHOLES 4-FT	MANHOLES 5-FT	MANHOLES 6-FT	MANHOLES 7-FT	MANHOLES 8-FT	MANHOLES 9-FT	INLETS 4-FT	INLETS MEDIAN 2 GRATE	MARKERS CULVERT END	
							DIAMETER EACH	DIAMETER EACH	DIAMETER EACH	DIAMETER EACH	DIAMETER EACH	DIAMETER EACH	DIAMETER EACH	DIAMETER EACH	DIAMETER EACH	
STAGE 2																
837A	837HS+00.46	1.0' RT	727.21	--	--	721.98	--	--	--	--	--	--	--	--	--	--
839	839HS+20.52	25.5' LT	729.36	--	--	723.18	--	1	--	--	--	--	--	--	--	--
839A	839HS+20.47	1.0' RT	729.86	--	--	724.07	--	--	--	--	--	--	--	--	--	--
841	841HS+47.34	25.5' LT	731.73	--	--	725.17	--	1	--	--	--	--	--	--	--	--
841A	841HS+47.29	1.0' RT	732.20	--	--	726.16	--	--	--	--	--	--	--	--	--	--
843	843HS+42.07	25.5' LT	733.28	--	--	726.45	--	1	--	--	--	--	--	--	--	--
844A	844HS+31.91	25.8' LT	733.84	--	--	727.11	--	1	--	--	--	--	--	--	--	--
844H	844HS+31.88	1.5' RT	734.31	--	--	728.54	1	--	--	--	--	--	--	--	--	--
844B	844HS+80.43	1.5' RT	734.60	--	--	728.77	1	--	--	--	--	--	--	--	--	--
845H	845HS+44.09	37.5' LT	734.25	--	--	727.90	--	1	--	--	--	--	--	--	--	--
846	846HS+13.24	37.5' LT	734.67	--	--	728.35	--	1	--	--	--	--	--	--	--	--
846A	846HS+13.21	1.0' RT	735.40	--	--	729.65	--	--	--	--	--	--	--	--	--	--
848	848HS+00.86	37.5' LT	735.79	--	--	729.63	--	1	--	--	--	--	--	--	--	--
847	846HS+64.09	37.5' LT	734.97	--	--	728.71	--	1	--	--	--	--	--	--	--	--
850	849HS+99.96	27.1' LT	737.20	--	--	731.49	--	1	--	--	--	--	--	--	--	--
850A	849HS+99.99	1.0' RT	737.73	--	--	731.86	--	--	--	--	--	--	--	--	--	--
853	852HS+61.60	25.5' LT	738.80	--	--	733.29	1	--	--	--	--	--	--	--	--	--
853A	852HS+61.59	1.0' RT	739.30	--	--	733.41	--	--	--	--	--	--	--	--	--	--
860	860HS+00.62	37.5' LT	735.12	--	--	730.37	1	--	--	--	--	--	--	--	--	--
862	861HS+74.34	28.8' LT	734.20	--	--	729.27	1	--	--	--	--	--	--	--	--	--
862A	861HS+76.08	1.0' RT	734.780	--	--	729.66	--	--	--	--	--	--	--	--	--	--
3008A	3007FC7A+91.53	26.8' LT	*	--	--	714.68	1	--	--	--	--	--	--	--	--	--
3008B	3007FC7A+66.32	21.3' LT	*	--	--	714.79	--	--	--	--	--	--	--	--	--	--
3008C	3007FC7A+90.85	1.0' RT	*	--	--	714.80	--	--	--	--	--	--	--	--	--	--
3008D	3007FC7A+65.83	1.0' RT	*	--	--	714.91	--	--	--	--	--	--	--	--	--	--
3008E	3007FC7B+65.76	1.0' LT	*	--	--	714.95	--	--	--	--	--	--	--	--	--	--
3008F	3007FC7B+90.73	1.0' LT	*	--	--	714.84	--	--	--	--	--	--	--	--	--	--
3008H	3007FC7B+65.19	15.0' RT	*	--	--	715.02	--	--	--	--	--	--	--	--	--	--
3008G	3007FC7B+90.51	15.0' RT	*	--	--	714.91	--	--	--	--	--	--	--	--	--	--
844G	844HS+80.46	52.0' LT	733.83	--	--	727.62	--	--	--	--	--	--	--	--	--	--

844	844HS+21.77	59.5' RT	733.28	--	--	727.34	--	--	--	--	--	--	--	1	--	--	--
1008A	1007FC6A+90.76	30.6' LT	*	--	--	727.24	--	--	--	--	--	--	--	--	--	1	--
1008B	1007FC6A+65.87	25.3' LT	*	--	--	727.35	--	--	--	--	--	--	--	1	--	--	--
1008C	1007FC6A+90.72	1.5' RT	*	--	--	721.10	--	--	--	--	--	--	--	--	--	1	--
1008D	1007FC6A+65.54	1.0' RT	*	--	--	727.22	--	--	--	--	--	--	--	1	--	--	--
1008E	1007FC6B+65.93	25.0' LT	*	--	--	721.18	--	--	--	--	--	--	--	1	--	--	--
1008F	1007FC6B+90.70	25.5' LT	*	--	--	727.07	--	--	--	--	--	--	--	--	--	1	--
1008J	1008FC6B+19.42	14.5' RT	*	--	--	726.80	--	--	--	--	--	--	--	1	--	--	--
1008G	1007FC6B+65.51	27.7' RT	*	--	--	726.94	--	--	--	--	--	--	--	1	--	--	--
1008H	1008FC6B+17.48	40.2' RT	*	--	--	726.79	--	--	--	--	--	--	--	--	--	1	--
856A	855HS+61.29	1.0' RT	738.51	--	--	732.17	--	--	--	--	--	--	--	1	--	--	--
856F	855HS+65.00	73.3' LT	738.65	--	--	731.85	--	--	--	--	--	--	--	1	--	--	--
154	154BRE+16.02	59.1' RT	737.01	--	--	731.39	--	--	--	--	--	--	--	--	--	1	--
154J	153BRE+30.25	39.0' RT	737.20	--	--	730.69	--	--	--	--	--	--	--	1	--	--	--
154B	153BRE+49.34	1.5' LT	736.94	--	--	731.40	--	--	--	--	--	--	--	--	--	1	--
154H	153BRE+29.55	1.0' LT	737.00	--	--	731.75	--	--	--	--	--	--	--	1	--	--	--
154G	153BRW+28.81	10.0' RT	736.50	--	--	731.85	--	--	--	--	--	--	--	1	--	--	--
154C	1543BRW+49.59	10.0' RT	736.47	--	--	731.74	--	--	--	--	--	--	--	--	--	1	--
152	151BRE+99.89	37.5' RT	738.38	--	--	729.97	--	--	--	--	--	--	--	1	--	--	--
152A	151BRE+99.66	1.0' LT	738.16	--	--	732.9	--	--	--	--	--	--	--	1	--	--	--
152B	151BRW+99.44	10.0' RT	737.76	--	--	733.01	--	--	--	--	--	--	--	1	--	--	--
150	150BRE+26.98	37.5' RT	739.84	--	--	728.07	--	--	--	--	--	--	--	1	--	--	--
150A	150BRE+27.12	6.5' RT	739.51	--	--	734.76	--	--	--	--	--	--	--	1	--	--	--
EW9	805HS+37.81	64.4' LT	721.63	--	--	--	--	1	--	--	--	--	--	--	--	--	--
EW8	830HS+46.19	58.9' LT	717.96	--	--	--	--	1	--	--	--	--	--	--	--	--	--
EW10	863HS+92.59	25.3' LT	728.19	--	--	--	--	--	1	--	--	--	--	--	--	--	--
STAGE 2 SUBTOTALS							1	3	1	1	1	--	4	99	29	19	6

TO BE DETERMINED BY DEVELOPER

STORM SEWER STRUCTURES (CONTINUED)

STRUCTURE NUMBER	STATION	OFFSET	FLANGE OR RIM ELEV	ENDWALL ELEV	EXISTING RIM ELEV	LOWEST INVERT	611.2004	611.2005	611.2006	611.2007	611.2008	611.2009	611.3004	611.3902	633.5200	NOTES
							MANHOLES 4-FT DIAMETER EACH	MANHOLES 5-FT DIAMETER EACH	MANHOLES 6-FT DIAMETER EACH	MANHOLES 7-FT DIAMETER EACH	MANHOLES 8-FT DIAMETER EACH	MANHOLES 9-FT DIAMETER EACH	INLETS 4-FT DIAMETER EACH	INLETS MEDIAN 2 GRATE EACH	MARKERS CULVERT END EACH	
STAGE 2																
844	844HS+21.77	59.5' RT	733.28	--	--	727.34	--	--	--	--	--	--	--	--	--	--
1008A	1007FC6A+90.76	30.6' LT	*	--	--	727.24	1	--	--	--	--	--	--	--	--	--
1008B	1007FC6A+65.87	25.3' LT	*	--	--	727.35	--	--	--	--	--	--	--	--	--	--
1008C	1007FC6A+90.72	1.5' RT	*	--	--	721.10	1	--	--	--	--	--	--	--	--	--
1008D	1007FC6A+65.54	1.0' RT	*	--	--	727.22	--	--	--	--	--	--	--	--	--	--
1008E	1007FC6B+65.93	25.0' LT	*	--	--	721.18	--	--	--	--	--	--	--	--	--	--
1008F	1007FC6B+90.70	25.5' LT	*	--	--	727.07	1	--	--	--	--	--	--	--	--	--
1008J	1008FC6B+19.42	14.5' RT	*	--	--	726.80	1	--	--	--	--	--	--	--	--	--
1008G	1007FC6B+65.51	27.7' RT	*	--	--	726.94	--	--	--	--	--	--	--	--	--	--
1008H	1008FC6B+17.48	40.2' RT	*	--	--	726.79	--	1	--	--	--	--	--	--	--	--
856A	855HS+61.29	1.0' RT	738.51	--	--	732.17	--	--	--	--	--	--	--	--	--	--
856F	855HS+65.00	73.3' LT	738.65	--	--	731.85	1	--	--	--	--	--	--	--	--	--
154	154BRE+16.02	59.1' RT	737.01	--	--	731.39	--	1	--	--	--	--	--	--	--	--
154J	153BRE+30.25	39.0' RT	737.20	--	--	730.69	--	--	1	--	--	--	--	--	--	--
154B	153BRE+49.34	1.5' LT	736.94	--	--	731.40	--	1	--	--	--	--	--	--	--	TO BE DETERMINED BY DEVELOPER
154H	153BRE+29.55	1.0' LT	737.00	--	--	731.75	--	--	--	--	--	--	--	--	--	--
154G	153BRW+28.81	10.0' RT	736.50	--	--	731.85	--	--	--	--	--	--	--	--	--	--
154C	1543BRW+49.59	10.0' RT	736.47	--	--	731.74	1	--	--	--	--	--	--	--	--	--
152	151BRE+99.89	37.5' RT	738.38	--	--	729.97	--	1	--	--	--	--	--	--	--	--
152A	151BRE+99.66	1.0' LT	738.16	--	--	732.9	--	--	--	--	--	--	--	--	--	--
152B	151BRW+99.44	10.0' RT	737.76	--	--	733.01	--	--	--	--	--	--	--	--	--	--
150	150BRE+26.98	37.5' RT	739.84	--	--	728.07	--	1	--	--	--	--	--	--	--	--
150A	150BRE+27.12	6.5' RT	739.51	--	--	734.76	--	--	--	--	--	--	--	--	--	--
EW9	805HS+37.81	64.4' LT	721.63	--	--	--	--	--	--	--	--	--	--	--	--	--
EW8	830HS+46.19	58.9' LT	717.96	--	--	--	--	--	--	--	--	--	--	--	--	--
EW10	863HS+92.59	25.3' LT	728.19	--	--	--	--	--	--	--	--	--	--	--	--	--
STAGE 2 SUBTOTALS							17	38	6	2	--	1	36	3	4	--

TO BE DETERMINED BY DEVELOPER

STORM SEWER STRUCTURES (CONTINUED)

STRUCTURE NUMBER	STATION	OFFSET	FLANGE OR RIM ELEV	ENDWALL ELEV	EXISTING RIM ELEV	LOWEST INVERT	522.1012	522.1015*	522.1018	522.1024	522.2624	611.0530	611.0535	611.0624	611.0627	611.0639	611.0642
							APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 12-INCH EACH	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 15-INCH EACH	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 18-INCH EACH	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 24-INCH EACH	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL 24X38-INCH EACH	MANHOLE COVERS TYPE J EACH	MANHOLE COVERS TYPE J-SPECIAL EACH	INLET COVERS TYPE H EACH	INLET COVERS TYPE HM EACH	INLET COVERS TYPE H-S EACH	INLET COVERS TYPE MS EACH
STAGE 3																	
910	802HN+20	97' LT	--	717.19	--	--	--	--	1	--	--	--	--	--	--	--	--
926	449+75.00	60.0' LT	724.44	--	--	720.33	--	--	--	--	--	--	--	--	1	--	--
926A	449+65.00	68.0' RT	724.37	--	--	720.57	--	--	--	--	--	--	--	--	1	--	--
926B	449+75.00	68.0' RT	724.32	--	--	720.54	--	--	--	--	--	--	--	--	1	--	--
926C	449+75.00	8.0' LT	723.96	--	--	720.20	--	--	--	--	--	--	--	--	1	--	--
807	807HS+07.92	62.9' LT	724.88	--	--	718.90	--	1	--	--	--	--	--	--	--	--	--
808D	808HS+05.43	37.0' LT	725.44	--	--	720.80	--	--	--	--	--	--	--	1	--	--	--
EW6	807HS+27.74	63.9' LT	724.03	--	--	734.76	--	--	--	--	--	--	--	1	--	--	--
150B	150BRW+26.34	1.0' RT	739.59	--	--	734.89	--	--	--	--	--	--	--	1	--	--	--
150C	150BRW+27.00	37.0' LT	739.83	--	--	735.07	--	--	--	--	--	--	--	1	--	--	--
152C	151BRW+99.42	1.0' RT	738.02	--	--	735.05	--	--	--	--	--	--	--	1	--	--	--
152D	151BRW+98.34	37.0' LT	738.26	--	--	733.23	--	--	--	--	--	--	--	1	--	--	--
154F	153BRW+28.35	1.0' RT	736.81	--	--	731.88	--	--	--	--	--	--	--	1	--	--	--
154D	153BRW+49.13	1.0' RT	736.74	--	--	731.78	--	--	--	--	--	--	--	--	--	1	--
154E	153BRW+49.46	46.9' LT	736.81	--	--	731.98	--	--	--	--	--	--	--	--	--	1	--
857	857HS+16.18	1.5' RT	737.62	--	--	732.58	--	--	--	--	--	--	--	1	--	--	--
858A	857HS+99.89	1.5' RT	737.05	--	--	732.98	--	--	--	--	--	--	--	1	--	--	--
858	858HS+00.24	39.0' LT	736.30	--	--	733.15	--	--	--	--	--	--	--	1	--	--	--
859	858HS+54.41	1.0' RT	736.78	--	--	733.21	--	--	--	--	--	--	--	1	--	--	--
STAGE 3 SUBTOTALS							--	1	1	--	--	--	--	11	4	2	--

STORM SEWER STRUCTURES (CONTINUED)

STRUCTURE NUMBER	STATION	OFFSET	FLANGE OR RIM ELEV	ENDWALL ELEV	EXISTING RIM ELEV	LOWEST INVERT	611.2004	611.2005	611.2006	611.2007	611.2008	611.2009	611.3004	611.3902	633.5200	NOTES
							MANHOLES 4-FT DIAMETER EACH	MANHOLES 5-FT DIAMETER EACH	MANHOLES 6-FT DIAMETER EACH	MANHOLES 7-FT DIAMETER EACH	MANHOLES 8-FT DIAMETER EACH	MANHOLES 9-FT DIAMETER EACH	INLETS 4-FT DIAMETER EACH	INLETS MEDIAN 2 GRATE EACH	MARKERS CULVERT END EACH	
STAGE 3																
910	802HN+20	97' LT	--	717.19	--	--	--	--	--	--	--	--	--	--	1	--
926	449+75.00	60.0' LT	724.44	--	--	720.33	--	--	--	--	--	--	1	--	--	--
926A	449+65.00	68.0' RT	724.37	--	--	720.57	--	--	--	--	--	--	1	--	--	--
926B	449+75.00	68.0' RT	724.32	--	--	720.54	--	--	--	--	--	--	1	--	--	--
926C	449+75.00	8.0' LT	723.96	--	--	720.20	--	--	--	--	--	--	1	--	--	--
807	807HS+07.92	62.9' LT	724.88	--	--	718.90	1	--	--	--	--	--	--	--	--	--
808D	808HS+05.43	37.0' LT	725.44	--	--	720.80	--	--	--	--	--	--	--	--	--	--
EW6	807HS+27.74	63.9' LT	724.03	--	--	734.76	--	--	--	--	--	--	--	--	--	--
150B	150BRW+26.34	1.0' RT	739.59	--	--	734.89	--	--	--	--	--	--	--	--	--	--
150C	150BRW+27.00	37.0' LT	739.83	--	--	735.07	--	--	--	--	--	--	--	--	--	--
152C	151BRW+99.42	1.0' RT	738.02	--	--	735.05	--	--	--	--	--	--	--	--	--	--
152D	151BRW+98.34	37.0' LT	738.26	--	--	733.23	--	--	--	--	--	--	--	--	--	--
154F	153BRW+28.35	1.0' RT	736.81	--	--	731.88	--	--	--	--	--	--	--	--	--	--
154D	153BRW+49.13	1.0' RT	736.74	--	--	731.78	1	--	--	--	--	--	--	--	--	--
154E	153BRW+49.46	46.9' LT	736.81	--	--	731.98	1	--	--	--	--	--	--	--	--	--
857	857HS+16.18	1.5' RT	737.62	--	--	732.58	1	--	--	--	--	--	--	--	--	--
858A	857HS+99.89	1.5' RT	737.05	--	--	732.98	1	--	--	--	--	--	--	--	--	--
858	858HS+00.24	39.0' LT	736.30	--	--	733.15	--	--	--	--	--	--	--	--	--	--
859	858HS+54.41	1.0' RT	736.78	--	--	733.21	--	--	--	--	--	--	--	--	--	--
STAGE 3 SUBTOTALS							5	--	--	--	--	--	4	--	1	--

STORM SEWER STRUCTURES (CONTINUED)

STRUCTURE NUMBER	STATION	OFFSET	FLANGE OR RIM ELEV	ENDWALL ELEV	EXISTING RIM ELEV	LOWEST INVERT	522.1012	522.1015*	522.1018	522.1024	522.2624	611.0530	611.0535	611.0624	611.0627	611.0639	611.0642
							APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 12-INCH EACH	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 15-INCH EACH	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 18-INCH EACH	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 24-INCH EACH	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL 24X38-INCH EACH	MANHOLE COVERS TYPE J EACH	MANHOLE COVERS J-SPECIAL EACH	INLET COVERS TYPE H EACH	INLET COVERS TYPE HM EACH	INLET COVERS TYPE H-S EACH	INLET COVERS TYPE MS EACH
STAGE 4																	
922A	447+75.00	68.0' RT	725.31	--	--	721.12	--	--	--	--	--	--	--	--	1	--	--
922B	447+65.00	8.0' LT	724.88	--	--	720.81	--	--	--	--	--	--	--	--	1	--	--
922C	447+75.00	8.0' LT	724.83	--	--	720.78	--	--	--	--	--	--	--	--	1	--	--
924	448+65.00	68.0' RT	724.86	--	--	720.86	--	--	--	--	--	--	--	--	1	--	--
924A	448+75.00	68.0' RT	724.81	--	--	720.83	--	--	--	--	--	--	--	--	1	--	--
924B	448+75.00	8.0' LT	724.33	--	--	720.49	--	--	--	--	--	--	--	--	1	--	--
808	808HS+06.40	13.0' RT	725.94	--	--	720.56	--	--	--	--	--	--	--	1	--	--	--
808A	808HN+01.59	1.5' RT	725.60	--	--	720.49	--	--	--	--	--	--	--	1	--	--	--
808B	808HN+02.94	25.0' RT	725.12	--	--	718.65	--	--	--	--	--	--	--	1	--	--	--
809C	809HN+94.64	1.0' LT	727.32	--	--	721.96	--	--	--	--	--	--	--	1	--	--	--
809D	809HN+95.02	25.0' RT	726.83	--	--	722.08	--	--	--	--	--	--	--	1	--	--	--
814C	813HN+95.44	1.0' LT	726.32	--	--	720.97	--	--	--	--	--	--	--	1	--	--	--
814D	813HN+95.88	25.0' RT	725.84	--	--	721.09	--	--	--	--	--	--	--	1	--	--	--
816C	815HN+94.56	18.4' LT	723.09	--	--	717.79	--	--	--	--	--	--	--	1	--	--	--
816D	815HN+94.87	32.8' RT	722.79	--	--	718.04	--	--	--	--	--	--	--	1	--	--	--
818T	818HS+23.17	10.0' RT	721.18	--	--	716.08	--	--	--	--	--	--	--	--	--	1	--
818D	818HN+17.69	10.5' LT	720.94	--	--	716.13	--	--	--	--	--	--	--	--	--	1	--
817	817HS+05.14	10.0' RT	721.46	--	--	716.65	--	--	--	--	--	--	--	1	--	--	--
818M	817HN+97.62	10.0' LT	720.97	--	--	716.23	--	--	--	--	--	--	--	1	--	--	--
818N	817HN+97.58	1.0' LT	721.20	--	--	716.27	--	--	--	--	--	--	--	1	--	--	--
818F	818HN+12.47	1.5' LT	720.94	--	--	716.20	--	--	--	--	--	--	--	--	--	1	--
818I	818HN+29.73	37.7' RT	720.47	--	--	716.38	--	--	--	--	--	--	--	1	--	--	--
818R	817HN+97.67	37.0' RT	720.49	--	--	716.53	--	--	--	--	--	--	--	1	--	--	--
819	818HN+93.41	26.0' RT	720.84	--	--	716.10	--	--	--	--	--	--	--	1	--	--	--
819A	819HN+28.10	51.9' RT	720.89	--	--	715.94	--	--	--	--	--	--	--	1	--	--	--
820B	819HS+89.67	11.0' RT	721.70	--	--	716.75	--	--	--	--	--	--	--	1	--	--	--
821B	82HN+34.45	10.0' LT	721.66	--	--	715.12	--	--	--	--	--	--	--	1	--	--	--
821C	820HN934.45	1.0' LT	721.89	--	--	715.27	--	--	--	--	--	--	--	--	--	1	--
821D	820HN+34.45	35.2' RT	721.26	--	--	715.43	--	--	--	--	--	--	--	1	--	--	--

STORM SEWER STRUCTURES (CONTINUED)

STRUCTURE NUMBER	STATION	OFFSET	FLANGE OR RIM ELEV	ENDWALL ELEV	EXISTING RIM ELEV	LOWEST INVERT	611.2004	611.2005	611.2006	611.2007	611.2008	611.2009	611.3004	611.3902	633.5200	NOTES
							MANHOLES 4-FT DIAMETER EACH	MANHOLES 5-FT DIAMETER EACH	MANHOLES 6-FT DIAMETER EACH	MANHOLES 7-FT DIAMETER EACH	MANHOLES 8-FT DIAMETER EACH	MANHOLES 9-FT DIAMETER EACH	INLETS 4-FT DIAMETER EACH	INLETS MEDIAN 2 GRATE EACH	MARKERS CULVERT END EACH	
STAGE 4																
922A	447+75.00	68.0' RT	725.31	--	--	721.12	--	--	--	--	--	--	1	--	--	--
922B	447+65.00	8.0' LT	724.88	--	--	720.81	--	--	--	--	--	--	1	--	--	--
922C	447+75.00	8.0' LT	724.83	--	--	720.78	--	--	--	--	--	--	1	--	--	--
924	448+65.00	68.0' RT	724.86	--	--	720.86	--	--	--	--	--	--	1	--	--	--
924A	448+75.00	68.0' RT	724.81	--	--	720.83	--	--	--	--	--	--	1	--	--	--
924B	448+75.00	8.0' LT	724.33	--	--	720.49	--	--	--	--	--	--	1	--	--	--
808	808HS+06.40	13.0' RT	725.94	--	--	720.56	--	--	--	--	--	--	--	--	--	--
808A	808HN+01.59	1.5' RT	725.60	--	--	720.49	--	--	--	--	--	--	--	--	--	--
808B	808HN+02.94	25.0' RT	725.12	--	--	718.65	--	--	--	--	--	--	--	--	--	--
809C	809HN+94.64	1.0' LT	727.32	--	--	721.96	--	--	--	--	--	--	--	--	--	--
809D	809HN+95.02	25.0' RT	726.83	--	--	722.08	--	--	--	--	--	--	--	--	--	--
814C	813HN+95.44	1.0' LT	726.32	--	--	720.97	--	--	--	--	--	--	--	--	--	--
814D	813HN+95.88	25.0' RT	725.84	--	--	721.09	--	--	--	--	--	--	--	--	--	--
816C	815HN+94.56	18.4' LT	723.09	--	--	717.79	--	--	--	--	--	--	--	--	--	--
816D	815HN+94.87	32.8' RT	722.79	--	--	718.04	--	--	--	--	--	--	--	--	--	--
818T	818HS+23.17	10.0' RT	721.18	--	--	716.08	--	--	--	--	--	--	--	--	--	--
818D	818HN+17.69	10.5' LT	720.94	--	--	716.13	1	--	--	--	--	--	--	--	--	--
817	817HS+05.14	10.0' RT	721.46	--	--	716.65	--	--	--	--	--	--	--	--	--	--
818M	817HN+97.62	10.0' LT	720.97	--	--	716.23	--	--	--	--	--	--	--	--	--	--
818N	817HN+97.58	1.0' LT	721.20	--	--	716.27	--	--	--	--	--	--	--	--	--	--
818F	818HN+12.47	1.5' LT	720.94	--	--	716.20	--	1	--	--	--	--	--	--	--	--
818I	818HN+29.73	37.7' RT	720.47	--	--	716.38	--	--	--	--	--	--	--	--	--	--
818R	817HN+97.67	37.0' RT	720.49	--	--	716.53	--	--	--	--	--	--	--	--	--	--
819	818HN+93.41	26.0' RT	720.84	--	--	716.10	--	--	--	--	--	--	--	--	--	--
819A	819HN+28.10	51.9' RT	720.89	--	--	715.94	1	--	--	--	--	--	--	--	--	--
820B	819HS+89.67	11.0' RT	721.70	--	--	716.75	--	--	--	--	--	--	--	--	--	--
821B	82HN+34.45	10.0' LT	721.66	--	--	715.12	--	--	--	--	--	--	--	--	--	TO BE DETERMINED BY DEVELOPER
821C	820HN934.45	1.0' LT	721.89	--	--	715.27	--	--	--	--	--	--	--	--	--	TO BE DETERMINED BY DEVELOPER
821D	820HN+34.45	35.2' RT	721.26	--	--	715.43	--	--	--	--	--	--	--	--	--	TO BE DETERMINED BY DEVELOPER

STORM SEWER STRUCTURES (CONTINUED)

STRUCTURE NUMBER	STATION	OFFSET	FLANGE OR RIM ELEV	ENDWALL ELEV	EXISTING RIM ELEV	LOWEST INVERT	522.1012	522.1015*	522.1018	522.1024	522.2624	611.0530	611.0535	611.0624	611.0627	611.0639	611.0642
							APRON ENDWALLS FOR CULVER PIPE REINFORCED CONCRETE 12-INCH EACH	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 15-INCH EACH	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 18-INCH EACH	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 24-INCH EACH	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL 24X38-INCH EACH	MANHOLE COVERS TYPE J EACH	MANHOLE COVERS TYPE J-SPECIAL EACH	INLET COVERS TYPE H EACH	INLET COVERS TYPE HM EACH	INLET COVERS TYPE H-S EACH	INLET COVERS TYPE MS EACH
STAGE 4																	
822B	822HN+05.51	10.0' LT	722.34	--	--	717.18	--	--	--	--	--	--	--	1	--	--	--
822C	822HN+05.51	1.0' LT	722.58	--	--	717.22	--	--	--	--	--	--	--	1	--	--	--
822D	822HN+05.51	25.0' RT	722.09	--	--	717.34	--	--	--	--	--	--	--	1	--	--	--
824C	824HN+18.95	1.0' LT	722.67	--	--	717.31	--	--	--	--	--	--	--	1	--	--	--
824D	824HN+18.95	25.0' RT	722.18	--	--	717.43	--	--	--	--	--	--	--	1	--	--	--
826C	825HN+94.78	1.0' LT	722.13	--	--	717.04	--	--	--	--	--	--	--	1	--	--	--
826D	825HN+94.78	25.0' RT	721.66	--	--	717.16	--	--	--	--	--	--	--	1	--	--	--
829B	829HN+00.53	1.0' LT	721.21	--	--	716.40	--	--	--	--	--	--	--	1	--	--	--
829C	829HN+00.53	25.0' RT	720.73	--	--	716.52	--	--	--	--	--	--	--	1	--	--	--
830I	830HN+07.22	25.0' RT	720.45	--	--	716.79	--	--	--	--	--	--	--	1	--	--	--
830H	830HN+32.09	25.0' RT	720.43	--	--	716.68	--	--	--	--	--	--	--	--	--	1	--
830S	830HN+60.31	1.0' LT	720.45	--	--	716.79	--	--	--	--	--	--	--	1	--	--	--
830F	830HN+32.28	1.0' LT	720.91	--	--	716.56	--	--	--	--	--	--	--	--	--	1	--
830L	830HN+58.19	1.0' LT	720.94	--	--	716.67	--	--	--	--	--	--	--	1	--	--	--
831	830HN+98.92	10.6' LT	721.42	--	--	716.74	--	--	--	--	--	--	--	--	1	--	--
832A	831HS+83.04	10.5' RT	721.34	--	--	715.77	--	--	--	--	--	--	--	1	--	--	--
832D	832HN+12.98	32.3' RT	720.94	--	--	716.12	--	--	--	--	--	--	--	1	--	--	--
832C	832HN+12.27	1.0' LT	721.52	--	--	715.96	--	--	--	--	--	--	--	1	--	--	--
833C	832HN+98.80	26.4' RT	721.71	--	--	716.96	--	--	--	--	--	--	--	1	--	--	--
832B	832HN+12.16	10.5' LT	721.28	--	--	715.92	--	--	--	--	--	--	--	1	--	--	--
833E	832HN+99.07	10.0' LT	722.00	--	--	716.79	--	--	--	--	--	--	--	1	--	--	--
833B	832HN+98.85	1.0' LT	722.23	--	--	716.83	--	--	--	--	--	--	--	1	--	--	--
834C	834HN+99.21	1.0' LT	724.57	--	--	719.21	--	--	--	--	--	--	--	1	--	--	--
834D	834HN+99.17	25.0' RT	724.08	--	--	719.33	--	--	--	--	--	--	--	1	--	--	--
837C	836HN+99.68	1.0' LT	726.96	--	--	722.14	--	--	--	--	--	--	--	1	--	--	--
837D	836HN+99.64	25.0' RT	726.49	--	--	722.26	--	--	--	--	--	--	--	1	--	--	--
839C	839HN+19.70	11.4' LT	729.40	--	--	724.18	--	--	--	--	--	--	--	1	--	--	--
839D	839HN+19.65	26.1' RT	729.11	--	--	724.36	--	--	--	--	--	--	--	1	--	--	--
841B	841HS+47.28	10.0' RT	731.98	--	--	726.20	--	--	--	--	--	--	--	1	--	--	--
841D	841HN+46.60	1.0' LT	732.03	--	--	726.31	--	--	--	--	--	--	--	1	--	--	--
841E	841HN+46.45	37.0' RT	731.24	--	--	726.49	--	--	--	--	--	--	--	1	--	--	--
842	842HN+37.27	37.5' RT	732.02	--	--	726.93	--	--	--	--	--	--	--	1	--	--	--
843B	843HN+52.88	57.5' RT	732.63	--	--	727.51	--	--	--	--	--	--	--	1	--	--	--
844I	844HS+31.64	11.0' RT	734.07	--	--	729.25	--	--	--	--	--	--	--	1	--	--	--
844D	844HN+98.23	10.5' LT	734.23	--	--	728.91	--	--	--	--	--	--	--	1	--	--	--
844E	844HN+98.21	1.0' LT	734.48	--	--	728.95	--	--	--	--	--	--	--	1	--	--	--
844F	844HN+98.15	33.6' RT	733.86	--	--	729.11	--	--	--	--	--	--	--	1	--	--	--
845I	845HN+26.77	30.8' RT	734.07	--	--	729.32	--	--	--	--	--	--	--	1	--	--	--
846E	846HN+12.45	10.0' LT	734.92	--	--	729.76	--	--	--	--	--	--	--	1	--	--	--
846C	846HN+12.43	1.0' LT	735.15	--	--	729.80	--	--	--	--	--	--	--	1	--	--	--
846D	846HN+12.41	25.0' RT	734.67	--	--	729.92	--	--	--	--	--	--	--	1	--	--	--
848A	848HS+00.70	5.7' RT	736.41	--	--	730.80	--	--	--	--	--	--	--	1	--	--	--

PROJECT NO: 3760-00-70

HWY: CTH H

COUNTY: RACINE

MISCELLANEOUS QUANTITIES

SHEET:

E

STORM SEWER STRUCTURES (CONTINUED)

611.2004 611.2005 611.2006 611.2007 611.2008 611.2009 611.3004 611.3902 633.5200

STRUCTURE NUMBER	STATION	OFFSET	FLANGE OR RIM ELEV	ENDWALL ELEV	EXISTING RIM ELEV	LOWEST INVERT	MANHOLES	MANHOLES	MANHOLES	MANHOLES	MANHOLES	MANHOLES	INLETS	INLETS	MARKERS	NOTES
							4-FT DIAMETER EACH	5-FT DIAMETER EACH	6-FT DIAMETER EACH	7-FT DIAMETER EACH	8-FT DIAMETER EACH	9-FT DIAMETER EACH	4-FT DIAMETER EACH	2 GRATE MEDIAN EACH	CULVERT END EACH	
STAGE 4																
822B	822HN+05.51	10.0' LT	722.34	--	--	717.18	--	--	--	--	--	--	--	--	--	TO BE DETERMINED BY DEVELOPER
822C	822HN+05.51	1.0' LT	722.58	--	--	717.22	--	--	--	--	--	--	--	--	--	TO BE DETERMINED BY DEVELOPER
822D	822HN+05.51	25.0' RT	722.09	--	--	717.34	--	--	--	--	--	--	--	--	--	TO BE DETERMINED BY DEVELOPER
824C	824HN+18.95	1.0' LT	722.67	--	--	717.31	--	--	--	--	--	--	--	--	--	TO BE DETERMINED BY DEVELOPER
824D	824HN+18.95	25.0' RT	722.18	--	--	717.43	--	--	--	--	--	--	--	--	--	TO BE DETERMINED BY DEVELOPER
826C	825HN+94.78	1.0' LT	722.13	--	--	717.04	--	--	--	--	--	--	--	--	--	TO BE DETERMINED BY DEVELOPER
826D	825HN+94.78	25.0' RT	721.66	--	--	717.16	--	--	--	--	--	--	--	--	--	--
829B	829HN+00.53	1.0' LT	721.21	--	--	716.40	--	--	--	--	--	--	--	--	--	--
829C	829HN+00.53	25.0' RT	720.73	--	--	716.52	--	--	--	--	--	--	--	--	--	--
830I	830HN+07.22	25.0' RT	720.45	--	--	716.79	--	--	--	--	--	--	--	--	--	--
830H	830HN+32.09	25.0' RT	720.43	--	--	716.68	--	--	--	--	--	--	--	--	--	--
830S	830HN+60.31	1.0' LT	720.45	--	--	716.79	--	--	--	--	--	--	--	--	--	--
830F	830HN+32.28	1.0' LT	720.91	--	--	716.56	--	--	--	--	--	--	--	--	--	--
830L	830HN+58.19	1.0' LT	720.94	--	--	716.67	--	--	--	--	--	--	--	--	--	--
831	830HN+98.92	10.6' LT	721.42	--	--	716.74	--	--	--	--	--	--	--	--	--	--
832A	831HS+83.04	10.5' RT	721.34	--	--	715.77	1	--	--	--	--	--	--	--	--	--
832D	832HN+12.98	32.3' RT	720.94	--	--	716.12	--	--	--	--	--	--	--	--	--	--
832C	832HN+12.27	1.0' LT	721.52	--	--	715.96	--	--	--	--	--	--	--	--	--	--
833C	832HN+98.80	26.4' RT	721.71	--	--	716.96	--	--	--	--	--	--	--	--	--	--
832B	832HN+12.16	10.5' LT	721.28	--	--	715.92	1	--	--	--	--	--	--	--	--	--
833E	832HN+99.07	10.0' LT	722.00	--	--	716.79	--	--	--	--	--	--	--	--	--	--
833B	832HN+98.85	1.0' LT	722.23	--	--	716.83	--	--	--	--	--	--	--	--	--	--
834C	834HN+99.21	1.0' LT	724.57	--	--	719.21	--	--	--	--	--	--	--	--	--	--
834D	834HN+99.17	25.0' RT	724.08	--	--	719.33	--	--	--	--	--	--	--	--	--	--
837C	836HN+99.68	1.0' LT	726.96	--	--	722.14	--	--	--	--	--	--	--	--	--	--
837D	836HN+99.64	25.0' RT	726.49	--	--	722.26	--	--	--	--	--	--	--	--	--	--
839C	839HN+19.70	11.4' LT	729.40	--	--	724.18	--	--	--	--	--	--	--	--	--	--
839D	839HN+19.65	26.1' RT	729.11	--	--	724.36	--	--	--	--	--	--	--	--	--	--
841B	841HS+47.28	10.0' RT	731.98	--	--	726.20	--	--	--	--	--	--	--	--	--	--
841D	841HN+46.60	1.0' LT	732.03	--	--	726.31	--	--	--	--	--	--	--	--	--	--
841E	841HN+46.45	37.0' RT	731.24	--	--	726.49	--	--	--	--	--	--	--	--	--	--
842	842HN+37.27	37.5' RT	732.02	--	--	726.93	1	--	--	--	--	--	--	--	--	--
843B	843HN+52.88	57.5' RT	732.63	--	--	727.51	--	--	--	--	--	--	--	--	--	--
844I	844HS+31.64	11.0' RT	734.07	--	--	729.25	--	--	--	--	--	--	--	--	--	--
844D	844HN+98.23	10.5' LT	734.23	--	--	728.91	1	--	--	--	--	--	--	--	--	--
844E	844HN+98.21	1.0' LT	734.48	--	--	728.95	--	--	--	--	--	--	--	--	--	--
844F	844HN+98.15	33.6' RT	733.86	--	--	729.11	--	--	--	--	--	--	--	--	--	--
845I	845HN+26.77	30.8' RT	734.07	--	--	729.32	--	--	--	--	--	--	--	--	--	--
846E	846HN+12.45	10.0' LT	734.92	--	--	729.76	--	--	--	--	--	--	--	--	--	--
846C	846HN+12.43	1.0' LT	735.15	--	--	729.80	--	--	--	--	--	--	--	--	--	--
846D	846HN+12.41	25.0' RT	734.67	--	--	729.92	--	--	--	--	--	--	--	--	--	--
848A	848HS+00.70	5.7' RT	736.41	--	--	730.80	--	--	--	--	--	--	--	--	--	--

STORM SEWER STRUCTURES (CONTINUED)

STRUCTURE NUMBER	STATION	OFFSET	FLANGE OR RIM ELEV	ENDWALL ELEV	EXISTING RIM ELEV	LOWEST INVERT	522.1012	522.1015*	522.1018	522.1024	522.2624	611.0530	611.0535	611.0624	611.0627	611.0639	611.0642			
							APRON ENDWALLS FOR CULVERT PIPE	APRON ENDWALLS FOR CULVERT PIPE	APRON ENDWALLS FOR CULVERT PIPE	APRON ENDWALLS FOR CULVERT PIPE	APRON ENDWALLS FOR CULVERT PIPE	MANHOLE COVERS	MANHOLE COVERS	INLET COVERS	INLET COVERS	INLET COVERS	INLET COVERS			
							REINFORCED CONCRETE 12-INCH EACH	REINFORCED CONCRETE 15-INCH EACH	REINFORCED CONCRETE 18-INCH EACH	REINFORCED CONCRETE 24-INCH EACH	REINFORCED CONCRETE HORIZONTAL ELLIPTICAL 24X38-INCH EACH	MANHOLE COVERS TYPE J EACH	MANHOLE COVERS J-SPECIAL EACH	INLET COVERS TYPE H EACH	INLET COVERS TYPE HM EACH	INLET COVERS TYPE H-S EACH	INLET COVERS TYPE MS EACH			
STAGE 4																				
848C	847HN+99.93	1.0' LT	736.29	--	--	730.93	--	--	--	--	--	--	--	1	--	--	--			
848D	847HN+99.89	25.0' RT	735.80	--	--	731.05	--	--	--	--	--	--	--	1	--	--	--			
850C	849HN+99.23	7.4' LT	737.36	--	--	731.99	--	--	--	--	--	--	--	1	--	--	--			
850D	849HN+99.34	48.4' RT	736.64	--	--	732.25	--	--	--	--	--	--	--	1	--	--	--			
853B	852HS+61.59	10.0' RT	738.58	--	--	733.45	--	--	--	--	--	--	--	1	--	--	--			
853C	852HN+60.88	10.0' LT	738.81	--	--	733.51	--	--	--	--	--	--	--	1	--	--	--			
853D	852HN+60.88	1.0' LT	739.06	--	--	733.55	--	--	--	--	--	--	--	1	--	--	--			
853E	852HN+60.88	31.0' RT	738.45	--	--	733.70	--	--	--	--	--	--	--	1	--	--	--			
856E	855HS+61.28	11.0' RT	738.65	--	--	732.21	--	--	--	--	--	--	--	1	--	--	--			
856C	855HN+60.79	26.0' RT	738.65	--	--	732.32	--	--	--	--	--	--	--	1	--	--	--			
856D	855HN+39.42	55.2' RT	738.77	--	--	732.44	--	--	--	--	--	--	--	1	--	--	--			
856B	855HN+60.53	1.0' LT	735.92	--	--	732.61	--	--	--	--	--	--	--	1	--	--	--			
858B	857HN+99.21	10.5' LT	0.00	--	--	733.07	--	--	--	--	--	--	--	1	--	--	--			
858C	857HN+99.13	1.5' LT	737.18	--	--	733.10	--	--	--	--	--	--	--	1	--	--	--			
858D	857HN+98.81	35.7' RT	736.50	--	--	733.26	--	--	--	--	--	--	--	1	--	--	--			
859	858HS+54.41	1.0' RT	736.78	--	--	733.21	--	--	--	--	--	--	--	1	--	--	--			
859A	858HS+54.10	11.0' RT	736.63	--	--	733.25	--	--	--	--	--	--	--	1	--	--	--			
860A	860HS+00.43	11.0' RT	735.63	--	--	730.60	--	--	--	--	--	--	--	1	--	--	--			
860B	859HN+99.82	1.0' LT	735.96	--	--	730.71	--	--	--	--	--	--	--	1	--	--	--			
860C	859HN+98.99	25.0' RT	735.49	--	--	730.83	--	--	--	--	--	--	--	1	--	--	--			
862B	861HN+75.65	1.0' LT	734.91	--	--	729.82	--	--	--	--	--	--	--	1	--	--	--			
862C	861HN+72.89	25.0' RT	734.43	--	--	729.94	--	--	--	--	--	--	--	1	--	--	--			
157	157BRW+10.32	37.5' LT	735.50	--	--	724.00	--	--	--	--	--	--	--	1	--	--	--			
157A	157BRW+11.35	1.0' RT	735.29	--	--	730.18	--	--	--	--	--	--	--	1	--	--	--			
157B	157BRW+11.37	10.0' RT	735.08	--	--	730.22	--	--	--	--	--	--	--	1	--	--	--			
157C	157BRE+11.93	11.0' LT	734.79	--	--	730.28	--	--	--	--	--	--	--	1	--	--	--			
157D	157BRE+12.24	1.0' LT	735.09	--	--	730.32	--	--	--	--	--	--	--	1	--	--	--			
157E	157BRE+13.06	40.6' RT	735.45	--	--	730.52	--	--	--	--	--	--	--	1	--	--	--			
159	158BRW+85.71	29.5' LT	731.87	--	--	721.00	--	--	--	--	--	--	--	1	--	--	--			
159A	158BRW+86.34	6.4' RT	731.35	--	--	726.66	--	--	--	--	--	--	--	1	--	--	--			
159B	158BRE+87.54	1.0' LT	731.41	--	--	726.79	--	--	--	--	--	--	--	1	--	--	--			
159C	158BRE+88.47	37.0' RT	731.62	--	--	726.97	--	--	--	--	--	--	--	1	--	--	--			
160	159BRW+90.70	25.5' LT	729.58	--	--	720.76	--	--	--	--	--	--	--	1	--	--	--			
EW7	160BRW+10.18	22.8' LT	735.29	--	--	--	--	1	--	--	--	--	--	--	--	--	--			
CTH H STAGE 4 SUBTOTALS									1		1			4	202	40	27	6		
CTH H TOTALS									1	4	3	1		1	--	4	202	40	27	6

STORM SEWER STRUCTURES (CONTINUED)

STRUCTURE NUMBER	STATION	OFFSET	FLANGE OR RIM ELEV	ENDWALL ELEV	EXISTING RIM ELEV	LOWEST INVERT	611.2004	611.2005	611.2006	611.2007	611.2008	611.2009	611.3004	611.3902	633.5200	NOTES
							MANHOLES 4-FT DIAMETER EACH	MANHOLES 5-FT DIAMETER EACH	MANHOLES 6-FT DIAMETER EACH	MANHOLES 7-FT DIAMETER EACH	MANHOLES 8-FT DIAMETER EACH	MANHOLES 9-FT DIAMETER EACH	INLETS 4-FT DIAMETER EACH	INLETS MEDIAN 2 GRATE EACH	MARKERS CULVERT END EACH	
STAGE 4																
848C	847HN+99.93	1.0' LT	736.29	--	--	730.93	--	--	--	--	--	--	--	--	--	--
848D	847HN+99.89	25.0' RT	735.80	--	--	731.05	--	--	--	--	--	--	--	--	--	--
850C	849HN+99.23	7.4' LT	737.36	--	--	731.99	--	--	--	--	--	--	--	--	--	--
850D	849HN+99.34	48.4' RT	736.64	--	--	732.25	--	--	--	--	--	--	--	--	--	--
853B	852HS+61.59	10.0' RT	738.58	--	--	733.45	--	--	--	--	--	--	--	--	--	--
853C	852HN+60.88	10.0' LT	738.81	--	--	733.51	--	--	--	--	--	--	--	--	--	--
853D	852HN+60.88	1.0' LT	739.06	--	--	733.55	--	--	--	--	--	--	--	--	--	--
853E	852HN+60.88	31.0' RT	738.45	--	--	733.70	--	--	--	--	--	--	--	--	--	--
856E	855HS+61.28	11.0' RT	738.65	--	--	732.21	--	--	--	--	--	--	--	--	--	--
856C	855HN+60.79	26.0' RT	738.65	--	--	732.32	--	--	--	--	--	--	--	--	--	--
856D	855HN+39.42	55.2' RT	738.77	--	--	732.44	--	--	--	--	--	--	--	--	--	--
856B	855HN+60.53	1.0' LT	735.92	--	--	732.61	--	--	--	--	--	--	--	--	--	--
858B	857HN+99.21	10.5' LT	0.00	--	--	733.07	--	--	--	--	--	--	--	--	--	--
858C	857HN+99.13	1.5' LT	737.18	--	--	733.10	--	--	--	--	--	--	--	--	--	--
858D	857HN+98.81	35.7' RT	736.50	--	--	733.26	--	--	--	--	--	--	--	--	--	--
859	858HS+54.41	1.0' RT	736.78	--	--	733.21	--	--	--	--	--	--	--	--	--	--
859A	858HS+54.10	11.0' RT	736.63	--	--	733.25	--	--	--	--	--	--	--	--	--	--
860A	860HS+00.43	11.0' RT	735.63	--	--	730.60	--	--	--	--	--	--	--	--	--	--
860B	859HN+99.82	1.0' LT	735.96	--	--	730.71	--	--	--	--	--	--	--	--	--	--
860C	859HN+98.99	25.0' RT	735.49	--	--	730.83	--	--	--	--	--	--	--	--	--	--
862B	861HN+75.65	1.0' LT	734.91	--	--	729.82	--	--	--	--	--	--	--	--	--	--
862C	861HN+72.89	25.0' RT	734.43	--	--	729.94	--	--	--	--	--	--	--	--	--	--
157	157BRW+10.32	37.5' LT	735.50	--	--	724.00	--	--	--	1	--	--	--	--	--	--
157A	157BRW+11.35	1.0' RT	735.29	--	--	730.18	--	--	--	--	--	--	--	--	--	--
157B	157BRW+11.37	10.0' RT	735.08	--	--	730.22	--	--	--	--	--	--	--	--	--	--
157C	157BRE+11.93	11.0' LT	734.79	--	--	730.28	--	--	--	--	--	--	--	--	--	--
157D	157BRE+12.24	1.0' LT	735.09	--	--	730.32	--	--	--	--	--	--	--	--	--	--
157E	157BRE+13.06	40.6' RT	735.45	--	--	730.52	--	--	--	--	--	--	--	--	--	--
159	158BRW+85.71	29.5' LT	731.87	--	--	721.00	--	--	--	1	--	--	--	--	--	--
159A	158BRW+86.34	6.4' RT	731.35	--	--	726.66	--	--	--	--	--	--	--	--	--	--
159B	158BRE+87.54	1.0' LT	731.41	--	--	726.79	--	--	--	--	--	--	--	--	--	--
159C	158BRE+88.47	37.0' RT	731.62	--	--	726.97	--	--	--	--	--	--	--	--	--	--
160	159BRW+90.70	25.5' LT	729.58	--	--	720.76	--	--	--	1	--	--	--	--	--	--
EW7	160BRW+10.18	22.8' LT	735.29	--	--	--	--	--	--	--	--	--	--	--	--	--
CTH H STAGE 4 SUBTOTALS							6	1	--	--	3	--	6	--	--	--
CTH H TOTALS							28	40	6	2	3	1	46	3	5	

CONNECT DRAIN TILE

	SPV.0060.013 CONNECT DRAIN TILE	608.0312 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 12-INCH	612.0212 PIPE UNDERDRAIN UNPERFORATED 12-INCH
LOCATION	EACH	LF	LF
UNDISTRIBUTED	10	200	1,500
TOTALS	10	200	1,500

NOTE: ADDITIONAL STORM SEWER QUANTITY SHOWN ELSEWHERE IN THE PLANS

ABANDONING CULVERT PIPES

	204.0270 ABANDONING CULVERT PIPES				
STAGE	ROADWAY	STATION	OFFSET	EACH	NOTES
3	CTH H	802HN+84	LT/RT	1	18-INCH
TOTAL				1	

CURB & GUTTER ITEMS

ROADWAY	STATION	-	STATION	OFFSET	601.0409	601.0555	620.0300	620.0300
					CONCRETE	CONCRETE	CONCRETE MEDIAN	CONCRETE MEDIAN
					CURB AND GUTTER	CURB AND GUTTER	SLOPED	SLOPED
					30-INCH TYPE A*	6-INCH SLOPED 36-INCH TYPE A*	NOSE* (TYPE 1)	NOSE* (TYPE 2)
					LF	LF	SF	SF
	835+20	-	842+81	RT	762	--	--	--
	843+35	-	843+52	LT	58	--	--	--
			843+55	LT	--	--	--	26
	843+55	-	843+56	LT	37	--	--	--
			844+23	LT	--	--	--	26
	844+23	-	844+68	LT	91	--	--	--
	844+26	-	844+67	LT	41	--	--	--
	844+64	-	855+21	LT	1,065	--	--	--
			844+72	LT	--	--	62	--
	848+47	-	855+70	RT	723	--	--	--
	858+00	-	862+04	LT	404	--	--	--

BRAUN RD EB	149+84	-	154+35	RT	453	--	--	--
	149+84	-	154+49	RT	491	--	--	--
			151+95	RT	--	--	84	--
	151+99	-	154+61	LT	--	262	--	--
	151+99	-	154+61	LT	--	262	--	--
			153+83	RT	--	--	66	--
	153+87	-	154+63	RT	99	--	--	--
	153+87	-	154+59	RT	73	--	--	--
			154+62	RT	--	--	--	25
			154+63	LT	--	--	--	36

STAGE 2 SUBTOTAL					12,169	3,298	641	165

STAGE 3								
	449+50	-	450+30	RT	--	96	--	--
	449+50	-	450+04	MED	--	54	--	--
	449+50	-	450+21	MED	--	54	--	--
	449+50	-	450+21	LT	--	94	--	--
	450+04	-	450+11	MED	--	--	56	--

CTH H SB	806+04	-	810+00	LT	398	--	--	--

BRAUN RD WB	149+84	-	154+35	RT	451	--	56	--
	149+84	-	154+43	LT	520	--	--	--
	154+36	-	154+57	LT	83	--	--	--
			154+38	RT	--	--	84	--
			154+56	LT	--	--	67	--
	154+57	-	154+60	LT	58	--	--	--
			154+60	LT	--	--	--	26

STAGE 3 SUBTOTAL					1,511	298	263	26

CURB & GUTTER ITEMS

ROADWAY	STATION	-	STATION	OFFSET	601.0409	601.0555	620.0300	620.0300
					CONCRETE	CONCRETE	CONCRETE MEDIAN	CONCRETE MEDIAN
					CURB AND GUTTER	CURB AND GUTTER	SLOPED	SLOPED
					30-INCH TYPE A*	6-INCH SLOPED 36-INCH TYPE A*	NOSE* (TYPE 1)	NOSE* (TYPE 2)
LF	LF	SF	SF					
STAGE 4								
CTH KR EB	447+00	-	449+50	MED	--	250	--	--
	447+00	-	449+50	RT	--	250	--	--
CTH H NB	806+00	-	818+89	RT	1,295	--	--	--
	806+00	-	809+95	LT	397	--	--	--
	806+00	-	818+70	LT	1,271	--	--	--
			816+69	LT	--	--	84	--
	816+73	-	819+24	LT	--	251	--	--
	816+73	-	819+24	LT	--	251	--	--
			818+73	LT	--	--	84	--
			818+85	RT	--	--	62	--
	818+88	-	819+28	RT	78	--	--	--
	818+89	-	819+24	RT	36	--	--	--
			819+25	LT	--	--	--	36
			819+27	RT	--	--	--	26
			819+75	LT	--	--	--	36
	819+76	-	831+39	RT	1,194	--	--	--
	819+77	-	822+19	LT	--	252	--	--
	819+77	-	822+29	LT	--	252	--	--
			820+23	LT	--	--	84	--
	820+26	-	824+43	LT	418	--	--	--
	820+26	-	830+93	LT	1,067	--	--	--
			822+32	LT	--	--	84	--
	830+51	-	830+93	LT	44	--	--	--
			830+97	LT	--	--	152	--
			831+62	LT	--	--	--	36
	831+64	-	832+82	LT	--	117	--	--
	831+64	-	832+82	LT	--	117	--	--
	831+73	-	843+10	RT	1,161	--	--	--
			832+01	LT	--	--	84	--
	832+04	-	835+19	LT	316	--	--	--
	832+04	-	842+81	LT	1,078	--	--	--
			832+85	LT	--	--	84	--
			840+47	LT	--	--	84	--
	840+51	-	843+30	LT	--	280	--	--
	840+51	-	843+30	LT	--	280	--	--
			842+84	LT	--	--	84	--
			843+07	RT	--	--	62	--
	843+10	-	843+49	RT	39	--	--	--
	843+10	-	843+52	RT	86	--	--	--
			843+32	LT	--	--	--	36
			843+52	RT	--	--	--	26
	843+95	-	843+95	RT	32	--	--	--
	843+95	-	843+95	RT	32	--	--	--
			843+99	RT	--	--	--	36
			844+20	RT	--	--	--	26
	844+20	-	844+20	RT	28	--	--	--

3

3

3

3

CURB & GUTTER ITEMS

ROADWAY	STATION	-	STATION	OFFSET	601.0409	601.0555	620.0300	620.0300
					CONCRETE	CONCRETE	CONCRETE MEDIAN	CONCRETE MEDIAN
					CURB AND GUTTER	CURB AND GUTTER	SLOPED	SLOPED
					30-INCH TYPE A*	36-INCH TYPE A*	NOSE* (TYPE 1)	NOSE* (TYPE 2)
	LF	LF	SF	SF				
	844+23	-	844+39	RT	47	--	--	--
			844+25	LT	--	--	--	36
	844+27	-	846+31	LT	--	205	--	--
	844+27	-	846+31	LT	--	205	--	--
	844+51	-	849+52	RT	531	--	--	--
			844+91	LT	--	--	84	--
	844+94	-	848+46	LT	353	--	--	--
	844+94	-	855+69	LT	1,076	--	--	--
			846+35	LT	--	--	84	--
	849+88	-	855+27	RT	553	--	--	--
			851+64	LT	--	--	84	--
	851+67	-	855+94	LT	--	427	--	--
	851+67	-	855+94	LT	--	427	--	--
			855+29	RT	--	--	67	--
	855+32	-	855+91	RT	58	--	--	--
	855+32	-	855+94	RT	83	--	--	--
			855+73	LT	--	--	84	--
			855+94	RT	--	--	--	26
			855+95	LT	--	--	--	36
			856+83	LT	--	--	--	36
	856+85	-	858+60	LT	--	175	--	--
	856+85	-	858+60	LT	--	175	--	--
			857+11	LT	--	--	84	--
	857+14	-	862+03	LT	491	--	--	--
	857+14	-	862+03	LT	489	--	--	--
	857+54	-	862+03	RT	450	--	--	--
			858+63	LT	--	--	84	--
BRAUN RD EB			155+73	LT	--	--	84	--
	155+76	-	160+00	LT	424	--	--	--
	155+77	-	160+00	RT	443	--	--	--
BRAUN RD WB			155+48	LT	95	--	--	--
			155+49	LT	--	--	--	25
			155+49	RT	--	--	--	36
	155+50	-	157+17	RT	--	167	--	--
	155+50	-	157+17	RT	--	167	--	--
	155+52	-	156+22	LT	70	--	--	--
	155+61	-	163+52	LT	465	--	--	--
	155+76	-	163+30	RT	426	--	--	--
			156+25	RT	--	--	66	--
			157+21	RT	--	--	84	--
STAGE 4 SUBTOTAL					14,625	4,249	1,752	453
PROJECT 3760-00-70 TOTALS					28,305	7,845	2,656	645

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE.

CONCRETE SIDEWALK

ROADWAY	STATION	-	STATION	OFFSET	602.0410	602.0505	602.0605	
					CONCRETE SIDEWALK 5-INCH* SF	CURB RAMP DETECTABLE WARNING FIELD YELLOW* SF	CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW* SF	
STAGE 2								
CTH KR	450+60			RT	--	20	--	
	450+65			RT	--	20	--	
	450+74			LT	--	20	--	
	450+78			LT	--	20	--	
	451+20			LT	--	--	25	
	451+27			RT	--	--	23	
	451+28	-	454+09			1,680	--	
	451+40					471	--	
	451+40					617	--	
	451+44			RT	--	20	--	
	451+44			RT	--	20	--	
	451+44			LT	--	20	--	
	451+44			LT	--	20	--	
	451+69	-	454+17			1,467	--	
	CTH H NB	800HN+31	-	803HN+10		1,944	--	--
		804HN+68	-	805HN+08		263	--	--
		805+07	-	806+00	RT	651	--	--
CTH H SB	818+87	-	819+08	LT	174	--	--	
	819+01			LT	--	20	--	
	819+18	-	819+34	LT	208	--	--	
	819+25			LT	--	20	--	
	819+32			LT	--	20	--	
	819+81	-	820+20	LT	658	--	--	
	819+82			LT	--	20	--	
	819+95			LT	--	20	--	
	843+00	-	843+21	LT	176	--	--	
	843+15			LT	--	20	--	
	843+35	-	843+55	LT	591	--	--	
	843+41			LT	--	20	--	
	843+54			LT	--	20	--	
	844+23	-	844+67	LT	848	--	--	
	844+24			LT	--	20	--	
844+38			LT	--	20	--		
BRAUN RD EB	151+99	-	154+61	LT	1,573	--	--	
	153+87	-	154+62	RT	1,034	--	--	
	154+20	-	154+38	RT	175	--	--	
	154+33			RT	--	20	--	
	154+47			RT	--	20	--	
	154+48			RT	--	20	--	
	154+48			LT	--	20	--	
	154+48			LT	--	20	--	
	154+61			RT	--	20	--	
STAGE 2 SUBTOTALS					12,528	480	48	

CONCRETE SIDEWALK

ROADWAY	STATION	-	STATION	OFFSET	602.0410	602.0505	602.0605
					CONCRETE SIDEWALK 5-INCH*	CURB RAMP DETECTABLE WARNING FIELD YELLOW*	CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW*
					SF	SF	SF
STAGE 3							
CTH KR	449+87	-	450+20		767	--	--
	449+87	-	450+22		406	--	--
			449+94	LT	--	20	--
			449+94	LT	--	20	--
			449+94	RT	--	20	--
			449+94	RT	--	20	--
			450+15	RT	--	--	30
			450+15	LT	--	20	--
<hr style="border-top: 1px dashed black;"/>							
BRAUN RD WB	151+36	-	154+35	RT	2,210	--	--
	153+93	-	154+14	LT	187	--	--
			154+07	LT	--	20	--
	154+37	-	154+60	LT	830	--	--
			154+42	LT	--	20	--
			154+48	LT	--	20	--
			154+58	LT	--	20	--
STAGE 3 SUBTOTALS					4,400	180	30
<hr/>							
STAGE 4							
CTH KR EB	447+00	-	450+04		1,816	--	--
<hr style="border-top: 1px dashed black;"/>							
CTH H NB	806+00	-	807+97	LT	1,781	--	--
	816+08	-	818+70	LT	1,933	--	--
	816+73	-	819+24	LT	1,508	--	--
	818+89	-	819+27	RT	658	--	--
	819+77	-	822+29	LT	1,514	--	--
	820+26	-	822+92	LT	1,956	--	--
	831+64	-	832+82	LT	703	--	--
	832+04	-	833+55	LT	1,193	--	--
	839+87	-	842+81	LT	2,156	--	--
	840+51	-	843+30	LT	1,677	--	--
	843+10	-	843+52	RT	768	--	--
	843+96	-	844+02	RT	190	--	--
	844+20	-	844+38	RT	437	--	--
	844+27	-	846+31	LT	1,433	--	--
	844+94	-	846+94	LT	1,499	--	--
	851+04	-	855+69	LT	3,356	--	--
	851+67	-	855+94	LT	2,561	--	--
	855+32	-	855+94	RT	829	--	--

CONCRETE SIDEWALK

ROADWAY	STATION	-	STATION	OFFSET	602.0410	602.0505	602.0605
					CONCRETE	CURB RAMP	CURB RAMP
					SIDEWALK	DETECTABLE WARNING FIELD	DETECTABLE WARNING FIELD
					5-INCH*	YELLOW*	RADIAL YELLOW*
					SF	SF	SF
	855+80			RT	--	20	--
	855+82			RT	--	20	--
	855+82			LT	--	20	--
	855+82			LT	--	20	--
	855+92			RT	--	20	--
	856+85	-	858+60	LT	1,051	--	--
	857+14	-	859+24	LT	1,575	--	--
BRAUN RD EB	155+96	-	156+18	RT	183	--	--
			156+02	RT	--	20	--
BRAUN RD WB	155+49	-	156+22	LT	943	--	--
	155+50	-	157+17	RT	1,004	--	--
			155+50	LT	--	20	--
			155+63	LT	--	20	--
			155+63	RT	--	20	--
			155+63	RT	--	20	--
			155+66	LT	--	20	--
	155+76	-	157+80	RT	1,529	--	--
STAGE 4 SUBTOTALS					34,253	220	--
PROJECT 3760-00-70 TOTALS					51,182	880	78

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

			RIPRAP		
			606.0200	645.0120	645.0130
			GEOTEXTILE		
			RIPRAP	FABRIC	GEOTEXTILE FABRIC
			MEDIUM*	TYPE HR*	TYPE R
ROADWAY	STATION	OFFSET	CY	SY	SY
STAGE 2					
CTH-H	806HN+73	RT - POND	8	--	27
	806HN+84	RT - POND	6	--	21
	806HN+93	RT - POND	2	--	11
	807HN+41	RT - POND	3	--	13
CTH H	805HN+64	83.43' RT	1	4	--
	830HS+64	59.72'LT	1	4	--
	864HS+20	25.83'LT	1	4	--
STAGE 2 SUBTOTAL			23	12	72
STAGE 4					
CTH H	829HN+13	157.05'RT	7	22	--
STAGE 4 SUBTOTAL			7	22	--
UNDISTRIBUTED					
PROJECT 3760-00-70 TOTALS			30	34	72

FENCE SAFETY

		616.0700.S
		FENCE
		SAFETY
ROADWAY		LF
PROJECT 2704-09-70		
UNDISTRIBUTED		1,500
PROJECT 2704-09-70 TOTAL		1,500

MAINTENANCE AND REPAIR OF HAUL ROADS (3760-00-70)

		618.0100
		MAINTENANCE AND REPAIR
		OF HAUL ROADS
		3760-00-70
ROADWAY		EACH
PROJECT 3760-00-70		
		1
PROJECT 3760-00-70 TOTAL:		1

MOBILIZATION

ROADWAY	MOBILIZATION EACH
PROJECT 3760-00-70	1
PROJECT 3760-00-70 TOTAL:	1

619.1000

DUST CONTROL SURFACE TREATMENT

ROADWAY	SURFACE TREATMENT SY
PROJECT 3760-00-70	13,800
PROJECT 3760-00-70 TOTAL:	13,800

623.0200

DUST
CONTROL

WATER

ROADWAY	WATER MGAL
PROJECT 3760-00-70	2,795
PROJECT 3760-00-70 TOTAL:	2,795

624.0110*

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

RESTORATION ITEMS

SPV.0180.001 629.0205 630.0140 630.0200

ROADWAY	STATION	OFFSET	TOPSOIL	FERTILIZER	SEEDING	SEEDING
			SPECIAL	TYPE B	MIXTURE NO. 40	TEMPORARY
			SY	CWT	LB	LB
STAGE 1						
CTH H	796HN+00 -- 803HN+00	LT	1,091	--	--	29
	803HN+50 -- 810HN+50	LT	1,509	--	--	41
	803HN+50	RT	128	--	--	3
	802HN+25	LT	42	--	--	1
	808HN+25 -- 855HN+25	RT	18,280	12	329	329
	857HN+94 -- 867HN+32	RT	3,650	3	66	66
BRAUN	147BRW+30 -- 154BRW+85	LT	2,971	2	53	53
	148BRW+88 -- 154BRW+70	LT	2,058	2	37	37
	155BRE+37 -- 160BRE+00	RT	1,859	1	33	33
	155BRW+39 -- 160BRW+00	LT	1,859	1	33	33
STAGE 1 SUBTOTAL			33,447	20	551	626
STAGE 2						
CTH H	791HN+75 -- 802HN+72	RT	5,250	3	95	142
	804HN+07 -- 808HN+32	RT	9,917	6	179	268
CTH KR	447+00 -- 449+50	LT	1,283	1	23	35
	451+19 -- 461+75	RT	2,508	2	45	68
	451+55 -- 461+75	LT	4,083	3	74	110
	454+16 -- 458+40	RT	1,108	1	20	30
CTH H	804HN+99 -- 807HN+00	RT	396	--	7	7
	807HN+00 -- 808HN+26	RT	756	1	14	14
	810HS+00 -- 819HS+00	LT	749	1	13	13
	810HS+00 -- 819HS+05	LT	3,623	3	65	65
	819HS+01 -- 819HS+22	LT	21	--	--	--
	820HS+10 -- 843HS+15	LT	1,924	1	35	35
	820HS+22 -- 844HS+10	LT	11,190	7	201	201
	843HS+13 -- 843HS+27	LT	16	--	--	--
	844HS+63 -- 855HS+47	LT	907	1	16	16
	844HS+77 -- 855HS+19	LT	3,096	2	56	56
	858HS+00 -- 866HS+49	LT/RT	2,043	2	37	37
BRAUN	149BRE+84 -- 154BRE+30	RT	374	--	7	7
	149BRE+84 -- 154BRE+31	RT	2,487	2	45	45
STAGE 2 SUBTOTAL			51,732	33	931	1,148

RESTORATION ITEMS

SPV.0180.001 629.0205 630.0140 630.0200

ROADWAY	STATION	OFFSET	TOPSOIL	FERTILIZER	SEEDING	SEEDING
			SPECIAL	TYPE B	MIXTURE NO. 40	TEMPORARY
			SY	CWT	LB	LB
STAGE 3						
CTH H	791HN+75 -- 802HN+95	RT	5,075	3.20	91	137
	805HS+02 -- 810HS+00	LT	1,305	1.00	23	23
	806HS+04 -- 810HS+00	LT	332	.25	6	6
BRAUN	149BRW+84 -- 151BRW+36	RT	363	.25	7	7
	149BRW+84 -- 154BRW+04	RT	348	.25	6	6
	149BRW+84 -- 154BRW+25	RT	892	.75	16	16
	154BRW+07 -- 154BRW+43	RT	348	.25	6	6
STAGE 3 SUBTOTAL			8,663	6	155	201
STAGE 4						
CTH KR	447+00 -- 449+80	RT	1,400	.9	25	38
CTH H	806HN+00 -- 818HN+91	LT	4,943	3.25	89	89
	807HN+97 -- 816HN+08	LT	2,391	1.75	43	43
	819HN+73 -- 831HN+73	LT	5,746	3.75	103	103
	822HN+92 -- 830HN+93	LT	2,579	1.75	46	46
	831HN+71 -- 843HN+22	LT	4,416	3.00	79	79
	833HN+49 -- 839HN+88	LT	1,860	1.25	33	33
	844HN+52 -- 849HN+56	LT	2,551	1.75	46	46
	846HN+94 -- 851HN+04	LT	1,091	.75	20	20
	849HN+85 -- 855HN+18	LT	2,628	1.75	47	47
	857HN+50 -- 864HN+50	LT	2,154	1.50	39	39
	859HN+24 -- 862HN+03	LT	2391	1.75	43	43
BRAUN	157BRW+80 -- 160BRW+00	LT	596	.50	11	11
STAGE 4 SUBTOTAL			34,746	24	624	637
UNDISTRIBUTED			32,147	21	565	653
PROJECT 3760-00-70 TOTALS			160,735	104	2,826	3,265

EROSION CONTROL

ROADWAY	STATION	OFFSET	628.1104	628.1905	628.1910	628.2006	628.651	628.7504	628.7555	
			EROSION	MOBILIZATIONS	MOBILIZATIONS	EROSION MAT	SOIL	TEMPORARY	CULVERT	
			BALES	EROSION	EROSION	CLASS I	STABILIZER	DITCH	PIPE	
			EACH	EACH	EACH	SY	ACRE	LF	EACH	
STAGE 1										
CTH H	796HN+00 -- 803HN+00	LT	--	--	--	1,091	--	--	--	
	792HN+80	LT	--	--	--	--	--	--	2	
	802HN+88	LT	--	--	--	--	--	--	2	
	803HN+50 -- 810HN+50	LT	--	--	--	1,509	--	--	--	
	803HN+50	RT	--	--	--	128	--	--	4	
	803HN+76	LT	--	--	--	--	--	--	2	
	802HN+25	LT	--	--	--	42	--	--	2	
	808HN+25 -- 855HN+25	RT	--	--	--	18,280	--	--	--	
	821HN+42 -- 822HN+02	RT	24	--	--	--	--	--	--	
	829HN+35 -- 829HN+94	RT	24	--	--	--	--	--	--	
	857HN+94 -- 867HN+32	RT	--	--	--	3,650	--	--	--	
	865HN+01 -- 866HN+43	RT	56	--	--	--	--	--	--	
	BRAUN	147BRW+30 -- 154BRW+85	LT	--	--	--	2,971	--	--	--
148BRW+88 -- 154BRW+70		LT	--	--	--	1,724	--	--	--	
155BRE+37 -- 160BRE+00		RT	--	--	--	1,859	--	--	--	
155BRW+39 -- 160BRW+00		LT	--	--	--	1,859	--	--	--	
STAGE 1 SUBTOTAL			104	--	--	33,113	--	--	12	
STAGE 2										
CTH H	806+00	RT	--	--	--	--	0.6	--	--	
	791HN+75 -- 802HN+72	RT	--	--	--	5,250	--	--	--	
	804HN+07 -- 808HN+32	RT	--	--	--	9,917	--	--	--	
CTH KR	447+00 -- 449+50	LT	--	--	--	1,283	--	--	--	
	451+19 -- 461+75	RT	--	--	--	2,508	--	--	--	
	451+55 -- 461+75	LT	--	--	--	4,083	--	--	--	
	454+16 -- 458+40	RT	--	--	--	1,108	--	--	--	
CTH H	804HN+99 -- 807HN+00	RT	--	--	--	396	--	--	--	
	807HN+00 -- 808HN+26	RT	--	--	--	756	--	--	--	
	810HS+00 -- 819HS+00	LT	--	--	--	749	--	--	--	
	810HS+00 -- 819HS+05	LT	--	--	--	3,623	--	--	--	
	810HS+56	77.6' LT	--	--	--	--	0	8	--	
	818HS+53 -- 818HS+93	LT	16	--	--	--	--	--	--	
	819HS+01 -- 819HS+22	LT	--	--	--	21	--	--	--	
	820HS+10 -- 843HS+15	LT	--	--	--	1,924	--	--	--	
	820HS+22 -- 844HS+10	LT	--	--	--	11,190	--	--	--	
	830HS+28	82.2' LT	--	--	--	--	--	8	--	
	831HS+54	79.1' LT	--	--	--	--	--	8	--	
	835HS+19	73.2' LT	--	--	--	--	--	8	--	
	837HS+16	74.7' LT	--	--	--	--	--	8	--	
839HS+11	76.3' LT	--	--	--	--	--	8	--		
841HS+08	79.1' LT	--	--	--	--	--	8	--		

EROSION CONTROL									
			628.1104	628.1905	628.1910	628.2006	628.651	628.7504	628.7555
			MOBILIZATIONS		MOBILIZATIONS	EROSION MAT	SOIL	TEMPORARY	CULVERT
			EROSION	EROSION	EROSION	URBAN	STABILIZER	DITCH	PIPE
			BALES	CONTROL	CONTROL	CLASS I	TYPE B	CHECKS	CHECKS
ROADWAY	STATION	OFFSET	EACH	EACH	EACH	SY	ACRE	LF	EACH
	842HS+94	84.6' LT	--	--	--	--	--	8	--
	843HS+13 -- 843HS+27	LT	--	--	--	16	--	--	--
	844HS+63 -- 855HS+47	LT	--	--	--	907	--	--	--
	844HS+77 -- 855HS+19	LT	--	--	--	3,096	--	--	--
	857HS+99	78.2' LT	--	--	--	--	--	8	--
	858HS+00 -- 866HS+49	LT	--	--	--	2,043	--	--	--
	859HS+94	77.0' LT	--	--	--	--	--	8	--
	861HS+71	68.61' LT	--	--	--	--	--	8	--
	865HS+36 -- 866HS+57	LT	48	--	--	--	--	--	--
BRAUN	149BRE+84 -- 154BRE+21	RT	--	--	--	3,343	--	--	--
STAGE 2 SUBTOTAL			64	--	--	52,214	1	88	--
STAGE 3									
CTH H	791HN+75 -- 802HN+95		--	--	--	5,075	--	--	--
	805HS+02 -- 810HS+00	LT	--	--	--	1,305	--	--	--
	805HS+04	85.8' LT	--	--	--	--	--	8	--
	805HS+38	66.8' LT	--	--	--	--	--	--	1
	806HS+04 -- 810HS+00	LT	--	--	--	332	--	--	--
	806HS+56	82.2' LT	--	--	--	--	--	8	--
	807HS+33	64.4' LT	--	--	--	--	--	--	1
	808HS+54	77.4' LT	--	--	--	--	--	8	--
BRAUN	149BRW+84 -- 154BRW+04	LT	--	--	--	348	--	--	--
	149BRW+84 -- 159BRW+25	LT	--	--	--	892	--	--	--
	152BRW+50	77.0' LT	--	--	--	--	--	8	--
	154BRW+07 -- 154BRW+43	LT	--	--	--	70	--	--	--
STAGE 3 SUBTOTAL			--	--	--	8,022	--	32	2
STAGE 4									
CTH H	447+00 -- 449+80	RT	--	--	--	1,400	--	--	--
	806HN+00 -- 818HN+91	RT	--	--	--	4,943	--	--	--
	819HN+73 -- 831HN+42	RT	--	--	--	5,746	--	--	--
	821HN+45 -- 821HN+86	RT	16	--	--	--	--	--	--
	829HN+33 -- 829HN+93	RT	24	--	--	--	--	--	--
	831HN+71 -- 843HN+22	RT	--	--	--	4,416	--	--	--
	844HN+52 -- 849HN+56	RT	--	--	--	2,551	--	--	--
	849HN+85 -- 855HN+18	RT	--	--	--	2,628	--	--	--
	857HN+50 -- 864HN+50	RT	--	--	--	2,154	--	--	--
STAGE 4 SUBTOTAL			40	--	--	23,838	--	--	--
UNDISTRIBUTED			52	10	6	29,297		30	4
PROJECT 3760-00-70 TOTALS			260	10	6	146,484	1	150	18

SILT FENCE

628.1504 628.1520 SPV.0090.001
 SILT FENCE* SILT FENCE HEAVY DUTY
 MAINTENANCE* SILT FENCE

ROADWAY	STATION	OFFSET	SILT FENCE* LF	MAINTENANCE* LF	SILT FENCE LF
STAGE 1					
CTH KR	447+00 -- 449+70		282	282	--
CTH H	790HN+50 -- 802HN+79	RT	1238	1,238	--
	791HN+75 -- 802HN+73	LT	1347	1,347	--
	808HN+25 -- 821HN+48	RT	1,322	1,322	--
	821HN+48 -- 822HN+03	RT	--	--	55
	822HN+03 -- 829HN+36	RT	736	736	--
	829HN+36 -- 829HN+89	RT	--	--	53
	829HN+89 -- 855HN+25	RT	2,540	2,540	--
	857HN+94 -- 865HN+00	RT	715	715	--
	865HN+00 -- 866HN+43	RT	--	--	136
	866HN+43 -- 867HN+32	RT	88	88	--
BRAUN	147BRW+30 -- 154BRW+51	LT	742	742	--
	155BRE+78 -- 160BRE+00	RT	442	442	--
	155BRW+79 -- 160BRW+00	LT	444	444	--
STAGE 1 SUBTOTAL			9,895	9,895	243
STAGE 2					
CTH KR	451+19 -- 461+75	RT	1,112	1,112	--
	451+55 -- 461+75	LT	1,362	1,362	--
CTH H	805HN+00 -- 808HN+27	RT	331	331	--
	810HS+00 -- 818HS+63	LT	865	865	--
	818HS+63 -- 818HS+86	LT	--	--	23
	818HS+86 -- 819HS+25	LT	39	39	--
	820HS+07 -- 843HS+28	LT	2,388	2,388	--
	844HS+57 -- 854HS+96	LT	1,073	1,073	--
	858HS+01 -- 865HS+36	LT	740	740	--
	865HS+36 -- 866HS+50	LT	--	--	13
BRAUN	149BRE+84 -- 153BRE+74	LT	425	425	--
STAGE 2 SUBTOTAL			8,336	8,336	36
STAGE 3					
CTH H	805HS+00 -- 810HS+00	LT	511	511	--
	858HS+01 -- 865HS+36	LT	740	740	--
BRAUN	149BRW+84 -- 153BRW+98	LT	457	457	--
STAGE 3 SUBTOTAL			1,708	1,708	--
STAGE 4					
CTH H	806HN+00 -- 818HN+95	RT	1,295	1,295	--
	819HN+72 -- 821HN+46	RT	177	177	--
	821HN+46 -- 821HN+91	RT	--	--	45
	821HN+91 -- 829HN+38	RT	753	753	--
	829HN+38 -- 829HN+92	RT	--	--	55
	829HN+92 -- 831HN+42	RT	161	161	--
	831HN+71 -- 843HN+25	RT	1,170	1,170	--
	844HN+51 -- 849HN+56	RT	518	518	--
	849HN+85 -- 855HN+18	RT	519	519	--
	857HN+50 -- 864HN+55	RT	720	720	--
STAGE 4 SUBTOTAL			5,313	5,313	100
UNDISTRIBUTED			6,313	6,313	95
PROJECT 3760-00-70 TOTALS			31,565	31,565	475

INLET PROTECTION

STAGE	STATION	OFFSET	628.7005	628.7020
			INLET PROTECTION	
			TYPE A	TYPE D
			EACH	EACH
STAGE 2				
CTH KR	447+00 - 450+00		3	3
	451+00 - 461+00		26	26
CTH-H	796HN+51 - 805HN+07		20	20
	805HN+29	7.0' LT	1	1
	805HN+29	30.9' RT	1	1
	805HN+55	5.0' LT	1	1
	805HN+55	30.8' RT	1	1
	805HS+32	43.2' LT	1	1
	805HS+32	7.2' RT	1	1
	805HS+57	42.9' LT	1	1
	805HS+58	7.0' RT	1	1
	805HS+88	42.7' LT	1	1
	809HS+94	7.0' RT	1	1
	809HS+95	43.6' LT	1	1
	810HS+86	43.7' LT	1	1
	813HS+94	30.7' LT	1	1
	813HS+95	6.8' RT	1	1
	815HS+94	30.7' LT	1	1
	815HS+94	6.8' RT	1	1
	817HS+95	34.5' LT	1	1
	817HS+96	7.0' RT	1	1
	818HS+15	36.7' LT	1	1
	818HS+17	7.2' RT	1	1
	818HS+37	39.2' LT	1	1
	819HS+84	31.3' LT	1	1
	820HS+33	54.9' LT	1	1
	822HS+04	42.9' LT	1	1
	824HS+18	31.2' LT	1	1
	825HS+94	30.9' LT	1	1
	825HS+94	5.0' LT	1	1
	828HS+97	30.4' LT	1	1
	828HS+98	5.7' LT	1	1
	830HS+04	30.5' LT	1	1
	830HS+29	7.5' RT	1	1
	830HS+29	31.0' LT	1	1
	830HS+54	31.0' LT	1	1
	831HS+77	31.3' LT	1	1
	832HS+94	30.9' LT	1	1
	834HS+93	31.4' LT	1	1
	836HS+94	31.4' LT	1	1
	836HS+95	6.6' RT	1	1
	839HS+14	31.4' LT	1	1

INLET PROTECTION

STAGE	STATION	OFFSET	628.7005	628.7020
			INLET PROTECTION	
			TYPE A	TYPE D
			EACH	EACH
	839HS+14	6.6' RT	1	1
	841HS+41	30.9' LT	1	1
	841HS+41	7.1' RT	1	1
	843HS+36	31.6' LT	1	1
	844HS+16	65.3' LT	1	1
	844HS+26	31.7' LT	1	1
	844HS+79	60.8' LT	1	1
	845HS+38	43.4' LT	1	1
	846HS+07	43.4' LT	1	1
	846HS+58	43.4' LT	1	1
	847HS+94	43.4' LT	1	1
	849HS+94	33.0' LT	1	1
	849HS+94	6.6' RT	1	1
	852HS+55	31.4' LT	1	1
	852HS+56	6.6' RT	1	1
	855HS+55	7.1' RT	1	1
	857HS+94	45.0' LT	1	1
	859HS+94	43.2' LT	1	1
	861HS+68	35.1' LT	1	1
BRAUN	150BRE+21	43.4' RT	1	1
	150BRE+21	12.5' LT	1	1
	151BRE+94	43.5' RT	1	1
	151BRE+94	7.1' LT	1	1
	151BRE+94	31.1' LT	1	1
	153BRE+21	44.9' RT	1	1
	153BRE+23	31.0' LT	1	1
	153BRE+24	7.1' LT	1	1
	153BRE+44	49.2' RT	1	1
	153BRE+44	7.0' LT	1	1
	153BRE+44	31.1' LT	1	1
	154BRE+10	65.0' RT	1	1
STAGE 2 SUBTOTAL			119	119
STAGE 3				
CTH KR	447+00 - 450+00		3	3
CTH H	808HS+00	43.1' LT	1	1
BRAUN	150BRW+21	6.9' RT	1	1
	150BRW+21	43.1' LT	1	1
	151BRW+92	43.1' LT	1	1
	151BRW+93	6.9' RT	1	1
	153BRW+23	6.6' RT	1	1
	153BRW+43	6.3' RT	1	1
	153BRW+43	52.8' LT	1	1
	154BRW+80	53.8' LT	1	1
STAGE 3 SUBTOTAL			12	12

INLET PROTECTION

STAGE	STATION	OFFSET	628.7005	628.7020
			INLET	INLET
			PROTECTION	PROTECTION
			TYPE A	TYPE D
			EACH	EACH
STAGE 4				
CTH KR	447+00 - 450+00		6	6
CTH H	807HN+94	6.8' LT	1	1
	807HN+95	21.9' LT	1	1
	807HN+97	30.8' RT	1	1
	809HN+89	31.3' RT	1	1
	809HN+89	6.8' LT	1	1
	809HN+89	40.1' LT	1	1
	813HN+89	31.4' RT	1	1
	813HN+89	6.6' LT	1	1
	815HN+87	23.4' LT	1	1
	815HN+88	38.2' RT	1	1
	816HN+93	30.9' LT	1	1
	817HN+91	43.2' RT	1	1
	817HN+91	6.6' LT	1	1
	817HN+91	16.9' LT	1	1
	818HN+11	30.8' LT	1	1
	818HN+11	16.9' LT	1	1
	818HN+23	42.6' RT	1	1
	818HN+24	6.9' LT	1	1
	818HN+39	44.7' RT	1	1
	818HN+87	33.3' RT	1	1
	819HN+23	39.6' RT	1	1
	819HN+79	30.7' LT	1	1
	819HN+79	40.6' LT	1	1
	820HN+28	41.7' RT	1	1
	820HN+28	41.0' LT	1	1
	820HN+29	17.0' LT	1	1
	820HN+29	7.0' LT	1	1
	821HN+99	16.5' LT	1	1
	821HN+99	7.0' LT	1	1
	821HN+99	31.0' RT	1	1
	822HN+00	41.0' LT	1	1
	824HN+12	37.2' LT	1	1
	824HN+13	6.8' LT	1	1
	824HN+13	31.5' RT	1	1
	825HN+89	7.0' LT	1	1
	825HN+89	31.5' RT	1	1
	828HN+94	7.1' LT	1	1
	828HN+94	30.9' RT	1	1
	830HN+02	31.3' RT	1	1
	830HN+26	31.2' RT	1	1
	830HN+27	8.7' LT	1	1
	830HN+51	6.8' LT	1	1
	830HN+52	31.1' RT	1	1
	830HN+52	40.0' LT	1	1
	830HN+93	16.4' LT	1	1
	831HN+75	40.2' LT	1	1
	831HN+76	31.2' LT	1	1
	832HN+06	7.2' LT	1	1
	832HN+06	16.3' LT	1	1

INLET PROTECTION

STAGE	STATION	OFFSET	628.7005	628.7020
			INLET	INLET
			PROTECTION	PROTECTION
			TYPE A	TYPE D
			EACH	EACH
	832HN+08	38.7' RT	1	1
	832HN+93	16.8' LT	1	1
	832HN+93	6.8' LT	1	1
	832HN+93	32.7' RT	1	1
	834HN+92	38.5' LT	1	1
	834HN+93	7.8' LT	1	1
	834HN+94	30.7' RT	1	1
	836HN+94	7.8' LT	1	1
	836HN+95	30.7' RT	1	1
	839HN+12	16.6' LT	1	1
	839HN+14	31.9' RT	1	1
	841HN+39	7.8' LT	1	1
	841HN+41	31.8' LT	1	1
	841HN+41	42.8' RT	1	1
	843HN+46	63.8' RT	1	1
	844HN+25	31.1' LT	1	1
	844HN+26	40.8' LT	1	1
	844HN+74	41.3' LT	1	1
	844HN+92	7.2' LT	1	1
	844HN+93	17.2' LT	1	1
	844HN+93	39.7' RT	1	1
	845HN+21	37.0' RT	1	1
	846HN+06	16.3' LT	1	1
	846HN+06	7.3' LT	1	1
	846HN+07	41.3' LT	1	1
	846HN+07	30.7' RT	1	1
	847HN+93	34.5' LT	1	1
	847HN+93	30.8' RT	1	1
	847HN+94	7.2' LT	1	1
	849HN+91	47.8' RT	1	1
	849HN+92	12.1' LT	1	1
	852HN+54	36.2' RT	1	1
	852HN+54	31.8' LT	1	1
	852HN+54	16.8' LT	1	1

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INLET PROTECTION

STAGE	STATION	OFFSET	628.7005	628.7020
			INLET PROTECTION TYPE A EACH	INLET PROTECTION TYPE D EACH
	855HN+53	30.7' LT	1	1
	852HN+55	7.3' LT	1	1
	855HN+57	7.1' LT	1	1
	855HN+55	31.7' RT	1	1
	857HN+93	40.3' LT	1	1
	857HN+93	16.3' LT	1	1
	857HN+93	7.3' LT	1	1
	857HN+93	42.7' RT	1	1
	858HN+48	40.9' LT	1	1
	858HN+48	31.0' LT	1	1
	859HN+93	30.5' LT	1	1
	859HN+93	31.0' RT	1	1
	859HN+94	7.4' LT	1	1
	861HN+66	30.5' RT	1	1
	861HN+67	41.4' LT	1	1
	861HN+67	7.4' LT	1	1
BRAUN	155BRE+92	76.1' RT	1	1
	157BRW+03	42.6' LT	1	1
	157BRW+05	16.8' RT	1	1
	157BRW+05	6.2' RT	1	1
	157BRW+06	29.8' RT	1	1
	157BRE+06	7.2' LT	1	1
	157BRE+08	48.4' RT	1	1
	158BRW+79	35.3' LT	1	1
	158BRW+80	12.7' RT	1	1
	158BRE+81	7.1' LT	1	1
	158BRE+82	42.7' RT	1	1
STAGE 4 SUBTOTAL			116	116
PROJECT 3760-00-70 TOTALS			247	247

PERMANENT SIGNING

PERMANENT SIGNING (CONT)

SIGN NUMBER	SIGN CODE	SIGN MESSAGE	SIGN SIZE INCH X INCH		637.2210			STATION	LOCATION	637.2215		637.2230		634.0618		REMARKS	
					SIGN TYPE II		SIGN TYPE II			SIGN TYPE II		SIGN MOUNTED ON SAME		POSTS WOOD			
					REFLECTIVE H*	FOLDING	REFLECTIVE H			FOLDING	REFLECTIVE F*	POST AS	4X6-INCH X 18-FT*	EACH			
					SF	SF	SF			SIGN #							
CTH H	P000	W6-3	2 WAY TRAFFIC	36	X	36	9	--							1		
	P001	R5-1	DO NOT ENTER	30	X	30	6.25	--							1		
	P002	W6-2	MEDIAN/2 WAY TRAFFIC	36	X	36	--	--							1		
	P003	R5-1A	WRONG WAY	36	X	24	6	--					P003		--		
	P004	J1-1	SOUTH/CTH H	36	X	54	13.5	--					P002		1		
	P005	W4-2R	RIGHT LANE ENDS	36	X	36	9	--							1		
	P006	R2-1	SPEED LIMIT 35	24	X	30	5	--							1		
	P007	R5-1A	WRONG WAY	42	X	30	8.75	--							1		
	P008	R1-1F	FOLDING STOP	36	X	36	--	7.46					P009		--	MOUNTED ON SIGNAL EQUIPMENT	
	P009	R4-7	MEDIAN HAZARD	24	X	30	5	--					P008		--	MOUNTED ON SIGNAL EQUIPMENT	
	P010	R1-1F	FOLDING STOP	36	X	36	--	7.46					P011		--	MOUNTED ON SIGNAL EQUIPMENT	
	P011	R5-1	DO NOT ENTER	36	X	36	9	--					P010		--	MOUNTED ON SIGNAL EQUIPMENT	
	P012	R6-2L	ONE WAY W/ ARROW LEFT	24	X	30	5	--							--	MOUNTED ON SIGNAL EQUIPMENT	
	P013	M3-4	WEST	36	X	18	4.5	--							1		
	P014	M1-5A	CTH KR	36	X	36	9	--							1		
	P015	R6-2L	ONE WAY W/ ARROW LEFT	24	X	30	5	--							--	MOUNTED ON SIGNAL EQUIPMENT	
	P016	R1-1F	FOLDING STOP	36	X	36	--	7.46							--	MOUNTED ON SIGNAL EQUIPMENT	
	P017	R4-7	MEDIAN HAZARD	24	X	30	5	--					P018		--	MOUNTED ON SIGNAL EQUIPMENT	
	P018	R1-1F	FOLDING STOP	36	X	36	--	7.46					P017		--	MOUNTED ON SIGNAL EQUIPMENT	
	P019	R2-1	SPEED LIMIT 35	24	X	30	5	--							1		
	P020	W6-1	MEDIAN/2 WAY TRAFFIC	36	X	36	--	--							1		
	P021	W3-3	TRAFFIC SIGNAL AHEAD W/ FLAGS	36	X	36	--	--							1		
	P022	R4-7	MEDIAN HAZARD	24	X	30	5	--							1		
	P023	M2-1	JCT	21	X	15	2.1875	--							1		
	P024	M1-5A	CTH KR	24	X	24	4	--							1		
	P025	R3-20L	BEGIN LEFT TURN LANE	24	X	36	6	--							1		
	P026	M1-94H	105TH STREET	54	X	18	6.75	--							--	MOUNTED ON MAST ARM	
	P027	M1-94H	105TH STREET	54	X	18	6.75	--							--	MOUNTED ON MAST ARM	
	P028	R5-1A	WRONG WAY	36	X	24	6	--							1		
	P029	R1-1F	FOLDING STOP	36	X	36	--	7.46					P030		--	MOUNTED ON SIGNAL EQUIPMENT	
	P030	R4-7	MEDIAN HAZARD	24	X	30	5	--					P029		--	MOUNTED ON SIGNAL EQUIPMENT	
	P031	M1-94H	1ST STREET	48	X	18	6	--							--	MOUNTED ON MAST ARM	
	P032	M1-94H	1ST STREET	48	X	18	6	--							--	MOUNTED ON MAST ARM	
	P033	R1-1F	FOLDING STOP	36	X	36	--	7.46					P033		--	MOUNTED ON SIGNAL EQUIPMENT	
	P034	R5-1	DO NOT ENTER	30	X	30	6.25	--					P034		--	MOUNTED ON SIGNAL EQUIPMENT	
	P035	R6-2L	ONE WAY W/ ARROW LEFT	24	X	30	5	--							--	MOUNTED ON SIGNAL EQUIPMENT	
	P036	R4-7	MEDIAN HAZARD	24	X	30	5	--					P037		--	MOUNTED ON SIGNAL EQUIPMENT	
	P037	R1-1F	FOLDING STOP	36	X	36	--	7.46					P036		--	MOUNTED ON SIGNAL EQUIPMENT	
	P038	M3-2	EAST	36	X	18	4.5	--							1		
	P039	M1-5A	CTH KR	36	X	36	9	--							1		
	P040	R6-2R	ONE WAY W/ ARROW RIGHT	24	X	30	5	--							--	MOUNTED ON SIGNAL EQUIPMENT	
	P041	R1-1F	FOLDING STOP	36	X	36	--	7.46					P042		--	MOUNTED ON SIGNAL EQUIPMENT	

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PERMANENT SIGNING

PERMANENT SIGNING (CONT)

637.2210 637.2215 637.2230

634.0618

SIGN NUMBER	SIGN CODE	SIGN MESSAGE	SIGN SIZE INCH X INCH		SIGN TYPE II			STATION	LOCATION	SIGN MOUNTED		REMARKS
					REFLECTIVE H*	REFLECTIVE H FOLDING	REFLECTIVE F*			ON SAME POST AS	POSTS WOOD 4X6-INCH X 18-FT*	
P042	R5-1	DO NOT ENTER	36	X 36	9	--	--			P041	--	MOUNTED ON SIGNAL EQUIPMENT
P043	R5-1	DO NOT ENTER	36	X 36	9	--	--				--	MOUNTED ON SIGNAL EQUIPMENT
P044	R5-1A	WRONG WAY	42	X 30	8.75	--	--				1	
P045	R3-20LL	BEGIN LEFT TURN LANE	24	X 36	6	--	--				1	
P080	W6-2	MEDIAN/2 WAY TRAFFIC	36	X 36	--	--	9				1	
P081	W3-3	TRAFFIC SIGNAL AHEAD W/ FLAGS	36	X 36	--	--	9				1	
P082	W6-2	MEDIAN/2 WAY TRAFFIC	36	X 36	--	--	9				1	
P083	W23-2	NEW TRAFFIC PATTERN AHEAD W/ FLAGS	36	X 36	--	--	9				1	
P084	R5-1	DO NOT ENTER	36	X 36	9	--	--				1	
P085	R4-7	MEDIAN HAZARD	24	X 30	5	--	--				1	
P086	W6-3	2 WAY TRAFFIC	36	X 36	--	--	9				1	
100	R3-20L	BEGIN LEFT TURN LANE	24	X 36	6.00	--	--	809HS+43	7.0' RT		1	
101	R2-1	SPEED LIMIT 35	24	X 30	5.00	--	--	811HN+07	5.4' LT		1	
102	R2-1	SPEED LIMIT 35	24	X 30	5.00	--	--	811HN+07	29.1' RT		1	
103	R2-1	SPEED LIMIT 35	24	X 30	5.00	--	--	814HS+07	8.9' RT		1	
104	R2-1	SPEED LIMIT 35	24	X 30	5.00	--	--	814HS+07	29.2' LT		1	
105	R3-20L	BEGIN LEFT TURN LANE	24	X 36	6.00	--	--	814HN+70	6.0' LT		1	
106	R3-20LL	BEGIN LEFT TURN LANE	24	X 36	6.00	--	--	816HN+89	6.2' LT		1	
107	R4-7	KEEP RIGHT	24	X 30	5.00	--	--	818HS+69	6.0' RT		1	
108	R1-1	STOP SIGN	36	X 36	7.46	--	--	818HN+77	61.5' RT		1	
109	W12-1-D	DOUBLE DIAGONAL ARROW	24	X 24	--	--	4.00	818HN+93	30.6' RT		1	2' MOUNTING HEIGHT
110	R5-1	DO NOT ENTER	30	X 30	6.25	--	--	819HN+04	6.6' LT		1	
111	R6-3	DIVIDED HIGHWAY	30	X 24	5.00	--	--	818HS+99	81.3' LT		1	
111a	R1-1	STOP SIGN	36	X 36	7.46	--	--	818HS+99	81.3' LT		1	
112	R6-1L	ONE WAY	36	X 12	3.00	--	--	818HS+99	81.3' LT	111	--	
113	R6-1R	ONE WAY	36	X 12	3.00	--	--	818HS+99	81.3' LT	111	--	
114	R1-2	YIELD	36	X 31	3.88	--	--	819HS+11	62.8' LT		1	
115	R6-1L	ONE WAY	36	X 12	3.00	--	--	819HN+23	29.9' RT		1	
116	R6-1L	ONE WAY	36	X 12	3.00	--	--	819HS+85	28.7' LT		1	
117	R6-1L	ONE WAY	36	X 12	3.00	--	--	819HN+91	64.9' RT		1	
118	R6-1R	ONE WAY	36	X 12	3.00	--	--	819HN+91	64.9' RT	117	--	
118a	R1-1	STOP SIGN	36	X 36	7.46	--	--	819HN+91	64.9' RT		1	
119	R6-3	DIVIDED HIGHWAY	30	X 24	5.00	--	--	819HN+91	64.9' RT	117	--	
120	R5-1	DO NOT ENTER	30	X 30	6.25	--	--	820HS+04	5.9' RT		1	
121	W12-1-D	DOUBLE DIAGONAL ARROW	24	X 24	--	--	4.00	820HS+18	29.9' LT		1	2' MOUNTING HEIGHT
122	R1-1	STOP SIGN	36	X 36	7.46	--	--	820HS+23	63.0' LT		1	
123	R4-7	KEEP RIGHT	24	X 30	5.00	--	--	820HN+34	5.7' LT		1	
124	R3-20LL	BEGIN LEFT TURN LANE	24	X 36	6.00	--	--	822HS+23	6.0' RT		1	
125	R3-20L	BEGIN LEFT TURN LANE	24	X 36	6.00	--	--	824HS+16	7.8' RT		1	
126	R2-1	SPEED LIMIT 35	24	X 30	5.00	--	--	825HN+52	35.5' RT		1	

PERMANENT SIGNING

PERMANENT SIGNING (CONT)

637.2210

637.2215

637.2230

634.0618

SIGN NUMBER	SIGN CODE	SIGN MESSAGE	SIGN SIZE		SIGN TYPE II			STATION	LOCATION	SIGN MOUNTED		REMARKS
			INCH	X INCH	REFLECTIVE H* SF	REFLECTIVE H SF	REFLECTIVE F* SF			ON SAME POST AS SIGN #	POSTS WOOD 4X6-INCH X 18-FT* EACH	
127	R2-1	SPEED LIMIT 35	24	30	5.00	--	--	825HN+52	12.6' LT		1	
128	R2-1	SPEED LIMIT 35	24	30	5.00	--	--	827HS+77	5.44' RT		1	
129	R2-1	SPEED LIMIT 35	24	30	5.00	--	--	827HS+78	30.0' LT		1	
130	R6-1L	ONE WAY	36	12	3.00	--	--	831HS+58	30.4' LT		1	
131	R6-1L	ONE WAY	36	12	3.00	--	--	831HN+96	51.4' RT	134	--	
132	R6-1R	ONE WAY	36	12	3.00	--	--	831HN+96	51.4' RT	134	--	
133	R1-1	STOP SIGN	36	36	7.46	--	--	831HN+96	51.4' RT	134	--	
134	R3-53R	RIGHT TURN ONLY	24	30	5.00	--	--	831HN+96	51.4' RT		1	
135	R4-7	KEEP RIGHT	24	30	5.00	--	--	832HN+25	6.0' LT		1	
136	R3-20LL	BEGIN LEFT TURN LANE	24	36	6.00	--	--	832HS+82	6.3' RT		1	
137	R3-20L	BEGIN LEFT TURN LANE	24	36	6.00	--	--	835HS+00	6.7' RT		1	
138	R2-1	SPEED LIMIT 35	24	30	5.00	--	--	838HN+05	6.3' LT		1	
139	R2-1	SPEED LIMIT 35	24	30	5.00	--	--	838HN+05	30.2' RT		1	
140	R3-20L	BEGIN LEFT TURN LANE	24	36	6.00	--	--	838HN+38	5.1' RT		1	
141	R2-1	SPEED LIMIT 35	24	30	5.00	--	--	839HS+57	4.9' RT		1	
142	R2-1	SPEED LIMIT 35	24	30	5.00	--	--	839HS+57	30.4' LT		1	
143	R3-20LL	BEGIN LEFT TURN LANE	24	36	6.00	--	--	840HN+47	6.4' LT		1	
144	R1-1-F	FOLDING STOP SIGN	36	36	--	7.46	--	842HN+96	6.0' LT		--	MOUNTED ON TRAFFIC SIGNAL POLE
145	R1-1-F	FOLDING STOP SIGN	36	36	--	7.46	--	842HS+76	4.9' RT		--	MOUNTED ON TRAFFIC SIGNAL POLE
146	R5-1	DO NOT ENTER	30	30	6.25	--	--	842HN+96	6.0' LT		--	MOUNTED ON TRAFFIC SIGNAL POLE
147	R4-7	KEEP RIGHT	24	30	5.00	--	--	842HS+76	4.9' RT		--	MOUNTED ON TRAFFIC SIGNAL POLE
148	W12-1-D	DOUBLE DIAGONAL ARROW	24	24	--	--	4.00	843HN+13	30.1' RT		1	2' MOUNTING HEIGHT
149	R1-1-F	FOLDING STOP SIGN	36	36	--	7.46	--	843HN+25	30.6' RT		--	MOUNTED ON TRAFFIC SIGNAL POLE
150	R1-1	STOP SIGN	36	36	9.00	--	--	843HN+05	69.3' RT		1	
151	R1-2	YIELD	36	31	7.75	--	--	843HS+19	62.9' LT		1	
152	R6-3	DIVIDED HIGHWAY	30	24	5.00	--	--	843HS+48	54.3' LT		--	MOUNTED ON TRAFFIC SIGNAL POLE
153	R1-1-F	FOLDING STOP SIGN	36	36	--	7.46	--	843HS+48	54.3' LT		--	MOUNTED ON TRAFFIC SIGNAL POLE
154	R6-1L	ONE WAY	36	12	3.00	--	--	843HS+48	54.3' LT		--	MOUNTED ON TRAFFIC SIGNAL POLE
155	R6-1R	ONE WAY	36	12	3.00	--	--	843HS+48	54.3' LT		--	MOUNTED ON TRAFFIC SIGNAL POLE
156	R4-7	KEEP RIGHT	24	30	5.00	--	--	843HN+99	39.0' RT		--	MOUNTED ON TRAFFIC SIGNAL POLE
157	R6-1L	ONE WAY	36	12	3.00	--	--	844HN+27	50.7' RT		--	MOUNTED ON TRAFFIC SIGNAL POLE
158	R6-1R	ONE WAY	36	12	3.00	--	--	844HN+27	50.7' RT		--	MOUNTED ON TRAFFIC SIGNAL POLE
159	R1-1-F	FOLDING STOP SIGN	36	36	--	7.46	--	844HN+27	50.7' RT		--	MOUNTED ON TRAFFIC SIGNAL POLE
160	R6-3	DIVIDED HIGHWAY	30	24	5.00	--	--	844HN+27	50.7' RT		--	MOUNTED ON TRAFFIC SIGNAL POLE
161	R1-1-F	FOLDING STOP SIGN	36	36	--	7.46	--	844HS+50	5.7' RT		--	MOUNTED ON TRAFFIC SIGNAL POLE
161A	R5-1	DO NOT ENTER	30	30	6.25	--	--	844HS+50	5.7' RT		--	MOUNTED ON TRAFFIC SIGNAL POLE
162	R1-1-F	FOLDING STOP SIGN	36	36	--	7.46	--	844HS+54	31.0' LT		--	MOUNTED ON TRAFFIC SIGNAL POLE
163	R1-1-F	FOLDING STOP SIGN	36	36	--	7.46	--	844HN+92	6.3' LT		--	MOUNTED ON TRAFFIC SIGNAL POLE
164	R1-1	STOP SIGN	36	36	7.46	--	--	844HS+69	66.4' LT		1	
165	W12-1-D	DOUBLE DIAGONAL ARROW	24	24	--	--	4.00	844HS+64	30.5' LT		1	2' MOUNTING HEIGHT
166	R1-2	YIELD	36	31	3.88	--	--	844HN+58	50.7' RT		--	MOUNTED ON TRAFFIC SIGNAL POLE
167	R4-7	KEEP RIGHT	24	30	5.00	--	--	845HN+06	6.6' LT		--	MOUNTED ON TRAFFIC SIGNAL POLE
168	R3-20LL	BEGIN LEFT TURN LANE	24	36	6.00	--	--	846HS+22	6.1' RT		1	
169	R3-20L	BEGIN LEFT TURN LANE	24	36	6.00	--	--	848HS+17	6.1' RT		1	
170	R2-1	SPEED LIMIT 35	24	30	5.00	--	--	848HN+96	4.8' LT		1	

3

3

3

3

PERMANENT SIGNING

PERMANENT SIGNING (CONT)

SIGN NUMBER	SIGN CODE	SIGN MESSAGE	SIGN SIZE INCH X INCH		637.2210	637.2215	637.2230	STATION	LOCATION	SIGN ON SAME POST AS SIGN #	634.0618	REMARKS
					SIGNS	SIGNS	SIGNS				POSTS WOOD	
					TYPE II	TYPE II	TYPE II				4X6-INCH X 18-FT*	
					REFLECTIVE H* SF	REFLECTIVE H SF	REFLECTIVE F* SF				EACH	
171	R2-1	SPEED LIMIT 35	24	30	5.00	--	--	848HN+97	30.5' RT		1	
172	R3-20L	BEGIN LEFT TURN LANE	24	36	6.00	--	--	849HN+67	7.7' LT		1	
173	R6-1L	ONE WAY	36	12	3.00	--	--	849HN+99	61.6' RT	175	--	
174	R6-1R	ONE WAY	36	12	3.00	--	--	849HN+99	61.6' RT	175	--	
175	R1-1	STOP SIGN	36	36	7.46	--	--	849HN+99	61.6' RT		1	
175a	R3-53R	RIGHT TURN ONLY	24	30	5.00	--	--	849HN+99	61.6' RT	175	--	
176	R3-20LL	BEGIN LEFT TURN LANE	24	36	6.00	--	--	851HN+64	6.5' LT		1	
177	W12-1-D	DOUBLE DIAGONAL ARROW	24	24	--	--	4.00	855HN+35	30.5' RT		1	2' MOUNTING HEIGHT
178	R1-1-F	FOLDING STOP SIGN	36	36	--	7.46	--	855HN+48	31.0' RT		--	MOUNTED ON TRAFFIC SIGNAL POLE
179	R1-1	STOP SIGN	36	36	7.46	--	--	855HN+47	67.3' RT		1	
180	R4-7	KEEP RIGHT	24	30	5.00	--	--	855HS+63	6.5' RT		1	
181	R1-1-F	FOLDING STOP SIGN	36	36	--	7.46	--	855HS+63	6.5' RT		--	MOUNTED ON TRAFFIC SIGNAL POLE
182	R1-1-F	FOLDING STOP SIGN	36	36	--	7.46	--	855HN+71	6.0' LT		--	MOUNTED ON TRAFFIC SIGNAL POLE
183	R5-1	DO NOT ENTER	30	30	6.25	--	--	855HN+71	6.0' LT		--	MOUNTED ON TRAFFIC SIGNAL POLE
184	R1-2	YIELD	36	31	7.75	--	--	154BRE+25	68.2' RT		--	MOUNTED ON TRAFFIC SIGNAL POLE
185	R6-3	DIVIDED HIGHWAY	30	24	5.00	--	--	154BRE+39	35.6' RT		--	MOUNTED ON TRAFFIC SIGNAL POLE
186	R6-1L	ONE WAY	36	12	3.00	--	--	154BRE+39	35.6' RT		--	MOUNTED ON TRAFFIC SIGNAL POLE
187	R6-1R	ONE WAY	36	12	3.00	--	--	154BRE+39	35.6' RT		--	MOUNTED ON TRAFFIC SIGNAL POLE
188	W12-1-D	DOUBLE DIAGONAL ARROW	24	24	--	--	4.00	153BRE+90	30.2' RT		1	2' MOUNTING HEIGHT
189	R4-7	KEEP RIGHT	24	30	5.00	--	--	154BRW+58	29.7' RT		--	MOUNTED ON TRAFFIC SIGNAL POLE
190	R1-1-F	FOLDING STOP SIGN	36	36	--	7.46	--	154BRW+58	29.7' RT		--	MOUNTED ON TRAFFIC SIGNAL POLE
191	R3-20LL	BEGIN LEFT TURN LANE	24	36	6.00	--	--	151BRE+95	6.4' LT		1	
192	R1-1-F	FOLDING STOP SIGN	36	36	--	7.46	--	154BRW+37	6.3' RT		--	MOUNTED ON TRAFFIC SIGNAL POLE
193	R4-7	KEEP RIGHT	24	30	5.00	--	--	155BRE+81	6.2' LT		1	
194	W4-2	RIGHT LANE ENDS	36	36	9.00	--	--	157BRE+34	42.7' RT		1	
195	R3-20LL	BEGIN LEFT TURN LANE	24	36	6.00	--	--	157BRW+20	6.2' RT		1	
196	W12-1-D	DOUBLE DIAGONAL ARROW	24	24	--	--	4.00	156BRW+16	30.3' LT		1	2' MOUNTING HEIGHT
197	R6-3	DIVIDED HIGHWAY	30	24	5.00	--	--	155BRW+74	34.8' LT		--	MOUNTED ON TRAFFIC SIGNAL POLE
198	R6-1R	ONE WAY	36	12	3.00	--	--	155BRW+74	34.8' LT		--	MOUNTED ON TRAFFIC SIGNAL POLE
199	R6-1L	ONE WAY	36	12	3.00	--	--	155BRW+74	34.8' LT		--	MOUNTED ON TRAFFIC SIGNAL POLE
200	R1-1-F	FOLDING STOP SIGN	36	36	--	7.46	--	856HS+90	6.0' RT		--	MOUNTED ON TRAFFIC SIGNAL POLE
201	R1-1-F	FOLDING STOP SIGN	36	36	--	7.46	--	857HN+21	6.0' LT		--	MOUNTED ON TRAFFIC SIGNAL POLE
201A	R5-1	DO NOT ENTER	30	30	6.25	--	--	857HN+21	6.0' LT		--	MOUNTED ON TRAFFIC SIGNAL POLE
202	R1-2	YIELD	36	31	7.75	--	--	856BRW+90	68.4' LT		--	MOUNTED ON TRAFFIC SIGNAL POLE
203	R1-1-F	FOLDING STOP SIGN	36	36	--	7.46	--	857HS+27	30.8' LT		--	MOUNTED ON TRAFFIC SIGNAL POLE
204	R1-1	STOP SIGN	36	36	9.00	--	--	857HS+28	70.3' LT		1	
205	W12-1-D	DOUBLE DIAGONAL ARROW	24	24	--	--	4.00	857HS+43	30.7' LT		1	2' MOUNTING HEIGHT
206	R3-20LL	BEGIN LEFT TURN LANE	24	36	6.00	--	--	858HS+57	7.0' RT		1	
207	W4-2	RIGHT LANE ENDS	36	36	9.00	--	--	859HN+17	29.7' RT		1	
208	W4-2	RIGHT LANE ENDS	36	36	9.00	--	--	859HN+17	7.4' LT		1	
209	R3-20L	BEGIN LEFT TURN LANE	24	36	6.00	--	--	860HS+61	6.5' RT		1	

PROJECT 3760-00-70 TOTALS					727.38	179.04	113.00				94.00	
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*ADDITIONAL QUANTITIES SHOWN ELSEWHERE.

PROJECT NO: 3760-00-70	HWY: CTH H	COUNTY: RACINE	MISCELLANEOUS QUANTITIES	SHEET:	E
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SIGN REMOVAL

SIGN NUMBER	STATION	LOCATION	638.2102	638.2602	638.3000	SIGN MOUNTED ON SAME POST AS SIGN #	REMARKS
			MOVING SIGNS TYPE II*	REMOVING SIGNS TYPE II*	REMOVING SMALL SIGN SUPPORT*		
			EACH	EACH	EACH		
R001				1	1		TRAFFIC LIGHT AHEAD
R002				1	1	R003	JCT
R003				1		R002	COUNTY KR
R006				1	1	R007	TRUCK
R007				1		R006	NO TURN ON RED
R008				1	1		SPEED LIMIT 55
R009				1	1	R010, R011, R012, R013	1ST ST
R010				1		R009, R011, R012, R013	88TH AVE
R011				1		R009, R010, R012, R013	BIKE ROUTE
R012				1		R009, R010, R011, R013	RIGHT ARROW
R013				1		R009, R010, R011, R012	LEFT ARROW
R016				1	1		TRAFFIC LIGHT AHEAD
R017				1	1	R018	COUNTY KR
R018				1		R017	LEFT/RGHT ARROW
R019				--			REMOVED BY OTHERS
R020				1	1	R021	LEFT/RIGHT ARROW
R021				1		R020	COUNTY KR
R024				1	1	R025, R028, R029	LEFT/RIGHT ARROW
R025				1		R024, R028, R029	COUNTY KR
R026				1	1	R027	COUNTY H
R027				1		R026	JCT
R028				1		R024, R025, R029	COUNTY H
R029				1		R024, R025, R028	LEFT/RIGHT ARROW
R100				1	1		STOP SIGN
R101				1	1		COUNTY H
R101a				1		R101	DOUBLE ARROW
R102				1	1		STOP SIGN
R103				1	1		COUNTY H
R103a				1		R103	DOUBLE ARROW
R104				1	1		COUNTY KR
R104a				1		R104	DOUBLE ARROW
R105				1	1		STOP SIGN
R106				1	1		STOP SIGN
R107				1	1		STOP SIGN
R108				1	1		STOP SIGN
R109				1	1		STOP SIGN
R110				1	1		STOP SIGN
R111				1	1		COUNTY KR
R111a				1		R111	DOUBLE ARROW
R112				1	1		SPEED LIMIT 55
R113				1	1		ADOPT A HIGHWAY
R114				1	1		COUNTY KR
R114a				1		R114	JCT

SIGN REMOVAL

SIGN NUMBER	STATION	LOCATION	638.2102	638.2602	638.3000	SIGN MOUNTED ON SAME POST AS SIGN #	REMARKS
			MOVING SIGNS TYPE II*	REMOVING SIGNS TYPE II*	REMOVING SMALL SIGN SUPPORT*		
			EACH	EACH	EACH		
R115				1	1		STOP AHEAD
R116				1	1		STOP AHEAD
R117				1	1		STOP SIGN
R118				1	1		PRAIRIE VIEW DRIVE
R119				1	1		TYPE 3 OBJECT MARKER - RIGHT
R120				1	1		TYPE 3 OBJECT MARKER - RIGHT
R121				1	1		SPEED LIMIT 55
R122				1	1		NO TURN ON RED
R122a				1		R122	TRUCK
R123				1	1		STOP SIGN
R124				1	1		STOP SIGN
R125				1	1		STOP SIGN
M101			1				GREATER RACINE AREA
M102			1				ALTERNATE SIDE PARKING
M103			1				VILLAGE OF STURTAVENT
R126				1	1		SPEED LIMIT 45
R127				1	1		CROSS ROAD WARNING
PROJECT 3760-00-70 TOTALS				56	38		

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE.

TRAFFIC CONTROL ITEMS

ROADWAY	STAGE DURATION DAYS	643.0300		643.0420		643.0705		643.0715		643.0900*		643.0920*		643.1000*	
		TRAFFIC CONTROL DRUMS EACH^	DAYS	TRAFFIC CONTROL BARRICADES TYPE III EACH^	DAYS	TRAFFIC CONTROL WARNING LIGHTS TYPE A EACH^	DAYS	TRAFFIC CONTROL WARNING LIGHTS TYPE C EACH^	DAYS	TRAFFIC CONTROL SIGNS EACH^	DAYS	TRAFFIC COVERING SIGNS TYPE II EACH^	TRAFFIC SIGNS TYPE II EACH^	TRAFFIC CONTROL SIGNS TYPE II EACH^	TRAFFIC CONTROL SIGNS TYPE II EACH^
STAGE 1															
CTH-H	31	235	7,285	--	--	--	--	17	527	17	527	--	--	--	--
STAGE 1 SUBTOTAL			7,285	--	--			527	527			--	--		
STAGE 2															
CTH-H	61	195	11,895	8	488	16	976	--	--	16	976	--	3	30	
STAGE 2 SUBTOTAL			11,895	488	976			--		976	--		30		
STAGE 3															
CTH-H	21	113	6,893	32	1,952	64	3,904	--	--	14	854	--	10	100	
STAGE 3 SUBTOTAL			6,893	1,952	3,904			--		854	--		100		
STAGE 4															
CTH-H	102	172	17,544	31	3,162	62	6,324	--	--	8	816	--	7	70	
STAGE 4 SUBTOTAL			17,544	3,162	6,324			--		816	--		70		
UNDISTRIBUTED			--	--	--			--		--		35	--	--	
PROJECT 3760-00-70 TOTAL			43,617	5,602	11,204			527		3,173		35		200	

^ FOR INFORMATION ONLY

DETOUR ITEMS

STAGE	DURATION	643.0900*		643.1000		643.0920*	
		TRAFFIC CONTROL SIGNS EACH	DAYS	TRAFFIC CONTROL SIGNS EACH	SF	TRAFFIC CONTROL CONVERGING SIGNS TYPE II EACH	
STAGE 2							
	90	144	12,960	--	--	--	
STAGE 2 SUBTOTAL			12,960	--	--	--	
STAGE 3							
	20	144	2,880	--	--	--	
STAGE 3 SUBTOTAL			2,880	--	--	--	
STAGE 4							
	61	88	5,368	34	--	--	
STAGE 4 SUBTOTAL			5,368	34	--	--	
UNDISTRIBUTED			--	--	--	10	
PROJECT 3760-00-70 TOTAL			21,208	34	--	10	

PAVEMENT MARKINGS

PAVEMENT MARKINGS (CONTINUED)

ROADWAY	646.1020				646.3020		646.5020	646.5120	646.6120	646.1040	646.7120	646.7420	646.8120	646.8220	649.0120		649.0205	
	MARKING LINE		MARKING LINE		MARKING	MARKING	MARKING	MARKING	MARKING	MARKING	MARKING	MARKING	MARKING	MARKING	TEMPORARY		TEMPORARY	
	EPOXY 4-INCH*		EPOXY 8-INCH*		ARROW	WORD	STOP LINE	CHEVRON	DIAGONAL	EPOXY TRANSVERSE	CURB	ISLAND	NOSE	MARKING	MARKING LINE		MARKING LINE	
	(WHITE)	(YELLOW)	(WHITE)	(YELLOW)	EPOXY*	EPOXY*	EPOXY 18-INCH*	EPOXY 24-INCH*	EPOXY 12-INCH	LINE 6-INCH*	EPOXY*	EPOXY*	EPOXY*	EPOXY*	(WHITE)	(YELLOW)	(WHITE)	(YELLOW)
LF	LF	LF	LF	EACH	EACH	LF	LF	LF	LF	LF	LF	LF	LF	EACH	LF	LF	LF	LF
STAGE 1																		
BRAUN	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1311	655	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	655	--
STAGE 1 SUBTOTAL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,311	1,311	--
STAGE 2																		
HN	23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	12942	184	--
HS	23	--	93	--	8	2	22	--	--	--	27	--	--	--	--	1953	275	--
	828	--	93	--	--	--	24	--	--	--	27	--	--	--	--	1524	4828	--
	285	--	163	--	--	--	23	--	--	--	--	--	--	--	--	765	725	--
	101	--	45	--	--	--	--	--	--	--	--	--	--	--	--	--	1092	--
	--	--	235	--	--	--	--	--	--	--	--	--	--	--	--	--	1105	--
	--	--	46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	--	--	374	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	--	--	307	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BRE/W	11	--	116	--	5	2	12	--	--	--	15	--	--	--	--	--	--	--
	114	--	117	--	--	--	24	--	--	--	15	--	--	--	--	--	--	--
	28	--	245	--	--	--	--	--	--	--	24	--	--	--	--	--	--	--
	--	--	41	--	--	--	--	--	--	--	24	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--	19	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--	23	--	--	--	--	--	--	--
FC6	--	--	--	--	--	--	22	--	--	--	25	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--	24	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--	63	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--	63	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--	16	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--	19	--	--	--	--	--	--	--
FC7	--	--	--	--	--	--	--	--	--	--	23	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--	22	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--	42	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--	42	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--	16	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--	19	--	--	--	--	--	--	--
STAGE 2 SUBTOTAL	1,413	--	1,874	--	13	4	127	--	--	--	546	--	--	--	--	17,184	8,209	--

PAVEMENT MARKINGS

PAVEMENT MARKINGS (CONTINUED)

ROADWAY	646.1020				646.3020		646.5020	646.5120	646.6120	646.1040	646.7120	646.7420	646.8120	646.8220	649.0120		649.0205	
	MARKING LINE		MARKING LINE		MARKING	MARKING	MARKING	MARKING	MARKING	MARKING	MARKING	MARKING	MARKING	MARKING	TEMPORARY		TEMPORARY	
	EPOXY 4-INCH*		EPOXY 8-INCH*		ARROW	WORD	STOP LINE	CHEVRON	DIAGONAL	CROSSWALK	EPOXY	CURB	ISLAND	NOSE	MARKING LINE		MARKING LINE	
	(WHITE) LF	(YELLOW) LF	(WHITE) LF	(YELLOW) LF	EPOXY* EACH	EPOXY* EACH	EPOXY 18-INCH* LF	EPOXY 24-INCH* LF	EPOXY 12-INCH LF	TRANSVERSE LINE 6-INCH* LF	EPOXY* LF	EPOXY* LF	EPOXY* LF	EPOXY* LF	(WHITE) LF	(YELLOW) LF	(WHITE) LF	(YELLOW) LF
STAGE 3																		
CTH H	24	--	52	--	1	1	24	--	--	27	--	--	--	--	2309	56	--	--
	99	--	35	--	--	--	--	--	--	34	--	--	--	--	10179	286	--	--
	--	--	398	--	--	--	--	--	--	24	--	--	--	--	2189	56	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	398	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5267	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1002	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1569	--	--
	--	--	239	--	--	--	--	--	--	24	--	--	--	--	--	1171	--	--
BRE/W	112	--	--	--	--	--	--	--	--	34	5	1	--	--	474	--	--	--
	115	--	--	--	--	--	--	--	--	34	5	--	--	--	410	--	--	--
STAGE 3 SUBTOTAL	350		724		1	1	24	--	--	176	10	1	--	15,562	9,806		--	--
STAGE 4																		
CTH H	2,481	2,394	566	--	4	2	50	--	25	183	20	1	--	--	--	--	--	--
	64	49	48	--	--	--	48	--	--	166	15	1	--	--	--	--	--	--
CTH KR	855	574	855	--	3	3	73	--	--	237	20	1	--	--	--	--	--	--
	2,546	1,869	963	--	2	1	61	--	--	240	47	1	--	--	450	--	--	--
HN	935	--	233	--	13	7	12	--	--	24	5	4	--	15106	339	--	--	--
	284	--	239	--	--	--	24	--	--	24	5	--	--	--	507	--	--	--
	118	--	45	--	--	--	12	--	--	24	5	--	--	--	97	--	--	--
	--	--	233	--	--	--	24	--	--	24	5	--	--	--	191	--	--	--
	--	--	223	--	--	--	25	--	--	29	5	--	--	--	90	--	--	--
	--	--	45	--	--	--	12	--	--	36	5	--	--	--	212	--	--	--
	--	--	116	--	--	--	24	--	--	48	5	--	--	--	136	--	--	--
	--	--	117	--	--	--	--	--	--	48	5	--	--	--	192	--	--	--
	--	--	213	--	--	--	--	--	--	--	--	--	--	--	105	--	--	--
	--	--	30	--	--	--	--	--	--	--	--	--	--	--	399	--	--	--

PAVEMENT MARKINGS

PAVEMENT MARKINGS (CONTINUED)

	646.1020				646.3020		646.5020		646.5120		646.6120		646.1040		646.7120		646.7420		646.8120		646.8220		649.0120		649.0205		
	MARKING LINE EPOXY 4-INCH*		MARKING LINE EPOXY 8-INCH*		MARKING ARROW EPOXY*	MARKING WORD EPOXY*	MARKING STOP LINE EPOXY 18-INCH*	MARKING CHEVRON EPOXY 24-INCH*	MARKING DIAGONAL EPOXY 12-INCH	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH*	MARKING CURB EPOXY*	MARKING ISLAND NOSE EPOXY*	TEMPORARY MARKING LINE EPOXY 4-INCH		TEMPORARY MARKING LINE EPOXY 8-INCH												
	(WHITE) LF	(YELLOW) LF	(WHITE) LF	(YELLOW) LF	(WHITE) EACH	(WHITE) EACH	(WHITE) LF	(WHITE) LF	(YELLOW) LF	(WHITE) LF	YELLOW LF	YELLOW EACH	(WHITE) LF	(YELLOW) LF	(WHITE) LF	(YELLOW) LF	(WHITE) LF	(YELLOW) LF	(WHITE) LF	(YELLOW) LF	(WHITE) LF	(YELLOW) LF	(WHITE) LF	(YELLOW) LF	(WHITE) LF	(YELLOW) LF	
ROADWAY																											
HS	--	--	116	--	9	4	12	--	--	--	5	4	--	--	118	--	--	--	--	--	--	--	--	--	--	--	
	--	--	115	--	--	--	12	--	--	--	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	--	--	128	--	--	--	12	--	--	--	55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	--	--	127	--	--	--	12	--	--	--	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	--	--	116	--	--	--	--	--	--	--	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	--	--	117	--	--	--	--	--	--	--	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	--	--	121	--	--	--	--	--	--	--	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	--	--	120	--	--	--	--	--	--	--	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
BREW	42	--	116	--	6	2	24	--	--	48	5	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	35	--	195	--	--	--	12	--	--	48	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	108	--	43	--	--	--	--	--	--	24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	107	--	120	--	--	--	--	--	--	24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	--	--	--	--	--	--	--	--	--	19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
	--	--	--	--	--	--	--	--	--	23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
E5A	--	--	--	--	--	--	12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
STAGE 4 SUBTOTAL	12,462		5,361		37	19	461	--	25	1,269	242	13	15,106		2,837												
PROJECT 3760-00-70 TOTALS	14,225		7,959		51	24	613	--	25	1,991	252	14	49,162		22,162												

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

SAWING PAVEMENT

STAGE	STATION	OFFSET	690.0150 SAWING ASPHALT LF
STAGE 1			
CTH H	805HS+10	805HS+10	LT/RT 33
CTH H TEMP	808HN+35 - 795HN+85	809HN+83 - 797HN+15	LT 160
STAGE 1 SUBTOTAL			318
STAGE 2			
CTH-H	791HN+74 - 791HN+74	798HN+81 - 796HN+27	RT 707
CTH KR	449+69 - 802HN+99	450+20 - 802HN+57	CTH KR 78
	450+70 - 802HN+73	451+30 - 802HN+99	CTH KR 43
STAGE 2 SUBTOTAL			1,439
STAGE 3			
BRAUN	149BRW+84	149BRW+84	RT 20
STAGE 3 SUBTOTAL			20
PROJECT 3760-00-70 TOTAL			1,777

EXCAVATION BELOW SUBGRADE (EBS)

ROADWAY	SPV.0035.002 EBS EXCAVATION CY	SPV.0035.003 EBS BACKFILL CY
	UNDISTRIBUTED	17,237
PROJECT 3760-00-70 TOTAL		17,237

EROSION CONTROL SPECIAL

ROADWAY	SPV.0060.002 TEMPORARY STONE DITCH CHECKS EACH	SPV.0060.003 SAND BAGS EACH	SPV.0060.004 TEMPORARY SEDIMENT TRAPS EACH
	PROJECT 3760-00-70	40	50
PROJECT 3760-00-70 TOTAL		50	6

DRAIN TILE

ROADWAY	612.0700 DRAIN TILE EXPLORATION LF	SPV.0060.006 CONNECT DRAIN TILE EACH
	PROJECT 3760-00-70	1,500
PROJECT 3760-00-70 TOTAL		10

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MOBILIZATION EMERGENCY PAVEMENT REPAIR

SPV.0060.008
MOBILIZATION
EMERGENCY
PAVEMENT
REPAIR

ROADWAY	EACH
PROJECT 3760-00-70	16
PROJECT 3760-00-70 TOTAL	16

SECTION CORNER MONUMENTS

SPV.0060.010
SECTION
CORNER
MONUMENTS

ROADWAY	EACH
PROJECT 3760-00-70	2
PROJECT 3760-00-70 TOTAL	2

PAVEMENT CLEANUP

SPV.0075.01
PAVEMENT
CLEANUP
PROJECT
3760-00-70

ROADWAY	HOURS
PROJECT 3760-00-70	310
PROJECT 3760-00-70 TOTAL	310

SURVEY PROJECT

SPV.0105.001
SURVEY
PROJECT
(3760-00-70)

ROADWAY	LS
PROJECT 3760-00-70	1
PROJECT 3760-00-70 TOTAL	1

THERMAL BACKFILL

SPV.0105.002
ATC
THERMAL
BACKFILL

ROADWAY	LS
PROJECT 3760-00-70	1
PROJECT 3760-00-70 TOTAL	1

CONTROL OF WATER

SPV.0105.003
CONTROL OF
WATER
PROJECT
3760-00-70

ROADWAY	LS
PROJECT 3760-00-70	1
PROJECT 3760-00-70 TOTAL	1

IRRIGATION

SPV.0105.700
WATER TAP SERVICE
AND IRRIGATION SYSTEM

STATION	LOCATION	LS
PROJECT 3760-00-70	CTH H	1
PROJECT 3760-00-70 TOTAL		1

INVASIVE SPECIES

SPV.0170.001
REMOVAL AND DISPOSAL OF
INVASIVE PLANT SPECIES

LOCATION	STA
UNDISTRIBUTED	5
PROJECT 3760-00-70 TOTAL	5

SUMMARY OF STATE FURNISHED MATERIALS - FOR INFORMATION ONLY

QUANTITY	UNIT	DESCRIPTION
1	EACH	TRAFFIC SIGNAL CABINET WITH CONTROLLER AND CO-PROCESSOR
2	EACH	POLES TYPE 9
1	EACH	POLES TYPE 10
2	EACH	POLES TYPE 12
1	EACH	MONOTUBE ARMS 25 FT
2	EACH	MONOTUBE ARMS 30 FT
2	EACH	MONOTUBE ARMS 45 FT
2	EACH	LUMINAIRE ARMS STEEL 15-FT
4	EACH	EVP DETECTOR HEADS WITH CONFIRMATION BEACONS (HEADS A, B, C, D)
4	EACH	RADAR DETECTOR UNIT - ADVANCE EXTENDED (RE1, RE2, RE3, RE4)
1	EACH	CELL MODEM
1	EACH	ETHERNET SWITCH

CTH KR & CTH H
ALL ITEMS ARE CATEGORY 3000 UNLESS OTHERWISE NOTED

CONDUIT

FROM	TO	652.0225* CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	652.0235* CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH LF
CB1	PB1	--	39
PB1	PB2	--	72
PB2	PB3	28	--
PB2	PB4	--	120
PB4	PB5	28	--
PB4	PB6	--	72
PB6	PB7	21	--
PB6	PB8	--	198
PB8	PB9	--	120
PB9	PB10	--	48
PB10	PB11	--	104
PB11	PB12	45	--
PB11	PB13	--	186
PB13	PB14	28	--
PB13	PB15	--	120
PB15	PB16	28	--
PB15	PB17	--	72
PB17	PB18	21	--
PB17	PB19	--	174
PB19	PB20	--	168
PB20	PB21	28	--
PB20	PB22	--	104
PB22	PB23	33	--
PB22	PB24	--	141
PB24	CB1	--	30
SUBTOTALS		260	1768

FROM	TO	652.0225* CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	652.0235* CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH LF
PB2	SB1	25	--
PB4	SB2	22	--
PB6	SB3	--	11
PB6	SB4	23	--
PB8	SB5	35	--
PB9	SB6	--	34
PB10	SB7	9	--
PB11	SB8	--	20
PB11	SB9	35	--
PB13	SB10	23	--
PB15	SB11	24	--
PB17	SB12	--	6
PB17	SB13	30	--
PB19	SB14	23	--
PB20	SB15	24	--
PB22	SB16	24	--
PB22	SB17	--	9
SUBTOTALS		297	80
TOTALS		557	1848

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

CTH KR & CTH H
ALL ITEMS ARE CATEGORY 3000 UNLESS
OTHERWISE NOTED

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LOOP DETECTOR SCHEDULE

LOOP NUMBER	HOMERUN PB	STATION	LOCATION	SIZE (FT)X(FT)	NO. OF TURNS	PAVEMENT TYPE	SDD INSTALLATION REFERENCE	652.0800* CONDUIT LOOP DETECTOR LF	655.0700* LOOP DETECTOR LEAD IN CABLE LF	655.0800* LOOP DETECTOR WIRE LF
11	PB21	449+60.0	12.0' RT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 2)	94	154	292
12	PB20	449+88.0	12.0' RT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 2)	94	126	292
13	PB21	449+60.0	0.0' RT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 1)	72	154	226
14	PB20	449+88.0	0.0' RT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 1)	72	126	226
31	PB16	802HN+65.3	6.0' LT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 1)	72	361	226
32	PB15	802HN+93.3	6.0' RT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 1)	72	333	226
42	PB3	805HS+11.1	30.0' LT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 1)	72	82	226
43	PB2	804HS+83.1	30.0' LT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 1)	72	54	226
44	PB3	805HS+11.1	18.0' LT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 2)	94	82	292
45	PB2	804HS+83.1	18.0' LT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 2)	94	54	292
46	PB5	805HS+11.1	6.0' LT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 2)	94	142	292
47	PB4	804HS+83.1	6.0' LT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 2)	94	114	292
51	PB9	451+91.3	0.0' RT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 1)	70	309	220
52	PB9	451+63.3	0.0' RT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 1)	74	309	232
71	PB5	805HS+11.1	6.0' RT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 1)	72	142	226
72	PB4	804HS+83.1	6.0' RT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 1)	72	114	226
82	PB14	802HN+65.3	30.0' RT	6'X20'	4	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 1)	72	421	298
83	PB13	802HN+93.3	30.0' RT	6'X20'	4	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 1)	72	393	298
84	PB14	802HN+65.3	18.0' RT	6'X20'	4	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 2)	94	421	386
85	PB13	802HN+93.3	18.0' RT	6'X20'	4	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 2)	94	393	386
86	PB16	802HN+65.3	6.0' RT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 2)	94	361	292
87	PB15	802HN+93.3	6.0' RT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 2)	94	333	292
S1	PB23	449+35.0	48.0' LT	6'X6'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 1)	52	107	166
S2	PB23	449+35.0	36.0' LT	6'X6'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 2)	74	107	232
S3	PB23	449+35.0	24.0' LT	6'X6'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 2)	98	107	304
S4	PB18	802HS+40.0	18.0' LT	6'X6'	5	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 1)	44	318	230
S5	PB18	802HS+40.0	6.0' LT	6'X6'	5	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 2)	66	318	340
S6	PB12	452+40.0	48.0' RT	6'X6'	5	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 1)	52	430	270
S7	PB12	452+40.0	36.0' RT	6'X6'	5	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 2)	74	430	380
S8	PB12	452+40.0	24.0' RT	6'X6'	5	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 2)	98	430	500
S9	PB7	805HN+35.0	18.0' RT	6'X6'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 1)	44	171	142
S10	PB7	805HN+35.0	6.0' RT	6'X6'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 2)	66	171	208
TOTALS								2472	7567	8736

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE
 ** LOCATION IS TO FRONT CENTER OF DETECTOR LOOP
 *** FINAL LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD

PULL BOXES STEEL

PULL BOX NO.	STATION	LOCATION	653.0135*	653.0140*
			PULL BOXES STEEL 24X36-INCH EACH	PULL BOXES STEEL 24X42-INCH EACH
PB1	805HS+07.1	65.7' LT	--	1
PB2	805HS+07.1	42.0' LT	--	1
PB3	805HS+35.1	42.0' LT	1	--
PB4	805HS+07.1	18.0' RT	--	1
PB5	805HS+35.1	18.0' RT	1	--
PB6	805HN+03.9	30.1' RT	--	1
PB7	805HN+25.0	30.0' RT	1	--
PB8	451+85.3	72.0' LT	--	1
PB9	451+85.3	12.0' LT	--	1
PB10	451+85.3	12.0' RT	--	1
PB11	451+85.3	64.0' RT	--	1
PB12	452+30.0	64.0' RT	1	--
PB13	802HN+69.3	42.0' RT	--	1
PB14	802HN+41.3	42.0' RT	1	--
PB15	802HN+69.3	18.0' LT	--	1
PB16	802HN+41.3	18.0' LT	1	--
PB17	802HS+70.8	30.2' LT	--	1
PB18	802HS+50.0	30.0' LT	1	--
PB19	449+64.0	72.0' RT	--	1
PB20	449+64.0	12.0' LT	--	1
PB21	449+36.0	12.0' LT	1	--
PB22	449+64.0	64.0' LT	--	1
PB23	449+31.0	64.0' LT	1	--
PB24	804HS+90.4	79.7' LT	--	1
TOTALS			9	15

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE
 *** FINAL LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD

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CONCRETE BASES

BASE NO.	STATION	LOCATION	654.0101* CONCRETE BASES TYPE 1 EACH	654.0102* CONCRETE BASES TYPE 2 EACH	654.0110* CONCRETE BASES TYPE 10 EACH	654.0113* CONCRETE BASES TYPE 13 EACH	654.0217* CONCRETE CONTROL CABINET BASES TYPE 9 SPECIAL EACH
CB1	805HS+00.0	76.9' LT	--	--	--	--	1
SB1	804HS+82.9	48.1' LT	1	--	--	--	--
SB2	804HS+85.4	18.0' RT	--	1	--	--	--
SB3	805HN+15.0	32.0' RT	--	--	1	--	--
SB4	804HN+84.9	42.2' RT	1	--	--	--	--
SB5	451+50.8	79.5' LT	1	--	--	--	--
SB6	451+51.1	12.0' LT	--	--	1	--	--
SB7	451+76.2	11.5' RT	1	--	--	--	--
SB8	451+65.0	66.0' RT	--	--	--	1	--
SB9	451+51.5	71.9' RT	1	--	--	--	--
SB10	802HN+90.1	50.5' RT	1	--	--	--	--
SB11	802HN+93.1	18.0' LT	--	1	--	--	--
SB12	802HS+65.0	32.0' LT	--	--	1	--	--
SB13	802HS+95.3	46.9' LT	1	--	--	--	--
SB14	449+87.0	76.7' RT	1	--	--	--	--
SB15	449+87.5	12.0' LT	--	1	--	--	--
SB16	449+87.2	71.5' LT	1	--	--	--	--
SB17	449+55.0	66.0' LT	--	--	--	1	--
TOTALS			9	3	3	2	1

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

*** FINAL LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD

UNDERGROUND TRAFFIC SIGNAL CABLE NO. 14

FROM	TO	655.0240*	655.0260*
		CABLE TRAFFIC SIGNAL 7-14 AWG LF	CABLE TRAFFIC SIGNAL 12-14 AWG LF
CB1	SB1	--	125
CB1	SB2	--	178
CB1	SB3	219	--
CB1	SB4	231	--
CB1	SB5	--	358
CB1	SB6	433	--
CB1	SB7	448	--
CB1	SB8	527	--
CB1	SB9	542	--
CB1	SB10	--	522
CB1	SB11	--	447
CB1	SB12	377	--
CB1	SB13	401	--
CB1	SB14	--	291
CB1	SB15	--	192
CB1	SB16	124	--
CB1	SB17	109	--
TOTALS		3411	2113

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

ABOVE GROUND TRAFFIC SIGNAL CABLE NO. 14

FROM	TO	655.0230*
		CABLE TRAFFIC SIGNAL 5-14 AWG LF
SB1	HEAD 19	22
	HEAD 21	19
	HEAD 29	15
SB2	HEAD 20	22
	HEAD 24	22
SB3	HEAD 16	51
	HEAD 17	39
SB4	HEAD 30	15
SB5	HEAD 8	19
	HEAD 31	15
SB6	HEAD 6	37
	HEAD 7	49
SB7	HEAD 12	22
SB8	HEAD 2	67
	HEAD 3	55
	HEAD 4	43
SB9	HEAD 32	15
SB10	HEAD 15	19
	HEAD 25	22
	HEAD 33	15
SB11	HEAD 18	22
	HEAD 26	22
SB12	HEAD 22	51
	HEAD 23	39
SB13	HEAD 34	15
SB14	HEAD 1	19
	HEAD 13	22
	HEAD 27	15
SB15	HEAD 5	19
	HEAD 14	22
SB16	HEAD 28	15
SB17	HEAD 9	67
SB15	HEAD 10	55
SB16	HEAD 11	37
TOTAL		1003

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

LIGHTING WIRE

FROM	TO	655.0320* CABLE TYPE UF 2-10 AWG GROUNDED LF	655.0610* ELECTRICAL WIRE LIGHTING 12 AWG LF
CB1	SB2	178	--
SB2	LUMIN (2)	--	288
SB2	SB6	433	--
SB6	LUMIN (2)	--	288
CB1	SB15	192	--
SB15	LUMIN (2)	--	288
SB15	SB11	447	--
SB11	LUMIN (2)	--	288
TOTALS		1250	1152

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

ELECTRICAL WIRE TRAFFIC SIGNALS

FROM	TO	655.0515* ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG LF
CB1	SB1	105
SB1	SB2	147
SB2	SB3	109
SB3	SB4	58
SB4	SB5	197
SB5	SB6	169
SB6	SB7	107
SB7	SB8	121
SB8	SB9	79
SB9	SB10	191
SB10	SB11	147
SB11	SB12	106
SB12	SB13	60
SB13	SB14	180
SB14	SB15	171
SB15	SB16	140
SB16	SB17	57
SB17	CB1	109
PB1	CB1	36
PB2	SB1	45
PB4	SB2	42
PB6	SB3	31
PB8	SB5	55
PB9	SB6	54
PB10	SB7	29
PB11	SB8	40
PB13	SB10	43
PB15	SB11	44
PB17	SB12	26
PB19	SB14	43
PB20	SB15	44
PB22	SB17	29
PB24	CB1	33
TOTAL		2847

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

TRAFFIC SIGNAL EVP DETECTOR CABLE

FROM	TO	655.0210* CABLE TRAFFIC SIGNAL 3-14 AWG LF	655.0900* TRAFFIC SIGNAL EVP DETECTOR CABLE LF
CB1	SB3 (HEAD D)	279	279
CB1	SB8 (HEAD B)	587	587
CB1	SB12 (HEAD C)	437	437
CB1	SB17 (HEAD A)	184	184
TOTALS		1487	1487

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

ELECTRICAL SERVICE METER BREAKER PEDESTAL
CTH KR & CTH H

BASE NO.	656.0200.301 ELECTRICAL SERVICE METER BREAKER PEDESTAL LS
CB1	1
TOTAL	1

***FINAL LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD

CTH KR & CTH H
ALL ITEMS ARE CATEGORY 3000 UNLESS
OTHERWISE NOTED

CAST BASES, POLES, STANDARDS, MONOTUBE ARMS, PUSH BUTTONS, AND LUMINAIRES

SIGNAL BASE NO.	657.0100* PEDESTAL BASES EACH	657.0255* TRANSFORMER BASES BREAKAWAY 11 1/2 INCH BOLT CIRCLE EACH	657.0310* POLES TYPE 3 EACH	657.0420 TRAFFIC SIGNAL STANDARDS ALUMINUM 13-FT EACH	657.0425* TRAFFIC SIGNAL STANDARDS ALUMINUM 15-FT EACH	657.0430 TRAFFIC SIGNAL STANDARDS ALUMINUM 10-FT EACH	657.0609* LUMINAIRE ARMS SINGLE MEMBER 4-INCH CLAMP 6-FT EACH
SB1	1	--	--	--	1	--	--
SB2	--	1	1	--	--	--	2
SB3	--	--	--	--	--	--	--
SB4	1	--	--	--	--	1	--
SB5	1	--	--	1	--	--	--
SB6	--	--	--	--	--	--	--
SB7	1	--	--	--	1	--	--
SB8	--	--	--	--	--	--	--
SB9	1	--	--	--	--	1	--
SB10	1	--	--	--	1	--	--
SB11	--	1	1	--	--	--	2
SB12	--	--	--	--	--	--	--
SB13	1	--	--	--	--	1	--
SB14	1	--	--	--	1	--	--
SB15	--	1	1	--	--	--	2
SB16	1	--	--	--	--	1	--
SB17	--	--	--	--	--	--	--
TOTALS	9	3	3	1	4	4	6

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

3

3

CAST BASES, POLES, MONOTUBE ARMS, PUSH BUTTONS, AND LUMINAIRES (CONT.)

SIGNAL BASE NO.	SPV.0060.309* INSTALL POLES TYPE 9 EACH	SPV.0060.310 INSTALL POLES TYPE 10 EACH	SPV.0060.312* INSTALL POLES TYPE 12 EACH	SPV.0060.325 INSTALL MONOTUBE ARMS 25-FT EACH	SPV.0060.330* INSTALL MONOTUBE ARMS 30-FT EACH	SPV.0060.345* INSTALL MONOTUBE ARMS 45-FT EACH	SPV.0060.360* INSTALL LUMINAIRE ARMS STEEL 15-FT EACH	658.0500* PEDESTRIAN PUSH BUTTONS EACH	659.1125* LUMINAIRES UTILITY LED C EACH
SB1	--	--	--	--	--	--	--	1	--
SB2	--	--	--	--	--	--	--	1	2
SB3	1	--	--	--	1	--	--	--	--
SB4	--	--	--	--	--	--	--	1	--
SB5	--	--	--	--	--	--	--	1	--
SB6	--	1	--	1	--	--	2	1	2
SB7	--	--	--	--	--	--	--	--	--
SB8	--	--	1	--	--	1	--	--	--
SB9	--	--	--	--	--	--	--	1	--
SB10	--	--	--	--	--	--	--	1	--
SB11	--	--	--	--	--	--	--	1	2
SB12	1	--	--	--	1	--	--	--	--
SB13	--	--	--	--	--	--	--	1	--
SB14	--	--	--	--	--	--	--	1	--
SB15	--	--	--	--	--	--	--	1	2
SB16	--	--	--	--	--	--	--	1	--
SB17	--	--	1	--	--	1	--	--	--
TOTALS	2	1	2	1	2	2	2	12	8

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

3

TRAFFIC SIGNAL AND PEDESTRIAN FACES

SIGNAL HEAD NO.	SIGNAL BASE NO.	658.0173* TRAFFIC SIGNAL FACE 3S 12-INCH EACH	658.0174* TRAFFIC SIGNAL FACE 4S 12-INCH EACH	658.0416* PEDESTRIAN SIGNAL FACE 16-INCH EACH
1	SB14	1	--	--
2	SB8	1	--	--
3	SB8	1	--	--
4	SB8	1	--	--
5	SB15	1	--	--
6	SB6	1	--	--
7	SB6	1	--	--
8	SB5	1	--	--
9	SB17	1	--	--
10	SB17	1	--	--
11	SB17	1	--	--
12	SB7	--	1	--
13	SB14	--	1	--
14	SB15	--	1	--
15	SB10	1	--	--
16	SB3	1	--	--
17	SB3	1	--	--
18	SB11	--	1	--
19	SB1	--	1	--
20	SB2	--	1	--
21	SB1	1	--	--
22	SB12	1	--	--
23	SB12	1	--	--
24	SB2	--	1	--
25	SB10	--	1	--
26	SB11	--	1	--
27	SB14	--	--	1
28	SB16	--	--	1
29	SB1	--	--	1
30	SB4	--	--	1
31	SB5	--	--	1
32	SB9	--	--	1
33	SB10	--	--	1
34	SB13	--	--	1
TOTALS		17	9	8

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

CTH KR & CTH H
ALL ITEMS ARE CATEGORY 3000 UNLESS
OTHERWISE NOTED

3

SIGNAL MOUNTING HARDWARE
CTH KR & CTH H

LOCATION	658.5069.301 TRAFFIC SIGNAL MOUNTING HARDWARE LS
CTH KR & CTH H	1
TOTAL	1

TEMPORARY TRAFFIC SIGNALS
CTH KR & CTH H

LOCATION	661.0200.301 TEMPORARY TRAFFIC SIGNALS FOR INTERSECTIONS LS	661.0300* GENERATORS DAY	SPV.0105.313 TEMPORARY EVP SYSTEM LS	SPV.0105.316 TEMPORARY RADAR/MICROWAVE VEHICLE DETECTION SYSTEM LS
CTH KR & CTH H	1	1	1	1
TOTAL	1	1	1	1

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

CTH KR & CTH H
 ALL ITEMS ARE CATEGORY 3000 UNLESS
 OTHERWISE NOTED

3

TRANSPORT AND INSTALL STATE FURNISHED TRAFFIC SIGNAL CABINET
 CTH KR & CTH H

LOCATION	SPV.0105.301 TRANSPORT AND INSTALL STATE FURNISHED TRAFFIC SIGNAL CABINET LS
CB1	1
TOTAL	1

3

TRANSPORT AND INSTALL STATE FURNISHED EMERGENCY VEHICLE
 PREEMPTION (EVP) DETECTOR HEADS WITH CONFIRMATION BEACONS
 CTH KR & CTH H

LOCATION	SPV.0105.307 TRANSPORT AND INSTALL STATE FURNISHED EMERGENCY VEHICLE PREEMPTION (EVP) DETECTOR HEADS WITH CONFIRMATION BEACONS LS
CTH KR & CTH H	1
TOTAL	1

TRANSPORT AND INSTALL STATE FURNISHED RADAR
 DETECTION SYSTEM
 CTH KR & CTH H

LOCATION	SPV.0105.304 TRANSPORT AND INSTALL STATE FURNISHED RADAR DETECTION SYSTEM LS
CTH KR & CTH H	1
TOTAL	1

TRANSPORT TRAFFIC SIGNAL AND INTERSECTION LIGHTING MATERIALS
 CTH KR & CTH H

LOCATION	SPV.0105.310 TRANSPORT TRAFFIC SIGNAL AND INTERSECTION LIGHTING MATERIALS LS
CTH KR & CTH H	1
TOTAL	1

SUMMARY OF STATE FURNISHED MATERIALS - FOR INFORMATION ONLY

QUANTITY	UNIT	DESCRIPTION
1	EACH	TRAFFIC SIGNAL CABINET WITH CONTROLLER AND CO-PROCESSOR
1	EACH	POLES TYPE 9
1	EACH	POLES TYPE 12
2	EACH	POLES TYPE 13
1	EACH	MONOTUBE ARMS 30 FT
1	EACH	MONOTUBE ARMS 40 FT
2	EACH	MONOTUBE ARMS 45 FT
2	EACH	LUMINAIRE ARMS STEEL 15-FT
4	EACH	EVP DETECTOR HEADS WITH CONFIRMATION BEACONS (HEADS A, B, C, D)
2	EACH	RADAR DETECTOR UNIT - MATRIX (RM1, RM2)
2	EACH	RADAR DETECTOR UNIT - ADVANCE EXTENDED (RE1, RE2)
1	EACH	CELL MODEM
1	EACH	ETHERNET SWITCH

CTH H & FOXCONN DRIVEWAY
ALL ITEMS ARE CATEGORY 3000 UNLESS OTHERWISE NOTED

CONDUIT

FROM	TO	652.0225* CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH		652.0235* CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH	
		LF		LF	
CB1	PB1	--		30	
PB1	PB2	--		57	
PB2	PB3	--		150	
PB3	PB4	58		--	
PB3	PB5	--		48	
PB5	PB6	--		80	
PB6	PB7	57		--	
PB6	PB8	--		52	
PB8	PB9	--		126	
PB9	PB10	--		198	
PB10	PB11	--		130	
PB11	PB12	--		100	
PB12	PB13	71		--	
PB12	PB14	--		48	
PB14	PB15	--		84	
PB15	PB16	54		--	
PB15	PB17	--		134	
PB17	PB18	--		66	
PB18	PB19	--		50	
PB19	PB20	--		198	
PB20	PB21	--		41	
PB20	PB22	--		102	
PB22	CB1	--		78	
SUBTOTALS		240		1772	

FROM	TO	652.0225* CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH		652.0235* CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH	
		LF		LF	
PB4	SB1	5		--	
PB5	SB2	14		--	
PB9	SB3	16		--	
PB9	SB4	--		11	
PB10	SB5	15		--	
PB10	SB6	--		27	
PB13	SB7	8		--	
PB14	SB8	11		--	
PB18	SB9	18		--	
PB18	SB10	--		23	
PB21	SB11	13		--	
PB21	SB12	--		10	
SUBTOTALS		100		71	
TOTALS		340		1843	

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

CTH H & FOXCONN DRIVEWAY
 ALL ITEMS ARE CATEGORY 3000 UNLESS
 OTHERWISE NOTED

3

3

LOOP DETECTOR SCHEDULE

LOOP NUMBER	HOMERUN PB	STATION	LOCATION	SIZE (FT)X(FT)	NO. OF TURNS	PAVEMENT TYPE	SDD INSTALLATION REFERENCE	652.0800* CONDUIT LOOP DETECTOR LF	655.0700* LOOP DETECTOR LEAD IN CABLE LF	655.0800* LOOP DETECTOR WIRE LF
11	PB5	842HS+58.4	18.0' RT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 1)	72	120	226
12	PB5	842HS+86.4	18.0' RT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 1)	72	120	226
51	PB14	845HN+19.3	18.0' LT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 1)	72	343	226
52	PB14	844HN+91.3	18.0' LT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 1)	72	343	226
S1	PB7	842HS+10.0	18.0' LT	6'X6'	4	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 1)	44	217	186
S2	PB7	842HS+10.0	6.0' LT	6'X6'	4	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 2)	66	217	274
S3	PB16	845HN+65.0	18.0' RT	6'X6'	5	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 1)	46	355	240
S4	PB16	845HN+65.0	6.0' RT	6'X6'	5	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 2)	70	355	360
TOTALS								514	2070	1964

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE
 ** LOCATION IS TO FRONT CENTER OF DETECTOR LOOP
 *** FINAL LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD

PULL BOXES STEEL

PULL BOX NO.	STATION	LOCATION	653.0135*	653.0140*
			PULL BOXES STEEL 24X36-INCH EACH	PULL BOXES STEEL 24X42-INCH EACH
PB1	842HN+49.7	58.5' RT	--	1
PB2	842HN+61.7	44.4' RT	--	1
PB3	842HN+61.7	6.0' LT	--	1
PB4	843HN+20.0	6.0' LT	1	--
PB5	842HS+62.4	6.0' RT	--	1
PB6	842HS+62.4	34.2' LT	--	1
PB7	842HS+06.0	30.0' LT	1	--
PB8	842HS+88.2	37.0' LT	--	1
PB9	1008FC6B+63.0	18.4' RT	--	1
PB10	844HS+50.9	37.0' LT	--	1
PB11	845HS+16.1	43.8' LT	--	1
PB12	845HS+16.1	6.0' RT	--	1
PB13	844HS+45.0	6.0' RT	1	--
PB14	845HN+15.3	6.0' LT	--	1
PB15	845HN+15.3	36.5' RT	--	1
PB16	845HN+69.0	31.3' RT	1	--
PB17	844HN+57.3	62.0' RT	--	1
PB18	2000E5A1+62.0	19.1' LT	--	1
PB19	2000E5A1+62.0	6.0' RT	--	1
PB20	842HN+99.9	62.0' RT	--	1
PB21	843HN+37.8	45.9' RT	--	1
PB22	842HN+65.7	62.0' RT	--	1
TOTALS			4	18

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

*** FINAL LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD

3

3

CONCRETE BASES

BASE NO.	STATION	LOCATION	654.0101*	654.0102*	654.0110*	654.0113*	654.0217*
			CONCRETE BASES TYPE 1 EACH	CONCRETE BASES TYPE 2 EACH	CONCRETE BASES TYPE 10 EACH	CONCRETE BASES TYPE 13 EACH	CONCRETE CONTROL CABINET BASES TYPE 9 SPECIAL EACH
CB1	842HN+40.0	61.5' RT	--	--	--	--	1
SB1	843HN+25.1	6.0' LT	--	1	--	--	--
SB2	842HS+76.4	6.0' RT	1	--	--	--	--
SB3	1008FC6B+47.5	20.8' RT	--	1	--	--	--
SB4	843HS+41.6	32.0' LT	--	--	1	--	--
SB5	844HS+36.4	32.5' LT	1	--	--	--	--
SB6	1008FC6A+46.5	23.0' LT	--	--	--	1	--
SB7	844HS+37.4	6.0' RT	--	1	--	--	--
SB8	845HN+04.3	6.0' LT	1	--	--	--	--
SB9	2000E5A1+44.3	20.6' LT	--	1	--	--	--
SB10	844HN+31.9	40.8' RT	--	--	--	1	--
SB11	843HN+38.7	32.6' RT	1	--	--	--	--
SB12	2000E5A2+51.3	23.0' RT	--	--	--	1	--
TOTALS			4	4	1	3	1

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

*** FINAL LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD

CTH H & FOXCONN DRIVEWAY
 ALL ITEMS ARE CATEGORY 3000 UNLESS
 OTHERWISE NOTED

UNDERGROUND TRAFFIC SIGNAL CABLE NO. 14

FROM	TO	655.0240*	655.0260*
		CABLE TRAFFIC SIGNAL 7-14 AWG LF	CABLE TRAFFIC SIGNAL 12-14 AWG LF
CB1	SB1	217	--
CB1	SB2	192	--
CB1	SB3	371	--
CB1	SB4	--	366
CB1	SB5	--	485
CB1	SB6	--	497
CB1	SB7	584	--
CB1	SB8	460	--
CB1	SB9	277	--
CB1	SB10	282	--
CB1	SB11	--	173
CB1	SB12	--	170
TOTALS		2383	1691

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

ABOVE GROUND TRAFFIC SIGNAL CABLE NO. 14

FROM	TO	655.0230*
		CABLE TRAFFIC SIGNAL 5-14 AWG LF
SB1	HEAD 12	22
SB2	HEAD 4	22
SB3	HEAD 16	22
	HEAD 18	19
	HEAD 23	15
SB4	HEAD 8	51
	HEAD 9	39
SB5	HEAD 5	22
	HEAD 7	19
SB6	HEAD 14	42
	HEAD 15	19
	HEAD 17	67
	HEAD 24	15
SB7	HEAD 6	22
SB8	HEAD 10	22
SB9	HEAD 13	19
SB10	HEAD 2	60
	HEAD 3	48
SB11	HEAD 1	19
	HEAD 11	22
SB12	HEAD 19	42
	HEAD 20	19
	HEAD 21	66
	HEAD 22	54
TOTAL		767

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

CTH H & FOXCONN DRIVEWAY
 ALL ITEMS ARE CATEGORY 3000 UNLESS
 OTHERWISE NOTED

LIGHTING WIRE

FROM	TO	655.0320* CABLE TYPE UF 2-10 AWG GROUNDED LF	655.0610* ELECTRICAL WIRE LIGHTING 12 AWG LF
CB1	SB1	217	--
SB1	LUMIN (2)	--	234
SB1	SB3	336	--
SB3	LUMIN (2)	--	117
SB3	SB6	182	--
SB6	LUMIN (2)	--	144
CB1	SB12	170	--
SB12	LUMIN (2)	--	144
SB12	SB9	265	--
SB9	LUMIN (2)	--	117
SB9	SB7	367	--
SB7	LUMIN (2)	--	234
TOTALS		1537	990

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

ELECTRICAL WIRE TRAFFIC SIGNALS

FROM	TO	655.0515* ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG LF
CB1	SB1	217
SB1	SB2	157
SB2	SB3	231
SB3	SB4	51
SB4	SB5	165
SB5	SB6	66
SB6	SB7	293
SB7	SB8	170
SB8	SB9	243
SB9	SB10	65
SB10	SB11	273
SB11	SB12	47
SB12	CB1	170
PB1	CB1	33
PB2	CB1	68
PB3	SB1	99
PB4	SB1	25
PB5	SB2	34
PB6	SB2	90
PB8	SB4	110
PB9	SB4	31
PB10	SB6	47
PB11	SB6	128
PB12	SB7	115
PB13	SB7	28
PB14	SB8	31
PB15	SB8	89
PB17	SB10	92
PB18	SB10	43
PB19	SB10	84
PB20	CB1	99
PB21	SB12	30
PB22	CB1	49
TOTAL		3473

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

TRAFFIC SIGNAL EVP DETECTOR CABLE

FROM	TO	655.0210* CABLE TRAFFIC SIGNAL 3-14 AWG LF	655.0900* TRAFFIC SIGNAL EVP DETECTOR CABLE LF
CB1	SB4 (HEAD A)	426	426
CB1	SB6 (HEAD D)	572	572
CB1	SB10 (HEAD B)	352	352
CB1	SB12 (HEAD C)	245	245
TOTALS		1595	1595

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

ELECTRICAL SERVICE METER BREAKER PEDESTAL
CTH H & FOXCONN DRIVEWAY

BASE NO.	656.0200.302 ELECTRICAL SERVICE METER BREAKER PEDESTAL LS
CB1	1
TOTAL	1

***FINAL LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD

CTH H & FOXCONN DRIVEWAY
ALL ITEMS ARE CATEGORY 3000 UNLESS
OTHERWISE NOTED

CAST BASES, POLES, STANDARDS, MONOTUBE ARMS, PUSH BUTTONS, AND LUMINAIRES

SIGNAL BASE NO.	657.0100* PEDESTAL BASES EACH	657.0255* TRANSFORMER BASES BREAKAWAY 11 1/2 INCH BOLT CIRCLE EACH	657.0310* POLES TYPE 3 EACH	657.0425* TRAFFIC SIGNAL STANDARDS ALUMINUM 15-FT EACH	657.0609* LUMINAIRE ARMS SINGLE MEMBER 4-INCH CLAMP 6-FT EACH
SB1	--	1	1	--	2
SB2	1	--	--	1	--
SB3	--	1	1	--	1
SB4	--	--	--	--	--
SB5	1	--	--	1	--
SB6	--	--	--	--	--
SB7	--	1	1	--	2
SB8	1	--	--	1	--
SB9	--	1	1	--	1
SB10	--	--	--	--	--
SB11	1	--	--	1	--
SB12	--	--	--	--	--
TOTALS	4	4	4	4	6

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

3

3

CAST BASES, POLES, MONOTUBE ARMS, PUSH BUTTONS, AND LUMINAIRES (CONT.)

SIGNAL BASE NO.	SPV.0060.309* INSTALL POLES TYPE 9 EACH	SPV.0060.312* INSTALL POLES TYPE 12 EACH	SPV.0060.313 INSTALL POLES TYPE 13 EACH	SPV.0060.330* INSTALL MONOTUBE ARMS 30-FT EACH	SPV.0060.340* INSTALL MONOTUBE ARMS 40-FT EACH	SPV.0060.345* INSTALL MONOTUBE ARMS 45-FT EACH	SPV.0060.360* INSTALL LUMINAIRE ARMS STEEL 15-FT EACH	658.0500* PEDESTRIAN PUSH BUTTONS EACH	659.1125* LUMINAIRES UTILITY LED C EACH
SB1	--	--	--	--	--	--	--	--	2
SB2	--	--	--	--	--	--	--	--	--
SB3	--	--	--	--	--	--	--	1	1
SB4	1	--	--	1	--	--	--	--	--
SB5	--	--	--	--	--	--	--	--	--
SB6	--	--	1	--	--	1	1	1	1
SB7	--	--	--	--	--	--	--	--	2
SB8	--	--	--	--	--	--	--	--	--
SB9	--	--	--	--	--	--	--	--	1
SB10	--	1	--	--	1	--	--	--	--
SB11	--	--	--	--	--	--	--	--	--
SB12	--	--	1	--	--	1	1	--	1
TOTALS	1	1	2	1	1	2	2	2	8

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

CTH H & FOXCONN DRIVEWAY
ALL ITEMS ARE CATEGORY 3000 UNLESS
OTHERWISE NOTED

TRAFFIC SIGNAL AND PEDESTRIAN FACES

SIGNAL HEAD NO.	SIGNAL BASE NO.	658.0173* TRAFFIC SIGNAL FACE 3S 12-INCH EACH	658.0174* TRAFFIC SIGNAL FACE 4S 12-INCH EACH	658.0416* PEDESTRIAN SIGNAL FACE 16-INCH EACH
1	SB11	1	--	--
2	SB10	1	--	--
3	SB10	1	--	--
4	SB2	--	1	--
5	SB5	--	1	--
6	SB7	--	1	--
7	SB5	1	--	--
8	SB4	1	--	--
9	SB4	1	--	--
10	SB8	--	1	--
11	SB11	--	1	--
12	SB1	--	1	--
13	SB9	1	--	--
14	SB6	1	--	--
15	SB6	1	--	--
16	SB4	--	1	--
17	SB6	--	1	--
18	SB3	1	--	--
19	SB12	1	--	--
20	SB12	1	--	--
21	SB12	1	--	--
22	SB12	1	--	--
23	SB3	--	--	1
24	SB6	--	--	1
TOTALS		14	8	2

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

SIGNAL MOUNTING HARDWARE
CTH H & FOXCONN DRIVEWAY

LOCATION	658.5069.302 TRAFFIC SIGNAL MOUNTING HARDWARE LS
CTH H & FOXCONN DRIVEWAY	1
TOTAL	1

3

TRANSPORT AND INSTALL STATE FURNISHED TRAFFIC SIGNAL CABINET
CTH H & FOXCONN DRIVEWAY

LOCATION	SPV.0105.302 TRANSPORT AND INSTALL STATE FURNISHED TRAFFIC SIGNAL CABINET LS
CB1	1
TOTAL	1

CTH H & FOXCONN DRIVEWAY
ALL ITEMS ARE CATEGORY 3000 UNLESS
OTHERWISE NOTED

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TRANSPORT AND INSTALL STATE FURNISHED EMERGENCY VEHICLE
PREEMPTION (EVP) DETECTOR HEADS WITH CONFIRMATION BEACONS
CTH H & FOXCONN DRIVEWAY

LOCATION	SPV.0105.308 TRANSPORT AND INSTALL STATE FURNISHED EMERGENCY VEHICLE PREEMPTION (EVP) DETECTOR HEADS WITH CONFIRMATION BEACONS LS
CTH H & FOXCONN DRIVEWAY	1
TOTAL	1

TRANSPORT AND INSTALL STATE FURNISHED RADAR
DETECTION SYSTEM
CTH H & FOXCONN DRIVEWAY

LOCATION	SPV.0105.304 TRANSPORT AND INSTALL STATE FURNISHED RADAR DETECTION SYSTEM LS
CTH H & FOXCONN DRIVEWAY	1
TOTAL	1

TRANSPORT TRAFFIC SIGNAL AND INTERSECTION LIGHTING MATERIALS
CTH H & FOXCONN DRIVEWAY

LOCATION	SPV.0105.311 TRANSPORT TRAFFIC SIGNAL AND INTERSECTION LIGHTING MATERIALS LS
CTH H & FOXCONN DRIVEWAY	1
TOTAL	1

SUMMARY OF STATE FURNISHED MATERIALS - FOR INFORMATION ONLY

QUANTITY	UNIT	DESCRIPTION
1	EACH	TRAFFIC SIGNAL CABINET WITH CONTROLLER AND CO-PROCESSOR
4	EACH	POLES TYPE 9
4	EACH	MONOTUBE ARMS 30 FT
4	EACH	EVP DETECTOR HEADS WITH CONFIRMATION BEACONS (HEADS A, B, C, D)
3	EACH	RADAR DETECTOR UNIT - ADVANCE EXTENDED (RE1, RE2, RE3, RE4)
1	EACH	CELL MODEM
1	EACH	ETHERNET SWITCH

CTH H & BRAUN ROAD
ALL ITEMS ARE CATEGORY 3000 UNLESS
OTHERWISE NOTED

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CONDUIT

FROM	TO	652.0225* CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	652.0235* CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH LF
CB1	PB1	--	39
PB1	PB2	--	60
PB2	PB3	--	45
PB2	PB4	--	124
PB4	PB5	21	--
PB4	PB6	--	48
PB6	PB7	--	108
PB7	PB8	31	--
PB7	PB9	--	134
PB9	PB10	--	51
PB9	PB11	--	126
PB11	PB12	27	--
PB11	PB13	--	48
PB13	PB14	27	--
PB13	PB15	--	120
PB15	PB16	29	--
PB15	PB17	--	112
PB17	PB18	--	46
PB17	PB19	--	124
PB19	PB20	17	--
PB19	PB21	--	48
PB21	PB22	--	104
PB22	PB23	39	--
PB22	PB24	--	148
PB24	PB25	--	52
PB24	PB26	--	124
PB26	PB27	29	--
PB26	PB28	--	48
PB28	PB29	29	--
PB28	PB30	--	122
PB30	PB31	26	--
PB30	PB32	--	57
PB32	CB1	--	33
SUBTOTALS		275	1921

FROM	TO	652.0225* CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	652.0235* CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH LF
PB3	SB1	9	--
PB3	SB2	--	17
PB5	SB3	25	--
PB6	SB4	34	--
PB10	SB5	9	--
PB10	SB6	--	19
PB12	SB7	25	--
PB14	SB8	13	--
PB18	SB9	9	--
PB18	SB10	--	16
PB20	SB11	32	--
PB21	SB12	31	--
PB25	SB13	8	--
PB25	SB14	--	21
PB27	SB15	25	--
PB29	SB16	13	--
SUBTOTALS		233	73
TOTALS		508	1994

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

CTH H & BRAUN ROAD
ALL ITEMS ARE CATEGORY 3000 UNLESS
OTHERWISE NOTED

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LOOP DETECTOR SCHEDULE

LOOP NUMBER	HOMERUN PB	STATION	LOCATION	SIZE (FT)X(FT)	NO. OF TURNS	PAVEMENT TYPE	SDD INSTALLATION REFERENCE	652.0800* CONDUIT LOOP DETECTOR LF	655.0700* LOOP DETECTOR LEAD IN CABLE LF	655.0800* LOOP DETECTOR WIRE LF
11	PB5	855HS+48.0	18.0' RT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 1)	72	133	226
12	PB5	855HS+76.0	18.0' RT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 1)	72	133	226
31	PB29	155BRE+98.1	18.0' LT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 1)	72	137	226
32	PB29	155BRE+70.1	18.0' LT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 1)	72	137	226
42	PB11	154BRE+13.3	18.0' RT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 2)	94	320	292
43	PB12	154BRE+41.3	18.0' RT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 2)	94	347	292
44	PB11	154BRE+13.3	6.0' RT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 1)	70	320	220
45	PB12	154BRE+41.3	6.0' RT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 1)	72	347	226
51	PB20	857HN+37.2	18.0' LT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 1)	72	361	226
52	PB20	857HN+09.2	18.0' LT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 1)	72	361	226
71	PB14	154BRW+13.0	18.0' RT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 1)	72	371	226
72	PB14	154BRW+41.0	18.0' RT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 1)	72	371	226
82	PB26	155BRW+98.0	18.0' LT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 2)	96	132	298
83	PB27	155BRW+70.0	18.0' LT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 2)	94	161	292
84	PB26	155BRW+98.0	6.0' LT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 1)	72	132	226
85	PB27	155BRW+70.0	6.0' LT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 1)	72	161	226
S1	PB8	855HS+00.0	25.0' LT	6'X20'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 1)	70	221	220
S2	PB8	855HS+00.0	6.0' LT	6'X6'	4	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 2)	92	221	378
S3	PB31	156BRE+45.0	35.0' RT	6'X16'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 1)	64	73	202
S4	PB31	156BRE+45.0	18.0' RT	6'X6'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 2)	86	73	268
S5	PB31	156BRE+45.0	6.0' RT	6'X6'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 2)	110	73	340
S6	PB23	857HN+85.0	24.0' RT	6'X18'	3	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 1)	68	307	214
S7	PB23	857HN+85.0	6.0' RT	6'X6'	5	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 2)	90	307	460
S8	PB16	153BRW+65.0	35.0' LT	6'X16'	4	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 1)	62	433	258
S9	PB16	153BRW+65.0	18.0' LT	6'X6'	5	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 2)	84	433	430
S10	PB16	153BRW+65.0	6.0' LT	6'X6'	5	CONCRETE	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 2)	108	433	550
TOTALS								2074	6498	7200

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE
 ** LOCATION IS TO FRONT CENTER OF DETECTOR LOOP
 *** FINAL LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD

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PULL BOXES STEEL

PULL BOX NO.	STATION	LOCATION	653.0135*	653.0140*
			PULL BOXES STEEL 24X36-INCH EACH	PULL BOXES STEEL 24X42-INCH EACH
PB1	855HN+32.6	75.7' RT	--	1
PB2	855HN+30.0	56.1' RT	--	1
PB3	855HN+71.9	40.1' RT	--	1
PB4	855HN+30.0	6.0' LT	--	1
PB5	855HN+51.3	6.0' LT	1	--
PB6	855HS+30.7	6.0' RT	--	1
PB7	855HS+30.7	47.5' LT	--	1
PB8	854HS+96.0	42.6' LT	1	--
PB9	153BRE+90.4	56.9' RT	--	1
PB10	154BRE+38.7	41.1' RT	--	1
PB11	153BRE+90.4	6.0' LT	--	1
PB12	154BRE+17.3	6.0' LT	1	--
PB13	153BRW+90.0	6.0' RT	--	1
PB14	154BRW+17.0	6.0' RT	1	--
PB15	153BRW+90.0	54.4' LT	--	1
PB16	153BRW+61.0	51.1' LT	1	--
PB17	857HS+50.5	55.6' LT	--	1
PB18	857HS+07.1	40.2' LT	--	1
PB19	857HS+50.5	6.0' RT	--	1
PB20	857HS+33.6	6.0' RT	1	--
PB21	857HN+50.0	6.0' LT	--	1
PB22	857HN+50.0	45.7' RT	--	1
PB23	857HN+89.0	41.7' RT	1	--
PB24	156BRW+22.9	55.7' LT	--	1
PB25	155BRW+73.7	39.4' LT	--	1
PB26	156BRW+22.9	6.0' RT	--	1
PB27	155BRW+94.0	6.0' RT	1	--
PB28	156BRE+23.0	6.0' LT	--	1
PB29	155BRE+94.1	6.0' LT	1	--
PB30	156BRE+23.0	55.0' RT	--	1
PB31	156BRE+49.0	52.2' RT	1	--
PB32	156BRE+18.0	73.4' RT	--	1
TOTALS			10	22

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE
*** FINAL LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD

CONCRETE BASES

BASE NO.	STATION	LOCATION	654.0101* CONCRETE BASES TYPE 1 EACH	654.0102* CONCRETE BASES TYPE 2 EACH	654.0110* CONCRETE BASES TYPE 10 EACH	654.0217* CONCRETE CONTROL CABINET BASES TYPE 9 SPECIAL EACH
CB1	855HN+34.3	88.5' RT	--	--	--	1
SB1	855HN+75.8	32.6' RT	1	--	--	--
SB2	155BRE+70.1	32.0' RT	--	--	1	--
SB3	855HN+75.8	6.0' LT	--	1	--	--
SB4	855HS+65.0	6.0' RT	1	--	--	--
SB5	154BRE+41.8	32.5' RT	1	--	--	--
SB6	855HS+76.0	32.0' RT	--	--	1	--
SB7	154BRE+41.8	6.0' LT	--	1	--	--
SB8	154BRW+30.0	6.0' RT	1	--	--	--
SB9	857HS+02.6	32.5' LT	1	--	--	--
SB10	154BRW+41.0	32.0' LT	--	--	1	--
SB11	857HS+01.6	6.0' RT	--	1	--	--
SB12	857HN+19.2	6.0' LT	1	--	--	--
SB13	155BRW+69.5	32.5' LT	1	--	--	--
SB14	857HN+00.0	32.0' RT	--	--	1	--
SB15	155BRW+69.5	6.0' RT	--	1	--	--
SB16	155BRE+81.3	6.0' LT	1	--	--	--
TOTALS			8	4	4	1

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE
*** FINAL LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD

UNDERGROUND TRAFFIC SIGNAL CABLE NO. 14

FROM	TO	655.0240*	655.0260*
		CABLE TRAFFIC SIGNAL 7-14 AWG LF	CABLE TRAFFIC SIGNAL 12-14 AWG LF
CB1	SB1	--	146
CB1	SB2	--	154
CB1	SB3	216	--
CB1	SB4	228	--
CB1	SB5	--	423
CB1	SB6	--	433
CB1	SB7	494	--
CB1	SB8	522	--
CB1	SB9	--	615
CB1	SB10	--	622
CB1	SB11	531	--
CB1	SB12	457	--
CB1	SB13	--	344
CB1	SB14	--	357
CB1	SB15	260	--
CB1	SB16	208	--
TOTALS		2916	3094

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

ABOVE GROUND TRAFFIC SIGNAL CABLE NO. 14

FROM	TO	655.0230*
		CABLE TRAFFIC SIGNAL 5-14 AWG LF
SB1	HEAD 1	19
	HEAD 11	22
	HEAD 25	15
SB2	HEAD 20	51
	HEAD 21	39
	HEAD 32	15
SB3	HEAD 12	22
SB4	HEAD 4	22
SB5	HEAD 17	22
	HEAD 19	19
	HEAD 27	15
SB6	HEAD 8	51
	HEAD 9	39
	HEAD 26	15
SB7	HEAD 18	22
SB8	HEAD 22	22
SB9	HEAD 5	22
	HEAD 7	19
	HEAD 29	15
SB10	HEAD 14	51
	HEAD 15	39
	HEAD 28	15
SB11	HEAD 6	22
SB12	HEAD 10	22
SB13	HEAD 13	19
	HEAD 23	22
	HEAD 31	15
SB14	HEAD 2	51
	HEAD 3	39
	HEAD 30	15
SB15	HEAD 26	22
SB16	HEAD 16	22
TOTAL		820

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

LIGHTING WIRE

FROM	TO	655.0320* CABLE TYPE UF 2-10 AWG GROUNDED LF	655.0610* ELECTRICAL WIRE LIGHTING 12 AWG LF
CB1	SB3	216	--
SB3	LUMIN (2)	--	234
SB3	SB7	426	--
SB7	LUMIN (2)	--	234
CB1	SB15	260	--
SB15	LUMIN (2)	--	234
SB15	SB11	435	--
SB11	LUMIN (2)	--	234
TOTALS		1337	936

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

ELECTRICAL WIRE TRAFFIC SIGNALS

FROM	TO	655.0515* ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG LF
CB1	SB1	146
SB1	SB2	50
SB2	SB3	242
SB3	SB4	160
SB4	SB5	287
SB5	SB6	52
SB6	SB7	257
SB7	SB8	188
SB8	SB9	299
SB9	SB10	49
SB10	SB11	245
SB11	SB12	160
SB12	SB13	289
SB13	SB14	53
SB14	SB15	261
SB15	SB16	192
SB16	CB1	208
PB1	CB1	36
PB2	CB1	72
PB3	SB2	37
PB4	SB3	82
PB5	SB3	45
PB6	SB4	54
PB7	SB4	124
PB9	SB6	106
PB10	SB6	39
PB11	SB7	88
PB12	SB7	45
PB13	SB8	76
PB14	SB8	33
PB15	SB8	152
PB17	SB10	98
PB18	SB10	36
PB19	SB11	85
PB20	SB11	52
PB21	SB12	51
PB22	SB12	119
PB24	SB14	109
PB25	SB14	41
PB26	SB15	90
PB27	SB15	45
PB28	SB16	78
PB29	SB16	33
PB30	CB1	69
PB32	CB1	34
TOTAL		5067

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

CTH H & BRAUN ROAD

ALL ITEMS ARE CATEGORY 3000 UNLESS OTHERWISE NOTED

TRAFFIC SIGNAL EVP DETECTOR CABLE

FROM	TO	655.0210* CABLE TRAFFIC SIGNAL 3-14 AWG LF	655.0900* TRAFFIC SIGNAL EVP DETECTOR CABLE LF
CB1	SB2 (HEAD C)	214	214
CB1	SB6 (HEAD A)	493	493
CB1	SB10 (HEAD D)	682	682
CB1	SB14 (HEAD B)	417	417
TOTALS		1806	1806

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

ELECTRICAL SERVICE METER BREAKER PEDESTAL
CTH H & BRAUN ROAD

BASE NO.	656.0200.303 ELECTRICAL SERVICE METER BREAKER PEDESTAL LS
CB1	1
TOTAL	1

***FINAL LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD

CTH H & BRAUN ROAD
ALL ITEMS ARE CATEGORY 3000 UNLESS
OTHERWISE NOTED

CAST BASES, POLES, STANDARDS, MONOTUBE ARMS, PUSH BUTTONS, AND LUMINAIRES

SIGNAL BASE NO.	657.0100* PEDESTAL BASES EACH	657.0255* TRANSFORMER BASES BREAKAWAY 11 1/2 INCH BOLT CIRCLE EACH	657.0310* POLES TYPE 3 EACH	657.0425* TRAFFIC SIGNAL STANDARDS ALUMINUM 15-FT EACH	657.0609* LUMINAIRE ARMS SINGLE MEMBER 4-INCH CLAMP 6-FT EACH	SPV.0060.309* INSTALL POLES TYPE 9 EACH	SPV.0060.330* INSTALL MONOTUBE ARMS 30-FT EACH	658.0500* PEDESTRIAN PUSH BUTTONS EACH	659.1125* LUMINAIRES UTILITY LED C EACH
SB1	1	--	--	1	--	--	--	1	--
SB2	--	--	--	--	--	1	1	1	--
SB3	--	1	1	--	2	--	--	1	2
SB4	1	--	--	1	--	--	--	--	--
SB5	1	--	--	1	--	--	--	1	--
SB6	--	--	--	--	--	1	1	1	--
SB7	--	1	1	--	2	--	--	1	2
SB8	1	--	--	1	--	--	--	--	--
SB9	1	--	--	1	--	--	--	1	--
SB10	--	--	--	--	--	1	1	1	--
SB11	--	1	1	--	2	--	--	1	2
SB12	1	--	--	1	--	--	--	--	--
SB13	1	--	--	1	--	--	--	1	--
SB14	--	--	--	--	--	1	1	1	--
SB15	--	1	1	--	2	--	--	1	2
SB16	1	--	--	1	--	--	--	--	--
TOTALS	8	4	4	8	8	4	4	12	8

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

3

TRAFFIC SIGNAL AND PEDESTRIAN FACES

SIGNAL HEAD NO.	SIGNAL BASE NO.	658.0173* TRAFFIC SIGNAL FACE 3S 12-INCH EACH	658.0174* TRAFFIC SIGNAL FACE 4S 12-INCH EACH	658.0416* PEDESTRIAN SIGNAL FACE 16-INCH EACH
1	SB1	1	--	--
2	SB14	1	--	--
3	SB14	1	--	--
4	SB4	--	1	--
5	SB9	--	1	--
6	SB11	--	1	--
7	SB9	1	--	--
8	SB6	1	--	--
9	SB6	1	--	--
10	SB12	--	1	--
11	SB1	--	1	--
12	SB3	--	1	--
13	SB13	1	--	--
14	SB10	1	--	--
15	SB10	1	--	--
16	SB16	--	1	--
17	SB5	--	1	--
18	SB7	--	1	--
19	SB5	1	--	--
20	SB2	1	--	--
21	SB2	1	--	--
22	SB8	--	1	--
23	SB13	--	1	--
24	SB15	--	1	--
25	SB1	--	--	1
26	SB6	--	--	1
27	SB5	--	--	1
28	SB10	--	--	1
29	SB9	--	--	1
30	SB14	--	--	1
31	SB13	--	--	1
32	SB2	--	--	1
TOTALS		12	12	8

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

CTH H & BRAUN ROAD
ALL ITEMS ARE CATEGORY 3000 UNLESS
OTHERWISE NOTED

3

SIGNAL MOUNTING HARDWARE
CTH H & BRAUN ROAD

LOCATION	658.5069.303 TRAFFIC SIGNAL MOUNTING HARDWARE LS
CTH H & BRAUN ROAD	1
TOTAL	1

TEMPORARY TRAFFIC SIGNALS
CTH H & BRAUN ROAD

LOCATION	661.0200.303 TEMPORARY TRAFFIC SIGNALS FOR INTERSECTIONS LS	661.0300* GENERATORS DAY	SPV.0105.315 TEMPORARY EVP SYSTEM LS	SPV.0105.318 TEMPORARY RADAR/MICROWAVE VEHICLE DETECTION SYSTEM LS
CTH H & BRAUN ROAD	1	1	1	1
TOTAL	1	1	1	1

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

3

TRANSPORT AND INSTALL STATE FURNISHED TRAFFIC SIGNAL CABINET
CTH H & BRAUN ROAD

LOCATION	SPV.0105.303 TRANSPORT AND INSTALL STATE FURNISHED TRAFFIC SIGNAL CABINET LS
CB1	1
TOTAL	1

CTH H & BRAUN ROAD
ALL ITEMS ARE CATEGORY 3000 UNLESS
OTHERWISE NOTED

TRANSPORT AND INSTALL STATE FURNISHED EMERGENCY VEHICLE
PREEMPTION (EVP) DETECTOR HEADS WITH CONFIRMATION BEACONS
CTH H & BRAUN ROAD

LOCATION	SPV.0105.309 TRANSPORT AND INSTALL STATE FURNISHED EMERGENCY VEHICLE PREEMPTION (EVP) DETECTOR HEADS WITH CONFIRMATION BEACONS LS
CTH H & BRAUN ROAD	1
TOTAL	1

3

TRANSPORT AND INSTALL STATE FURNISHED RADAR
DETECTION SYSTEM
CTH H & BRAUN ROAD

LOCATION	SPV.0105.306 TRANSPORT AND INSTALL STATE FURNISHED RADAR DETECTION SYSTEM LS
CTH H & BRAUN ROAD	1
TOTAL	1

TRANSPORT TRAFFIC SIGNAL AND INTERSECTION LIGHTING MATERIALS
CTH H & BRAUN ROAD

LOCATION	SPV.0105.312 TRANSPORT TRAFFIC SIGNAL AND INTERSECTION LIGHTING MATERIALS LS
CTH H & BRAUN ROAD	1
TOTAL	1

COMMUNICATION
ALL ITEMS ARE CATEGORY 3000 UNLESS
OTHERWISE NOTED

3

3

CONDUIT

FROM	TO	652.0225*	652.0235*
		RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	RIGID NONMETALLIC SCHEDULE 40 3-INCH LF
CB1 (S51-1453)	ICPB1	10	--
ICPB1	CV805	--	53
CB1 (S51-1470)	ICPB2	21	--
ICPB2	CV843	--	114
CB1 (S51-1452)	ICPB3	20	--
ICPB3	ICPB4	--	48
ICPB4	CV855	--	125
TOTALS		51	340

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

PULL BOXES STEEL

PULL BOX NO.	STATION	LOCATION	653.0135*	653.0140*
			PULL BOXES STEEL 24X36-INCH EACH	PULL BOXES STEEL 24X42-INCH EACH
ICPB1	805HS+00.0	88.9'LT	1	--
ICPB2	842HN+50.0	42.5'RT	--	1
ICPB3	855HN+25.0	71.3'RT	--	1
ICPB4	854HN+85.0	98.2'RT	--	1
TOTALS			1	3

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

*** FINAL LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD

ELECTRICAL WIRE TRAFFIC SIGNALS

FROM	TO	655.0510
		ELECTRICAL WIRE TRAFFIC SIGNALS 12 AWG LF
CB1 (S51-1453)	CV805	104
CB1 (S51-1470)	CV843	174
CB1 (S51-1452)	CV855	248
TOTAL		104

ITS COMMUNICATION VAULTS

CATEGORY	ROADWAY	ITEM ID	673.0105	673.0200
			COMMUNICATION VAULT TYPE 1 EACH	TRACER WIRE MARKER POSTS EACH
4000	CTH H	CV803	1	1
		CV805	1	1
		CV813	1	1
		CV819	1	1
		CV831	1	1
		CV843	1	1
		CV855	1	1
		CV862	1	1
<u>TOTALS</u>			8	8

MISCELLANEOUS ITS ITEMS

CATEGORY	ITEM I.D.	670.0200.001
		ITS DOCUMENTATION LS
4000	MISCELLANEOUS	1
<u>TOTAL</u>		1

ITS CONDUIT

CATEGORY	ROADWAY	ITEM ID	LINEAR DISTANCE	671.0122	655.0510
				CONDUIT HDPE 2-DUCT 2-INCH LF	ELECTRICAL WIRE TRAFFIC SIGNALS 12 AWG LF
4000	CTH H	EXCV447 - CV803	230	230	239
		CV803 - CV805	165	165	174
		CV805 - CV813	850	850	859
		CV813 - CV819	620	620	629
		CV819 - CV831	1230	1,230	1,239
		CV831 - CV843	1140	1,140	1,149
		CV843 - CV855	1240	1,240	1,249
		CV855 - CV862	720	720	729
<u>TOTALS</u>			5,965	6,028	

LIGHTING AND MISCELLANEOUS - FINAL

CATEGORY	DESCRIPTION	LOCATION	653.0135	654.0105*	654.0230	657.0255
			PULL BOXES STEEL 24x36- INCH	CONCRETE BASES TYPE 5	CONCRETE CONTROL CABINET BASES TYPE L30	TRANSFORMER BASES BREAKAWAY 11 1/2-INCH BOLT CIRCLE (NOTE 1)
			EACH	EACH	EACH	EACH
5000	BASE KH-17	STA. 447+86.97, 12.00' LT	--	1	--	1
	PULLBOX PB-KH2	STA. 449+22.33, 12.42' LT	1	--	--	--
	PULLBOX PB-KH3	STA. 804HS+45.77, 135.36' LT	1	--	--	--
	LCC-KH	STA. 804HS+94.16, 83.86' LT	--	--	1	--
	PULLBOX PB-KH4	STA. 805HS+47.27, 43.01' LT	1	--	--	--
	PULLBOX PB-KH5	STA. 805HS+48.91, 17.79' RT	1	--	--	--
	PULLBOX PB-KH6	STA. 805HS+46.95, 57.42' RT	1	--	--	--
	PULLBOX PB-KH7	STA. 804HS+64.20, 167.36' RT	1	--	--	--
	PULLBOX PB-KH8	STA. 452+26.05, 11.87' RT	1	--	--	--
	BASE KH-18	STA. 453+46.66, 12.00' RT	--	1	--	1
	BASE KH-40	STA. 806HS+85.93, 18.66' RT	--	1	--	1
	BASE KH-41	STA. 808HS+86.29, 19.37' RT	--	1	--	1
	BASE KH-42	STA. 810HS+85.51, 18.29' RT	--	1	--	1
	BASE KH-43	STA. 812HS+94.70, 17.94' RT	--	1	--	1
	BASE KH44	STA. 815HS+05.41, 16.19' RT	--	1	--	1
	BASE KH-45	STA. 817HS+14.40, 6.17' RT	--	1	--	1
	PULLBOX PB-KH20	STA. 817HS+25.48, 30.78' RT	1	--	--	--
	PULLBOX PB-KH21	STA. 817HS+26.68, 80.90' RT	1	--	--	--
	BASE KH-46	STA. 818HS+78.90, 98.49' RT	--	1	--	1
	BASE KH-47	STA. 819HS+23.19, 29.94' RT	--	1	--	1
	PULLBOX PB-KH22	STA. 819HS+19.86, 60.02' LT	1	--	--	--
	BASE KH-48	STA. 820HS+27.14, 63.40' LT	--	1	--	1
	PULLBOX PB-KH23	STA. 821HS+16.49, 30.67' RT	1	--	--	--
	BASE KH-49	STA. 821HS+16.06, 5.99' RT	--	1	--	1
	BASE KH-50	STA. 823HS+59.23, 22.64' RT	--	1	--	1
	BASE KH-51	STA. 825HS+83.41, 17.80' RT	--	1	--	1
	BASE KH-52	STA. 828HS+02.54, 16.78' RT	--	1	--	1
	BASE KH-53	STA. 830HS+21.98, 15.64' RT	--	1	--	1
	BASE KH-54	STA. 832HS+41.29, 29.81' RT	--	1	--	1
	BASE KH-55	STA. 834HS+61.69, 20.63' RT	--	1	--	1
	BASE KH-56	STA. 836HS+91.19, 17.87' RT	--	1	--	1
	BASE KH-57	STA. 839HS+30.80, 12.10' RT	--	1	--	1
	BASE KH-58	STA. 841HS+20.87, 5.98' RT	--	1	--	1
	BASE BH-22	STA. 846HS+22.47, 30.15' RT	--	1	--	1
	BASE BH-21	STA. 848HS+07.41, 19.94' RT	--	1	--	1
	BASE BH-20	STA. 850HS+20.97, 13.74' RT	--	1	--	1
	BASE BH-19	STA. 852HS+05.83, 6.13' RT	--	1	--	1
	BASE BH-18	STA. 853HS+90.94, 5.95' RT	--	--	1	--
	LCC-BH	STA. 855HS+00.84, 74.96' LT	--	1	--	1
	PULLBOX PB-BH8	STA. 855HS+12.85, 44.26' LT	1	--	--	--
	PULLBOX PB-BH9	STA. 855HS+13.29, 42.15' RT	1	--	--	--
	PULLBOX PB-BH10	STA. 855HS+15.90, 87.26' RT	1	--	--	--
	PULLBOX PB-BH11	STA. 157BRW+67.69, 77.30' RT	1	--	--	--
	BASE BH-23	STA. 157BRW+69.99, 28.04' RT	--	1	--	1
	BASE BH-24	STA. 160BRW+68.79, 20.71' RT	--	1	--	1
	PULLBOX PB-BH12	STA. 162BRW+15.76, 14.49' RT	1	--	--	--
	BASE BH-25	STA. 162BRW+7.48, 128.13' RT	--	1	--	1
	BASE BH-26	STA. 162BRW+86.37, 41.46' RT	--	1	--	1
	BASE BH-27	STA. 165BRW+6.70, 40.69 RT	--	1	--	1
	BASE BH-28	STA. 167BRW+28.54, 11.67' RT	--	1	--	1
	PULLBOX PB-BH1	STA. 855HS+78.81, 140.84' LT	1	--	--	--
	PULLBOX PB-BH2	STA. 856HS+55.64, 140.60' LT	1	--	--	--
	PULLBOX PB-BH3	STA. 857HS+12.89, 140.11' LT	1	--	--	--
	BASE BH-29	STA. 152BRW+40.68, 5.46' RT	--	1	--	1
	PULLBOX PB-BH14	STA. 859HS+00.41, 42.02' LT	1	--	--	--
	BASE BH-30	STA. 859HS+02.15, 28.91' RT	--	1	--	1
	BASE BH-31	STA. 861HS+02.07, 17.86' RT	--	1	--	1
5000	TOTALS		20	35	2	35

* = ADDITIONAL QUANTITIES SHOWN ELSEWHERE

NOTE

1. 1/8" ALUMINUM OR STEEL PLATE TO COVER THE TOP OPENING OF THE TRANSFORMER BASE. COVER TO BE BOLTED DOWN. COVER TO PREVENT WATER FROM ENTERING TRANSFORMER BASE. COST OF COVER IS INCIDENTAL TO THE COST OF THE TRANSFORMER BASE.

3

3

LIGHTING - WIRE AND CONDUIT - FINAL

CATEGORY	FROM	TO	652.0225*	652.0235*
			CONDUIT RIGID NONMETALLIC SCHEDULE 40 2 -INCH	CONDUIT RIGID NONMETALLIC SCHEDULE 40 3 -INCH
			LF	LF
5000	STUB	BASE KH-17	92	--
	BASE KH-17	PB-KH2	141	--
	PB-KH2	PB-KH3	--	59
	PB-KH3	LCC-KH	--	84
	LCC-KH	PB-KH4	--	67
	LCC-KH	PB-KH4	--	67
	PB-KH4	PB-KH5	--	61
	PB-KH4	PB-KH5	--	61
	PB-KH5	PB-KH6	--	45
	PB-KH6	PB-KH7	159	--
	PB-KH7	PB-KH8	--	89
	PB-KH8	BASE KH-18	126	--
	BASE KH-18	STUB	159	--
	PB-KH5	BASE KH-40	142	--
	BASE KH-40	BASE KH-41	205	--
	BASE KH-41	BASE KH-42	215	--
	BASE KH-42	BASE KH-43	231	--
	BASE KH-43	BASE KH-44	234	--
	BASE KH-44	BASE KH-45	224	--
	BASE KH-45	PB KH-20	--	32
	PB KH-20	PB KH-21	--	56
	PB KH-21	BASE KH-46	166	--
	PB KH-20	BASE KH-47	203	--
	BASE KH-47	PB KH-22	--	91
	PB KH-22	BASE KH-48	--	113
	BASE KH-47	PB KH-23	--	198
	PB KH-23	BASE KH-49	--	30
	PB KH-23	BASE KH-50	248	--
	BASE KH-50	BASE KH-51	243	--
	BASE KH-51	BASE KH-52	240	--
	BASE KH-52	BASE KH-53	236	--
	BASE KH-53	BASE KH-54	236	--
	BASE KH-54	BASE KH-55	232	--
	BASE KH-55	BASE KH-56	248	--
	BASE KH-56	BASE KH-57	256	--
	BASE KH-57	BASE KH-58	196	--
	BASE BH-22	BASE BH-21	195	--
	BASE BH-21	BASE BH-20	235	--
	BASE BH-20	BASE BH-19	195	--
	BASE BH-19	BASE BH-18	191	--
	BASE BH-18	PB BH-9	127	--
	PB BH-9	PB BH-10	--	87
	PB BH-10	PB BH-11	--	220
	PB BH-11	BASE BH-23	--	50
	BASE BH-23	BASE BH-24	317	--
	BASE BH-24	PB BH-12	161	--
	PB BH-12	BASE BH-25	--	120
	PB BH-12	BASE BH-26	--	77
	BASE BH-26	BASE BH-27	111	--
	BASE BH-27	BASE BH-28	227	--
	BASE BH-28	STUB	--	58
	PB BH-9	PB BH-8	--	56
	PB BH-9	PB BH-8	--	56
	PB BH-8	LCC-BH	--	35
	PB BH-8	LCC-BH	--	35
	LCC-BH	PB BH-1	--	110
	LCC-BH	PB BH-1	--	110
	PB BH-1	PB BH-2	--	76
	PB BH-1	PB BH-2	--	76
	PB BH-2	BASE BH-29	112	--
	BASE BH-29	STUB	222	--
	PB BH-2	PB BH-3	--	56
	PB BH-3	PB BH-14	261	--
	PB BH-14	BASE BH-30	--	77
	BASE BH-30	BASE BH-31	214	--
	BASE BH-31	STUB	115	--
5000		TOTALS	7115	2352

* = ADDITIONAL QUANTITIES SHOWN ELSEWHERE

3

3

R/W PROJECT NUMBER RC092617	SHEET NUMBER 4.00	TOTAL SHEETS 7
CONSTRUCTION PROJECT NUMBER 3760-00-70		
PLAT OF RIGHT OF WAY REQUIRED FOR CTH H CTH KR TO BRAUN ROAD		
CTH H	KENOSHA COUNTY & RACINE COUNTY	

7-26-2018

CONVENTIONAL ABBREVIATIONS

ACCESS RIGHTS	AR	POINT OF INTERSECTION	PI
ACRES	AC	PROPERTY LINE	PL
AHEAD	AH	PUBLIC ROAD ACCESS POINT	PRAP
ALUMINUM	ALUM	RECORDED AS (100')	R
AND OTHERS	ET AL	REEL / IMAGE	R/I
BACK	BK	REFERENCE LINE	R/L
BLOCK	BLK	REMAINING	REM
CENTERLINE	C/L	RESTRICTIVE DEVELOPMENT EASEMENT	RDE
CERTIFIED SURVEY MAP	CSM		
CONCRETE	CONC	RIGHT	RT
COUNTY	CO	RIGHT OF WAY	R/W
COUNTY TRUNK HIGHWAY	CTH	SECTION	SEC
DISTANCE	DIST	SEPTIC VENT	SEPV
CORNER	COR	SQUARE FEET	SF
DOCUMENT NUMBER	DOC	STATE TRUNK HIGHWAY	STH
EASEMENT	EASE	STATION	STA
EXISTING	EX	TELEPHONE PEDESTAL	TP
GAS VALVE	GV	TEMPORARY LIMITED EASEMENT	TLE
GRID NORTH	GN	TRANSPORTATION PROJECT	TPP
HIGHWAY EASEMENT	HE	PLAT	
IDENTIFICATION	ID	UNITED STATES HIGHWAY	USH
LAND CONTRACT	LC	VOLUME	V
LEFT	LT		
MONUMENT	MON		
NATIONAL GEODETIC SURVEY NUMBER	NGS		
OUTLOT	OL		
PAGE	P		
POINT OF TANGENCY	PT		
PERMANENT LIMITED EASEMENT	PLE		
POINT OF BEGINNING	POB		
POINT OF CURVATURE	PC		
POINT OF COMPOUND CURVE	PCC		

CURVE DATA

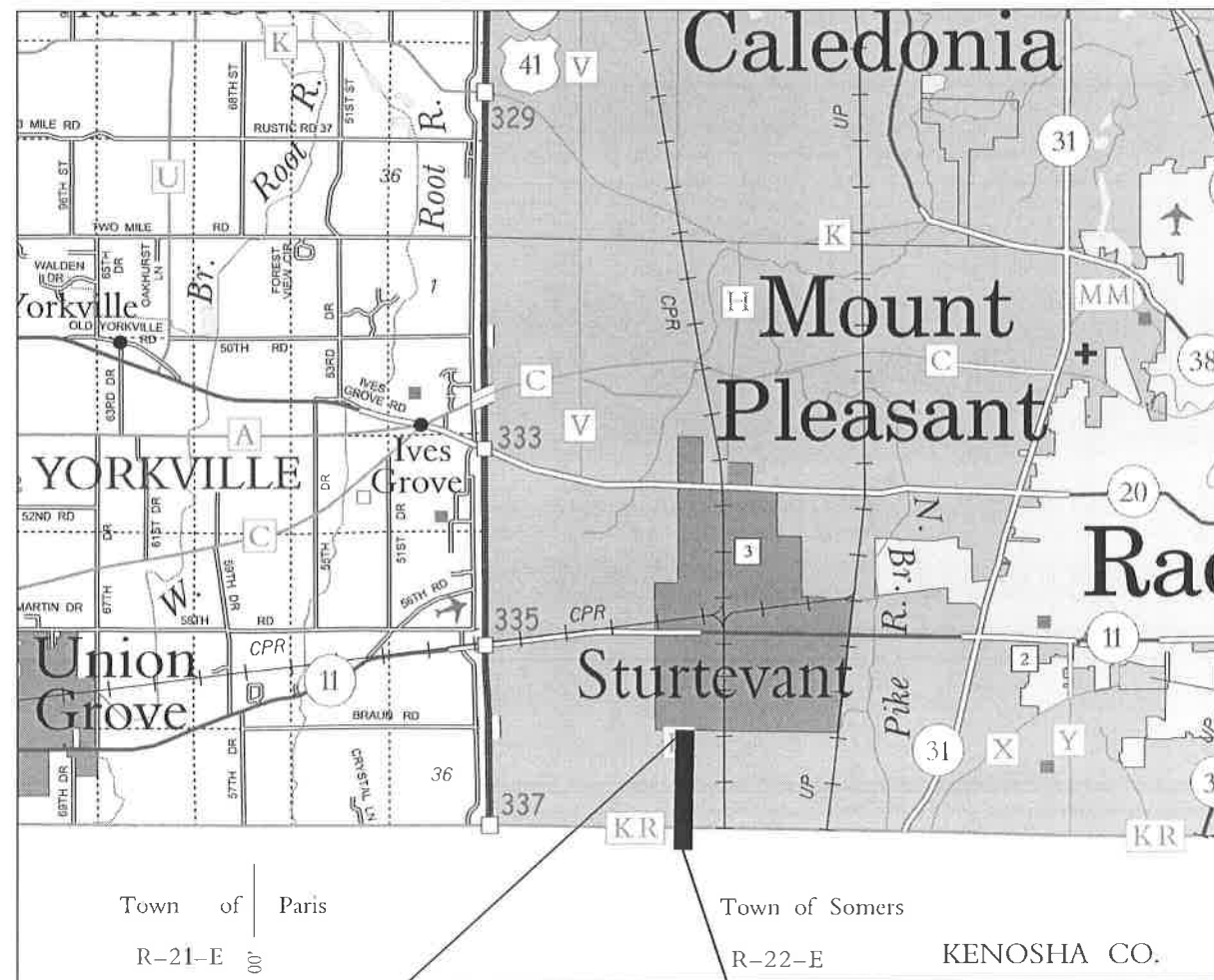
LONG CHORD	LCH
LONG CHORD BEARING	LCB
RADIUS	R
DEGREE OF CURVE	D
CENTRAL ANGLE	Δ/DELTA
LENGTH OF CURVE	L
TANGENT	T
DIRECTION AHEAD	DA
DIRECTION BACK	DB

CONVENTIONAL SYMBOLS

SECTION LINE	---	SECTION CORNER SYMBOL	⊙	R/W MONUMENT (TO BE SET)	•
QUARTER LINE	---	SECTION CORNER MONUMENT	⊙	NON-MONUMENTED R/W POINT	○
SIXTEENTH LINE	---	GEODETIC SURVEY MONUMENT	⊙	FOUND IRON PIN (1-INCH UNLESS NOTED)	IP
NEW REFERENCE LINE	---	SIXTEENTH CORNER MONUMENT	⊙	OFF-PREMISE SIGN	⊙
NEW R/W LINE	---	SIGN	⊙		
EXISTING R/W OR HE LINE	---	ELECTRIC POLE	⊙	COMPENSABLE	⊙
PROPERTY LINE	---	TELEPHONE POLE	⊙	NON-COMPENSABLE	⊙
LOT, TIE & OTHER MINOR LINES	---	PEDESTAL (LABEL TYPE) (TV, TEL, ELEC, ETC.)	⊙		
SLOPE INTERCEPT	---	ACCESS RESTRICTED BY ACQUISITION	---		
CORPORATE LIMITS	---	NO ACCESS (BY STATUTORY AUTHORITY)	---		
UNDERGROUND FACILITY (COMMUNICATIONS, ELECTRIC, ETC.)	---	ACCESS RESTRICTED BY PREVIOUS PROJECT OR CONTROL	---		
NEW R/W (FEE OR HE) (MATCHING VARIES BY OWNER)	---	NO ACCESS (NEW HIGHWAY)	---		
TEMPORARY LIMITED EASEMENT AREA	---	PARCEL NUMBER (25)	⊙	UTILITY NUMBER (40)	⊙
EASEMENT AREA (PERMANENT LIMITED OR RESTRICTED DEVELOPMENT)	---	PARALLEL OFFSETS	---		
TRANSMISSION STRUCTURES	---				
BUILDING	---				
BRIDGE	---				

CONVENTIONAL UTILITY SYMBOLS

WATER	---
GAS	---
TELEPHONE OVERHEAD	---
TRANSMISSION LINES	---
ELECTRIC	---
CABLE TELEVISION	---
FIBER OPTIC	---
SANITARY SEWER	---
STORM SEWER	---



BEGIN RELOCATION ORDER
1262.58 FEET SOUTH AND
18.53 FEET EAST OF THE
NORTHWEST CORNER OF
SEC. 5 T2N R22E
STA 790+50.38

END RELOCATION ORDER
0 FEET NORTH AND 0
FEET EAST OF THE
SOUTHEAST CORNER OF
SEC. 29 T3N R22E
STA 856+38.94

LAYOUT
SCALE 0 0.50 MI.

THE NOTES, CONVENTIONAL SIGNS, AND ABBREVIATIONS ARE ASSOCIATED WITH EACH RIGHT OF WAY PLAT FOR PROJECT RC092617.

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, RACINE COUNTY, NAD83(97), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

ALL RIGHT-OF-WAY LINES DEPICTED IN THE NON-ACQUISITION AREAS ARE INTENDED TO RE-ESTABLISH EXISTING RIGHT-OF-WAY LINES AS DETERMINED FROM PREVIOUS PROJECTS, OTHER RECORDED DOCUMENTS, OR FROM CENTERLINE OF EXISTING PAVEMENTS.

RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS" OF PUBLIC RECORD.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO THE NEW REFERENCE LINES.

A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON, THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE. ALL (TLEs) ON THIS PLAT EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

A PERMANENT LIMITED EASEMENT (PLE) IS A RIGHT FOR CONSTRUCTION AND MAINTENANCE PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE, BUT WITHOUT PREJUDICE TO THE OWNER'S RIGHTS TO MAKE OR CONSTRUCT IMPROVEMENTS ON SAID LANDS OR TO FLATTEN THE SLOPES, PROVIDING SAID ACTIVITIES WILL NOT IMPAIR OR OTHERWISE ADVERSELY AFFECT THE HIGHWAY FACILITIES.

AN EASEMENT FOR HIGHWAY PURPOSES (HE), AS LONG AS SO USED, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE.

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, INCLUDING RIGHT-OF-WAY, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN WAUKESHA.

PARCEL IDENTIFICATION NUMBERS MAY NOT POINT TO ALL AREAS OF ACQUISITION, AS NOTED ON THE SCHEDULE OF LANDS & INTERESTS REQUIRED.

EXISTING ACCESS CONTROL ALONG CTH H HAS BEEN ESTABLISHED FROM PREVIOUS PROJECT -NONE-

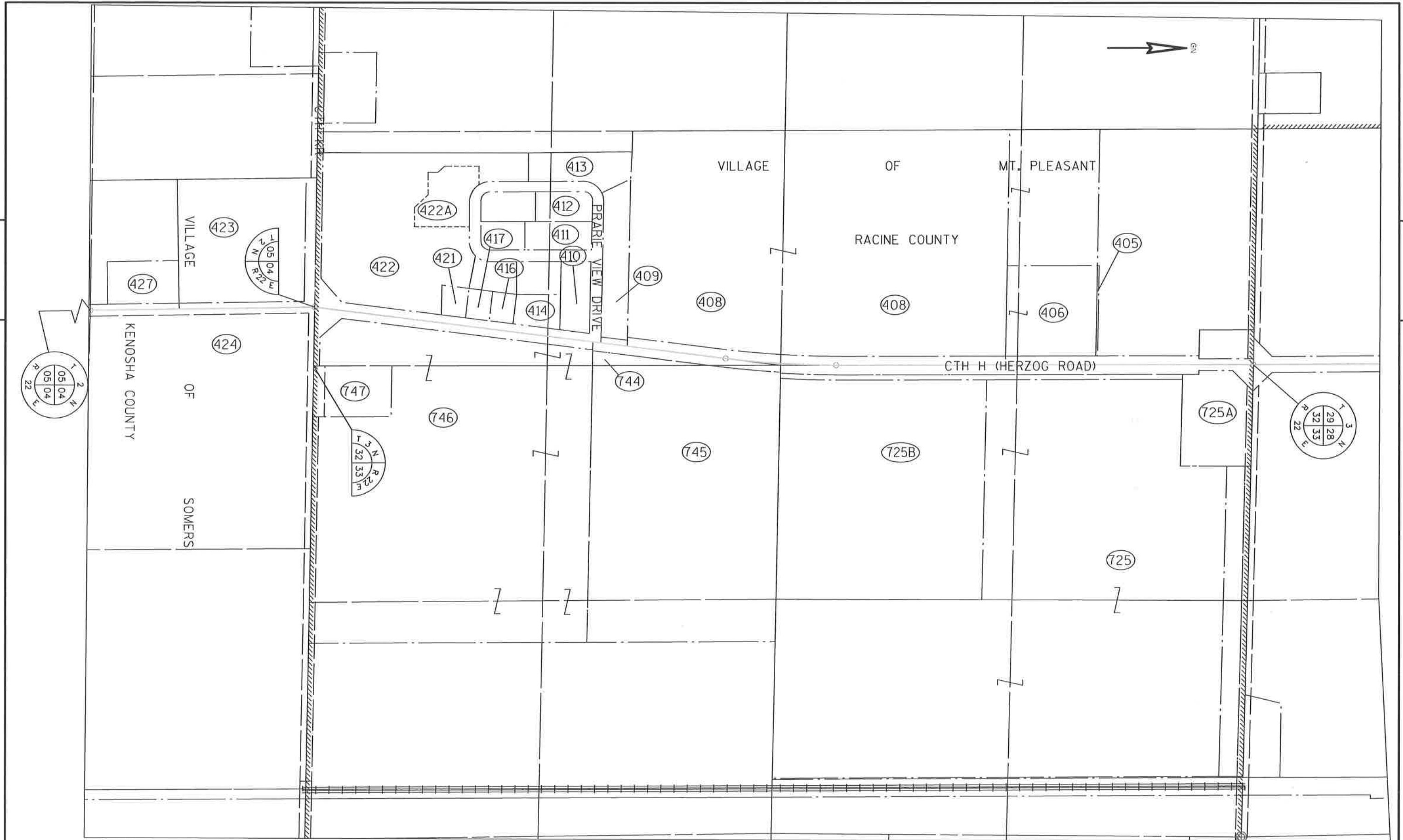
EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE: RECORD DEEDS, RACINE COUNTY PROJ. 61-72H.

REVISION DATE:
12/26/2017
2/13/2018
7/12/2018

VILLAGE OF MOUNT PLEASANT

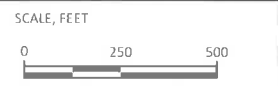
APPROVED BY:

DATE: _____



REVISION DATE	12/26/2017
	2/13/2018
	7/12/2018

DATE	11/16/2017
GRID FACTOR	N/A



HWY:	CTH H
COUNTY:	RACINE & KENOSHA

STATE R/W PROJECT NUMBER	RC092617
CONSTRUCTION PROJECT NUMBER	3760-00-70

PLAT SHEET	4.	01
PS&E SHEET		E

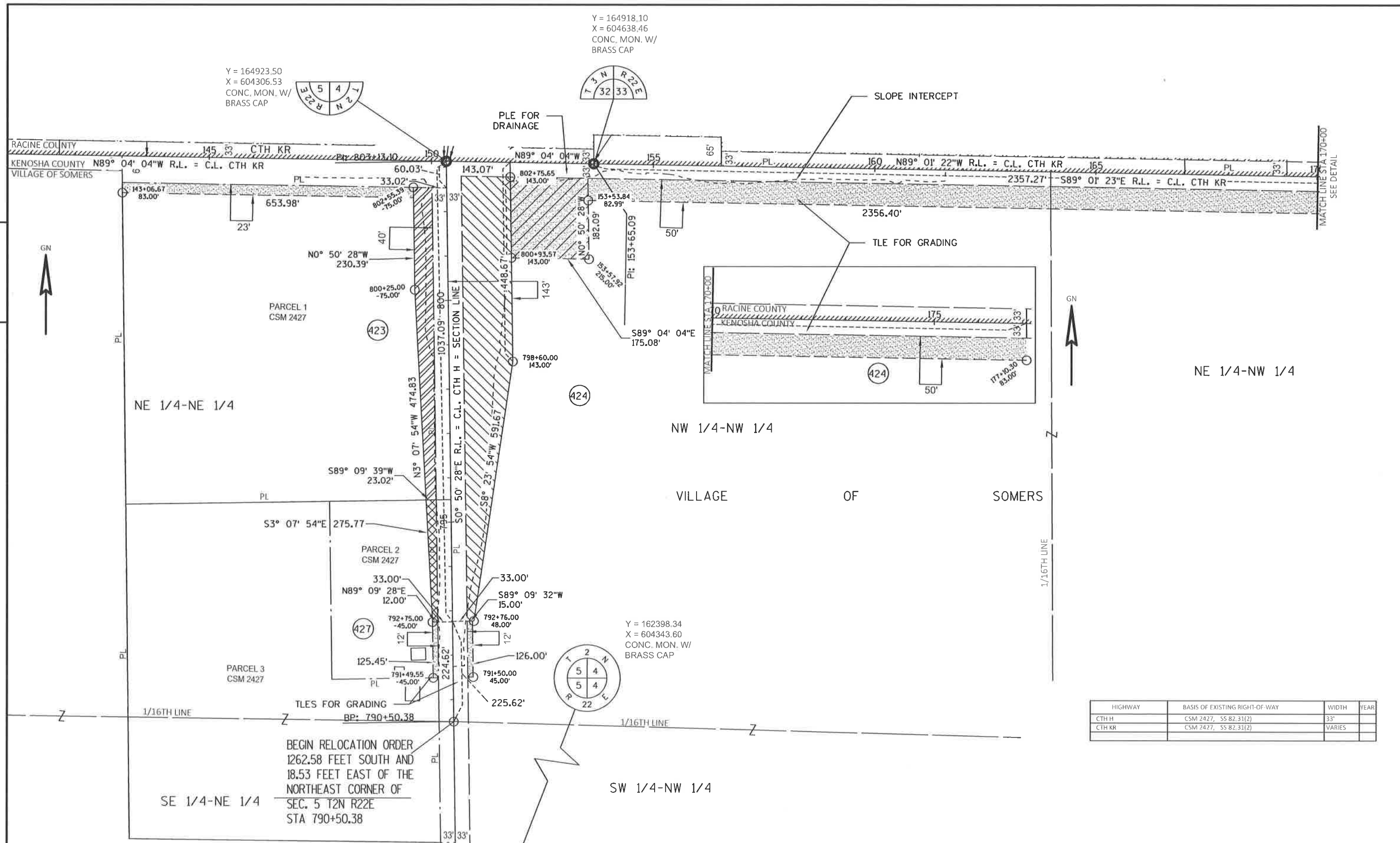
SCHEDULE OF LANDS & INTERESTS REQUIRED

AREAS SHOWN IN THE TOTAL ACRES COLUMN MAY BE APPROXIMATE AND ARE DERIVED FROM TAX ROLLS OR OTHER AVAILABLE SOURCES AND MAY NOT INCLUDE LANDS OF THE OWNER WHICH ARE NOT CONTIGUOUS TO THE AREA BEING ACQUIRED.
*INDICATES COMPUTED AREA

PARCEL NUMBER	SHEET NUMBER	OWNER(S)	INTEREST REQUIRED	PARCEL AREA ACRES	T.L.E. AREA REQUIRED ACRES	P.L.E. AREA REQUIRED ACRES	R/W AREA REQUIRED NEW ACRES	R/W AREA REQUIRED EXISTING ACRES	R/W AREA REQUIRED TOTAL ACRES	PARCEL NUMBER
405***	4.05	VILLAGE OF MOUNT PLEASANT	FEE, AR, TLE	0.117	0.006	0.000	0.008	0.000	0.008	405
406***	4.05	VILLAGE OF MOUNT PLEASANT	FEE, AR, TLE	5.970	0.293	0.000	0.398	0.000	0.398	406
408***	4.05	VILLAGE OF MOUNT PLEASANT	FEE, AR, TLE	61.317*	1.230	0.000	1.664	0.000	1.664	408
409***	4.04	VILLAGE OF MOUNT PLEASANT	FEE	3.094	0.000	0.000	2.979	0.115	3.094	409
410***	4.04	VILLAGE OF MOUNT PLEASANT	FEE, AR, TLE	1.524	0.293	0.000	0.151	0.000	0.151	410
411***	4.04	VILLAGE OF MOUNT PLEASANT	AR, TLE	1.383	0.100	0.000	0.000	0.000	0.000	411
412	4.04	ADAM J HALL AND CHRISTY M HALL	AR, TLE	1.229	0.097	0.000	0.000	0.000	0.000	412
413***	4.04	VILLAGE OF MOUNT PLEASANT	FEE, AR, TLE	2.30	0.098	0.000	0.968	0.000	0.968	413
414***	4.04	VILLAGE OF MOUNT PLEASANT	FEE, AR, TLE	1.080	0.150	0.000	0.237	0.000	0.237	414
416***	4.04	VILLAGE OF MOUNT PLEASANT	FEE, AR, TLE	0.522	0.400	0.000	0.122	0.000	0.122	416
417***	4.04	VILLAGE OF MOUNT PLEASANT	FEE, AR, TLE	0.522	0.400	0.000	0.122	0.000	0.122	417
421***	4.04	VILLAGE OF MOUNT PLEASANT	FEE, AR, TLE	0.7200	0.436	0.000	0.124	0.000	0.124	421
422***	4.04	VILLAGE OF MOUNT PLEASANT	FEE, AR, TLE	13.062*	1.199	0.000	3.354	0.000	3.354	422
422A**	4.04	JOHN BAIETTO		2.196*	0.000	0.000	0.000	0.000	0.000	422A
423***	4.03	GITZLAFF PROPERTIES LLC	FEE, TLE	11.430	0.345	0.000	0.576	0.000	0.576	423
424***	4.03	GITZLAFF PROPERTIES LLC	FEE, PLE, TLE	151.500	2.740	0.732	1.892	2.787	4.679	424
427***	4.03	REVERE PROPERTIES	FEE, TLE	2.21	0.035	0.000	0.111	0.000	0.111	427
725***	4.05 & 4.06	VILLAGE OF MOUNT PLEASANT	FEE, AR, TLE	94.212	1.628	0.000	4.847	0.000	6.174	725
725A**	4.06	THOMAS W FLIESS	FEE	4.736	0.000	0.000	4.402	0.000	4.402	725A
725B***	4.05	ATC, LLC	FEE, AR, TLE	33.138	0.669	0.000	0.780	0.000	0.780	725B
744***	4.04	VILLAGE OF MOUNT PLEASANT	FEE, AR, TLE	0.638	0.169	0.000	0.413	0.000	0.413	744
745***	4.05	VILLAGE OF MOUNT PLEASANT	FEE, AR, TLE	37.988	0.445	0.000	0.424	0.000	0.424	745
746***	4.04	VILLAGE OF MOUNT PLEASANT	FEE, PLE, AR, TLE	60.017*	2.071	1.640	6.804	0.968	7.772	746
747	4.04	MICHAEL R & MARY JUDY SCHMIDT	FEE, AR, TLE	2.400*	0.000	0.000	2.477	0.430	2.907	747

4

REVISED: 12/26/17, 2/13/2018**, 7/12/2018***	DATE: 11/08/2017	HWY: CTH H	R/W PROJECT NO. RC092617	PLAT SHEET NO: 4.02
		COUNTY: KENOSHA & RACINE	CONSTRUCTION PROJECT NO. 3760-00-70	E



Y = 164918.10
X = 604638.46
CONC. MON. W/
BRASS CAP

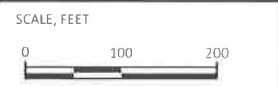
Y = 164923.50
X = 604306.53
CONC. MON. W/
BRASS CAP

Y = 162398.34
X = 604343.60
CONC. MON. W/
BRASS CAP

HIGHWAY	BASIS OF EXISTING RIGHT-OF-WAY	WIDTH	YEAR
CTH H	CSM 2427, SS 82.31(2)	33'	
CTH KR	CSM 2427, SS 82.31(2)	VARIES	

REVISION DATE	12/26/17		
	2/13/2018		
	7/12/2018		

DATE	11/08/17
GRID FACTOR	N/A



HWY:	CTH H
COUNTY:	RACINE

STATE R/W PROJECT NUMBER	RC092617
CONSTRUCTION PROJECT NUMBER	3760-00-70

PLAT SHEET	4.03
PS&E SHEET	E

FILE NAME : CTH H DETAIL SHEETS.DWG
LAYOUT NAME - 4.03 1 IN 200 FT

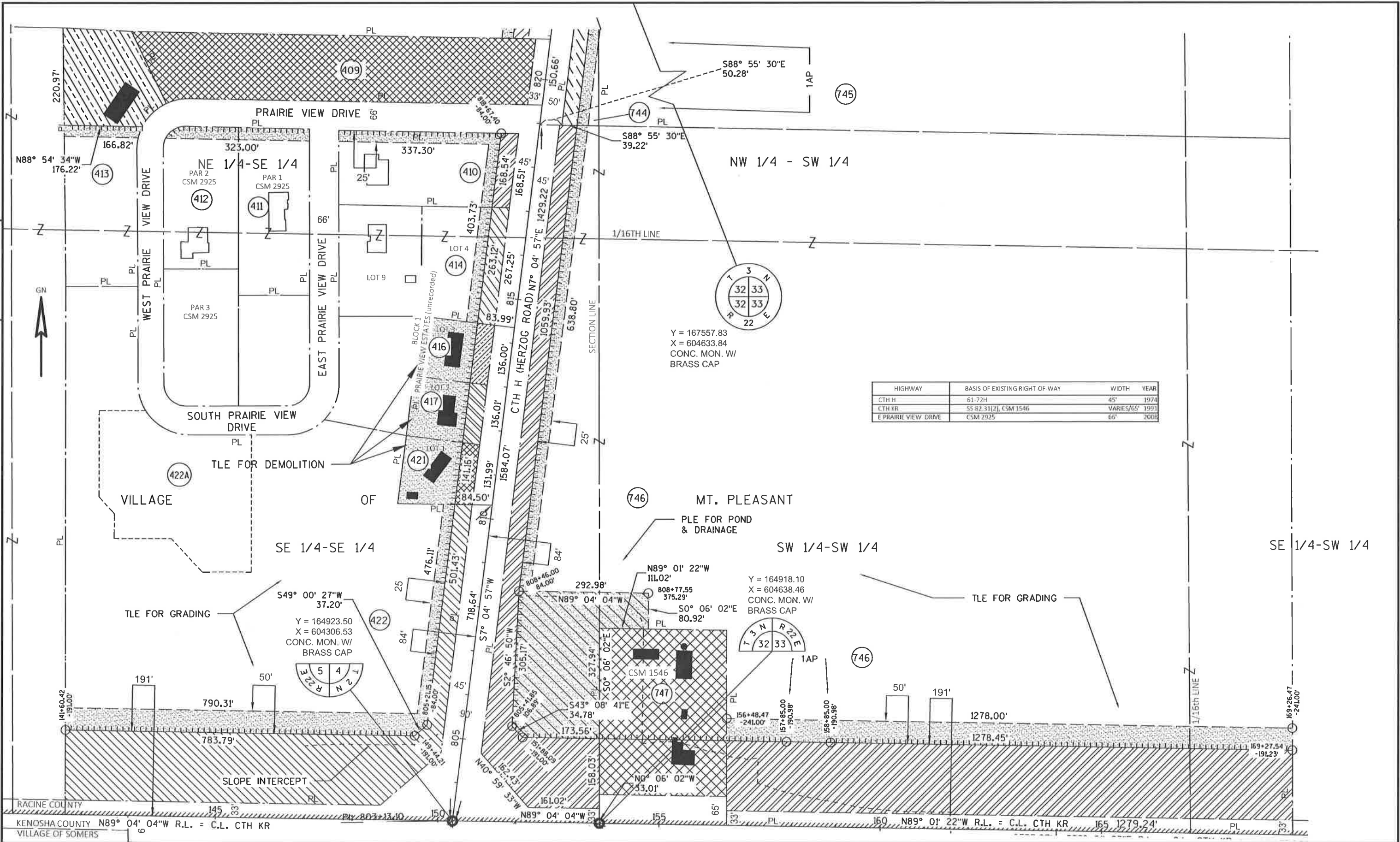
PLOT DATE : 7/25/2018 1:48 PM

PLOT BY :

PLOT NAME :

PLOT SCALE : #####

WISDOT/CADSSHEET 75



REVISION DATE	DESCRIPTION
12/26/17	
2/13/2018	
7/12/2018	

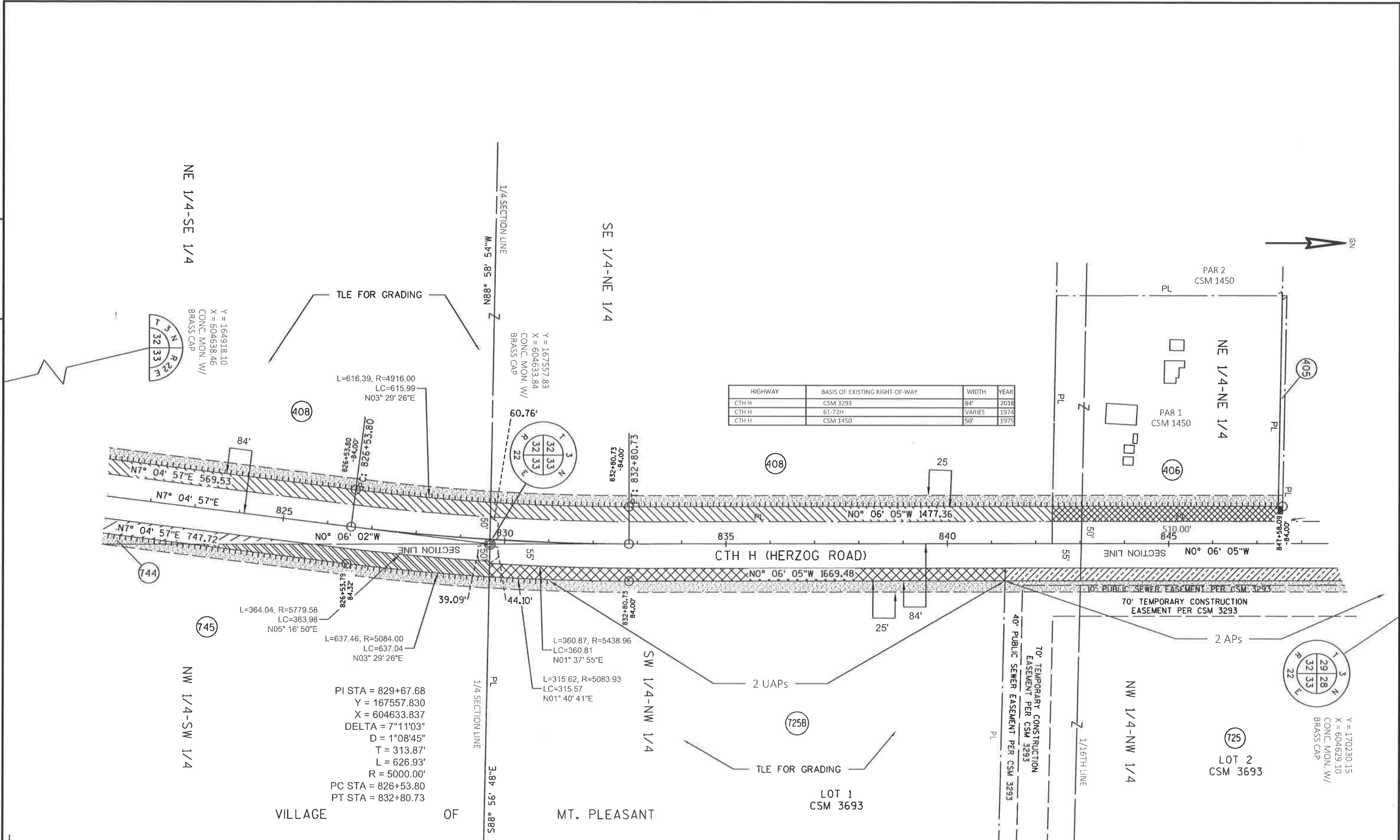
DATE	11/08/17
GRID FACTOR	N/A



HWY:	CTH H
COUNTY:	RACINE

STATE R/W PROJECT NUMBER	RC092617
CONSTRUCTION PROJECT NUMBER	3760-00-70

PLAT SHEET	4.04
PS&E SHEET	E



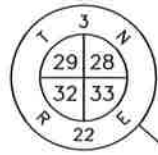
HIGHWAY	BASIS OF EXISTING RIGHT-OF-WAY	WIDTH	YEAR
CTH H	CSM 3293	84'	2018
CTH H	61-72H	VARIES	1974
CTH H	CSM 1450	50'	1975

PI STA = 829+67.68
 Y = 167557.830
 X = 604633.837
 DELTA = 7°11'03"
 D = 1°08'45"
 T = 313.87'
 L = 626.93'
 R = 5000.00'
 PC STA = 826+53.80
 PT STA = 832+80.73

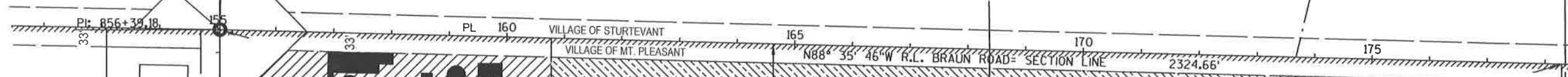
REVISION DATE 12/26/17 2/13/2018 7/12/2018	DATE 11/08/17 GRID FACTOR N/A	SCALE, FEET 	HWY: CTH H COUNTY: RACINE	STATE R/W PROJECT NUMBER RC092617 CONSTRUCTION PROJECT NUMBER 3760-00-70	PLAT SHEET 4.05 PS&E SHEET	E
---	----------------------------------	-----------------	------------------------------	---	-------------------------------	---

SE 1/4-SE 1/4

Y = 170230.15
X = 604629.10
CONC. MON. W/
BRASS CAP



SW 1/4-SW 1/4



NE 1/4-NE 1/4

PAR 2
CSM 1450

NW 1/4-NW 1/4

VILLAGE OF MT. PLEASANT

LOT 2
CSM 3693



Y = 167557.83
X = 604633.84
CONC. MON. W/
BRASS CAP

HIGHWAY	BASIS OF EXISTING RIGHT-OF-WAY	WIDTH	YEAR
CTH H	CSM 3293	84'	2018
CTH H	61-72H	VARIES	1974
BRAUN ROAD	55 82.31(7)	33'	
BRAUN ROAD	CSM 3293	135'	2018

REVISION DATE 12/26/17 2/13/2018 7/12/2018	DATE 11/08/17	SCALE, FEET 0 100 200	HWY: CTH H	STATE R/W PROJECT NUMBER RC092617	PLAT SHEET 4.06
	GRID FACTOR N/A		COUNTY: RACINE	CONSTRUCTION PROJECT NUMBER 3760-00-70	PS&E SHEET E

FILED
18 AUG 14 PM 4:09

R/W PROJECT NUMBER MP011718	SHEET NUMBER 4.00	TOTAL SHEETS 5
CONSTRUCTION PROJECT NUMBER 2704-09-70		
PLAT OF RIGHT OF WAY REQUIRED FOR BRAUN ROAD CTH H TO 90TH ST		
BRAUN ROAD		RACINE COUNTY

CONVENTIONAL ABBREVIATIONS

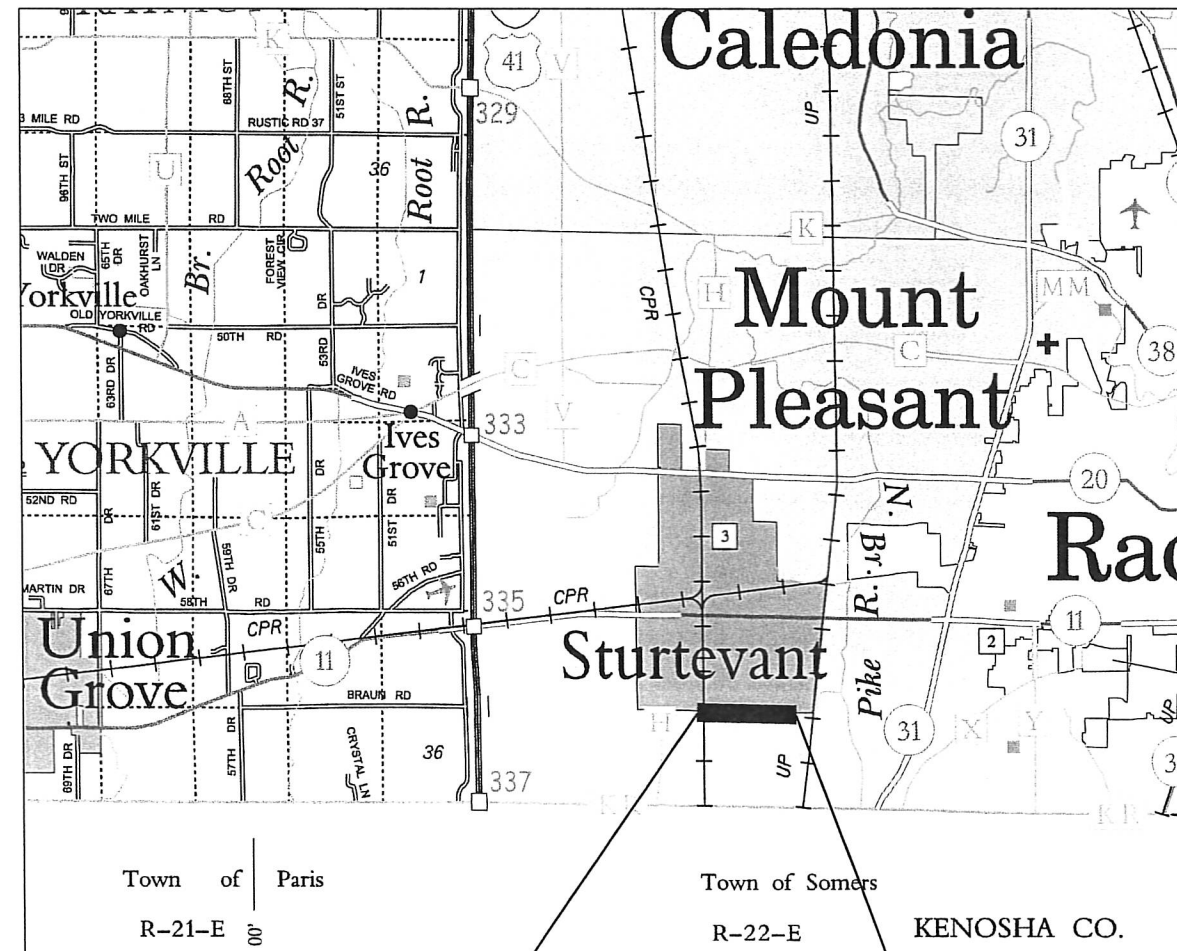
ACCESS RIGHTS	AR	POINT OF INTERSECTION	PI
ACRES	AC	PROPERTY LINE	PL
AHEAD	AH	PUBLIC ROAD ACCESS POINT	PRAP
ALUMINUM	ALUM	RECORDED AS	(100')
AND OTHERS	ET AL	REEL / IMAGE	R/I
BACK	BK	REFERENCE LINE	R/L
BLOCK	BLK	REMAINING	REM
CENTERLINE	C/L	RESTRICTIVE DEVELOPMENT	RDE
CERTIFIED SURVEY MAP	CSM	EASEMENT	
CONCRETE	CONC	RIGHT	RT
COUNTY	CO	RIGHT OF WAY	R/W
COUNTY TRUNK HIGHWAY	CTH	SECTION	SEC
DISTANCE	DIST	SEPTIC VENT	SEPV
CORNER	COR	SQUARE FEET	SF
DOCUMENT NUMBER	DOC	STATE TRUNK HIGHWAY	STH
EASEMENT	EASE	STATION	STA
EXISTING	EX	TELEPHONE PEDESTAL	TP
GAS VALVE	GV	TEMPORARY LIMITED	TLE
GRID NORTH	GN	EASEMENT	
HIGHWAY EASEMENT	HE	TRANSPORTATION PROJECT	TPP
IDENTIFICATION	ID	PLAT	
LAND CONTRACT	LC	UNITED STATES HIGHWAY	USH
LEFT	LT	VOLUME	V
MONUMENT	MON		
NATIONAL GEODETIC SURVEY NUMBER	NGS		
OUTLOT	OL		
PAGE	P		
POINT OF TANGENCY	PT		
PERMANENT LIMITED EASEMENT	PLE		
POINT OF BEGINNING	POB		
POINT OF CURVATURE	PC		
POINT OF COMPOUND CURVE	PCC		

CURVE DATA

LONG CHORD	LCH
LONG CHORD BEARING	LCB
RADIUS	R
DEGREE OF CURVE	D
CENTRAL ANGLE	Δ/DELTA
LENGTH OF CURVE	L
TANGENT	T
DIRECTION AHEAD	DA
DIRECTION BACK	DB

CONVENTIONAL SYMBOLS

SECTION LINE	---	R/W MONUMENT (TO BE SET)	●
QUARTER LINE	---	NON-MONUMENTED R/W POINT	○
SIXTEENTH LINE	---	FOUND IRON PIN (1-1/2" UNLESS NOTED)	IP
NEW REFERENCE LINE	---	OFF-PREMISE SIGN	⊕
NEW R/W LINE	---	COMPENSABLE	---
EXISTING R/W OR HE LINE	---	NON-COMPENSABLE	---
PROPERTY LINE	---	ELECTRIC POLE	⊥
LOT, TIE & OTHER MINOR LINES	---	TELEPHONE POLE	⊥
SLOPE INTERCEPT	---	PEDESTAL (LABEL TYPE) (TV, TEL, ELEC, ETC.)	⊥
CORPORATE LIMITS	---	ACCESS RESTRICTED BY ACQUISITION	---
UNDERGROUND FACILITY (COMMUNICATIONS, ELECTRIC, ETC.) (TYPE)	---	NO ACCESS (BY STATUTORY AUTHORITY)	---
NEW R/W (FEE OR HE) (MATCHING VARIES BY OWNER)	---	ACCESS RESTRICTED (BY PREVIOUS PROJECT OR CONTROL)	---
TEMPORARY LIMITED EASEMENT AREA	---	NO ACCESS (NEW HIGHWAY)	---
EASEMENT AREA (PERMANENT LIMITED OR RESTRICTIVE DEVELOPMENT)	---	PARCEL NUMBER (25)	②⑤
TRANSMISSION STRUCTURES	---	UTILITY NUMBER (40)	④⑩
BUILDING TO BE REMOVED	---	PARALLEL OFFSETS	---
BRIDGE	---	CONVENTIONAL UTILITY SYMBOLS	---
		WATER	---
		GAS	---
		TELEPHONE OVERHEAD	---
		TRANSMISSION LINES	---
		ELECTRIC	---
		CABLE TELEVISION	---
		FIBER OPTIC	---
		SANITARY SEWER	---
		STORM SEWER	---



BEGIN RELOCATION ORDER
0 FEET SOUTH AND 0
FEET WEST OF THE
SOUTHWEST CORNER OF
SEC. 28 T3N R22E
STA 155+03.80

END RELOCATION ORDER
0 FEET SOUTH AND 0
FEET WEST OF THE
SOUTHEAST CORNER OF
SEC. 28 T3N R22E
STA 208+07.56

LAYOUT
SCALE 0 0.50 MI.

THE NOTES, CONVENTIONAL SIGNS, AND ABBREVIATIONS ARE ASSOCIATED WITH EACH RIGHT OF WAY PLAT FOR PROJECT MP011718.

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, RACINE COUNTY, NAD83 (97), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

ALL RIGHT-OF-WAY LINES DEPICTED IN THE NON-ACQUISITION AREAS ARE INTENDED TO RE-ESTABLISH EXISTING RIGHT-OF-WAY LINES AS DETERMINED FROM PREVIOUS PROJECTS, OTHER RECORDED DOCUMENTS, OR FROM CENTERLINE OF EXISTING PAVEMENTS.

RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS" OF PUBLIC RECORD.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO THE NEW REFERENCE LINES.

A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON, THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE. ALL (TLEs) ON THIS PLAT EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

A PERMANENT LIMITED EASEMENT (PLE) IS A RIGHT FOR CONSTRUCTION AND MAINTENANCE PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE, BUT WITHOUT PREJUDICE TO THE OWNER'S RIGHTS TO MAKE OR CONSTRUCT IMPROVEMENTS ON SAID LANDS OR TO FLATTEN THE SLOPES, PROVIDING SAID ACTIVITIES WILL NOT IMPAIR OR OTHERWISE ADVERSELY AFFECT THE HIGHWAY FACILITIES.

AN EASEMENT FOR HIGHWAY PURPOSES (HE), AS LONG AS SO USED, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE.

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN WAUKESHA.

PARCEL IDENTIFICATION NUMBERS MAY NOT POINT TO ALL AREAS OF ACQUISITION, AS NOTED ON THE SCHEDULE OF LANDS & INTERESTS REQUIRED.

EXISTING ACCESS CONTROL ALONG BRAUN ROAD HAS BEEN ESTABLISHED FROM PREVIOUS PROJECT -NONE-

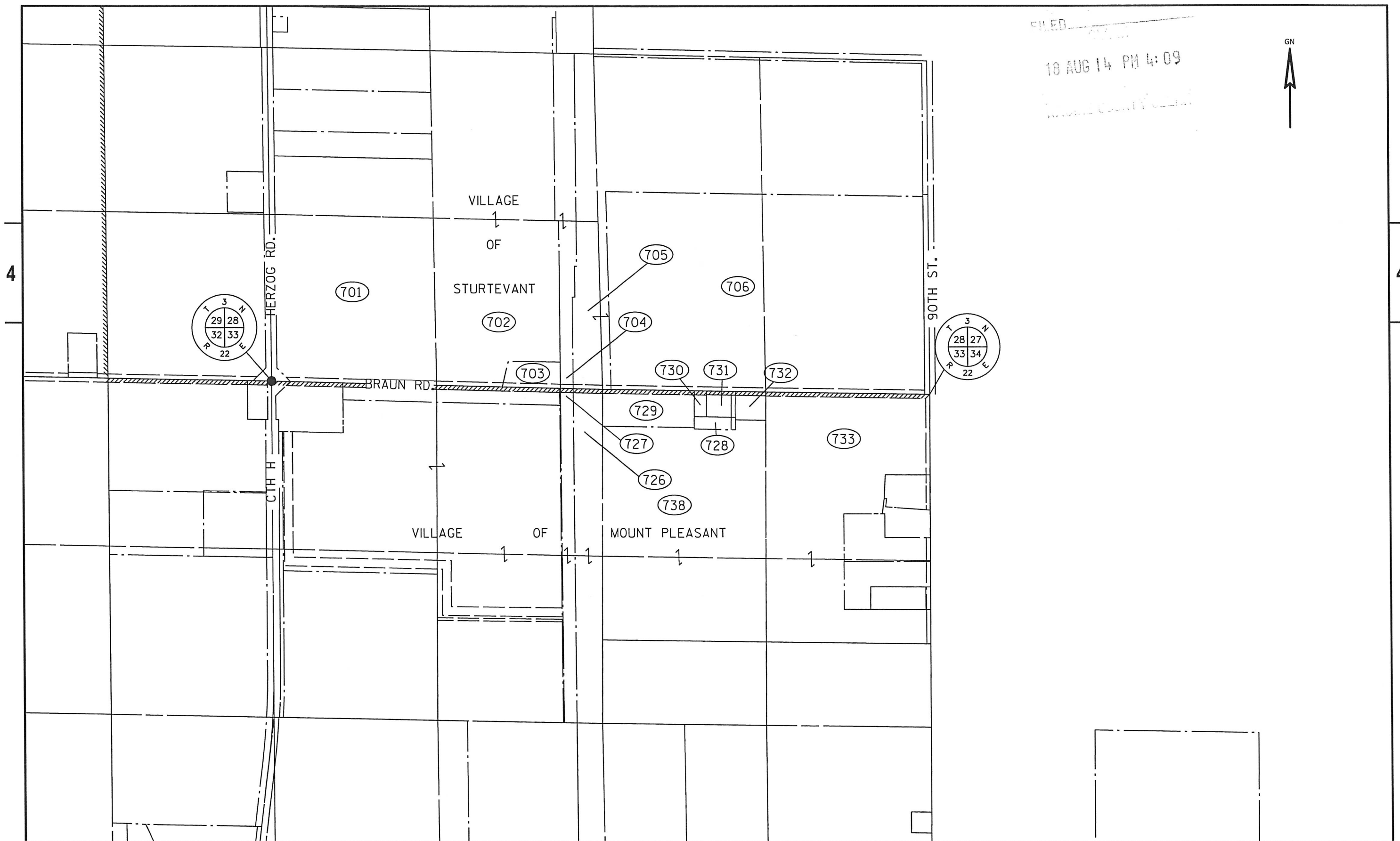
EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE: SS 82.31 (2).

REVISION DATE:
2/06/2018
7/19/2018

VILLAGE OF MOUNT PLEASANT

APPROVED BY:
DATE 8/14/18 *[Signature]*

FILED
 18 AUG 14 PM 4:09
 WISCONSIN COUNTY CLERK



REVISION DATE 2/06/2018 7/19/2018	DATE 1/17/2018	SCALE, FEET 0 350 700	HWY: BRAUN ROAD	STATE R/W PROJECT NUMBER MP011718	PLAT SHEET 4.01
GRID FACTOR N/A			COUNTY: RACINE	CONSTRUCTION PROJECT NUMBER 2704-09-70	PS&E SHEET

SCHEDULE OF LANDS & INTERESTS REQUIRED

FILED

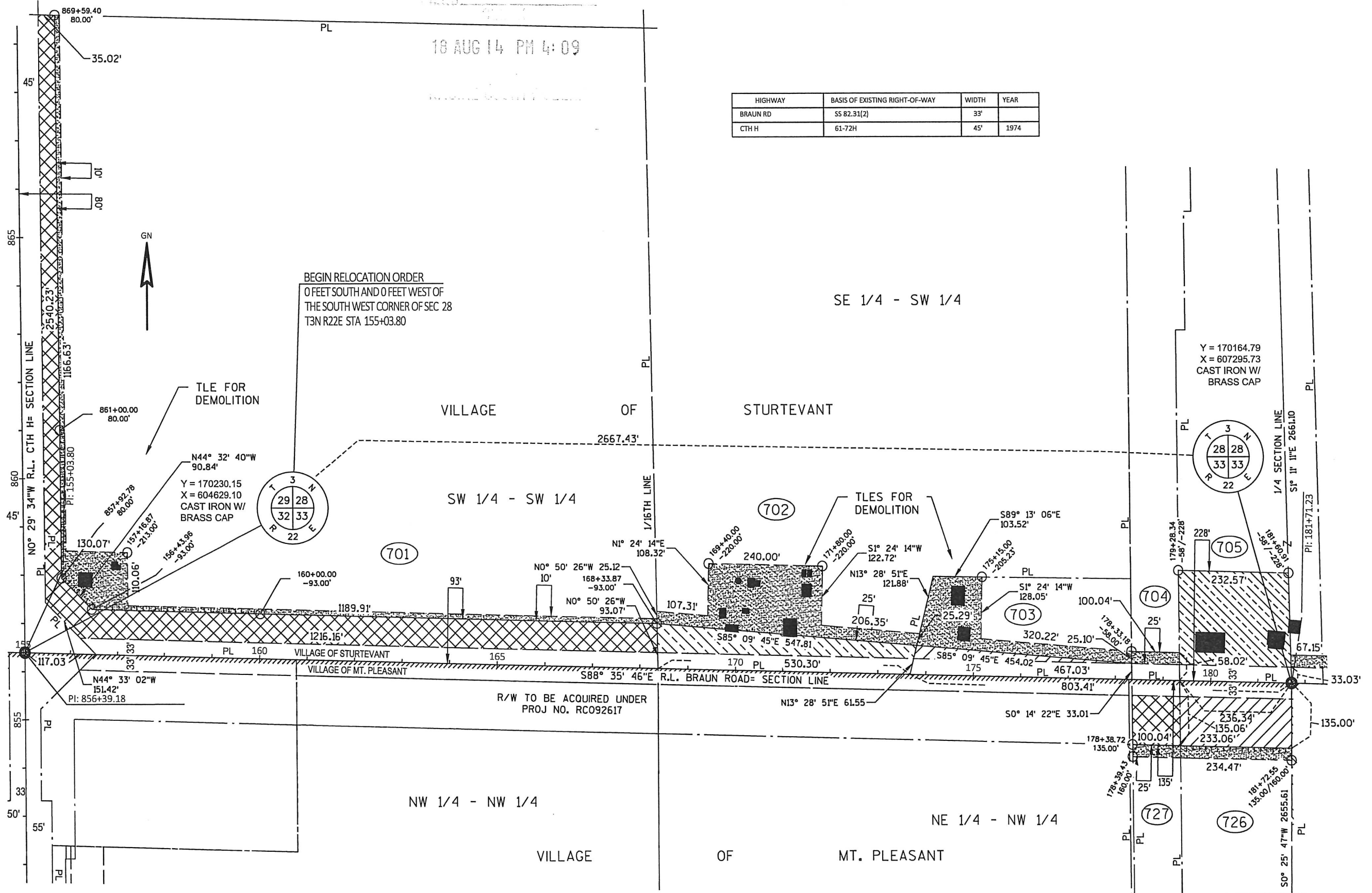
AREAS SHOWN IN THE TOTAL ACRES COLUMN MAY BE APPROXIMATE AND ARE DERIVED FROM TAX ROLLS OR OTHER AVAILABLE SOURCES AND MAY NOT INCLUDE LANDS OF THE OWNER WHICH ARE NOT CONTIGUOUS TO THE AREA BEING ACQUIRED.
*INDICATES COMPUTED AREA

PARCEL NUMBER	SHEET NUMBER	OWNER(S)	INTEREST REQUIRED	PARCEL AREA ACRES	T.L.E. AREA REQUIRED ACRES	P.L.E. AREA REQUIRED ACRES	R/W AREA REQUIRED NEW ACRES	R/W AREA REQUIRED EXISTING ACRES	R/W AREA REQUIRED TOTAL ACRES	PARCEL NUMBER
701**	4.03	ADAMS STREET DEVELOPMENT, LLC	FEE, AR, TLE	38.915*	0.850	0.000	2.748	0.909	3.657	701
702**	4.03	ADAMS STREET DEVELOPMENT, LLC	FEE, TLE	59.35*	0.953	0.000	0.544	0.405	0.949	702
703**	4.03	ADAMS STREET DEVELOPMENT, LLC	FEE, TLE	2.094*	0.590	0.000	0.143	0.351	0.494	703
704	4.03	CM CORP	TLE	7.886*	0.058	0.000	0.000	.076	0.076	704
705**	4.03	PETER J BURBACH JR & PATRICIA L BURBACH	FEE, TLE	10.054*	0.037	0.000	1.048	0.230	1.278	705
706**	4.04	ALVIN R & JEAN R WILKS REVOCABLE TRUST DATED APRIL 9, 1999	TLE	91.294*	1.456	0.000	0.000	1.921	1.921	706
726**	4.03	VILLAGE OF MOUNT PLEASANT	FEE, AR, TLE	13.464*	0.135	0.000	0.551	0.179	0.730	726
727	4.03	CM ST P RR	HE, TLE	12.00*	0.058	0.000	0.234<HE>	0.076	0.310<HE>	727
728*	4.04	KURT K KLINGENMEYER & ANGELA P KLINGENMEYER	FEE	0.765*	0.000	0.000	0.688	0.077	0.765	728
729**	4.04	VILLAGE OF MOUNT PLEASANT	FEE	4.962*	0.000	0.000	4.402	0.560	4.962	729
730**	4.04	VILLAGE OF MOUNT PLEASANT	FEE	0.471*	0.000	0.000	0.395	0.076	0.471	730
731*	4.04	KENNETH KLINGENMEYER & ROBERTA KLINGENMEYER	FEE	1.094*	0.000	0.000	0.801	0.293	1.094	731
732*	4.04	VILLAGE OF MT. PLEASANT	FEE	1.280*	0.000	0.000	1.110	0.170	1.280	732
733**	4.04	VILLAGE OF MOUNT PLEASANT	FEE, AR, TLE	49.504*	0.738	0.000	3.010	1.460	4.47	733
738**	4.04	VILLAGE OF MOUNT PLEASANT	AR	51.748*	0.000	0.000	0.000	0.000	0.000	738

REVISED: 2/06/2018, 7/19/2018**	DATE: 1/17/2018	HWY: BRAUN ROAD	R/W PROJECT NO. MP011718	PLAT SHEET NO: 4.02
		COUNTY: RACINE	CONSTRUCTION PROJECT NO. 2704-09-70	E

FILED
18 AUG 14 PM 4:09

HIGHWAY	BASIS OF EXISTING RIGHT-OF-WAY	WIDTH	YEAR
BRAUN RD	SS 82.31(2)	33'	
CTH H	61-72H	45'	1974



4

4

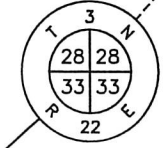
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FILED
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MOUNTAIN VIEW

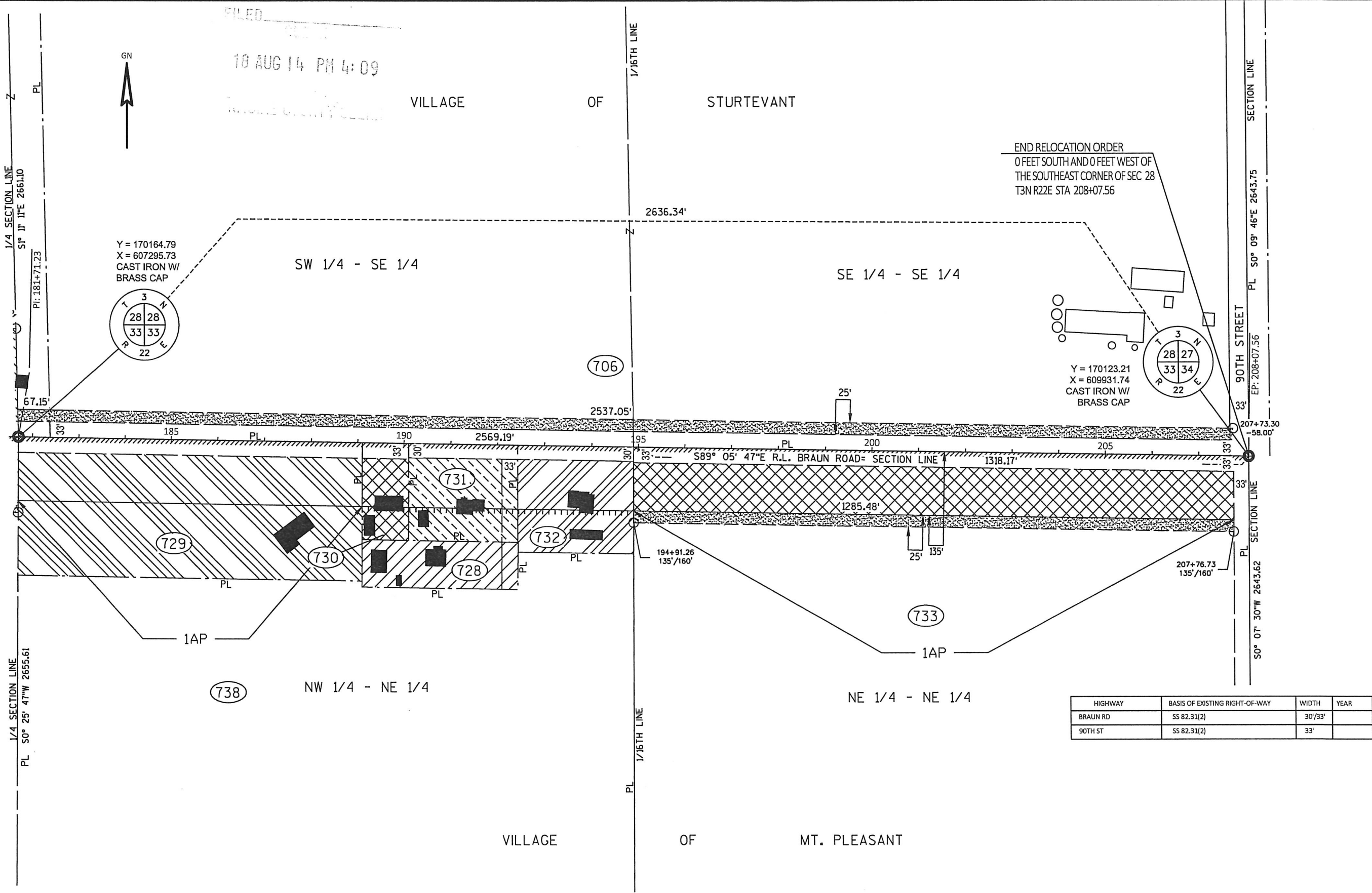
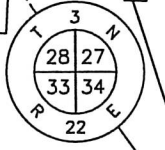
VILLAGE OF STURTEVANT

END RELOCATION ORDER
0 FEET SOUTH AND 0 FEET WEST OF
THE SOUTHEAST CORNER OF SEC 28
T3N R22E STA 208+07.56

Y = 170164.79
X = 607295.73
CAST IRON W/
BRASS CAP

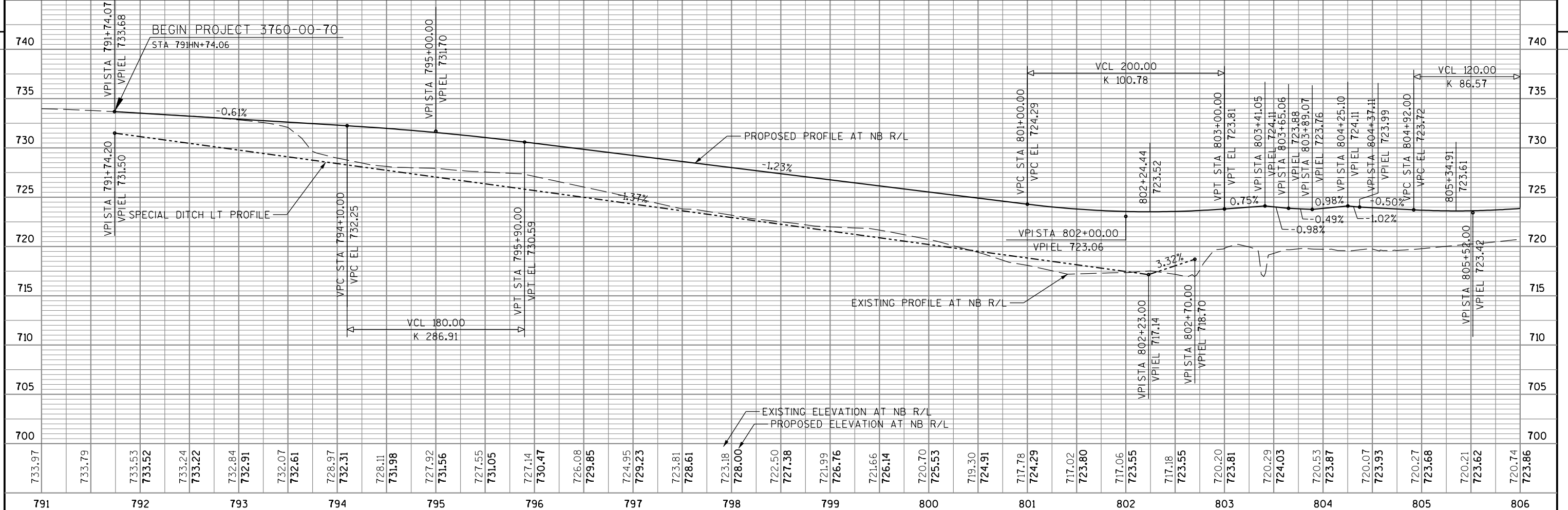
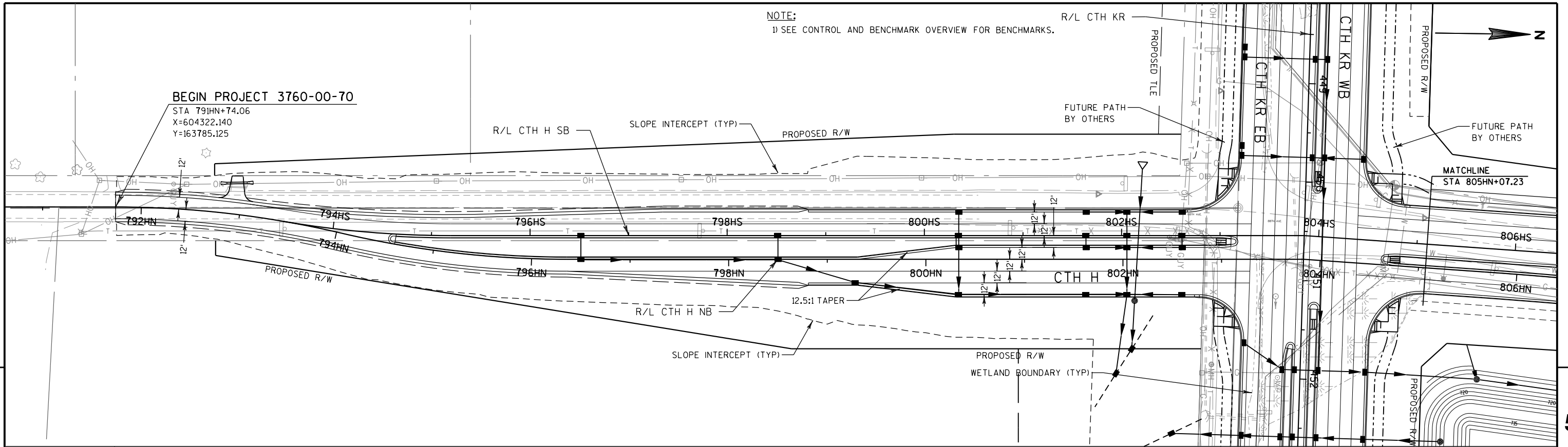


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CAST IRON W/
BRASS CAP

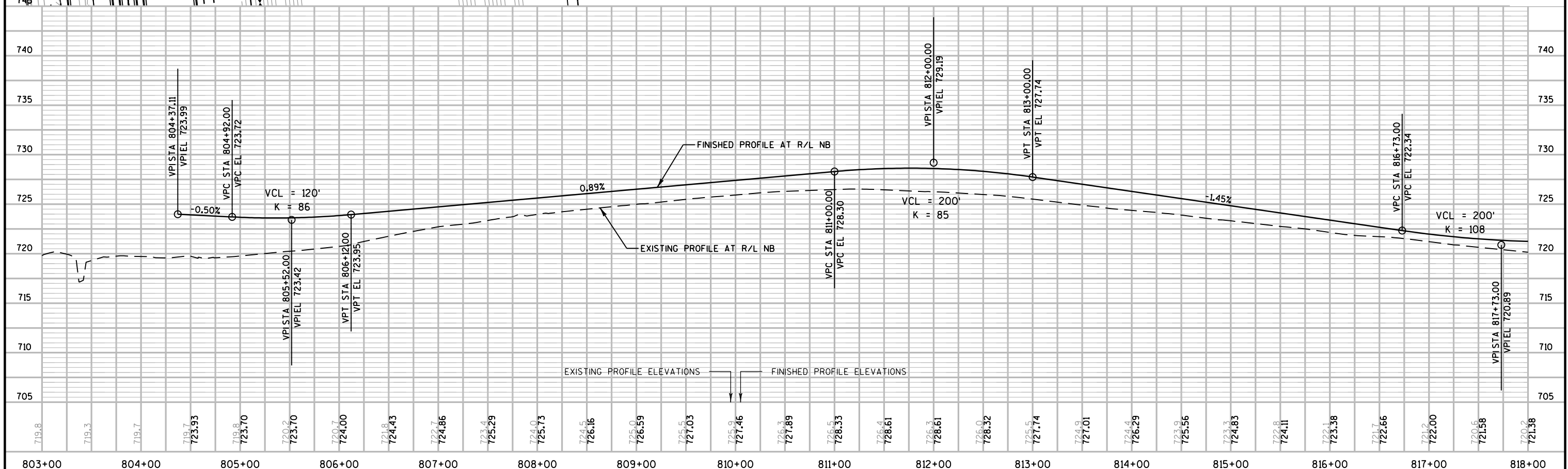
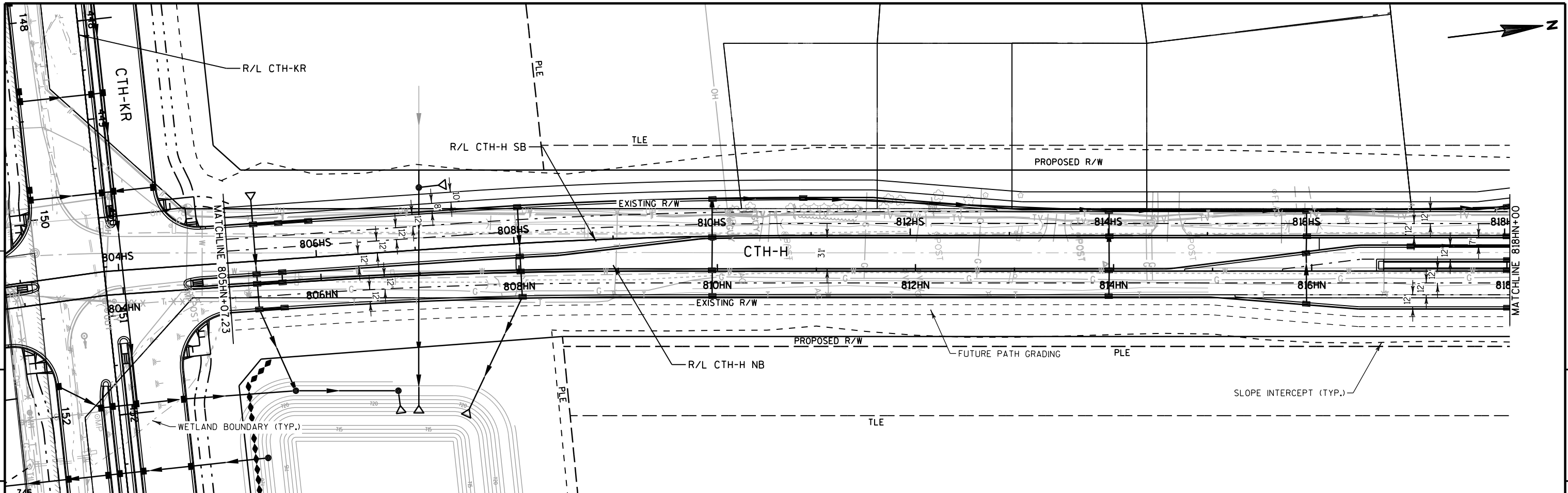


HIGHWAY	BASIS OF EXISTING RIGHT-OF-WAY	WIDTH	YEAR
BRAUN RD	SS 82.31(2)	30'/33'	
90TH ST	SS 82.31(2)	33'	

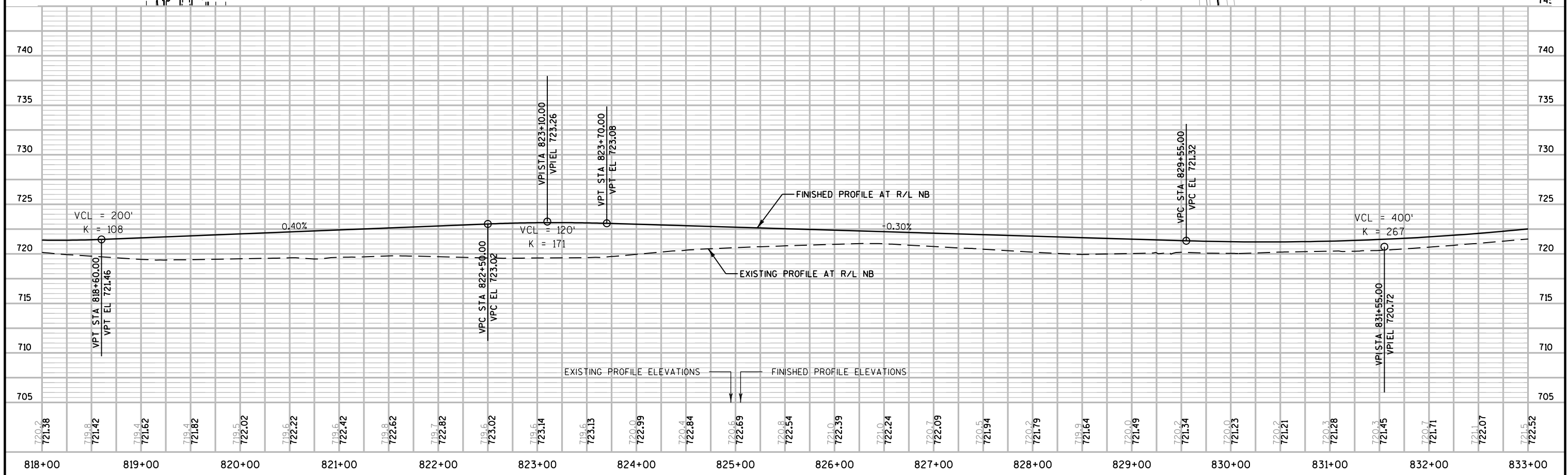
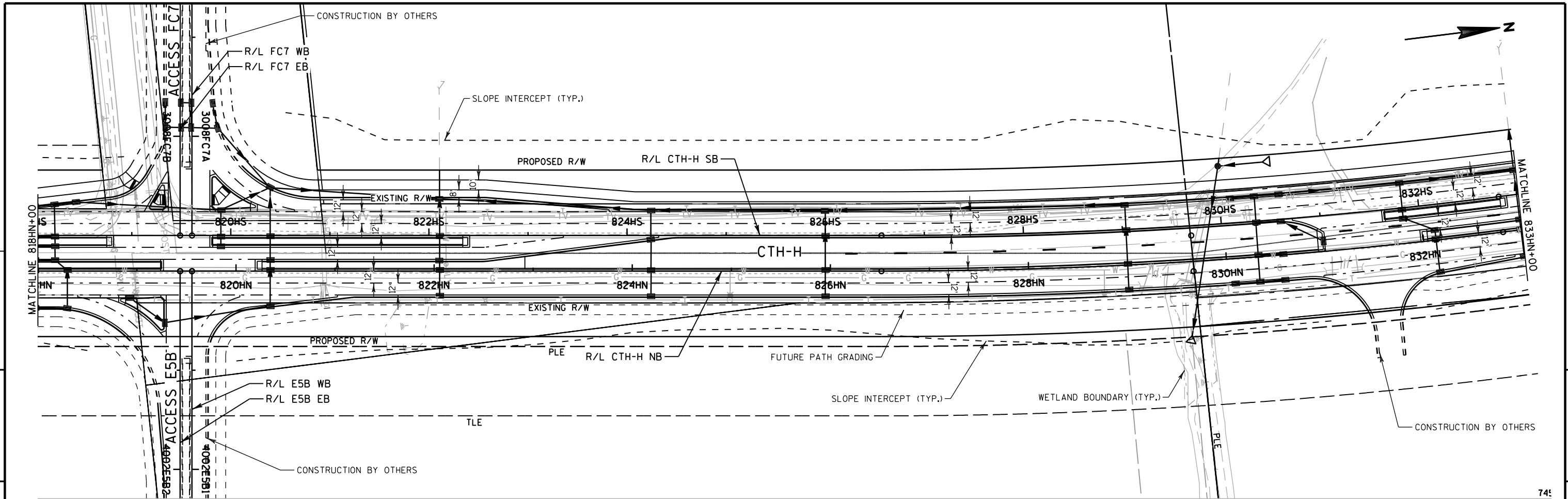
REVISION DATE 2/06/2018 7/19/2018	DATE 1/17/2018	SCALE, FEET 0 100 200	HWY: BRAUN ROAD	STATE R/W PROJECT NUMBER MP011718	PLAT SHEET 4.04
	GRID FACTOR N/A		COUNTY: RACINE	CONSTRUCTION PROJECT NUMBER 2704-09-70	PS&E SHEET



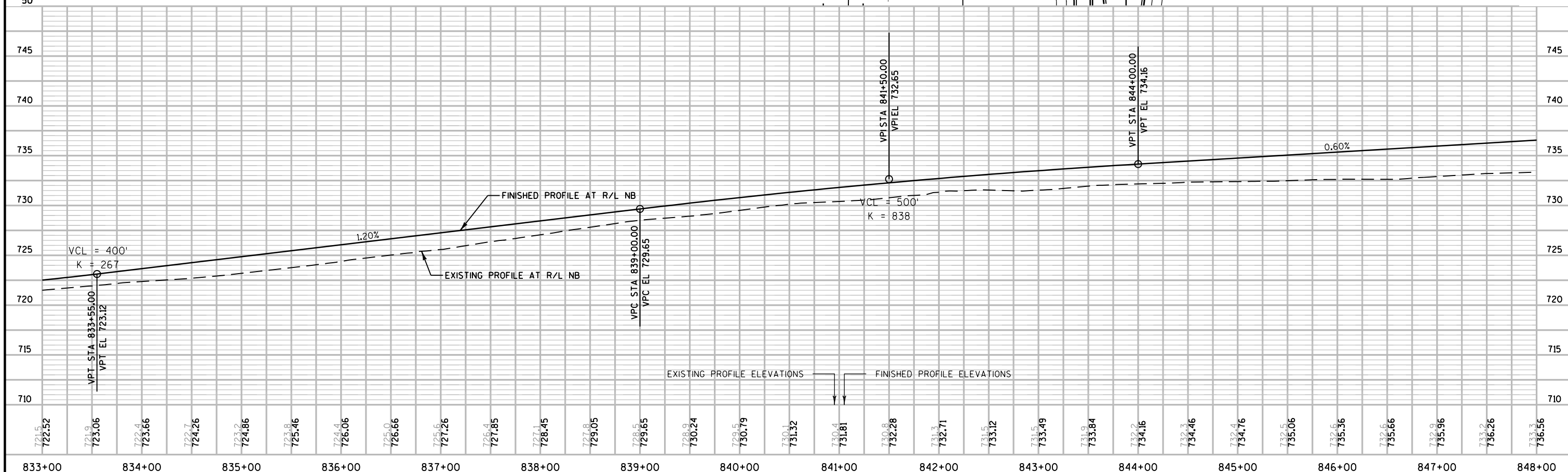
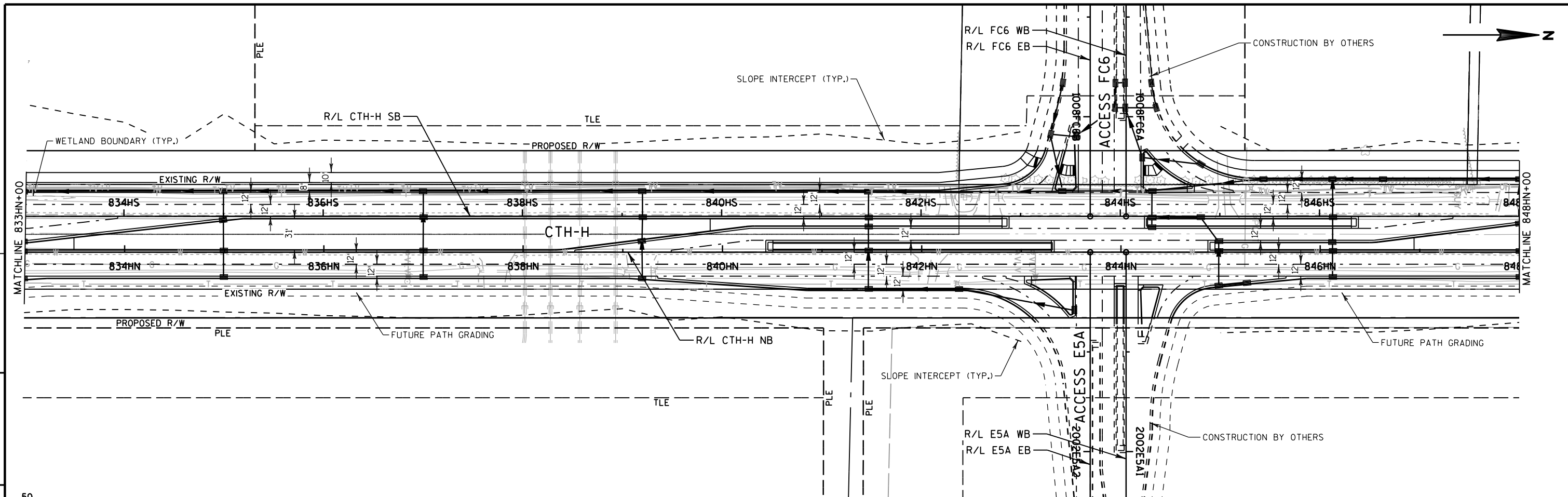
PROJECT NO: 3760-00-70	HWY: CTH H	COUNTY: RACINE	PLAN AND PROFILE: CTH H	SHEET	E
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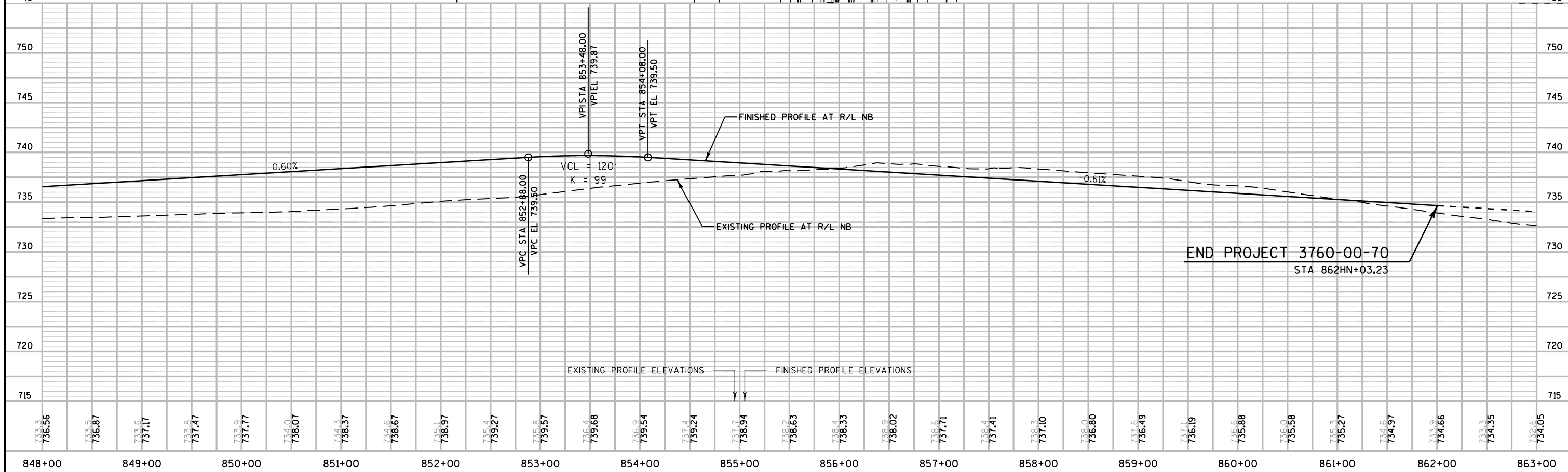
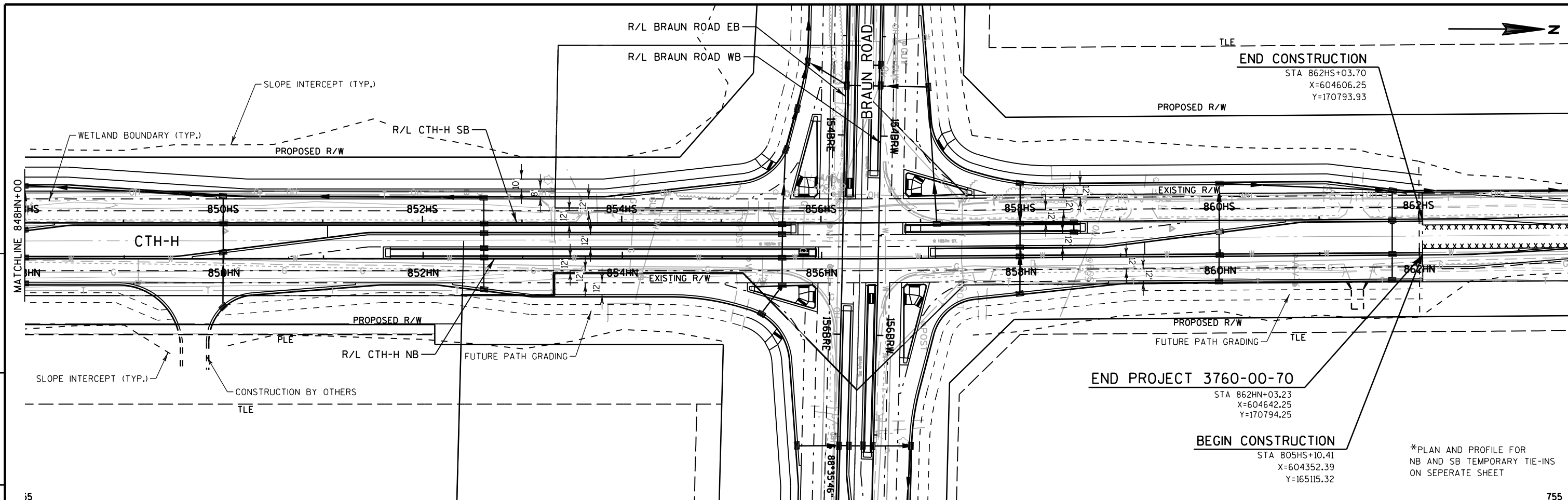
PROJECT NO: 3760-00-70 HWY: CTH H COUNTY: RACINE PLAN AND PROFILE: CTH H NB SHEET E



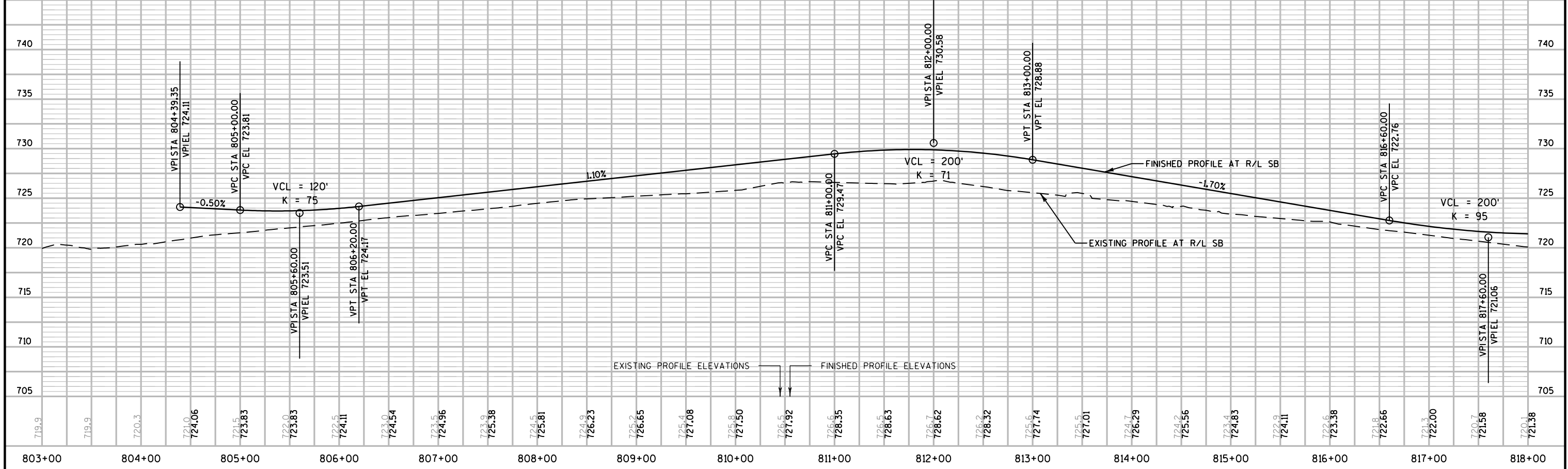
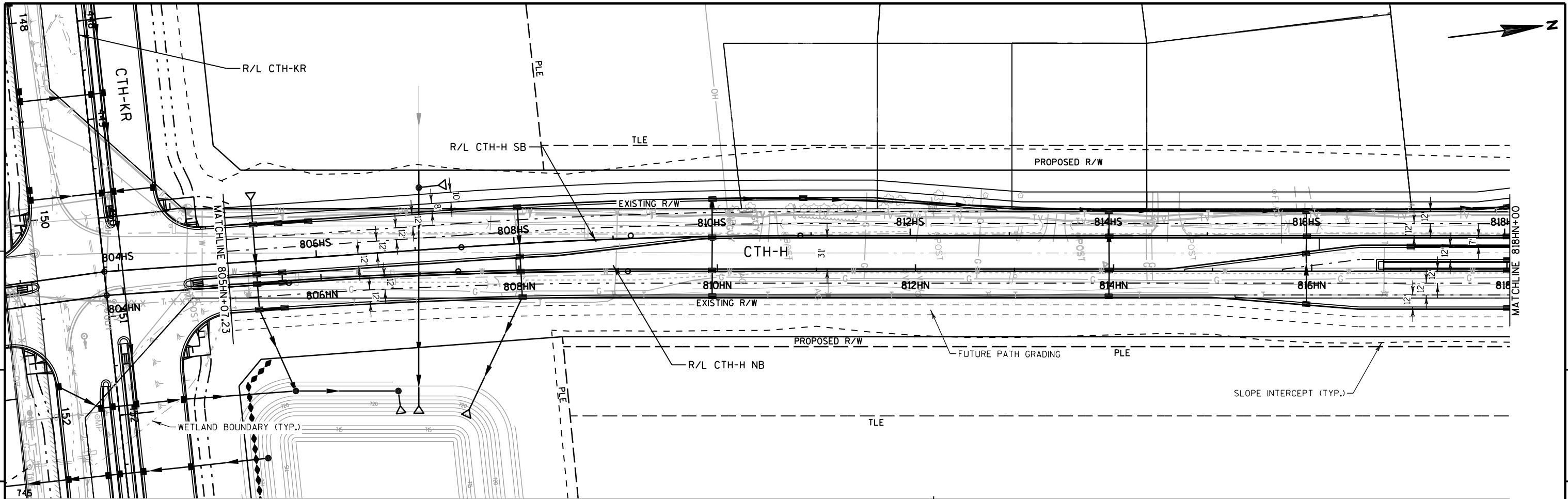
PROJECT NO: 3760-00-70 HWY: CTH H COUNTY: RACINE PLAN AND PROFILE: CTH H NB SHEET E



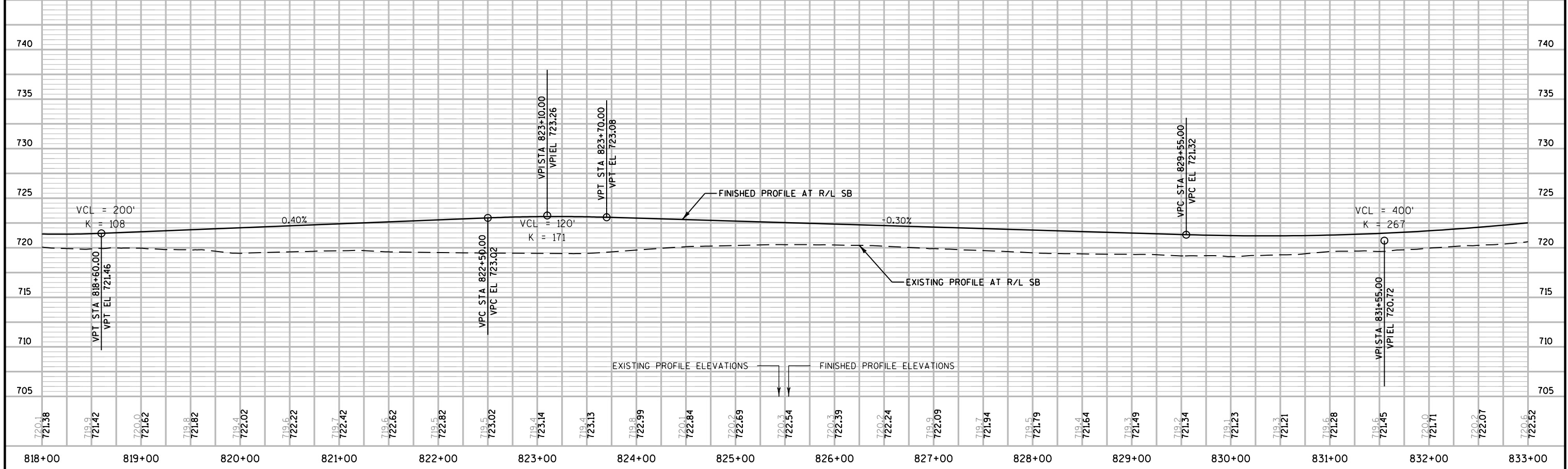
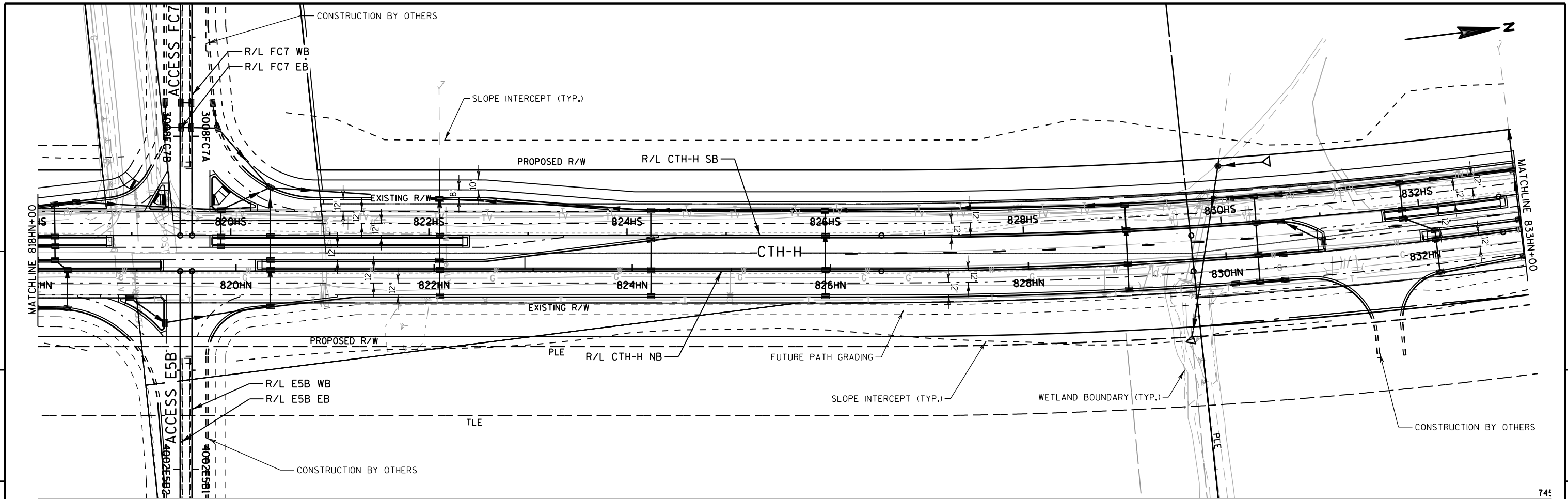
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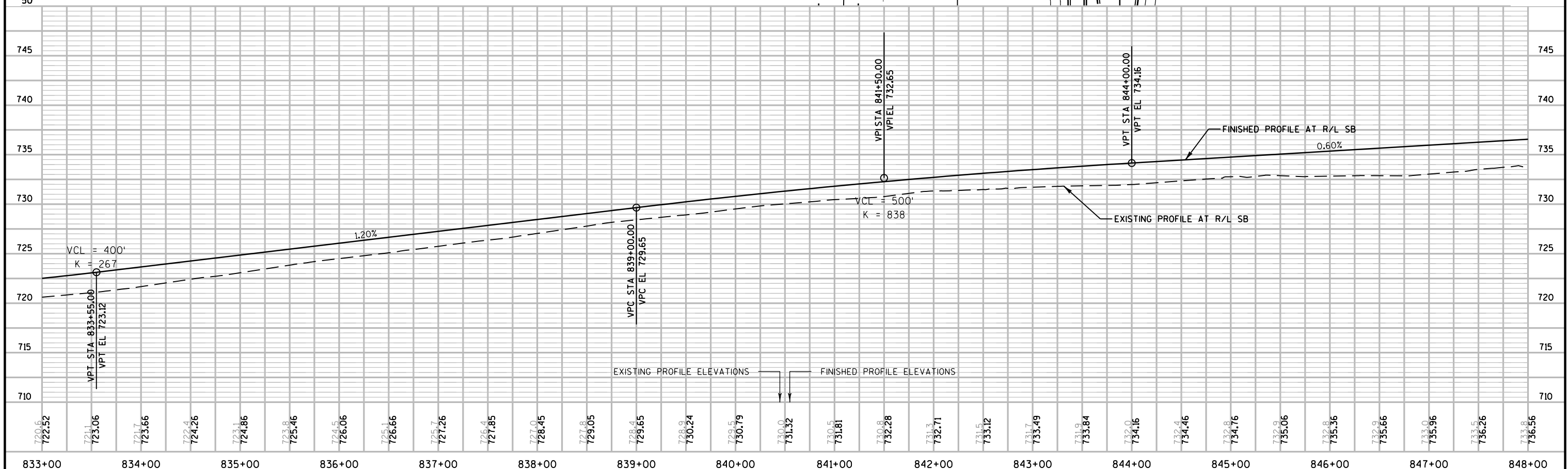
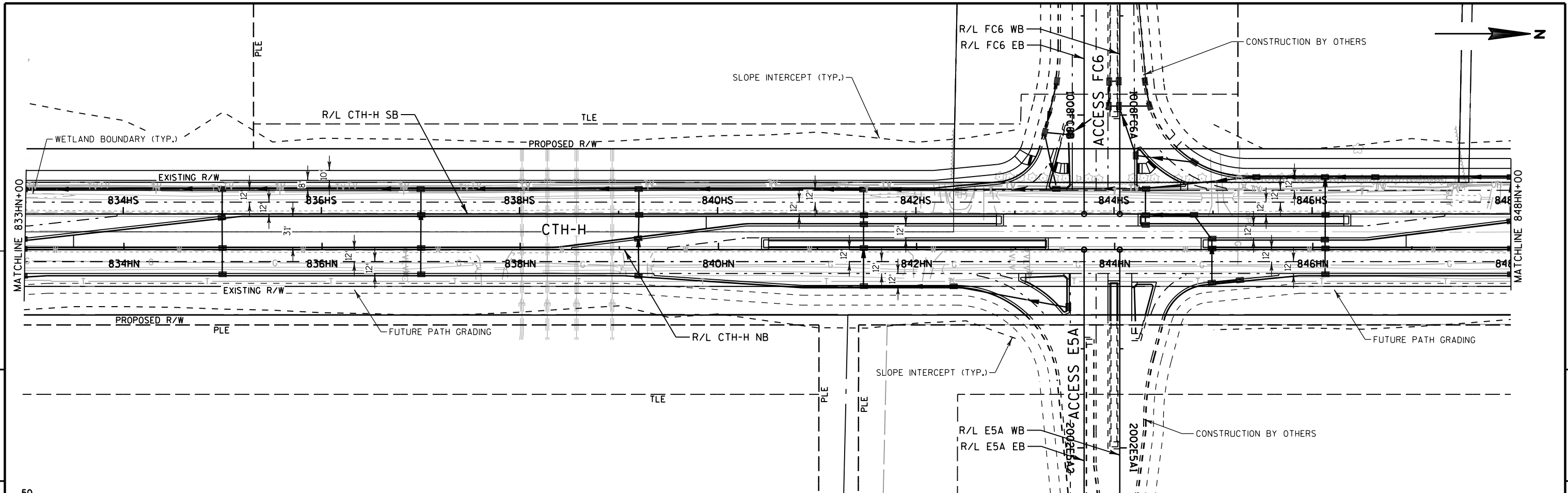
PROJECT NO: 3760-00-70 | HWY: CTH H | COUNTY: RACINE | PLAN AND PROFILE: CTH H NB | SHEET | E



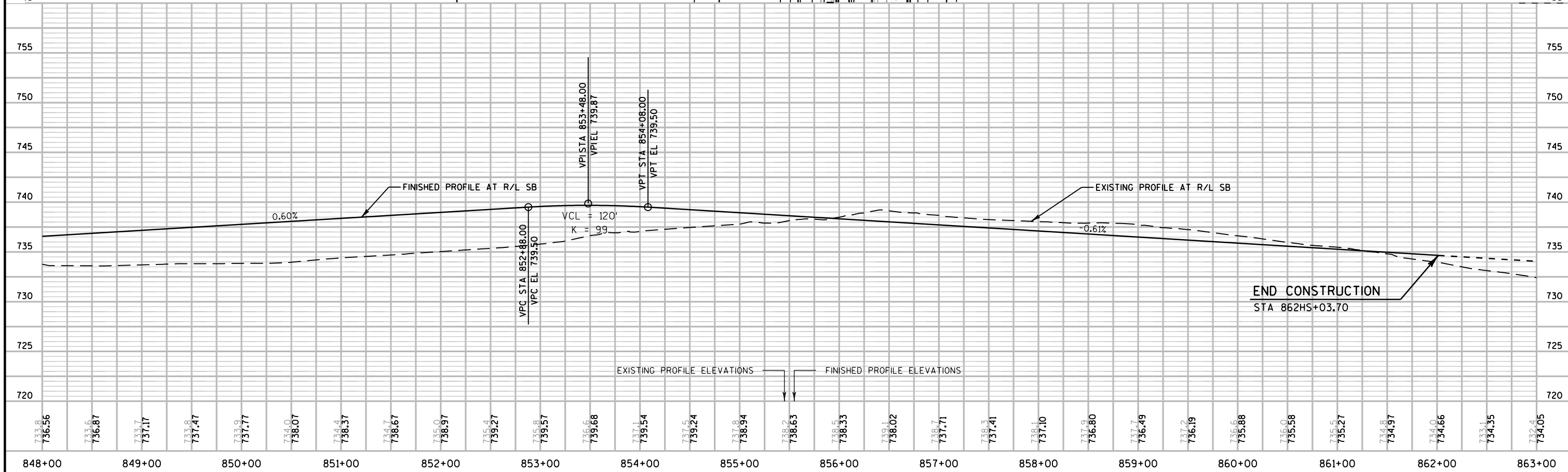
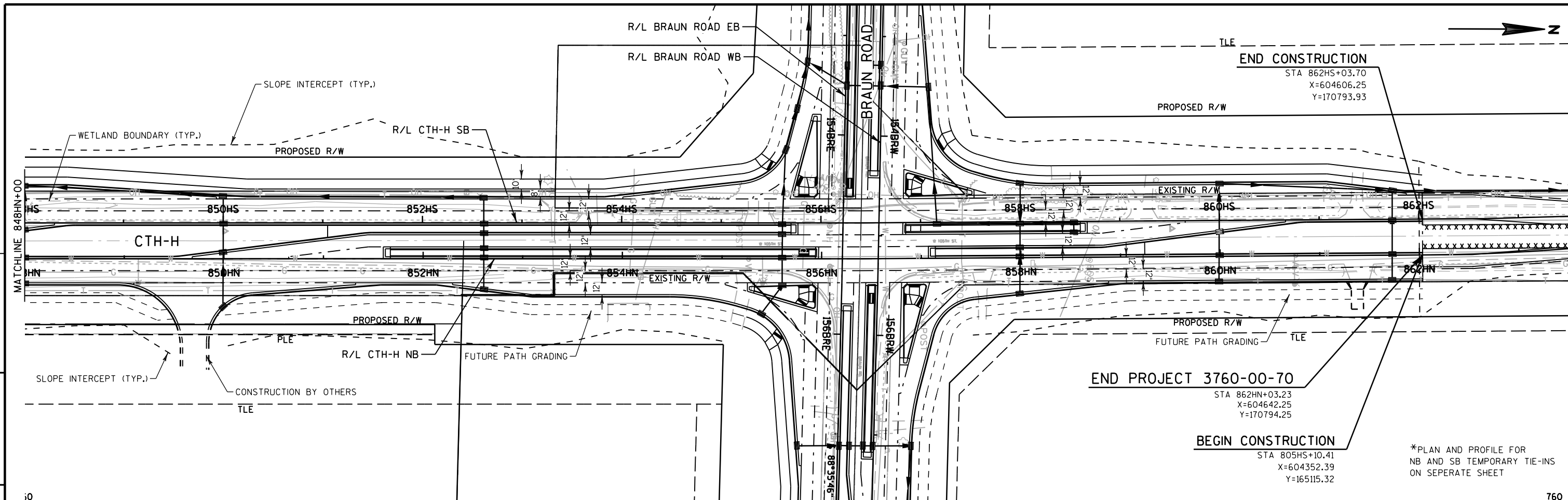
PROJECT NO: 3760-00-70	HWY: CTH H	COUNTY: RACINE	PLAN AND PROFILE: CTH H SB	SHEET	E
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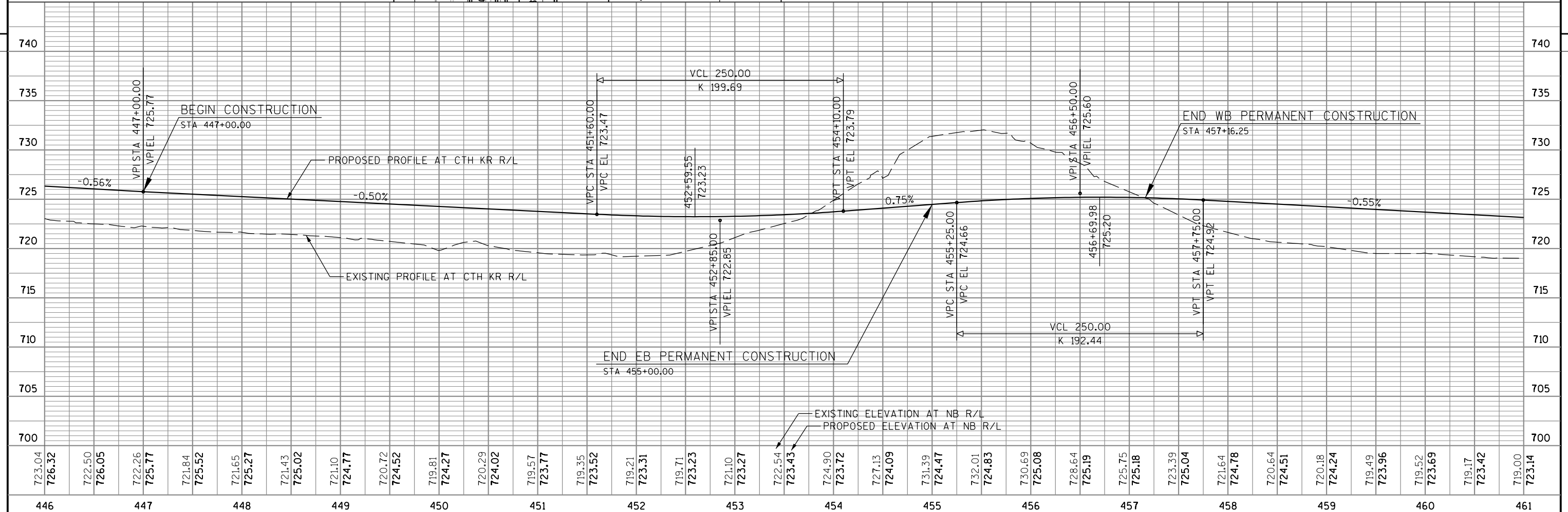
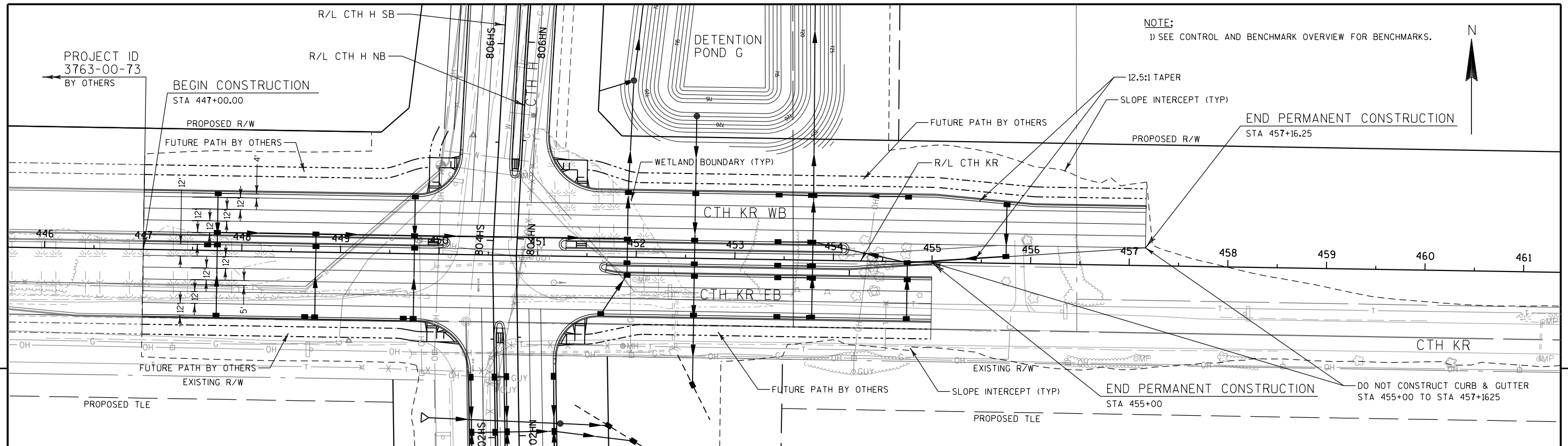
PROJECT NO: 3760-00-70 HWY: CTH H COUNTY: RACINE PLAN AND PROFILE: CTH H SB SHEET E



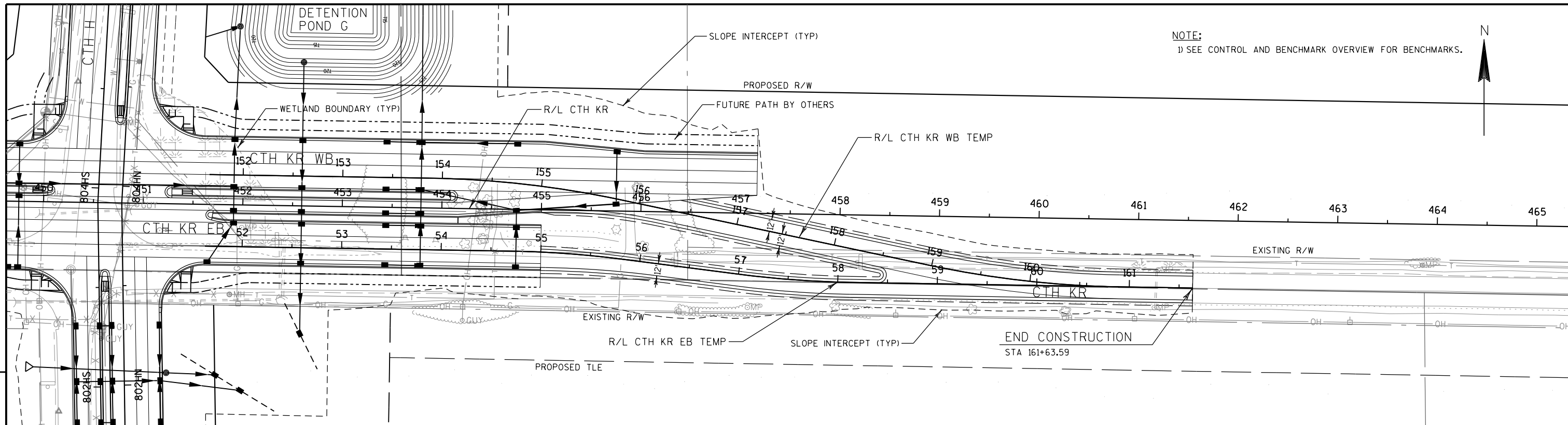
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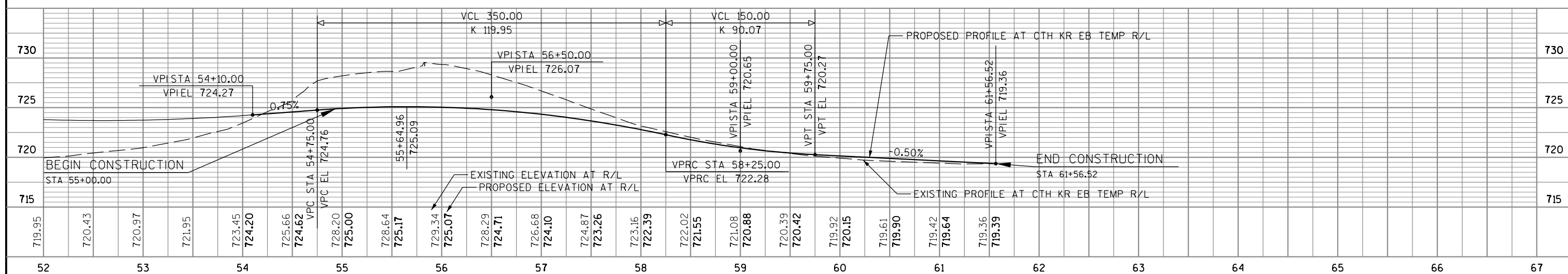
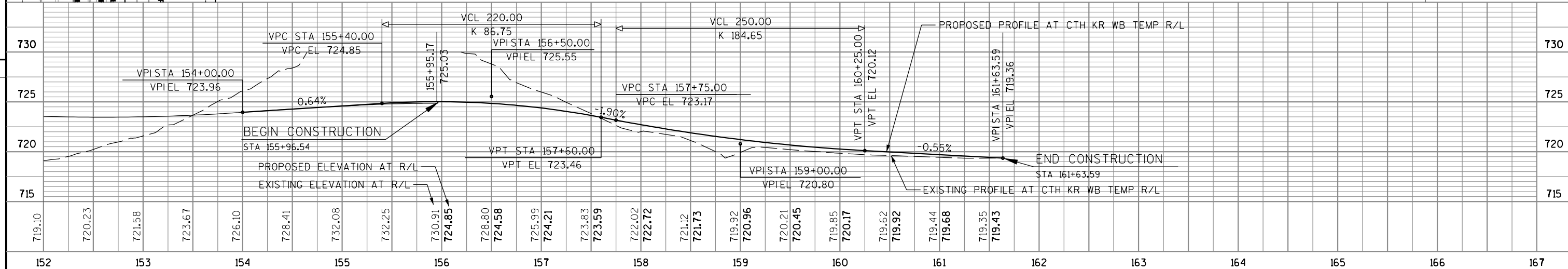
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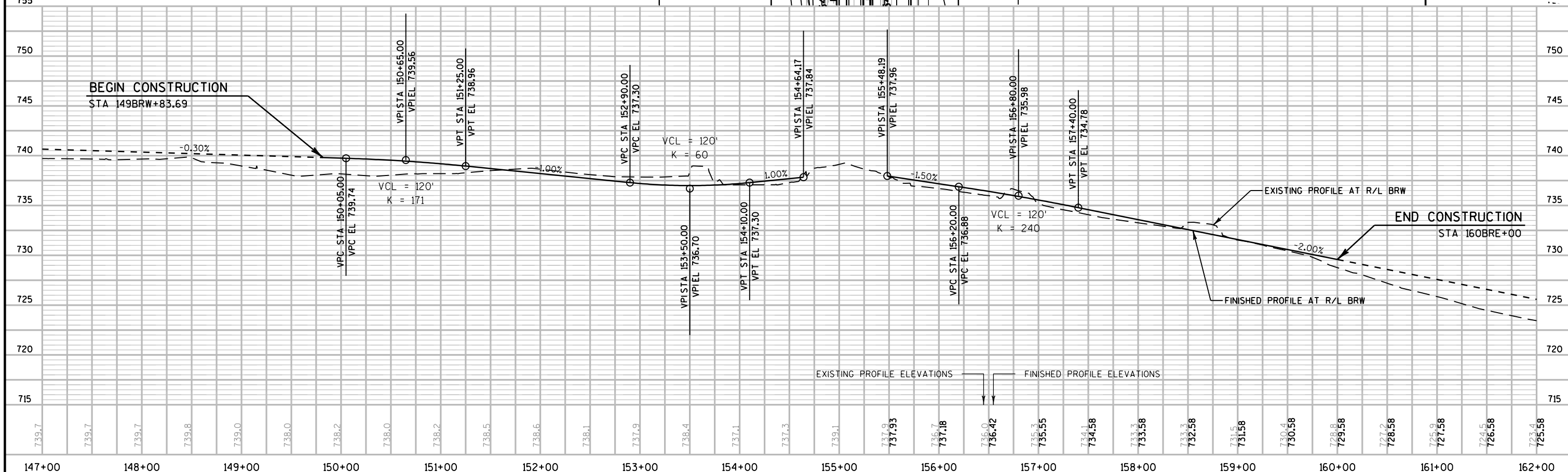
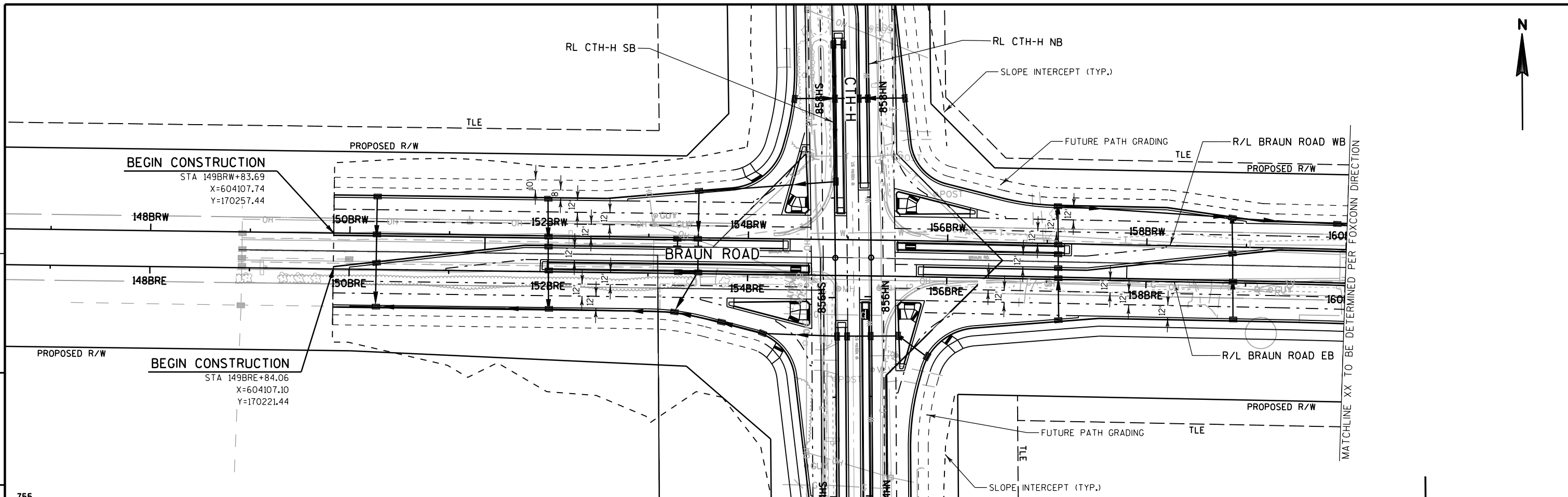
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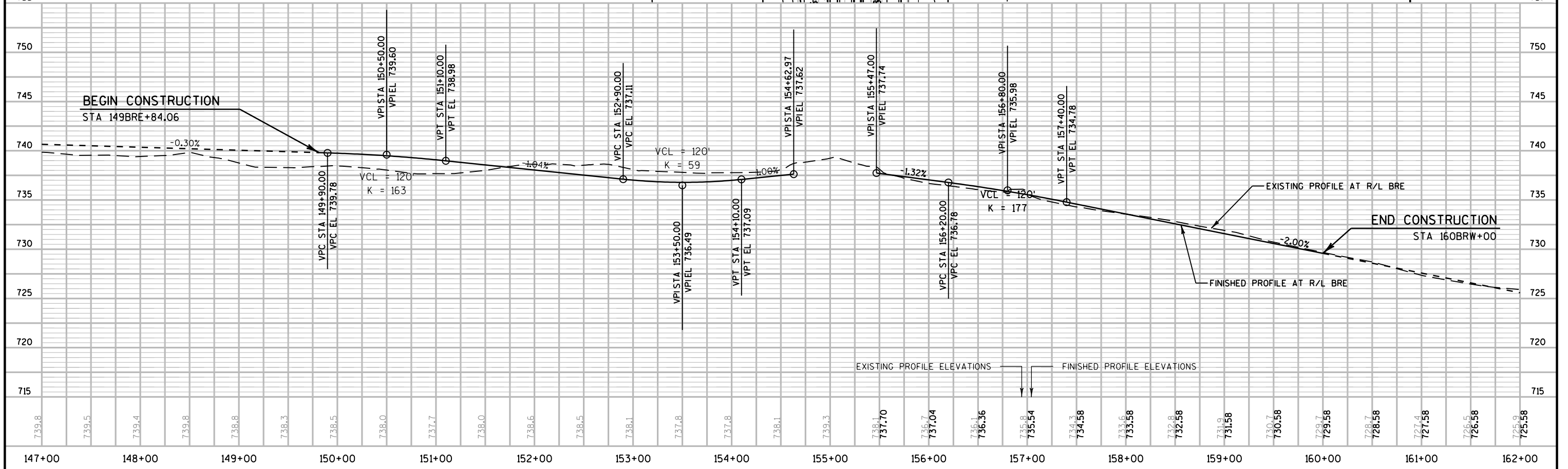
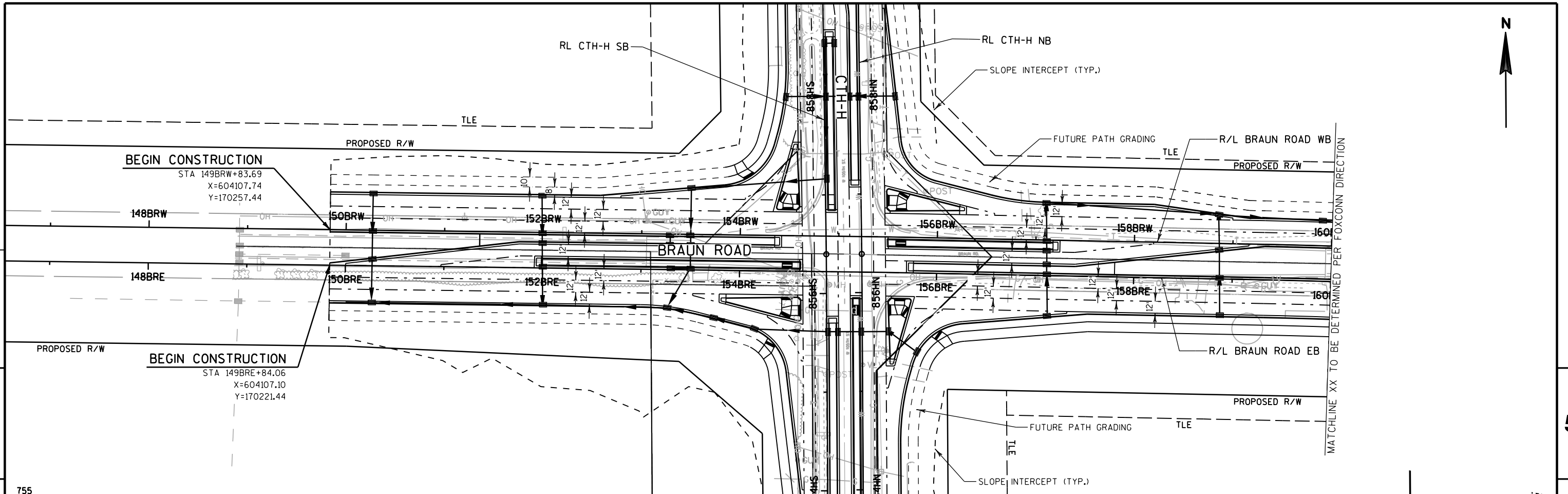
NOTE:
1) SEE CONTROL AND BENCHMARK OVERVIEW FOR BENCHMARKS.



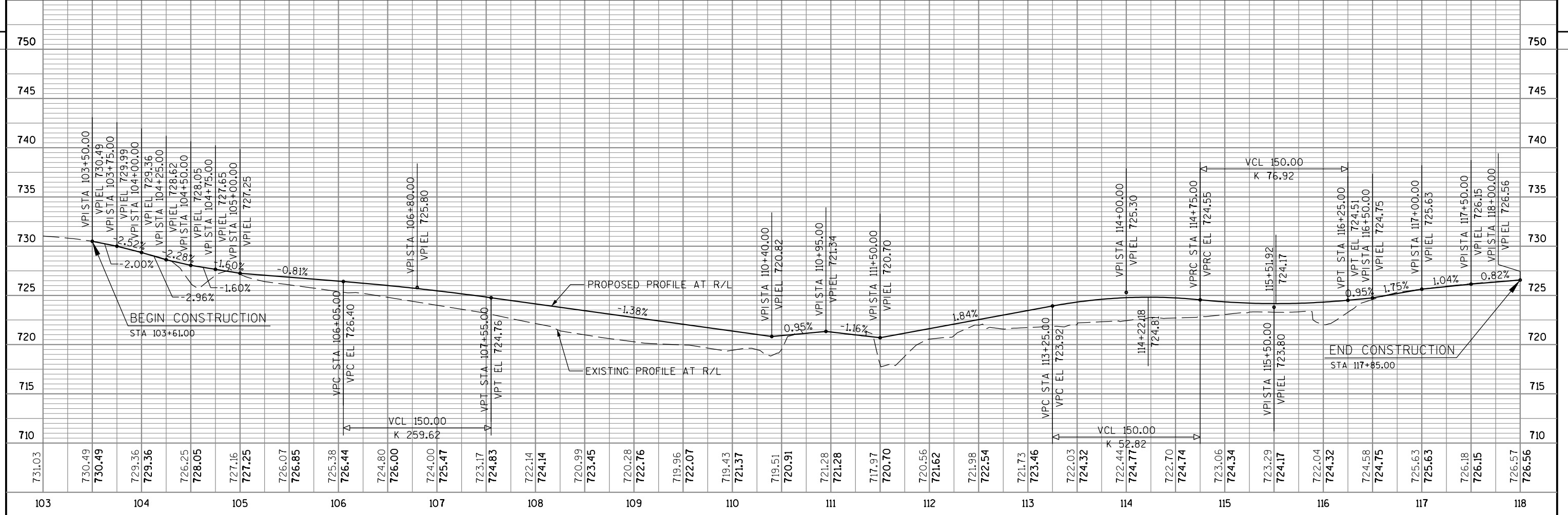
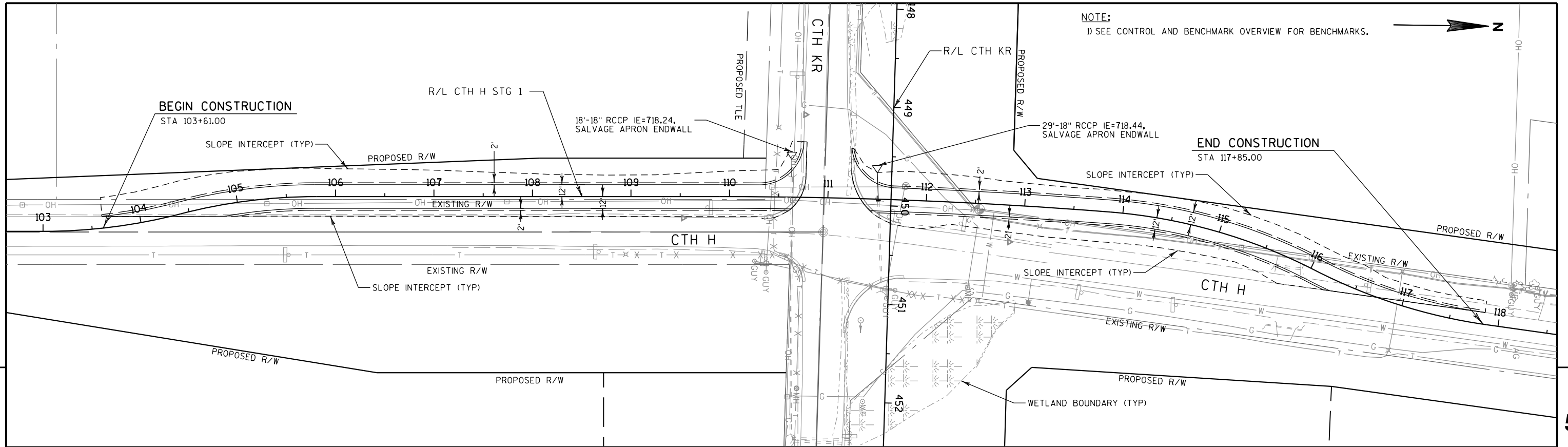
PROJECT NO: 3760-00-70	HWY: CTH H	COUNTY: RACINE	PLAN AND PROFILE: CTH KR	SHEET	E
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PROJECT NO: 3760-00-70 HWY: CTH H COUNTY: RACINE PLAN AND PROFILE: CTH H AND BRAUN INTERSECTION BRW SHEET 5

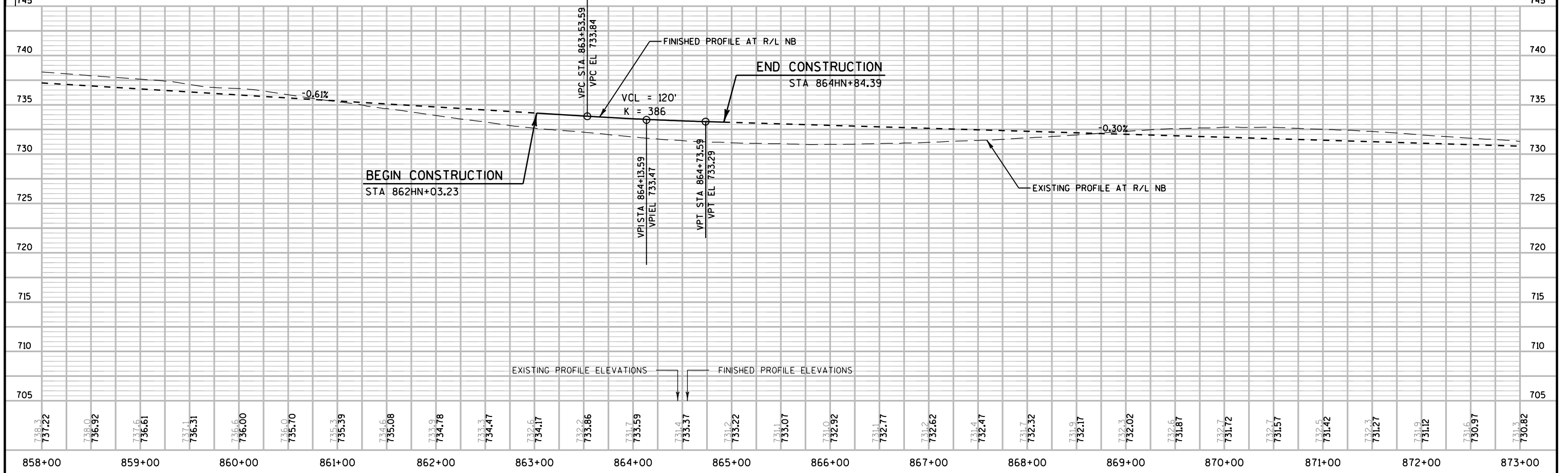
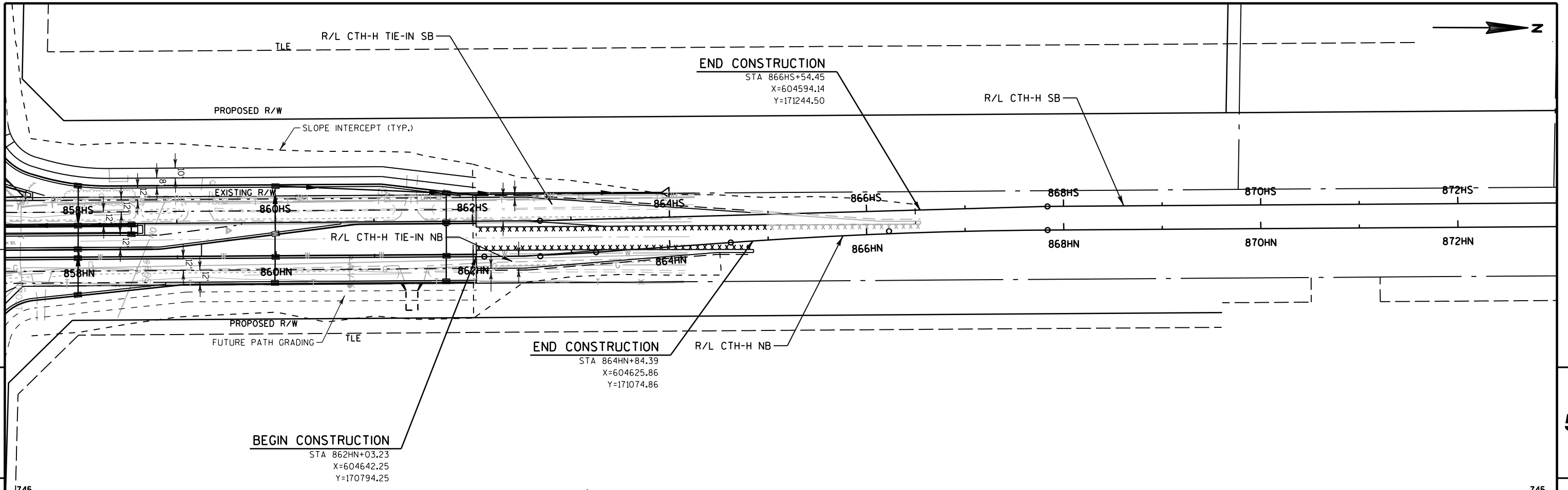


PROJECT NO: 3760-00-70 HWY: CTH H COUNTY: RACINE PLAN AND PROFILE: CTH H AND BRAUN INTERSECTION BRE SHEET E

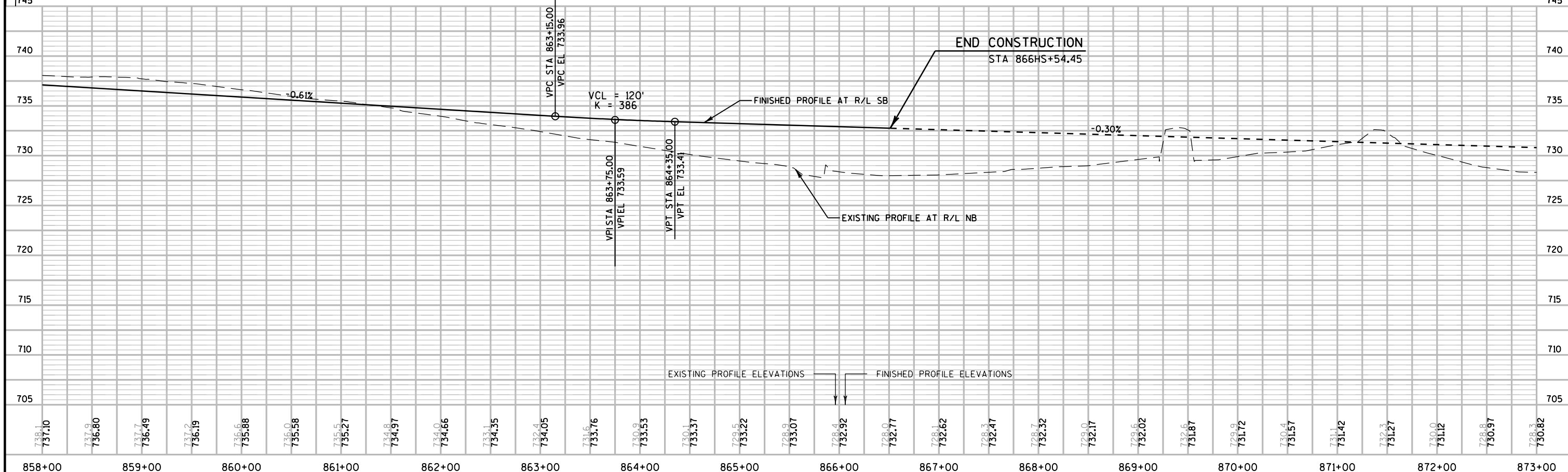
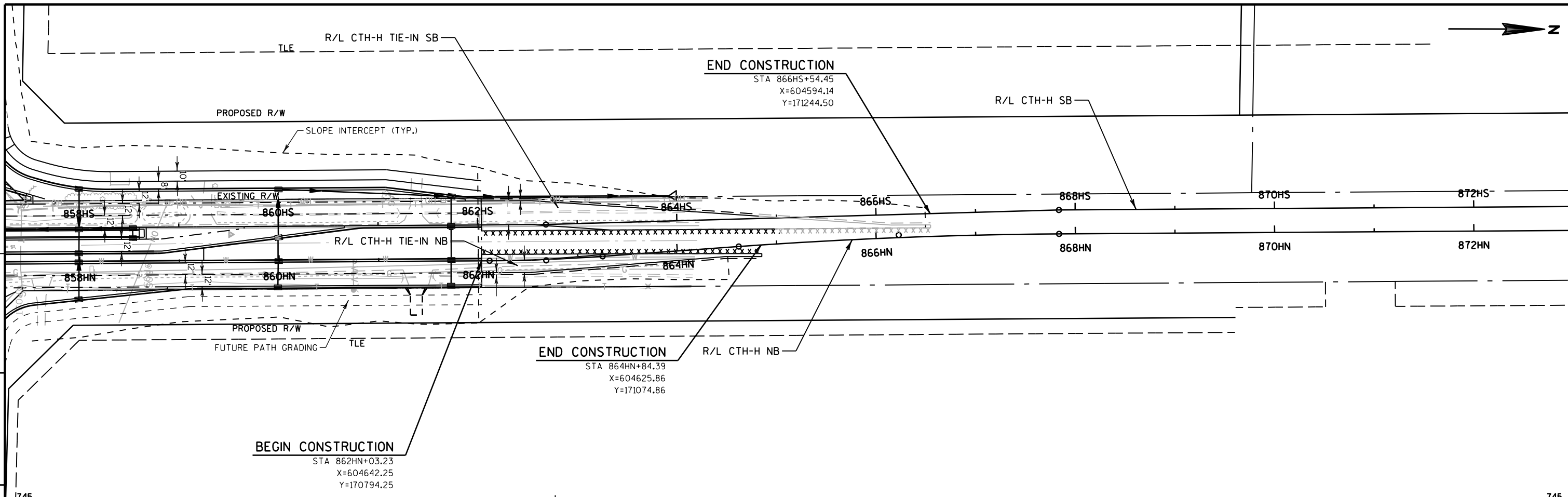


731.03	730.49	729.36	729.36	726.25	728.05	727.16	727.25	726.07	726.85	725.38	726.44	724.80	726.00	724.00	725.47	723.17	724.83	722.14	724.14	720.99	723.45	720.28	722.76	719.96	722.07	719.43	721.37	719.51	720.91	721.28	721.28	717.97	720.70	720.56	721.62	721.98	722.54	721.73	723.46	722.03	724.32	722.44	724.77	722.70	724.74	723.06	724.34	723.29	724.17	722.04	724.32	724.58	724.75	725.63	725.63	726.18	726.15	726.57	726.56
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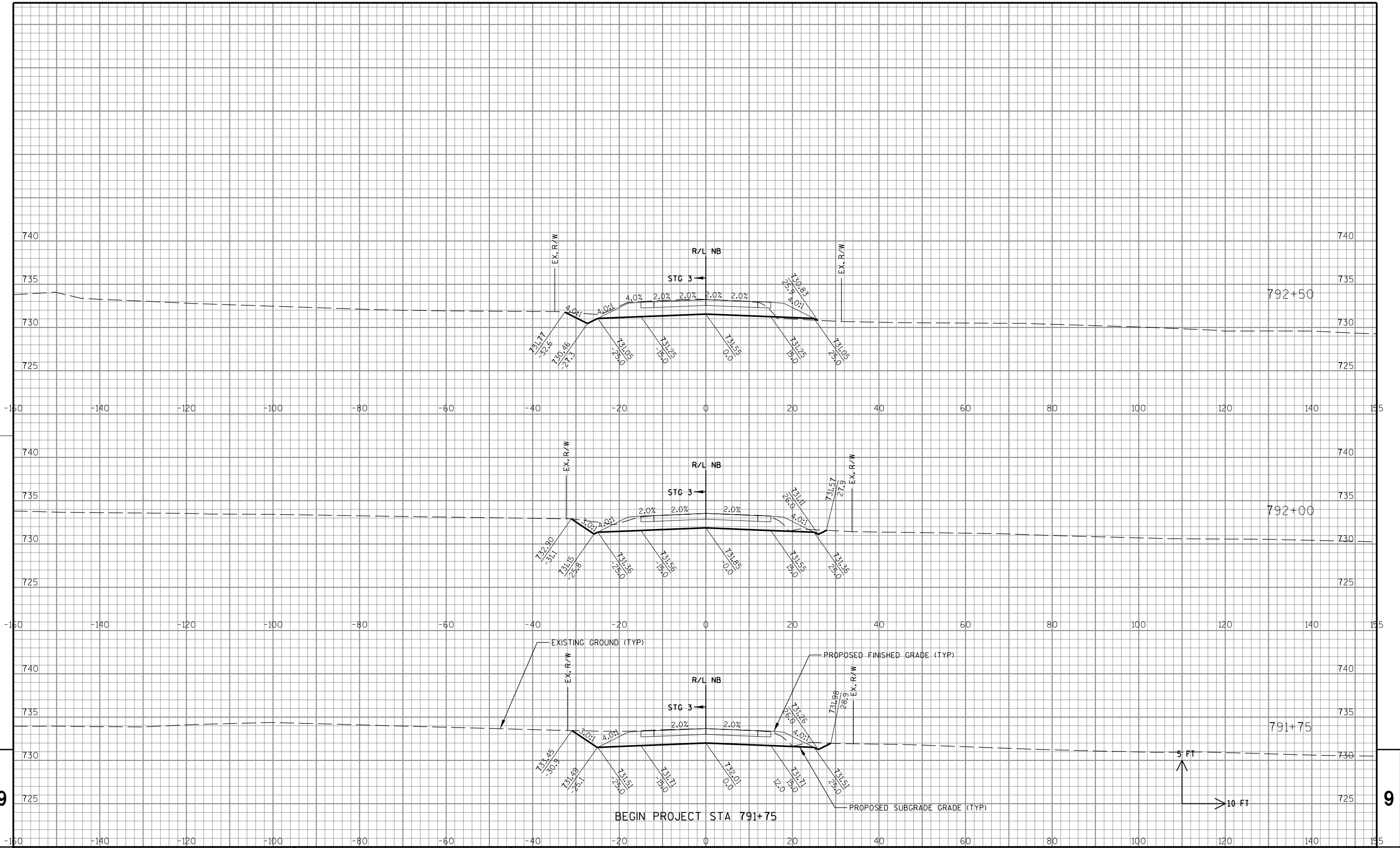
PROJECT NO: 3760-00-70 HWY: CTH H COUNTY: RACINE PLAN AND PROFILE: CTH H TEMPORARY PAVEMENT SHEET **E**

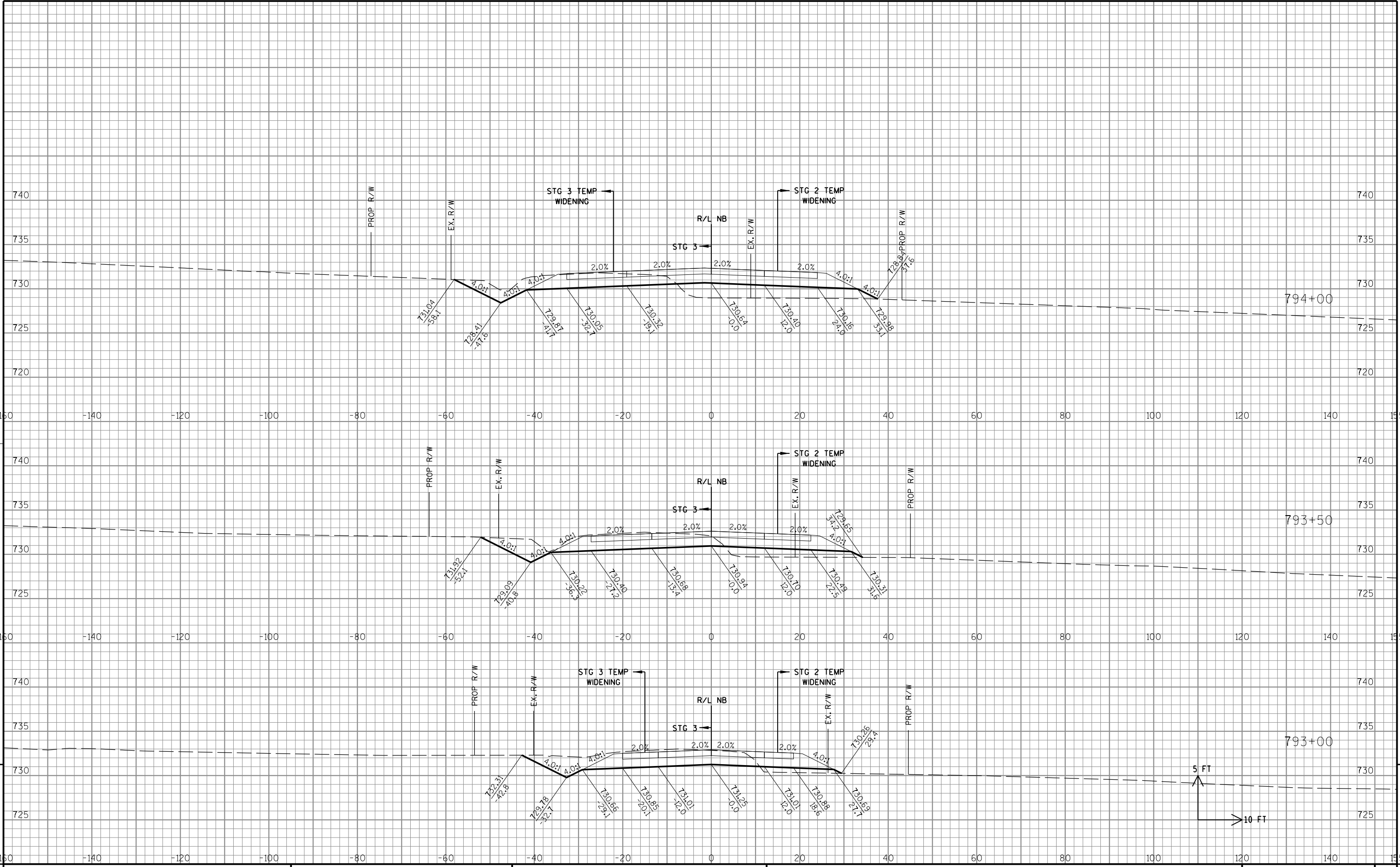


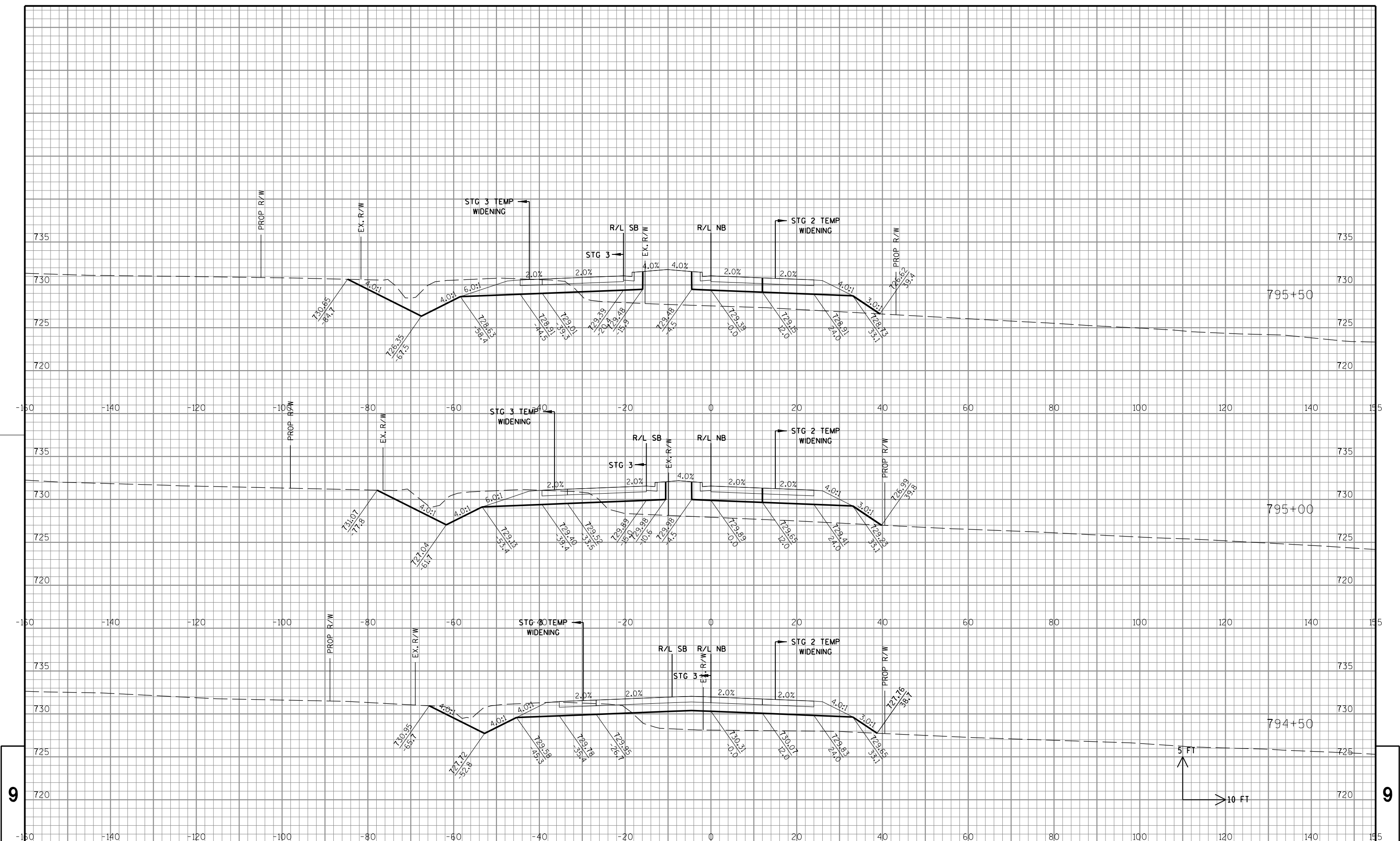
PROJECT NO: 3760-00-70 HWY: CTH-H COUNTY: RACINE PLAN AND PROFILE: CTH-H NB TEMPORARY TIE-IN SHEET 5



PROJECT NO: 3760-00-70 HWY: CTH-H COUNTY: RACINE PLAN AND PROFILE: CTH-H SB TEMPORARY TIE-IN SHEET 5







STATE PROJECT NO: 3760-00-70

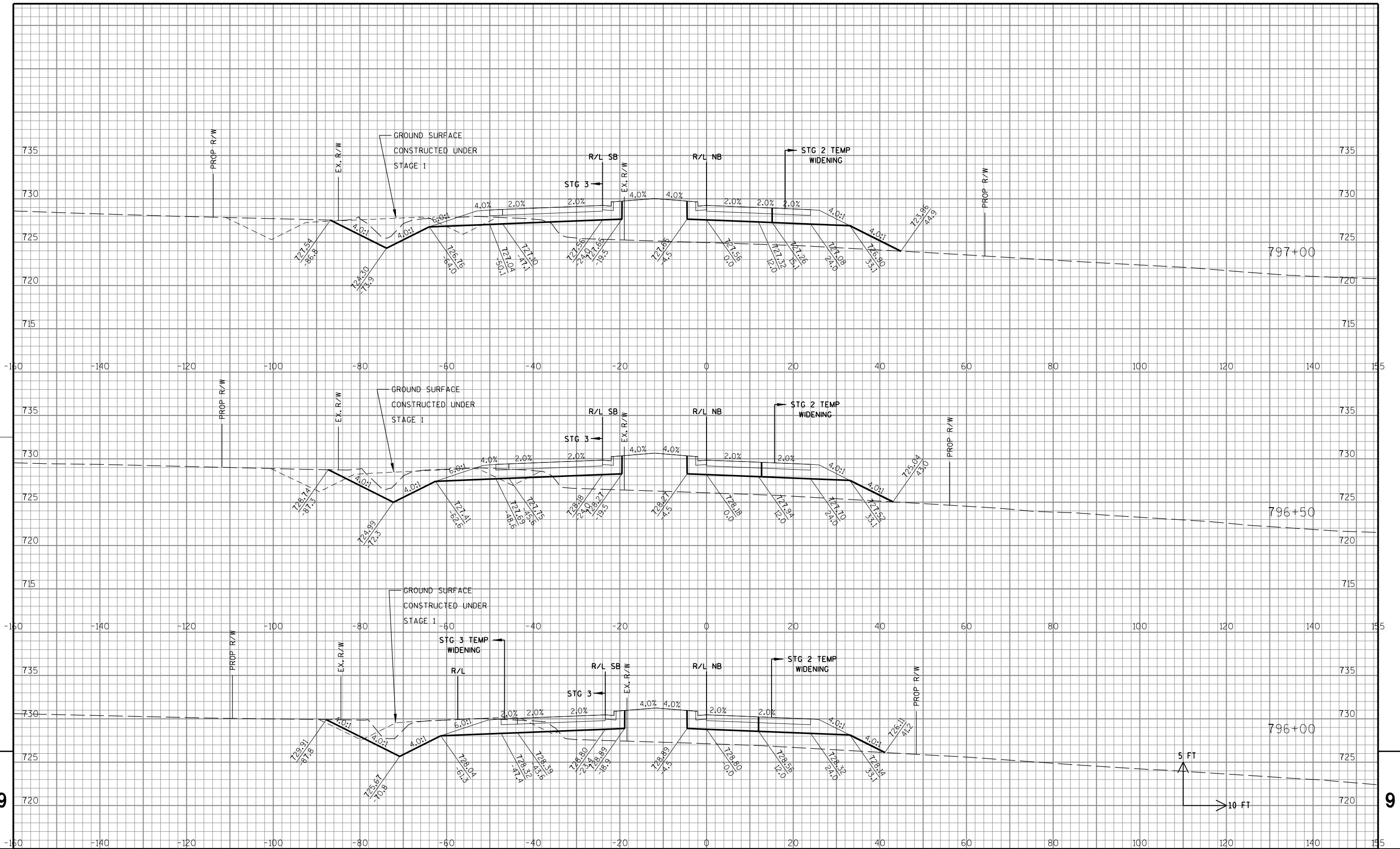
HWY: CTH H

COUNTY: RACINE

CROSS SECTIONS: CTH H

SHEET NO: .

E



STATE PROJECT NO: 3760-00-70

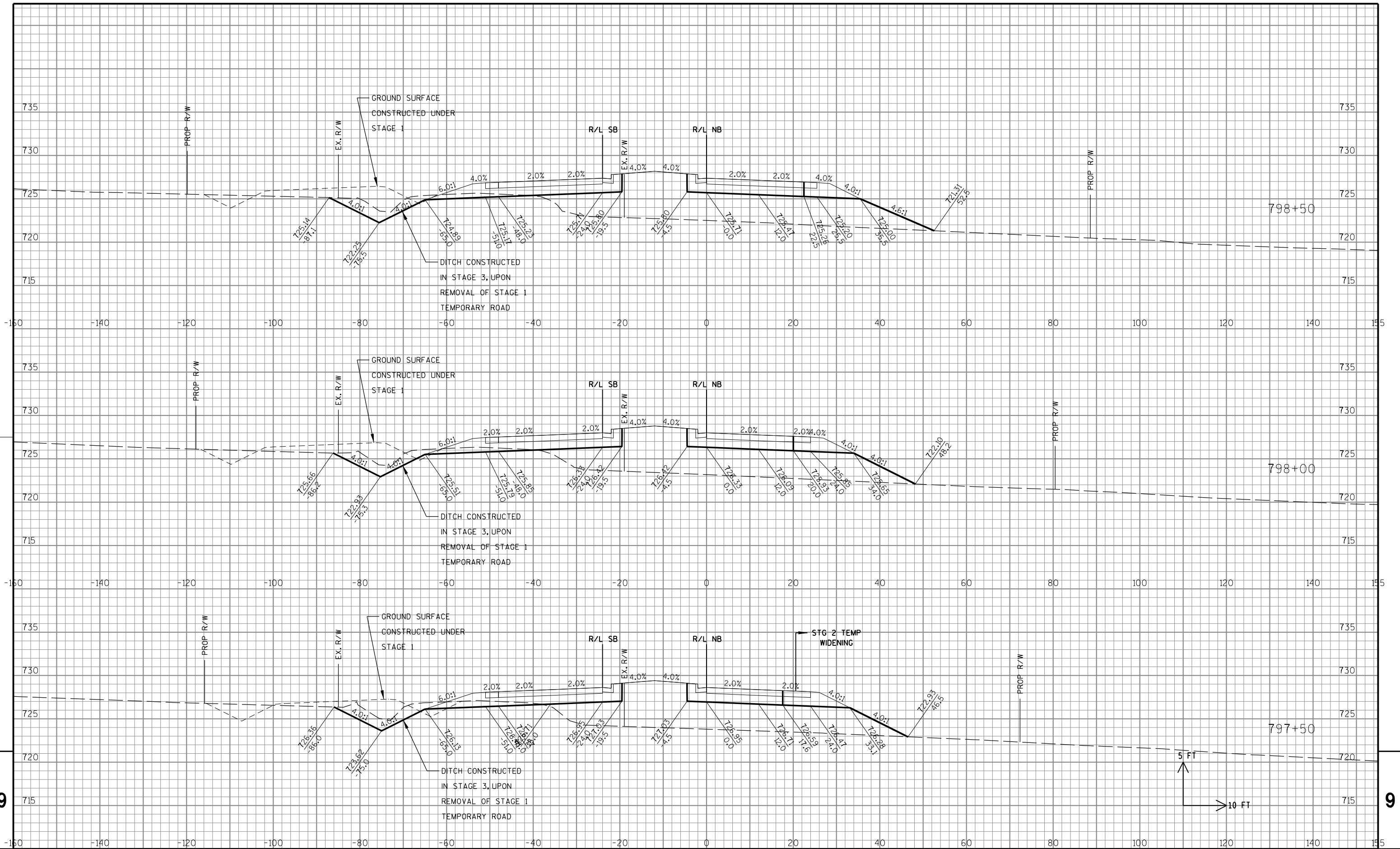
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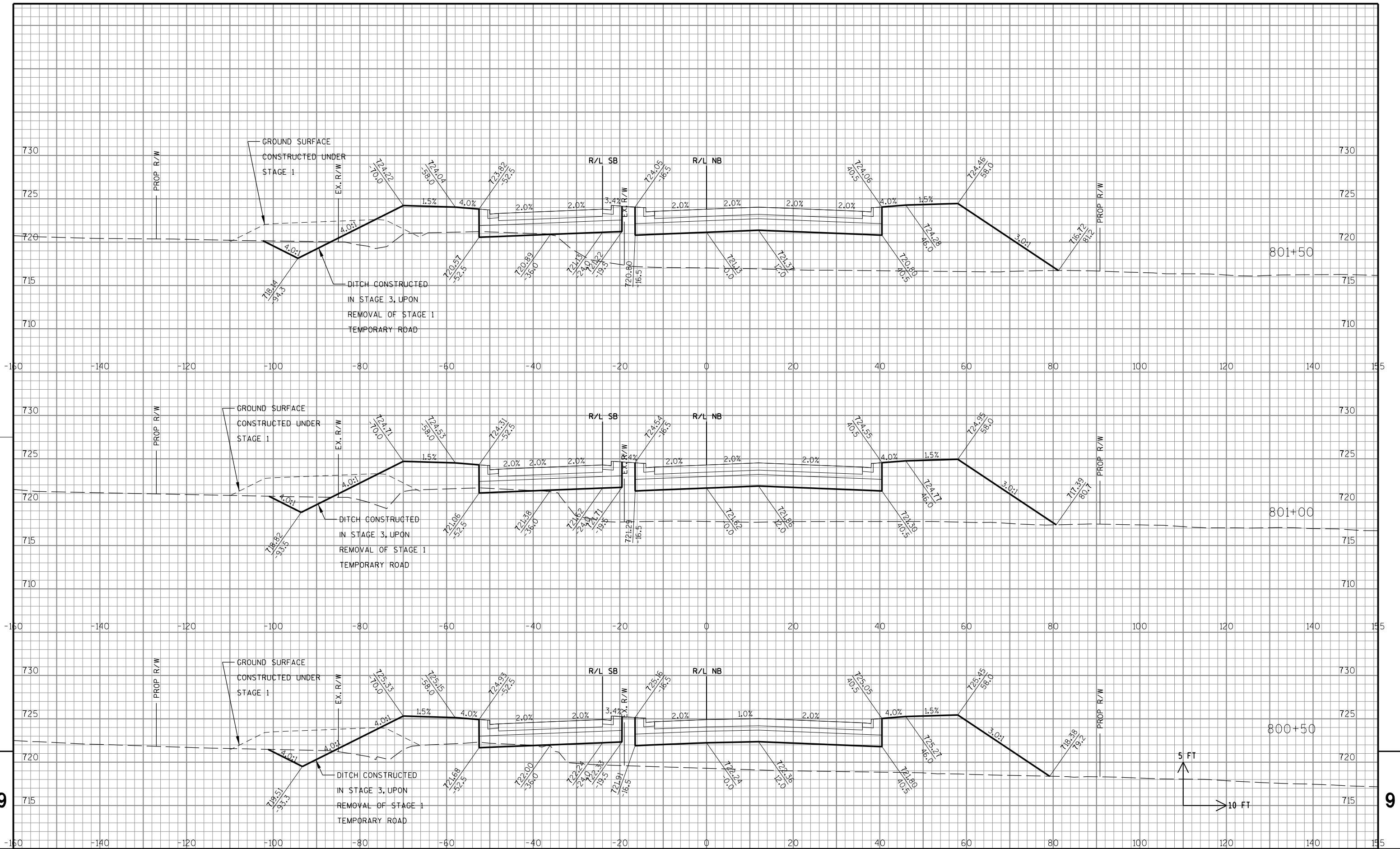
COUNTY: RACINE

CROSS SECTIONS: CTH H

SHEET NO: .

E





STATE PROJECT NO: 3760-00-70

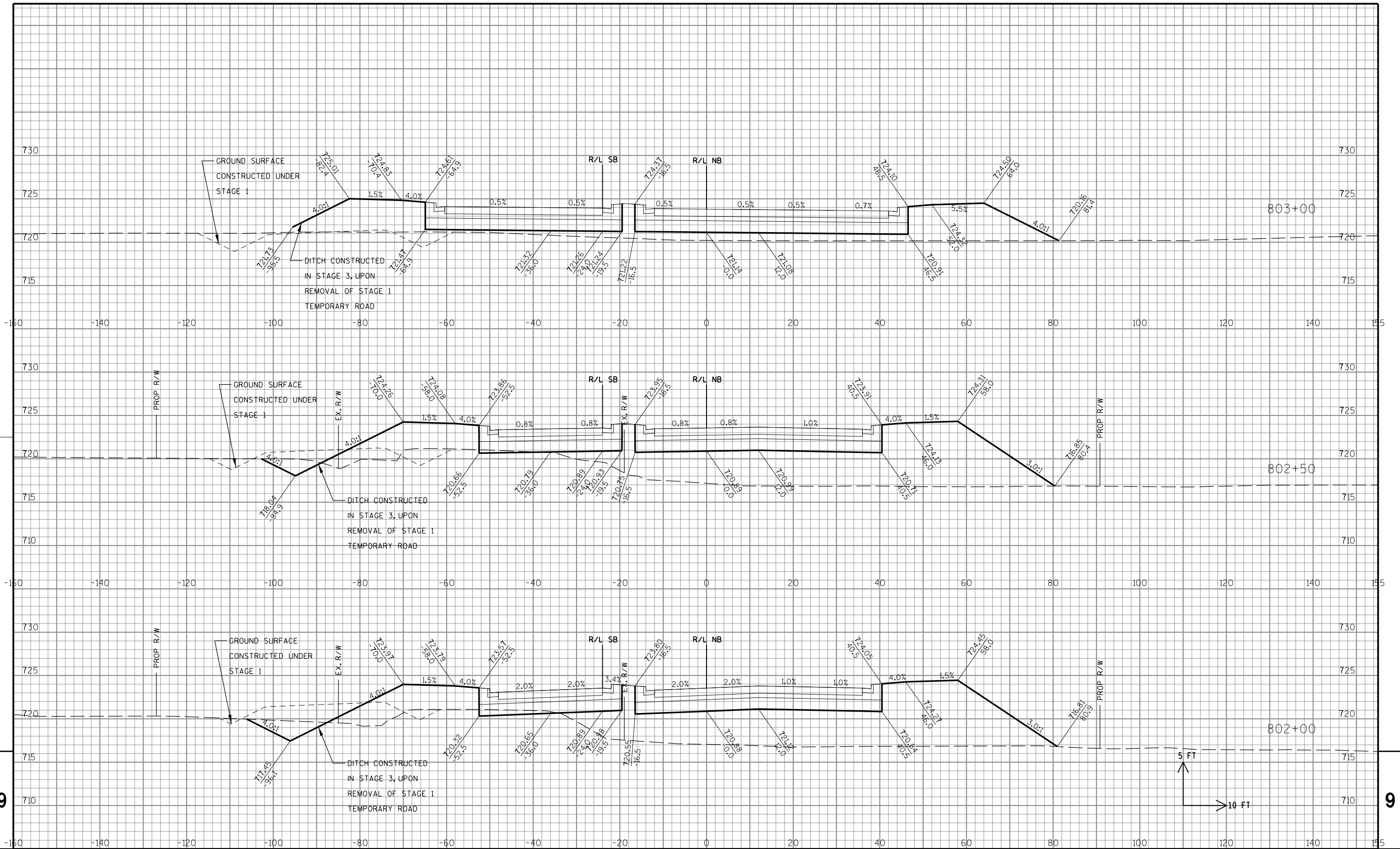
HWY: CTH H

COUNTY: RACINE

CROSS SECTIONS: CTH H

SHEET NO: .

E



STATE PROJECT NO: 3760-00-70

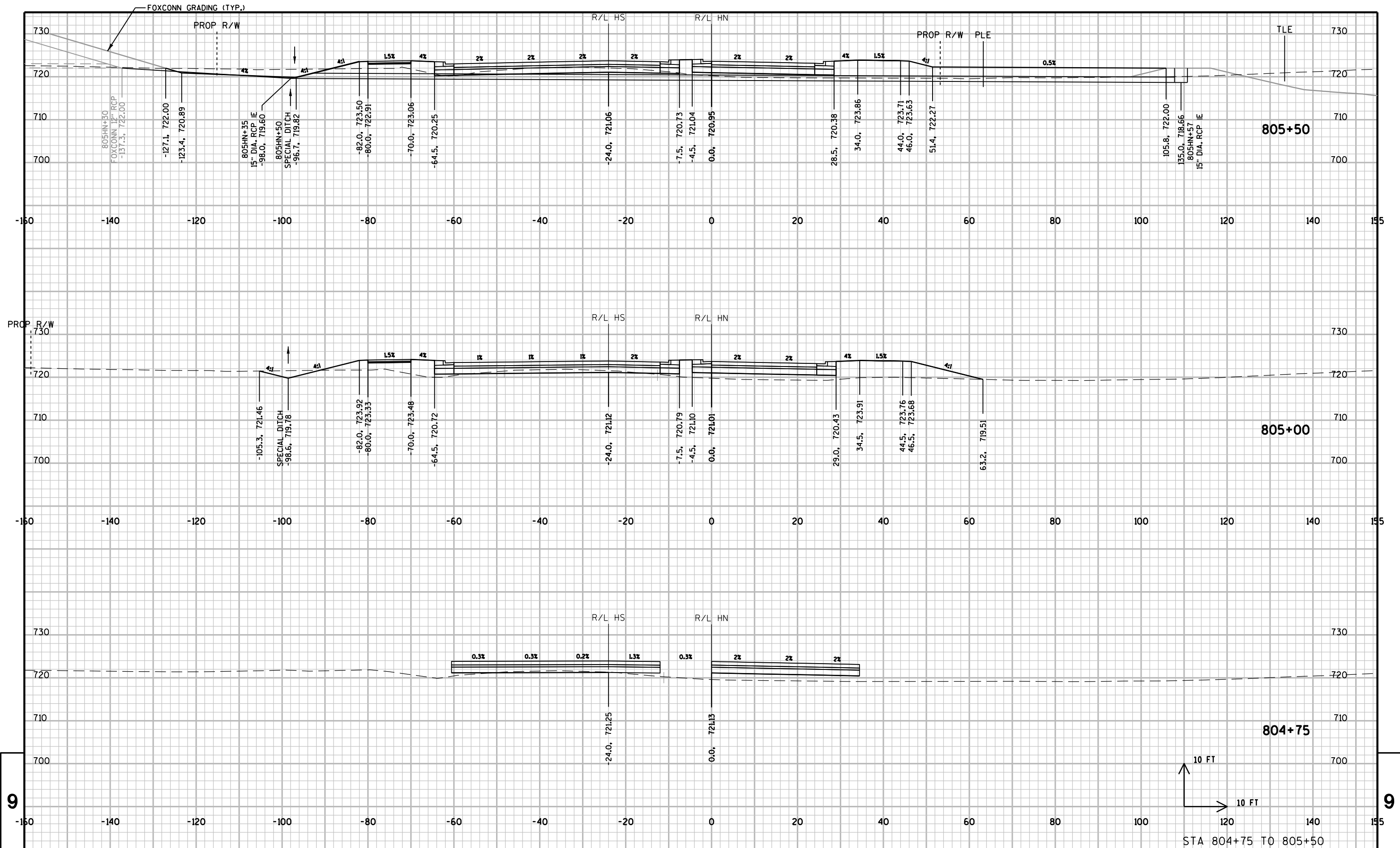
HWY: CTH H

COUNTY: RACINE

CROSS SECTIONS: CTH H

SHEET NO: .

E



PROJECT NO: 3760-00-70

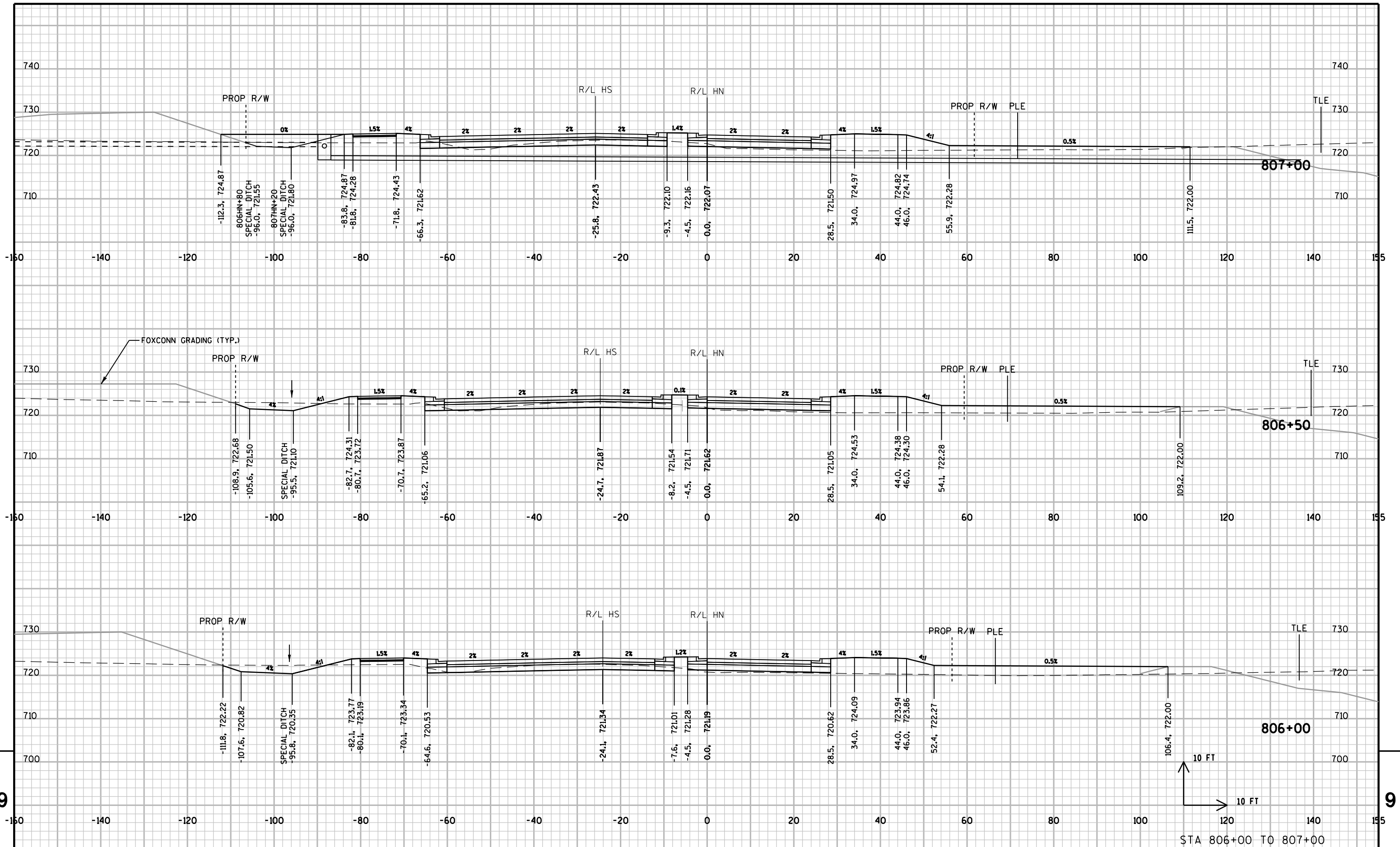
HWY: CTH H

COUNTY: RACINE

CROSS SECTIONS: CTH H

SHEET

E



PROJECT NO: 3760-00-70

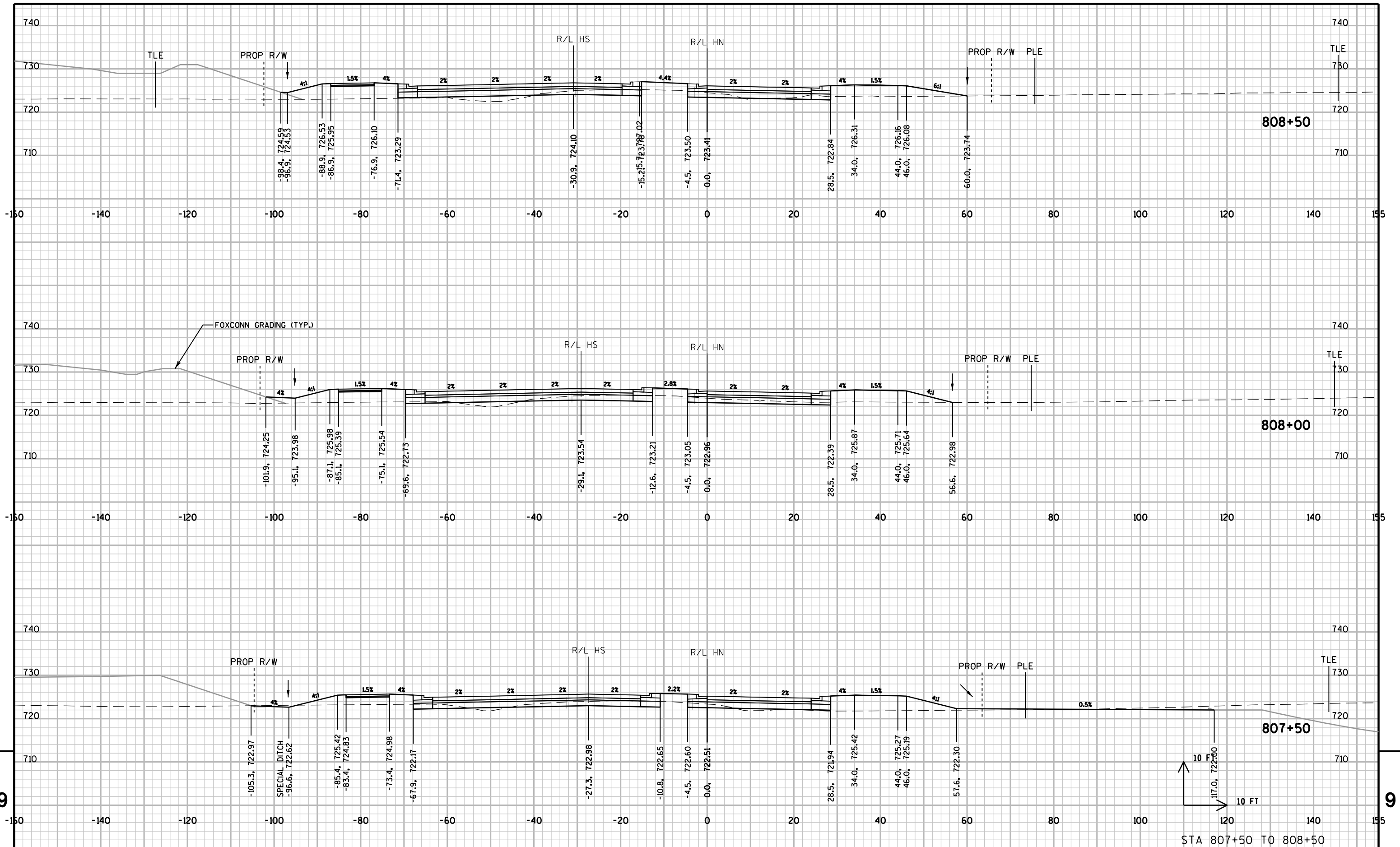
HWY: CTH H

COUNTY: RACINE

CROSS SECTIONS: CTH H

SHEET

E



PROJECT NO: 3760-00-70

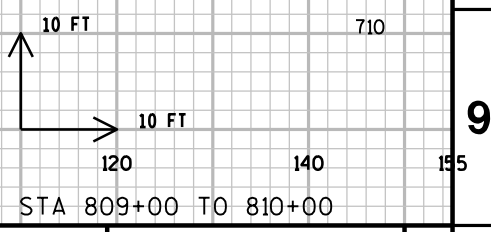
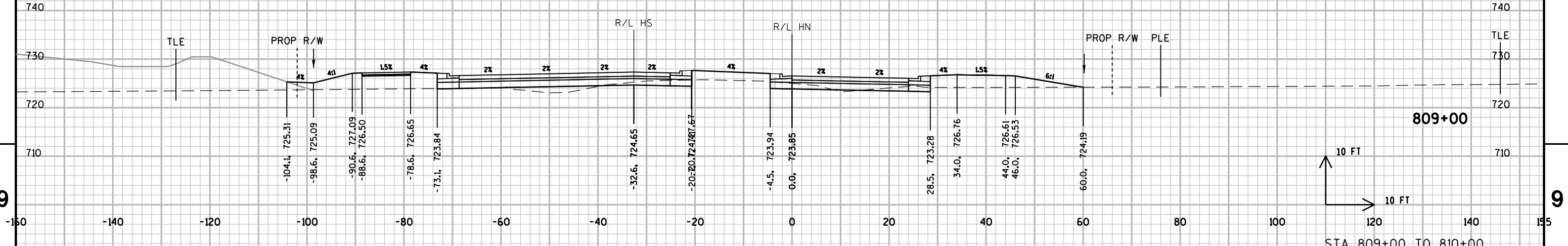
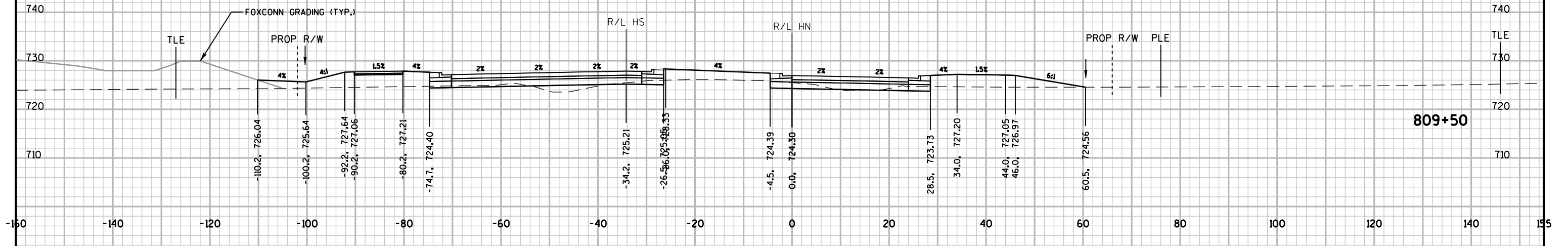
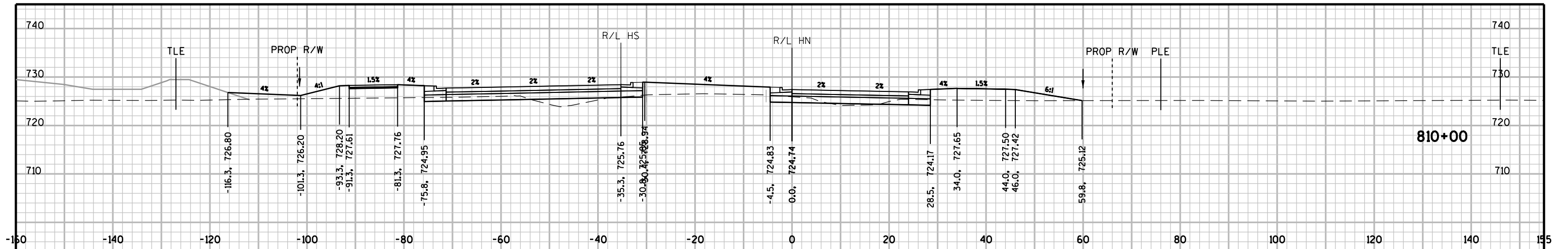
HWY: CTH H

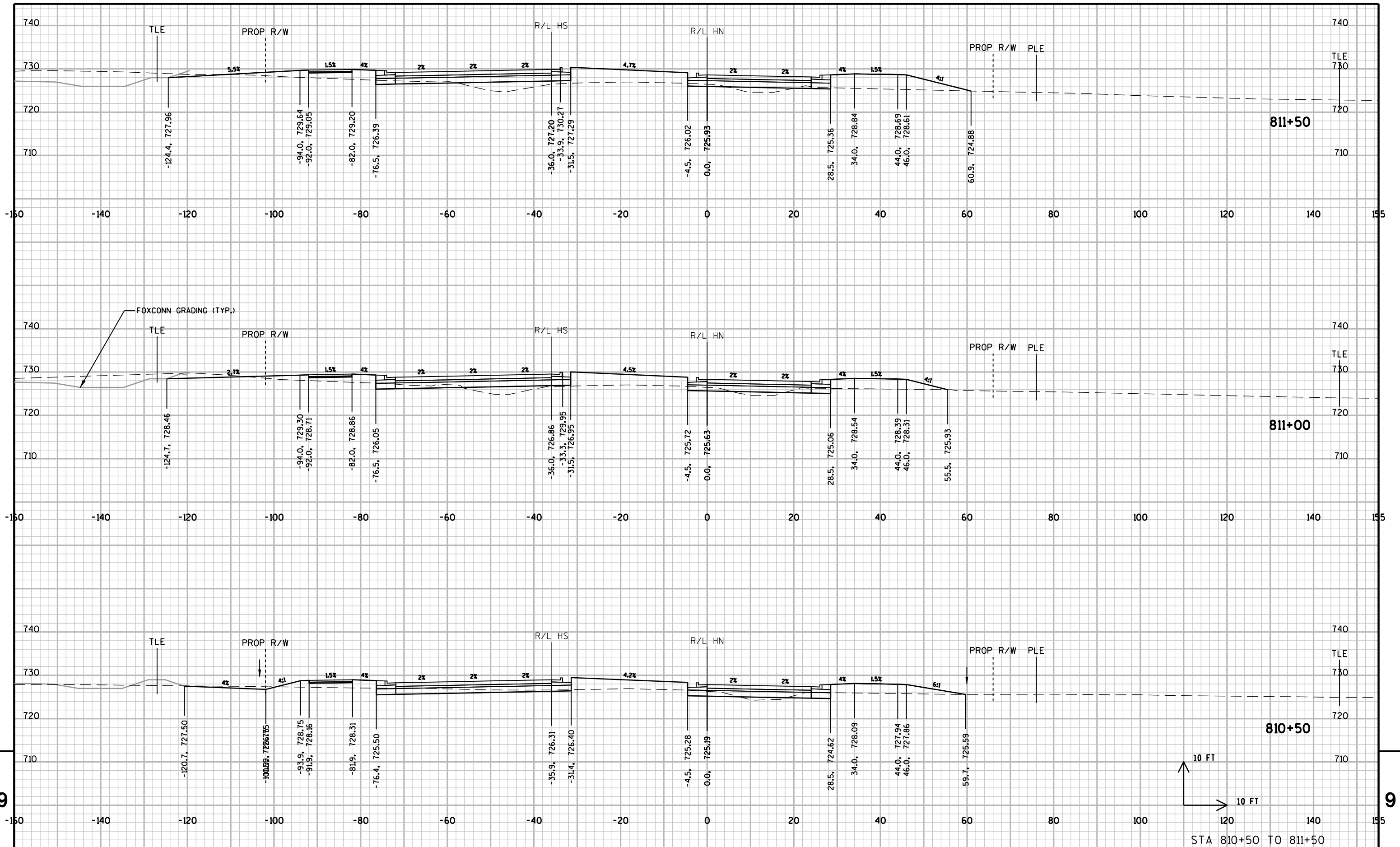
COUNTY: RACINE

CROSS SECTIONS: CTH H

SHEET

E





PROJECT NO: 3760-00-70

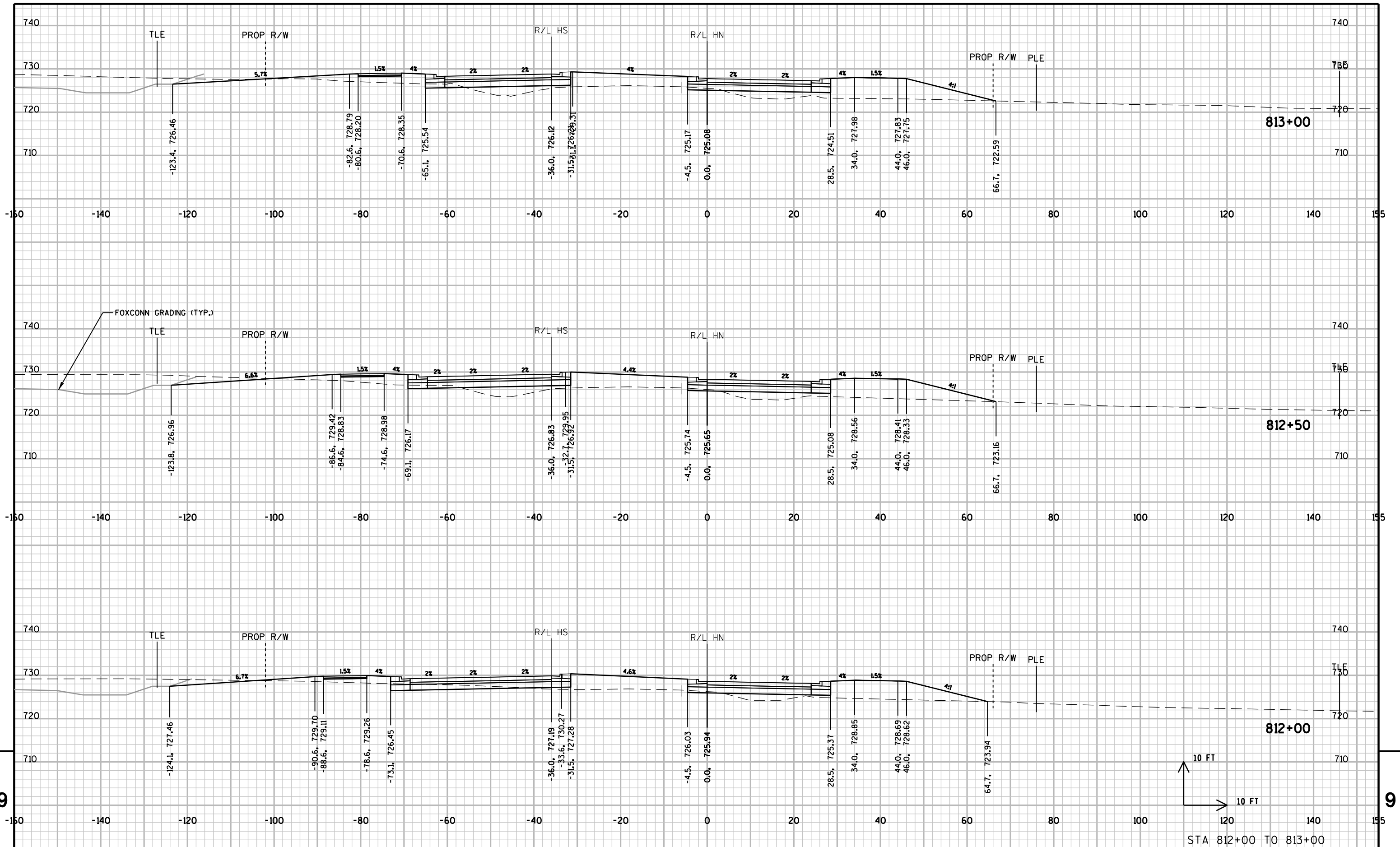
HWY: CTH H

COUNTY: RACINE

CROSS SECTIONS: CTH H

SHEET

E



PROJECT NO: 3760-00-70

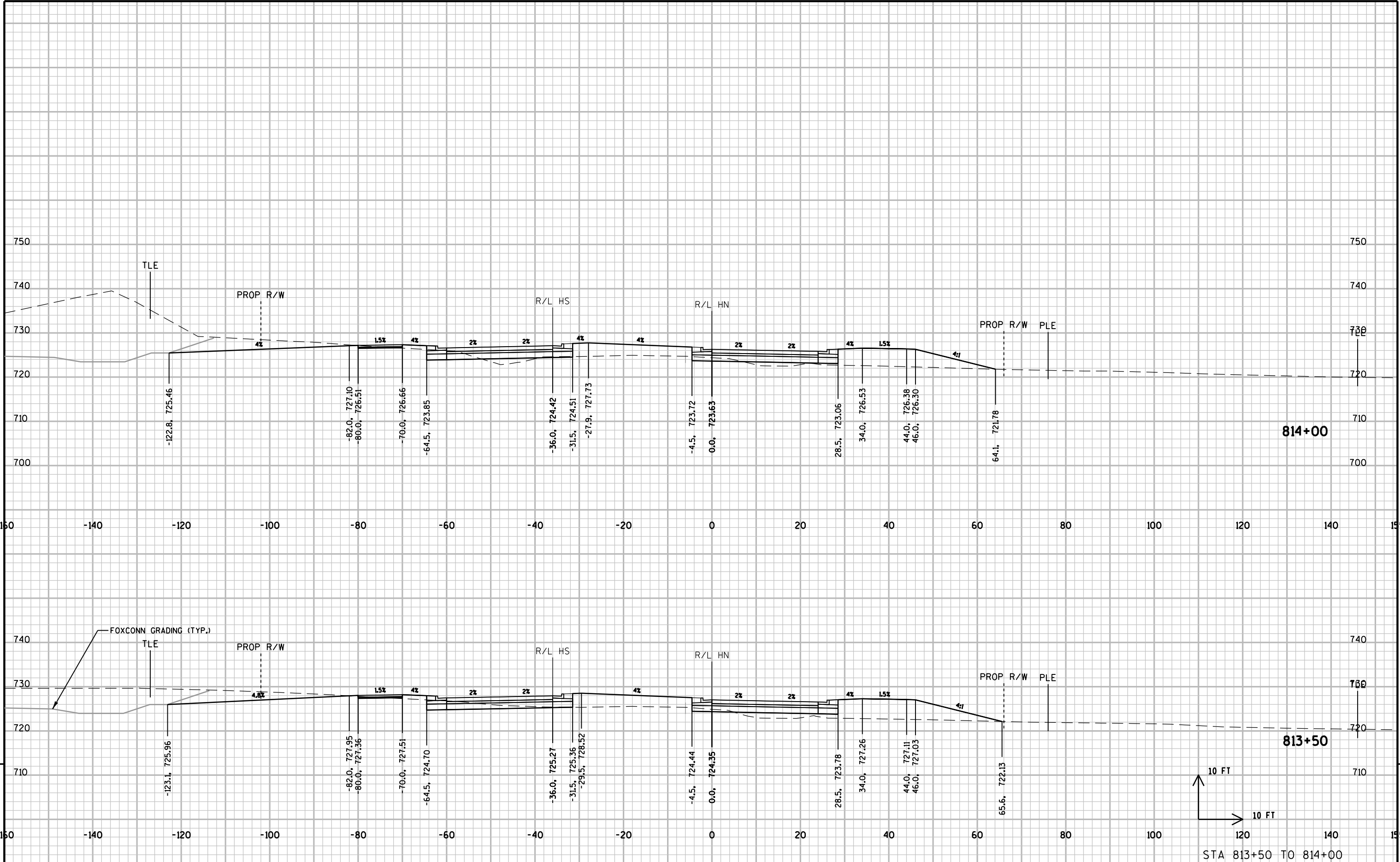
HWY: CTH H

COUNTY: RACINE

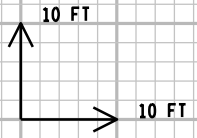
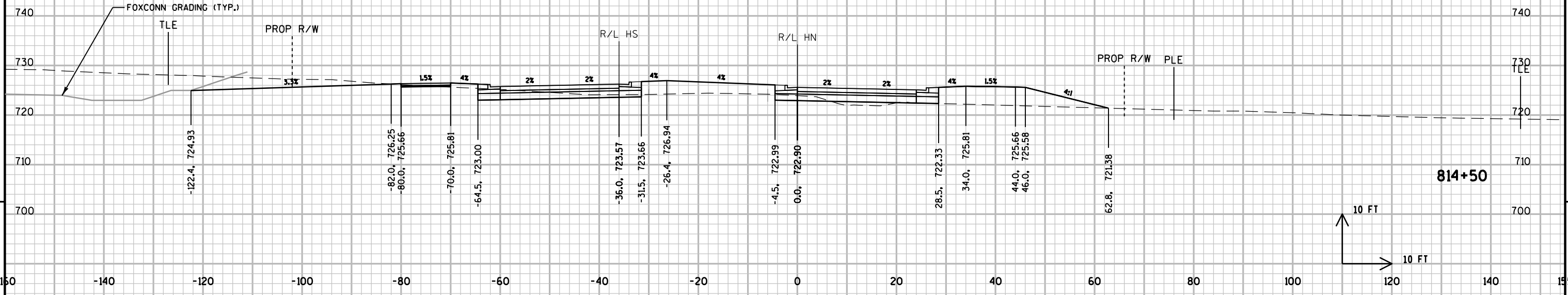
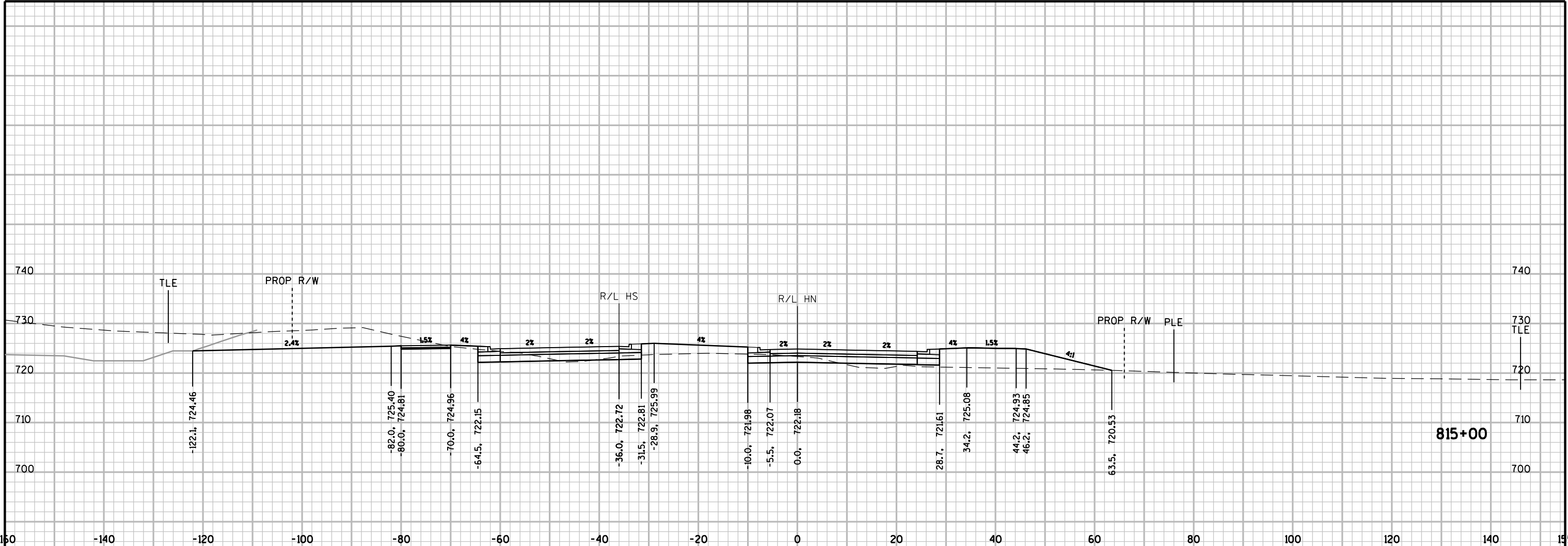
CROSS SECTIONS: CTH H

SHEET

E

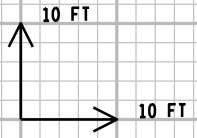
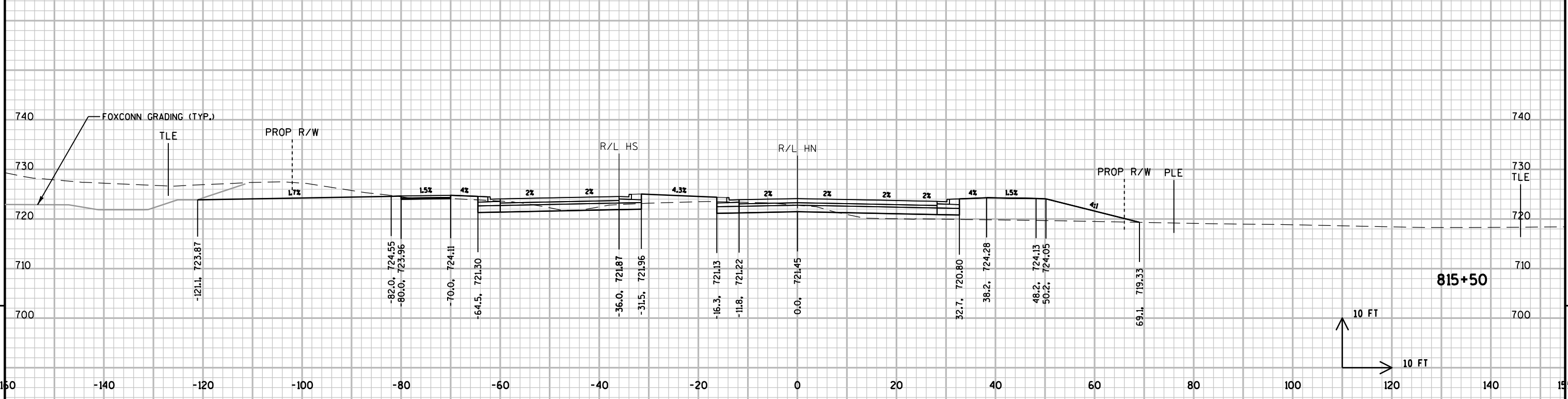
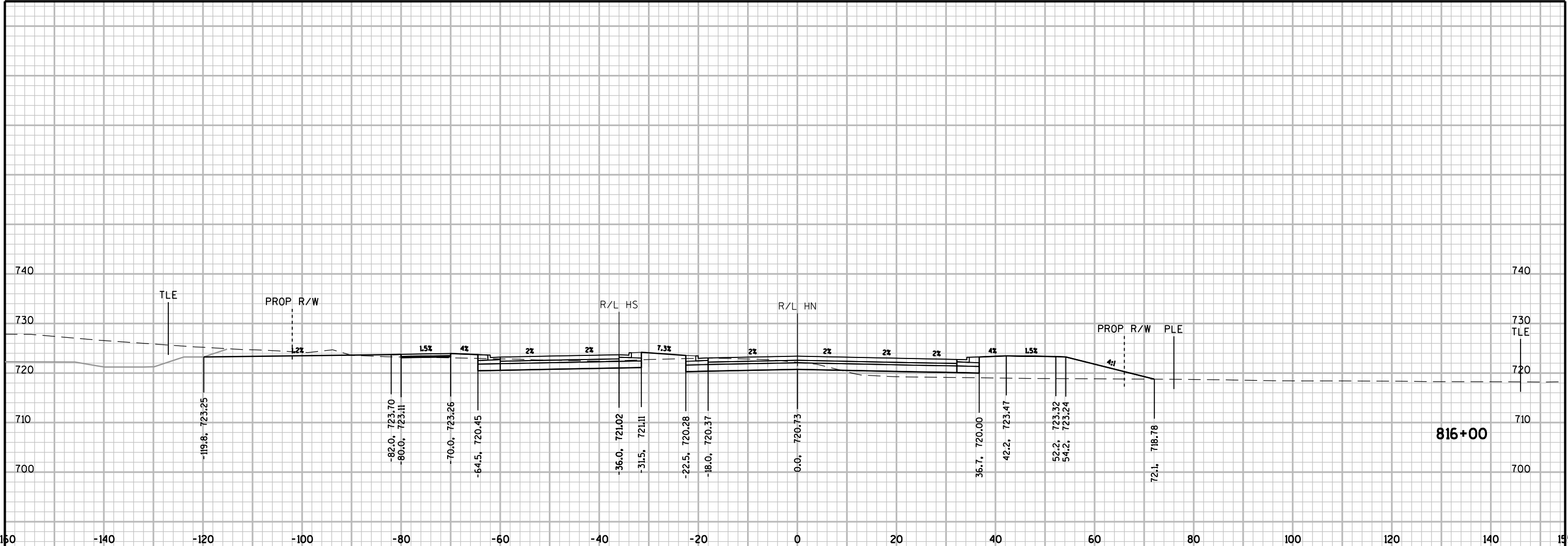


PROJECT NO: 3760-00-70	HWY: CTH H	COUNTY: RACINE	CROSS SECTIONS: CTH H	SHEET
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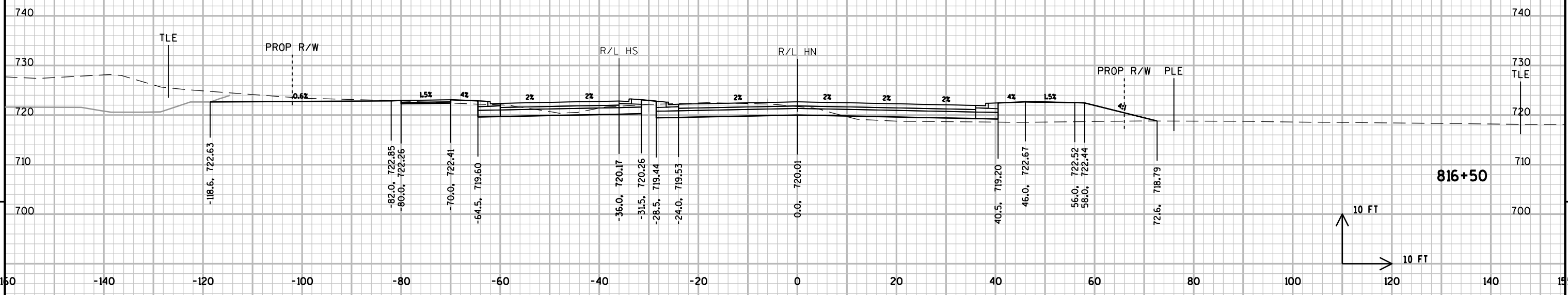
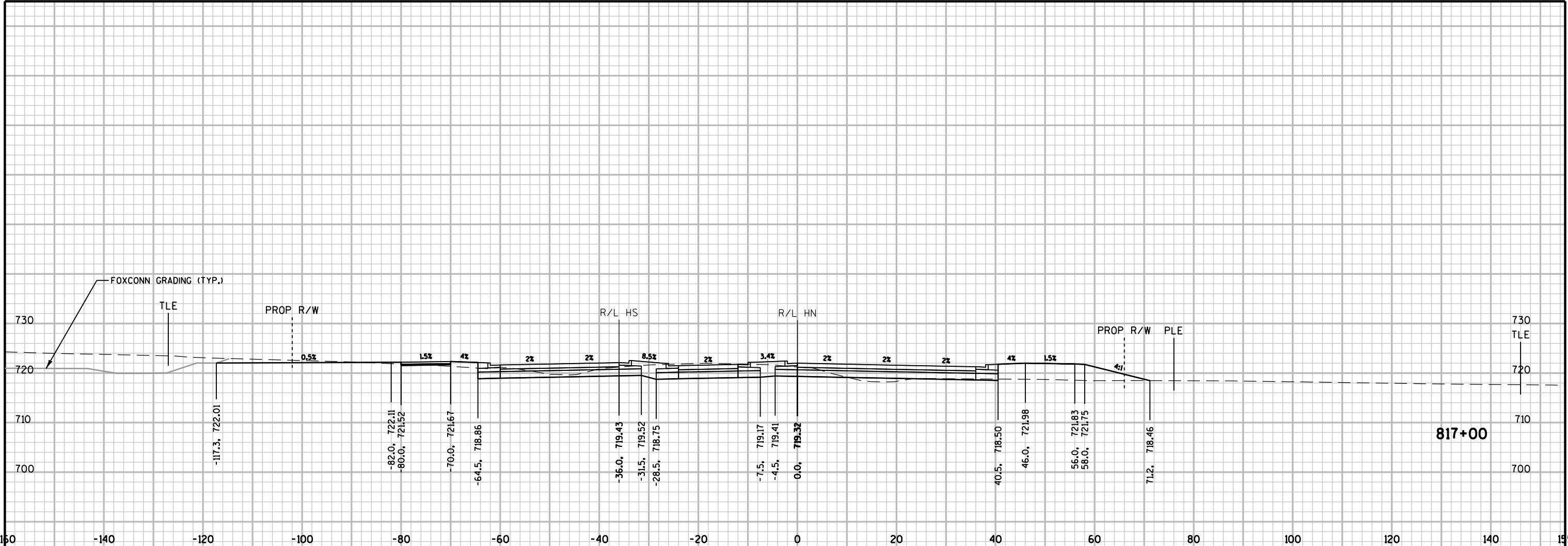
STA 814+50 TO 815+00

PROJECT NO: 3760-00-70	HWY: CTH H	COUNTY: RACINE	CROSS SECTIONS: CTH H	SHEET	E
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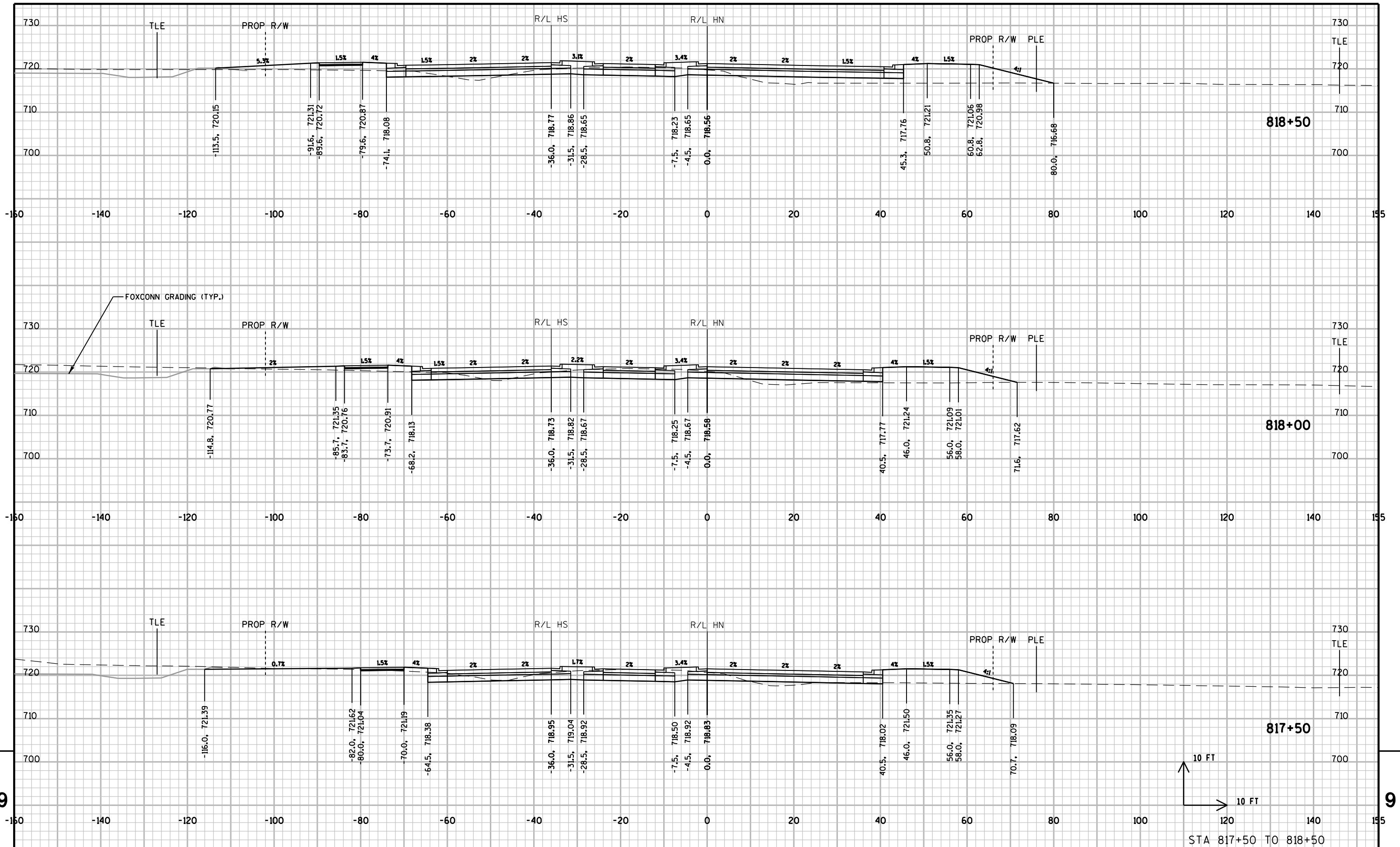


STA 815+50 TO 816+00

PROJECT NO: 3760-00-70 HWY: CTH H COUNTY: RACINE CROSS SECTIONS: CTH H SHEET E



PROJECT NO: 3760-00-70 HWY: CTH H COUNTY: RACINE CROSS SECTIONS: CTH H SHEET E



PROJECT NO: 3760-00-70

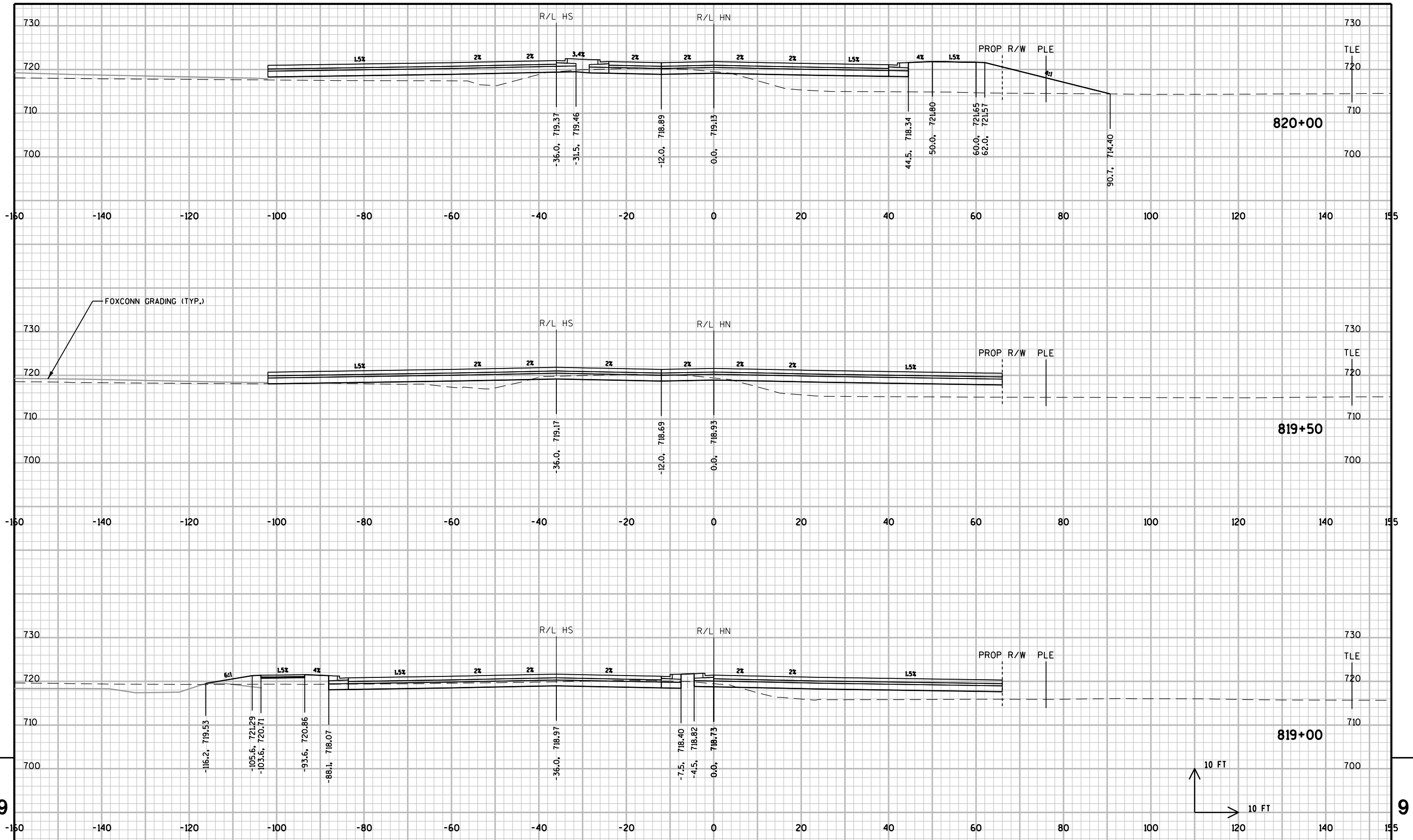
HWY: CTH H

COUNTY: RACINE

CROSS SECTIONS: CTH H

SHEET

E



PROJECT NO: 3760-00-70

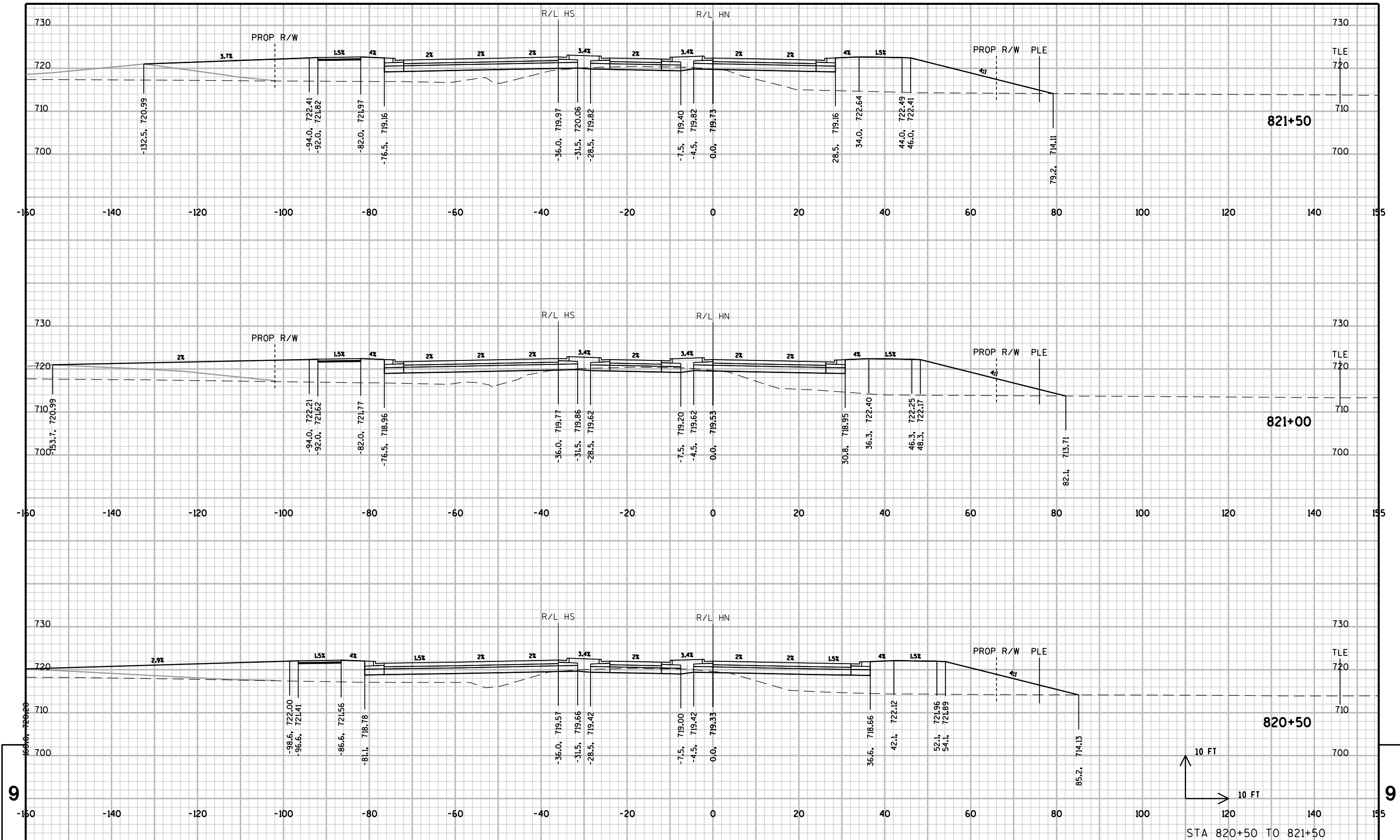
HWY: CTH H

COUNTY: RACINE

CROSS SECTIONS: CTH H

SHEET

E



PROJECT NO: 3760-00-70

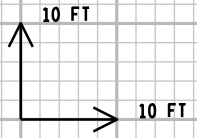
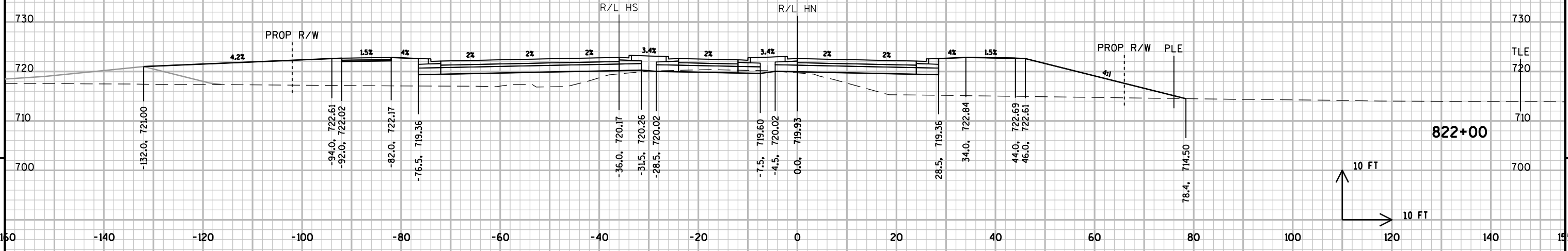
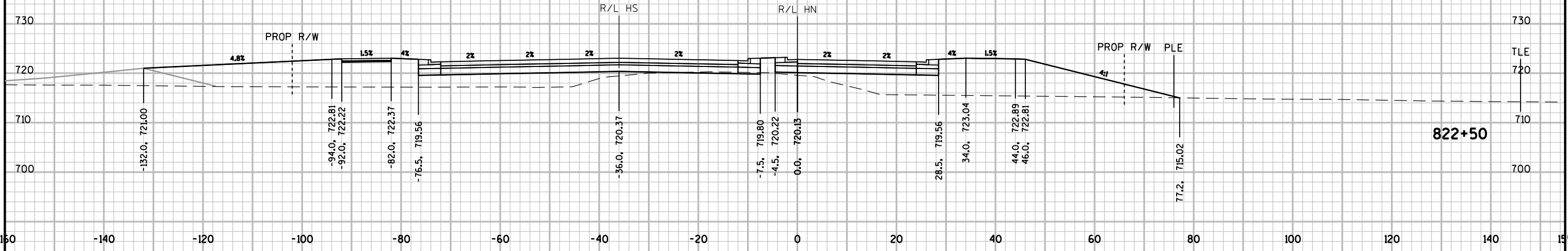
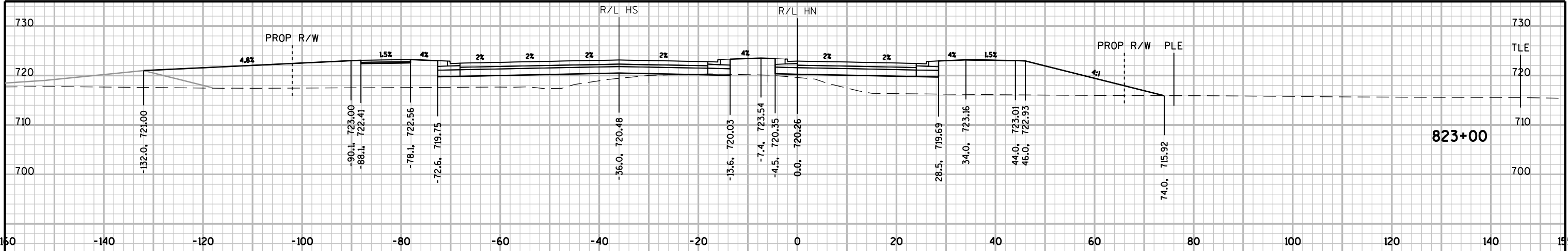
HWY: CTH H

COUNTY: RACINE

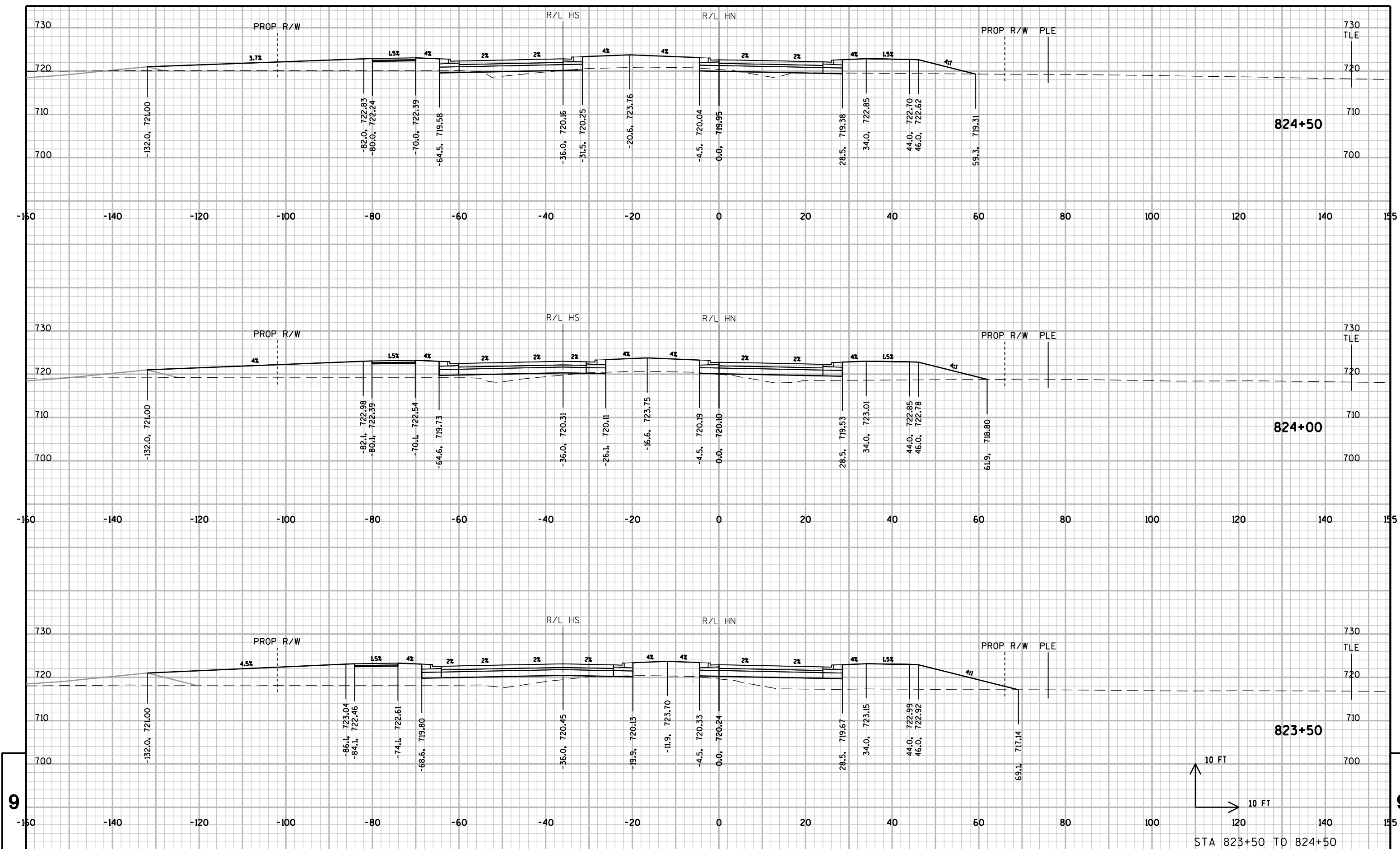
CROSS SECTIONS: CTH H

SHEET

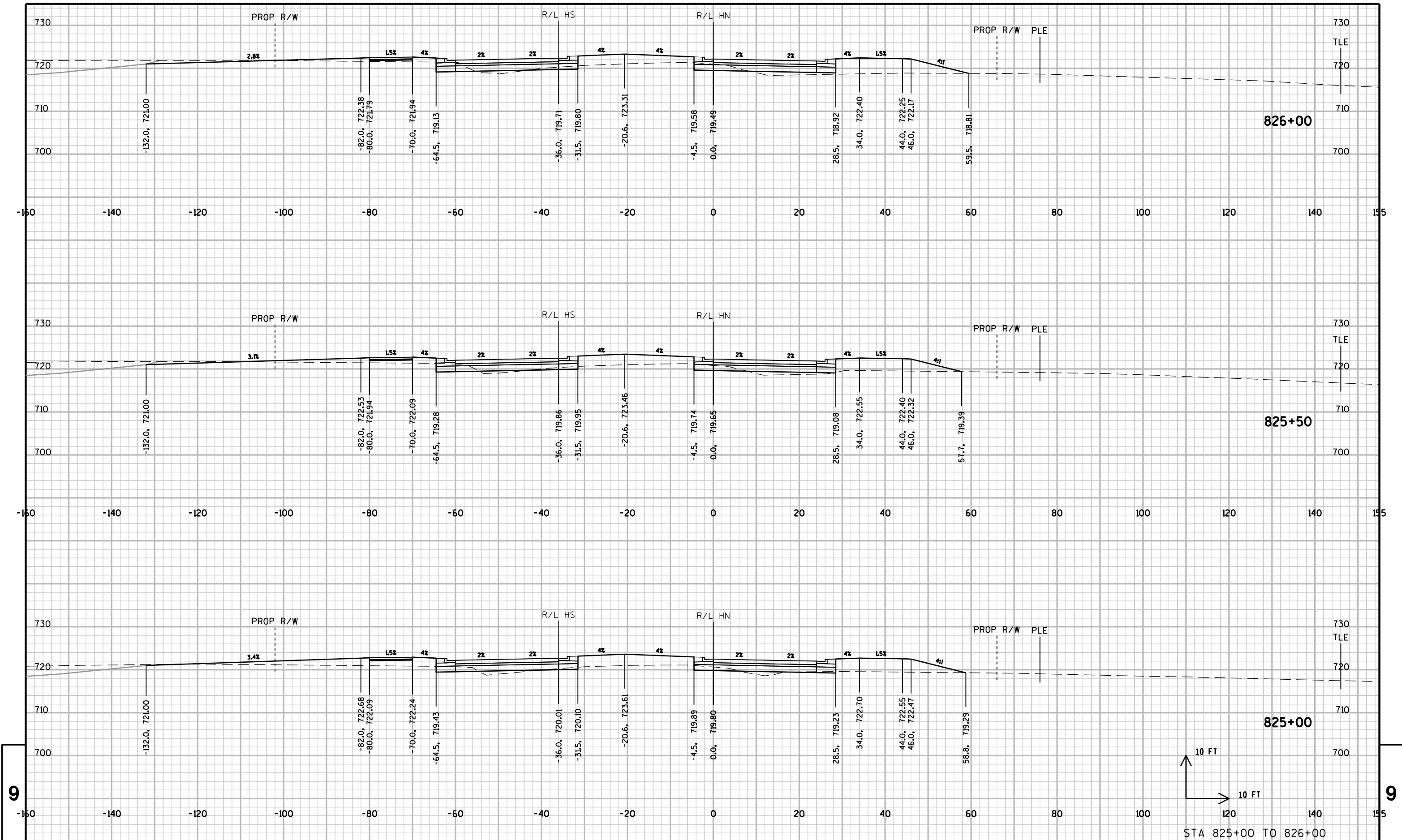
E



STA 822+00 TO 823+00



PROJECT NO: 3760-00-70 HWY: CTH H COUNTY: RACINE CROSS SECTIONS: CTH H SHEET E



PROJECT NO: 3760-00-70

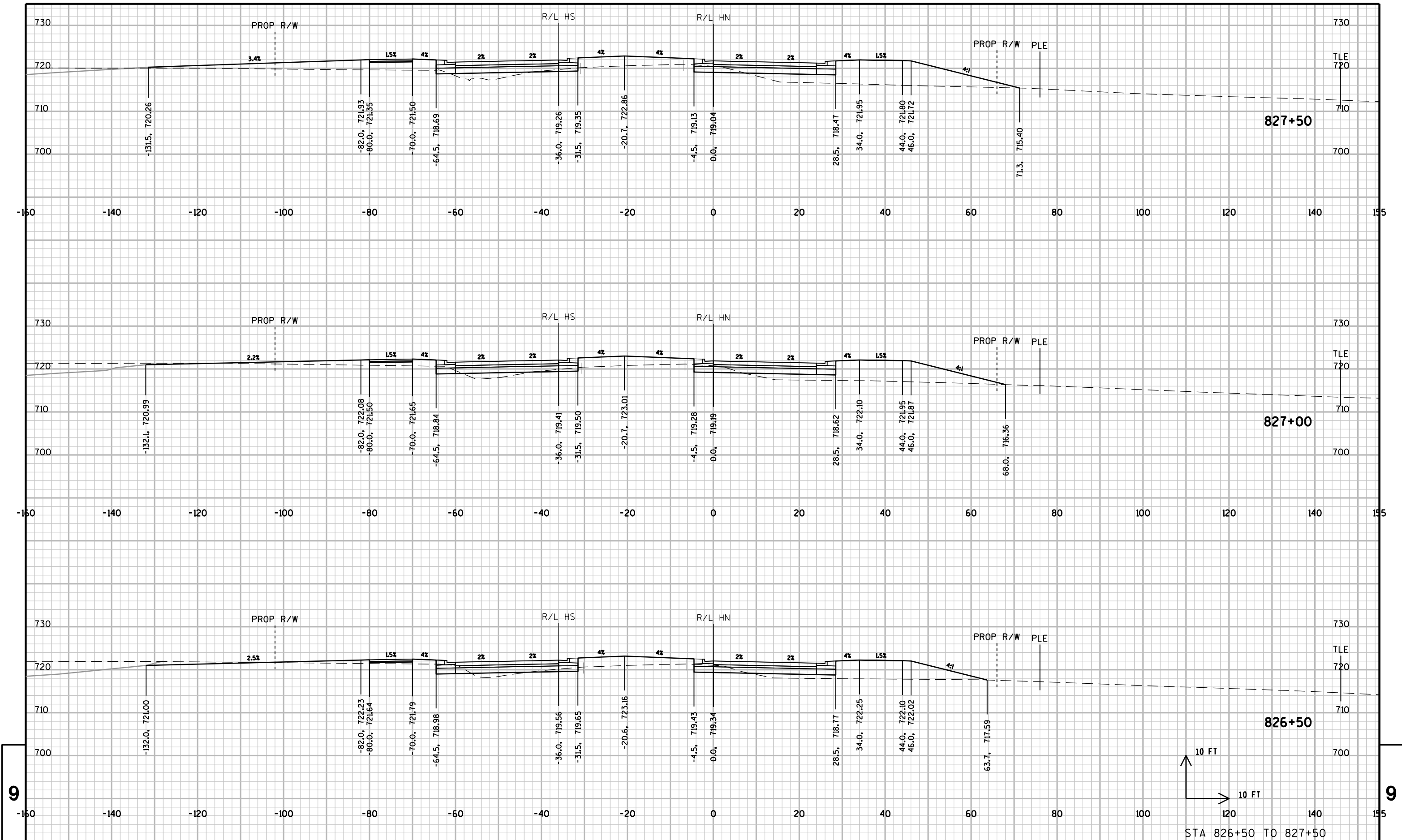
HWY: CTH H

COUNTY: RACINE

CROSS SECTIONS: CTH H

SHEET

E



PROJECT NO: 3760-00-70

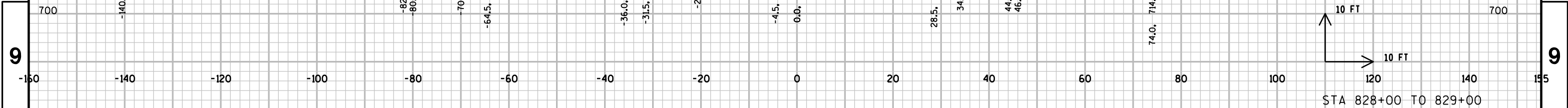
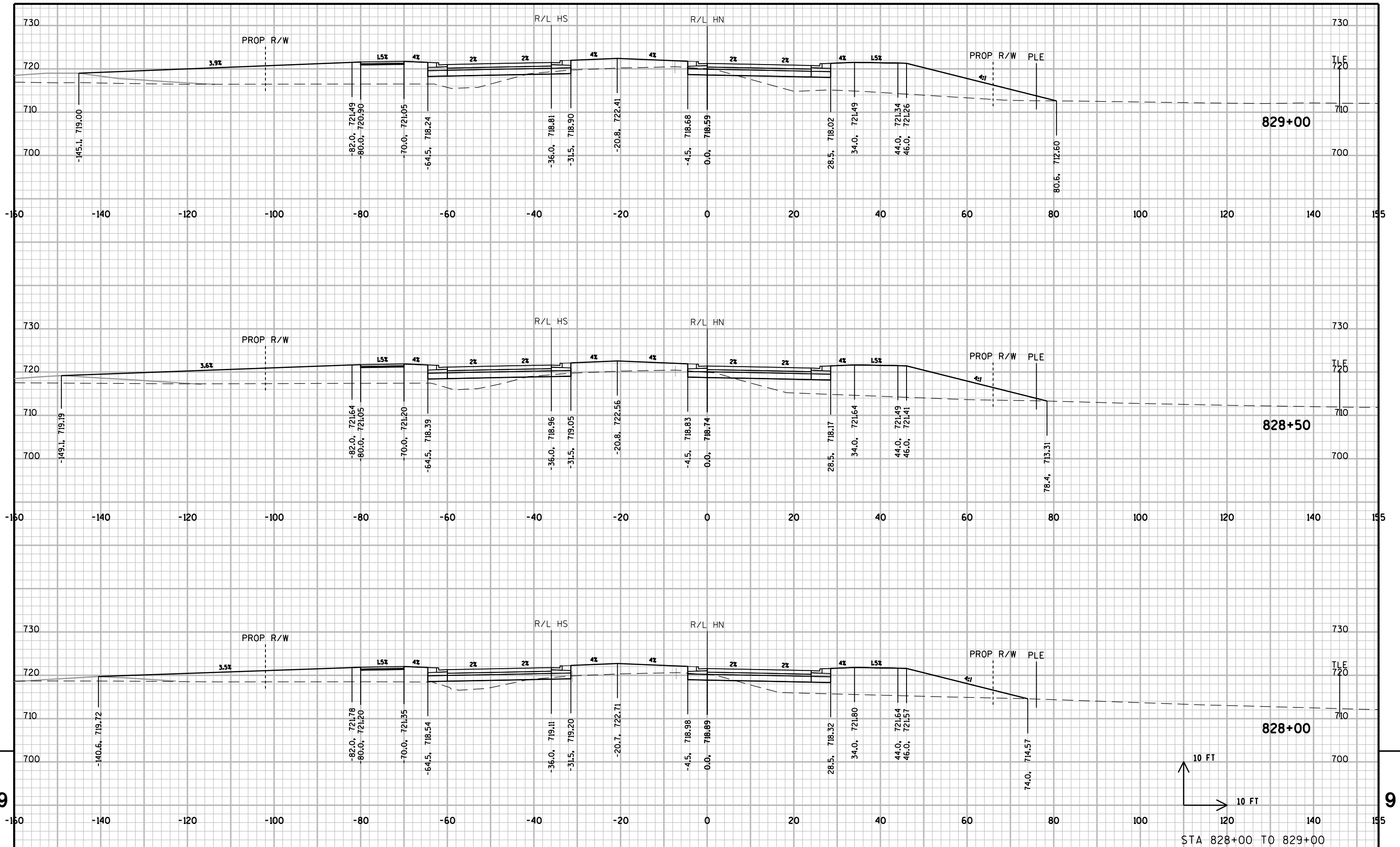
HWY: CTH H

COUNTY: RACINE

CROSS SECTIONS: CTH H

SHEET

E



PROJECT NO: 3760-00-70

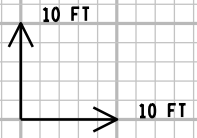
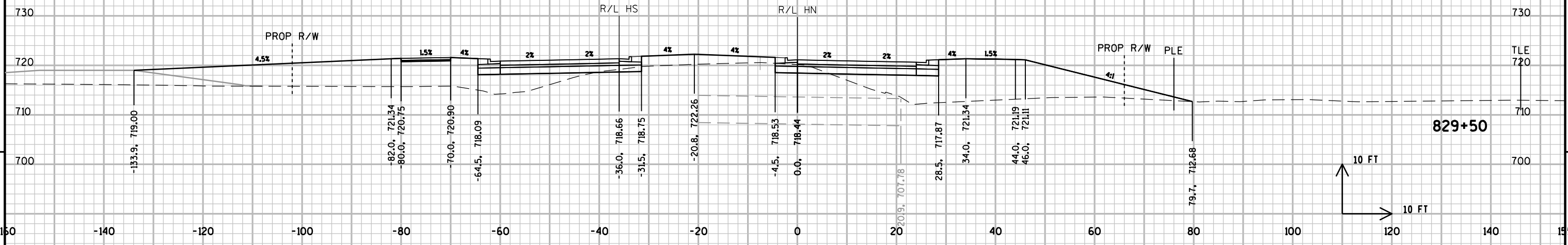
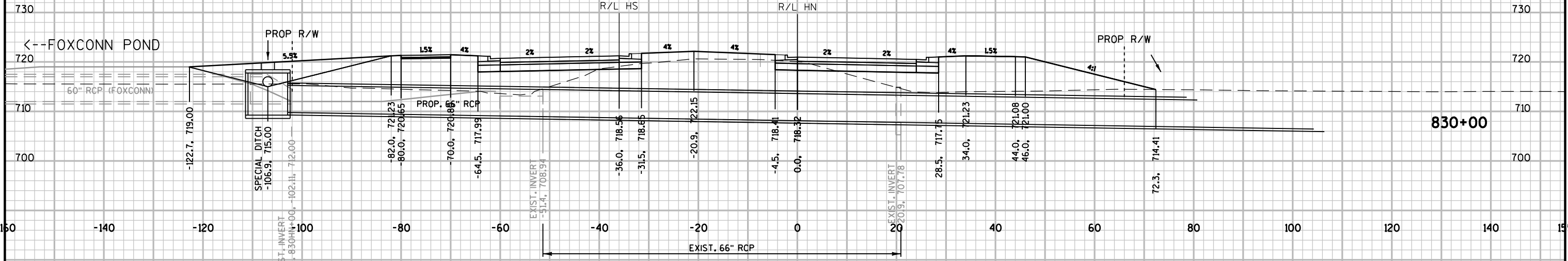
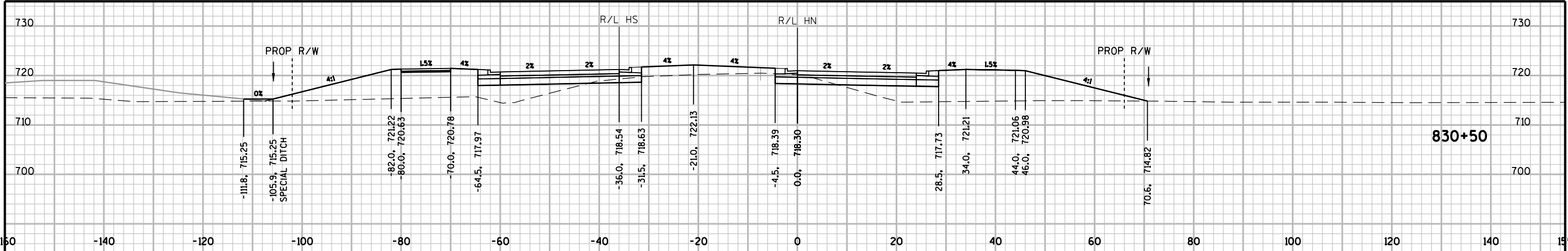
HWY: CTH H

COUNTY: RACINE

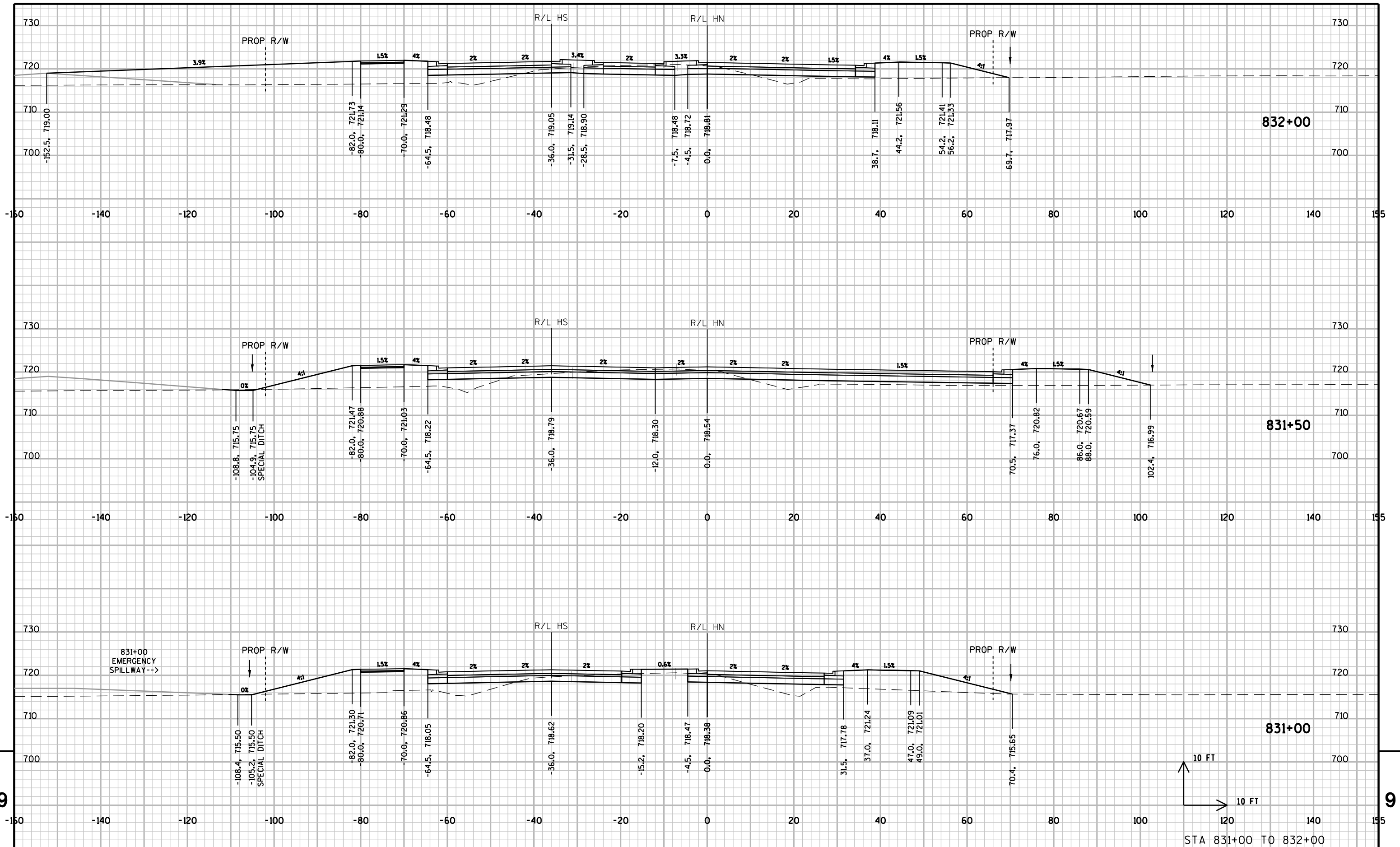
CROSS SECTIONS: CTH H

SHEET

E



STA 829+50 TO 830+50



PROJECT NO: 3760-00-70

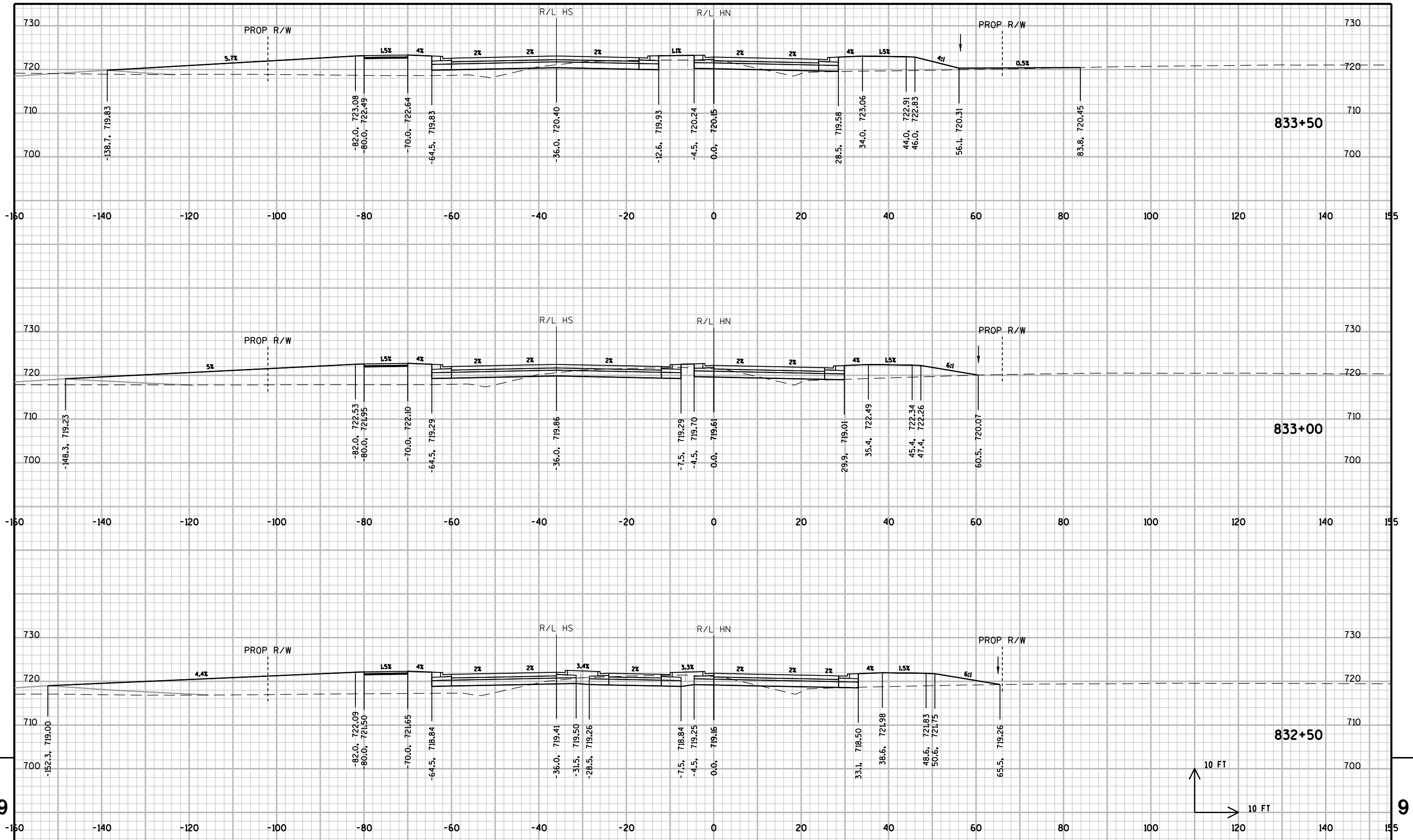
HWY: CTH H

COUNTY: RACINE

CROSS SECTIONS: CTH H

SHEET

E



PROJECT NO: 3760-00-70

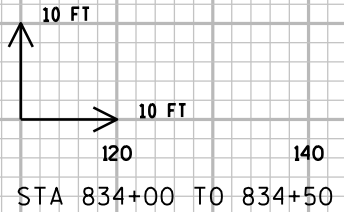
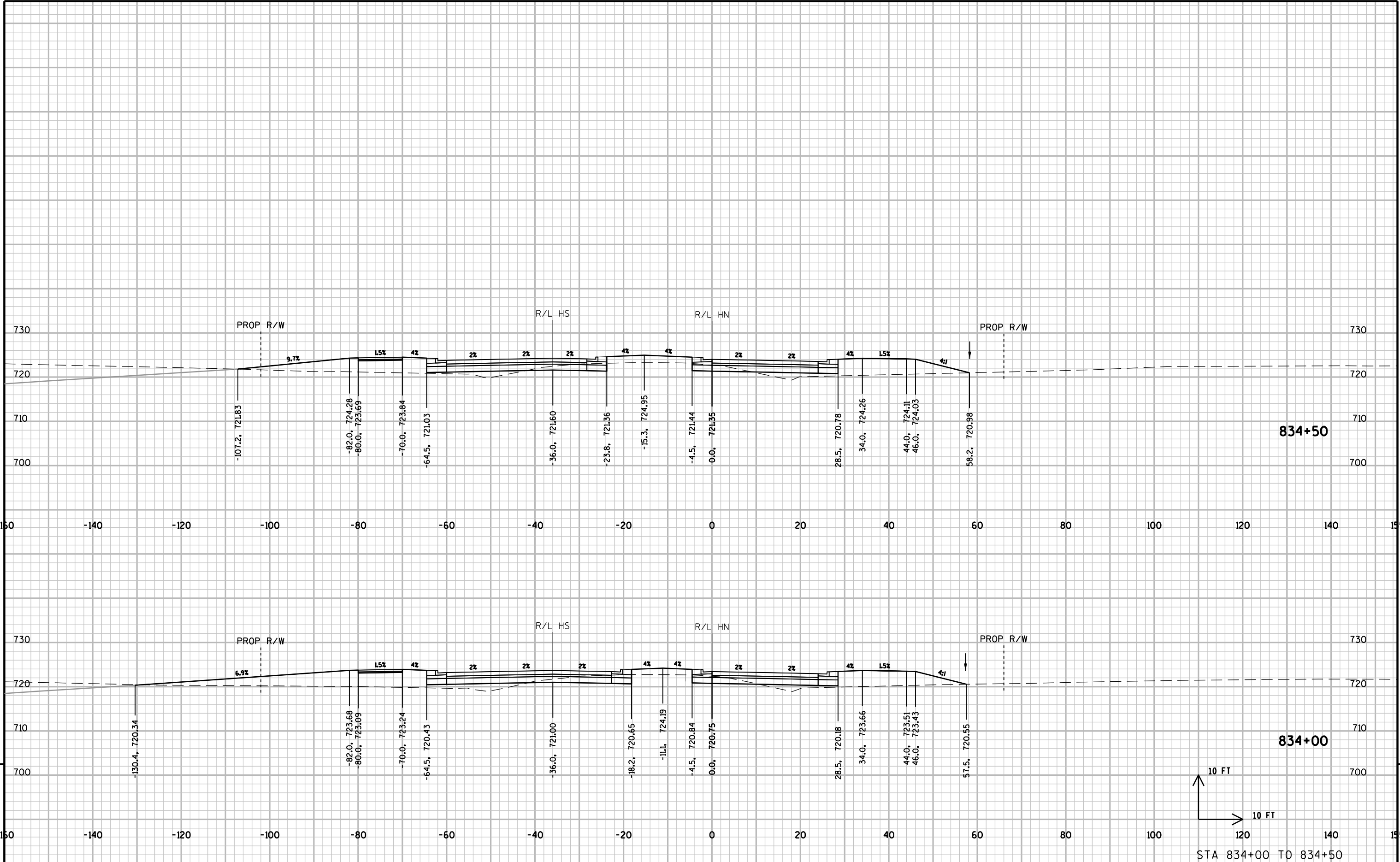
HWY: CTH H

COUNTY: RACINE

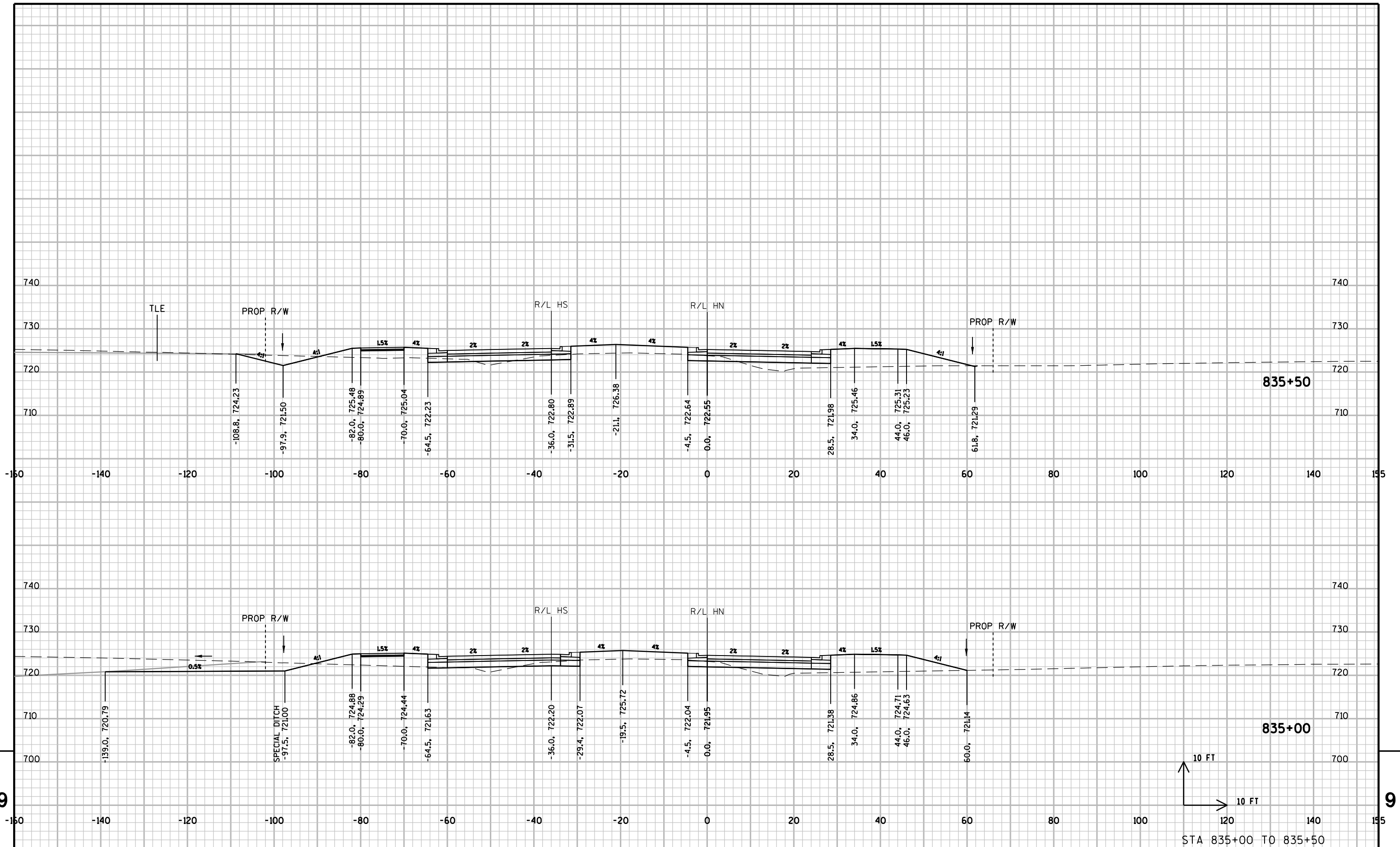
CROSS SECTIONS: CTH H

SHEET

E



PROJECT NO: 3760-00-70 HWY: CTH H COUNTY: RACINE CROSS SECTIONS: CTH H SHEET E



PROJECT NO: 3760-00-70

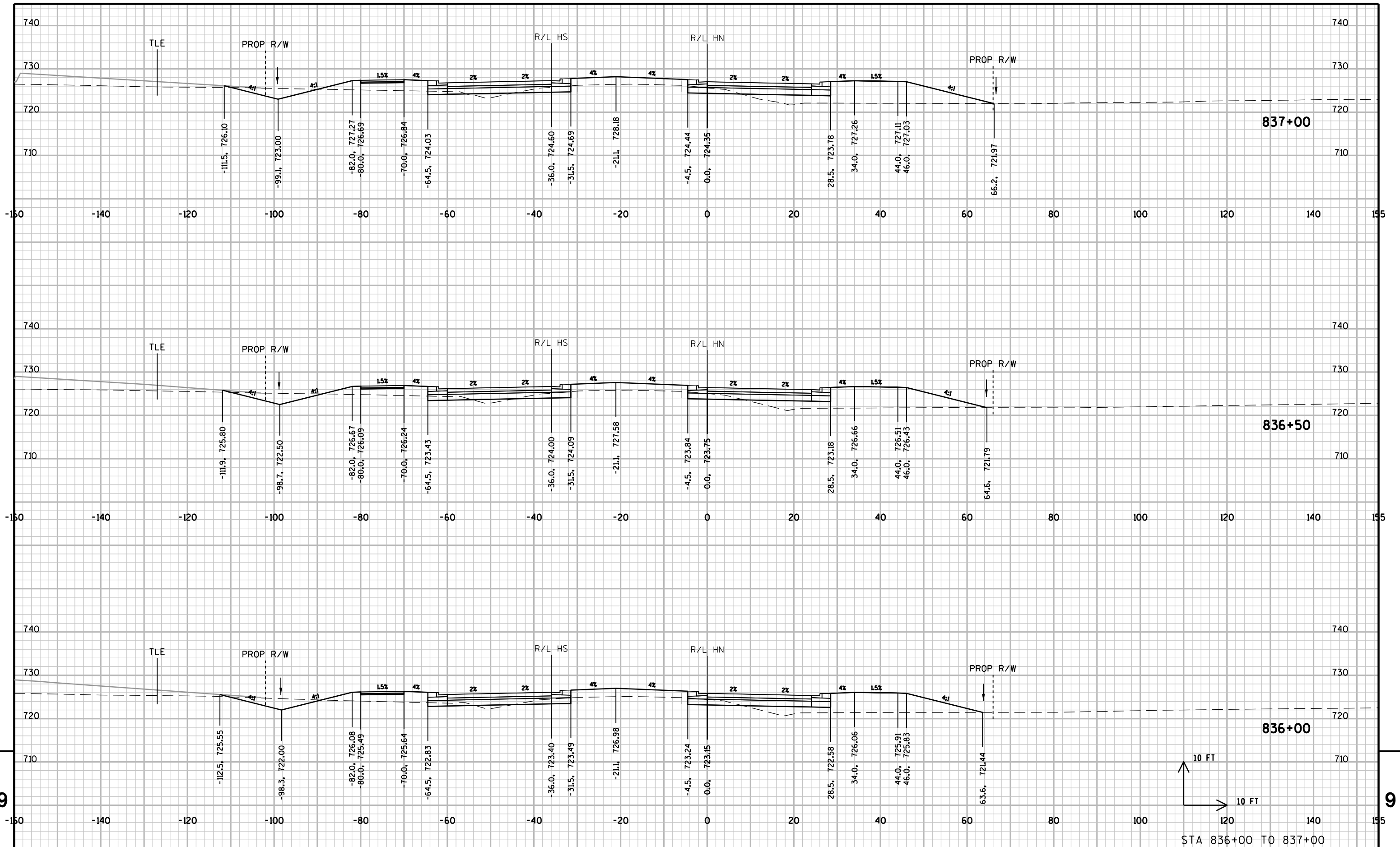
HWY: CTH H

COUNTY: RACINE

CROSS SECTIONS: CTH H

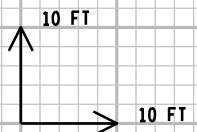
SHEET

E



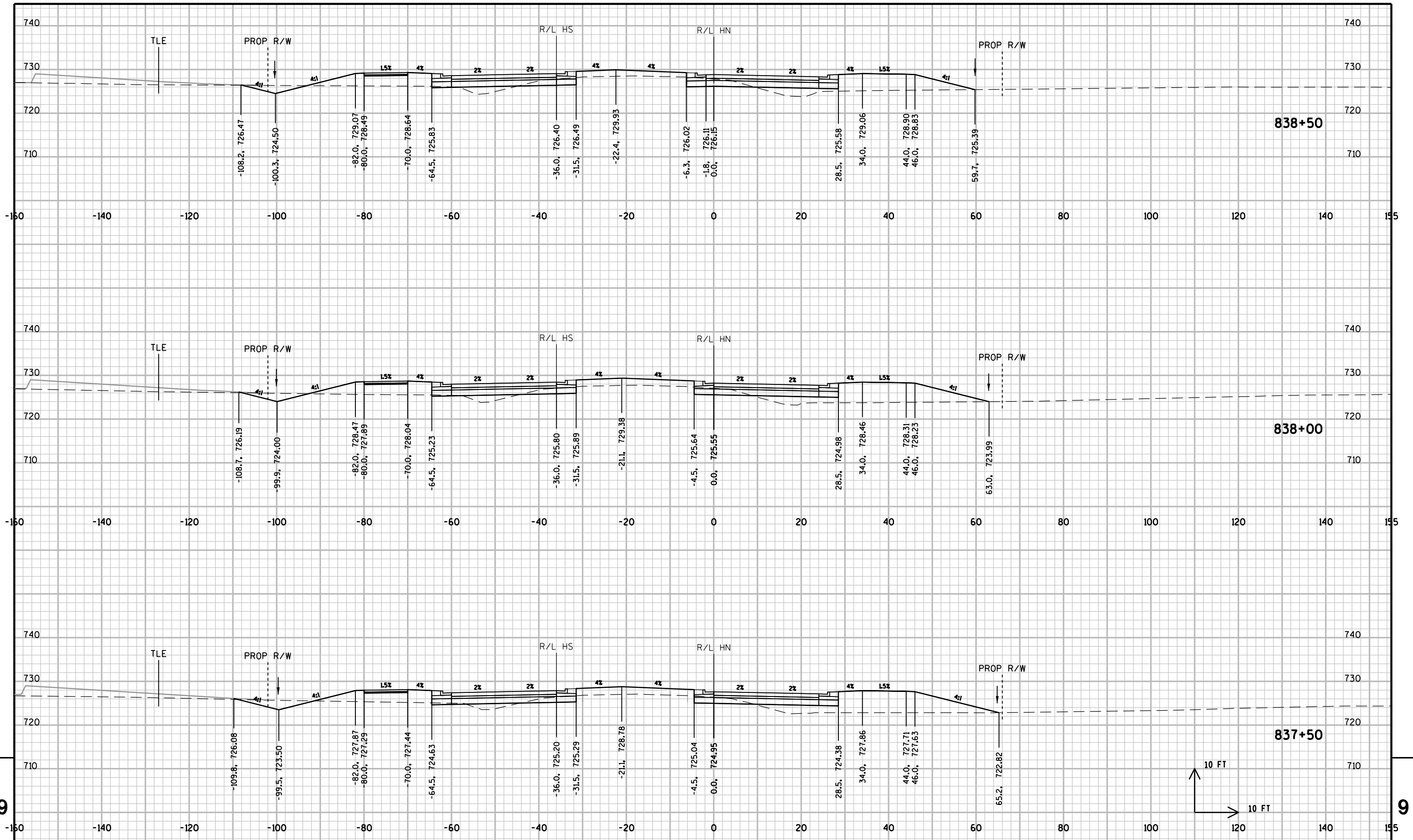
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STA 836+00 TO 837+00

PROJECT NO: 3760-00-70	HWY: CTH H	COUNTY: RACINE	CROSS SECTIONS: CTH H	SHEET	E
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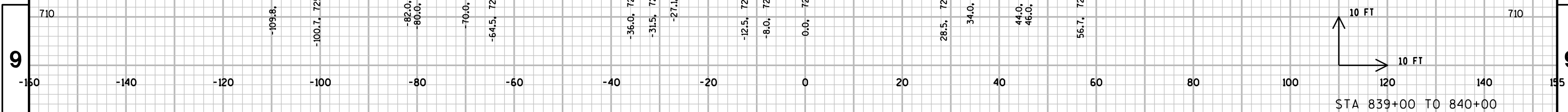
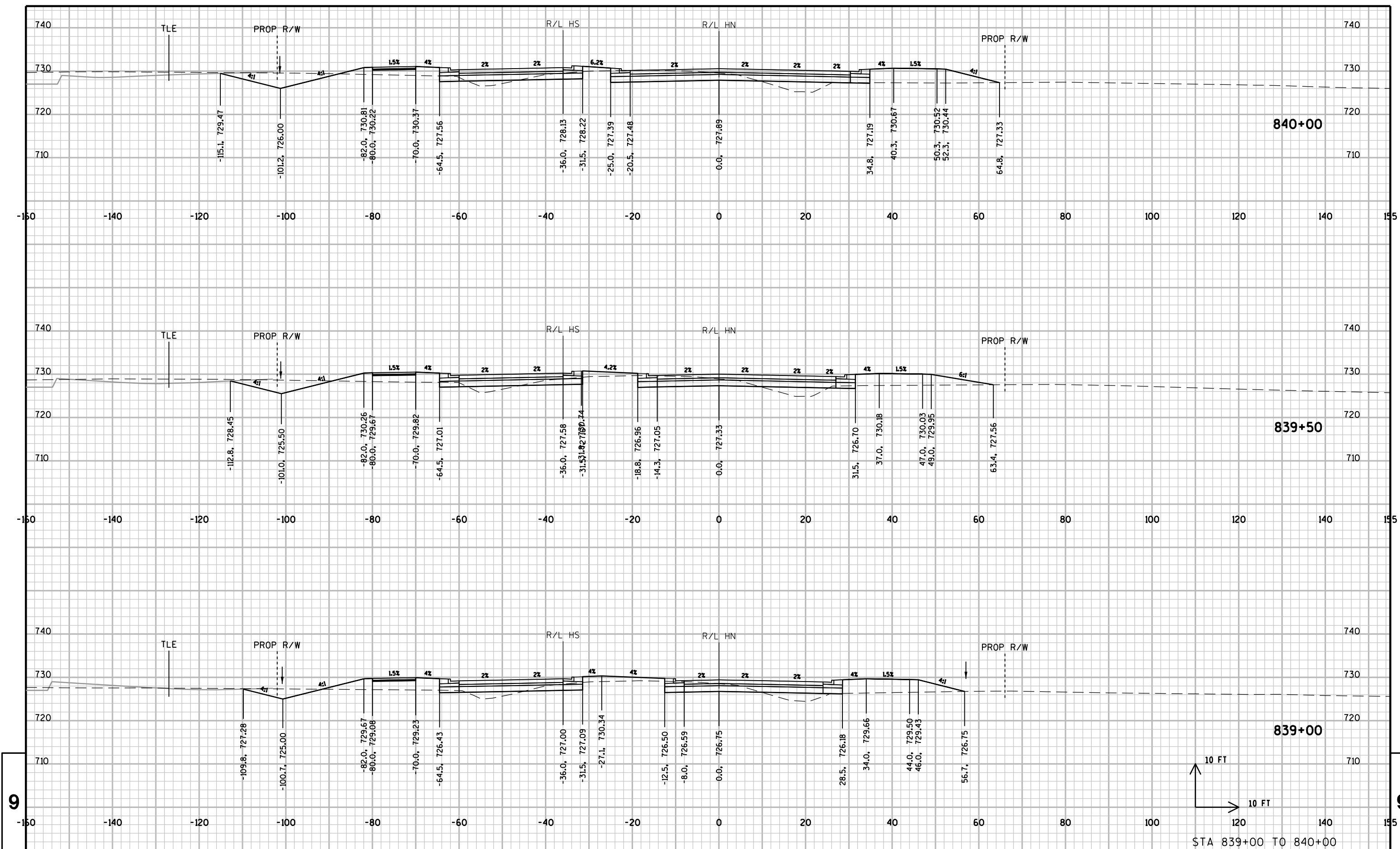


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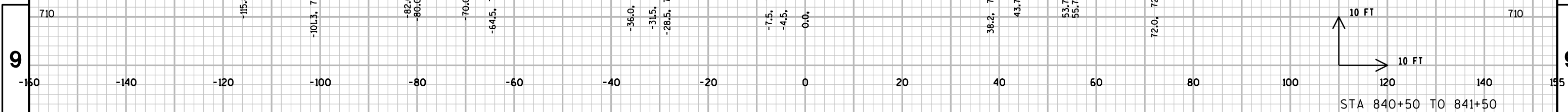
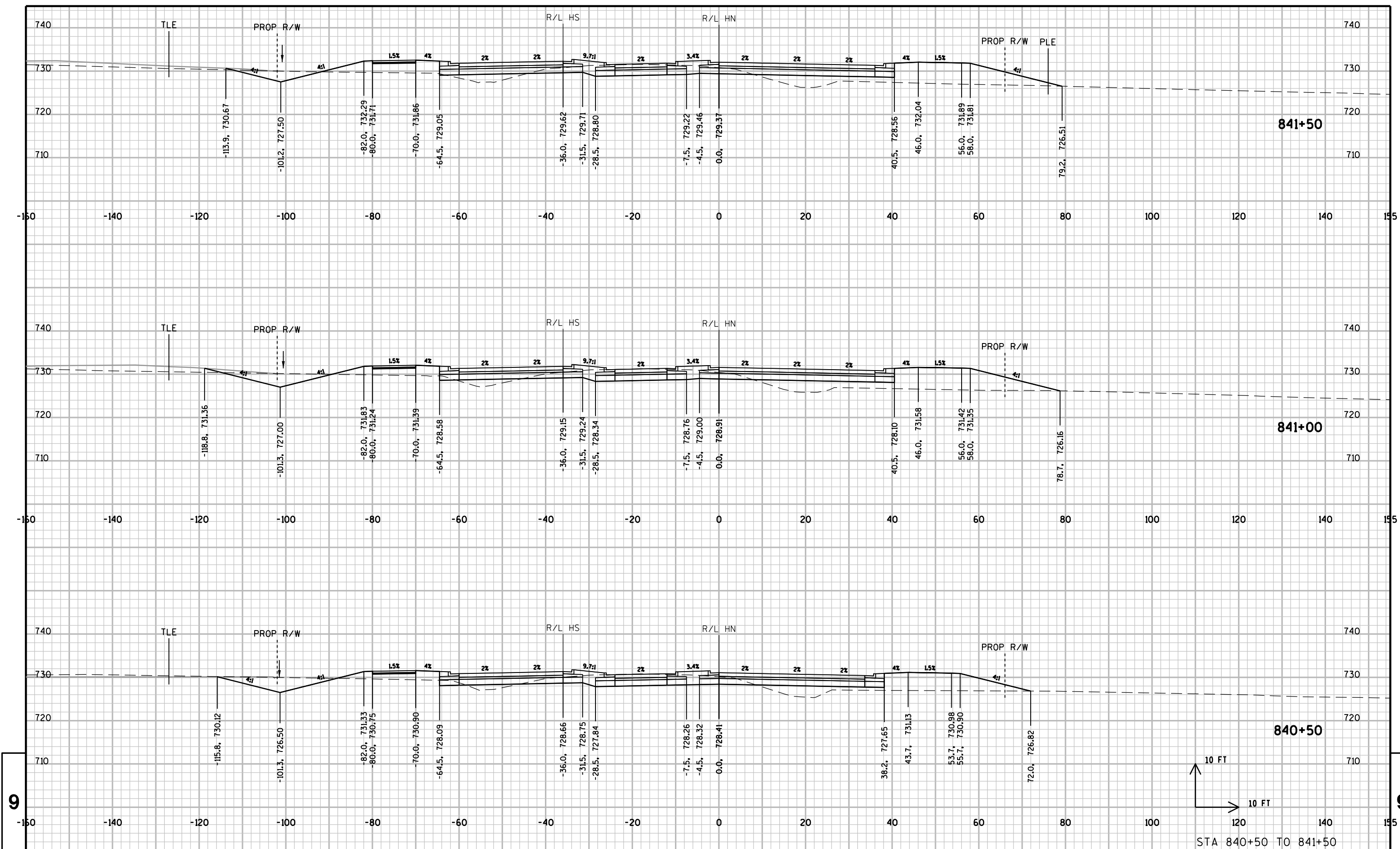
10 FT 10 FT

STA 837+50 TO 838+50

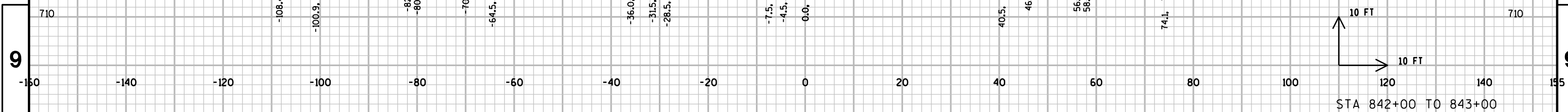
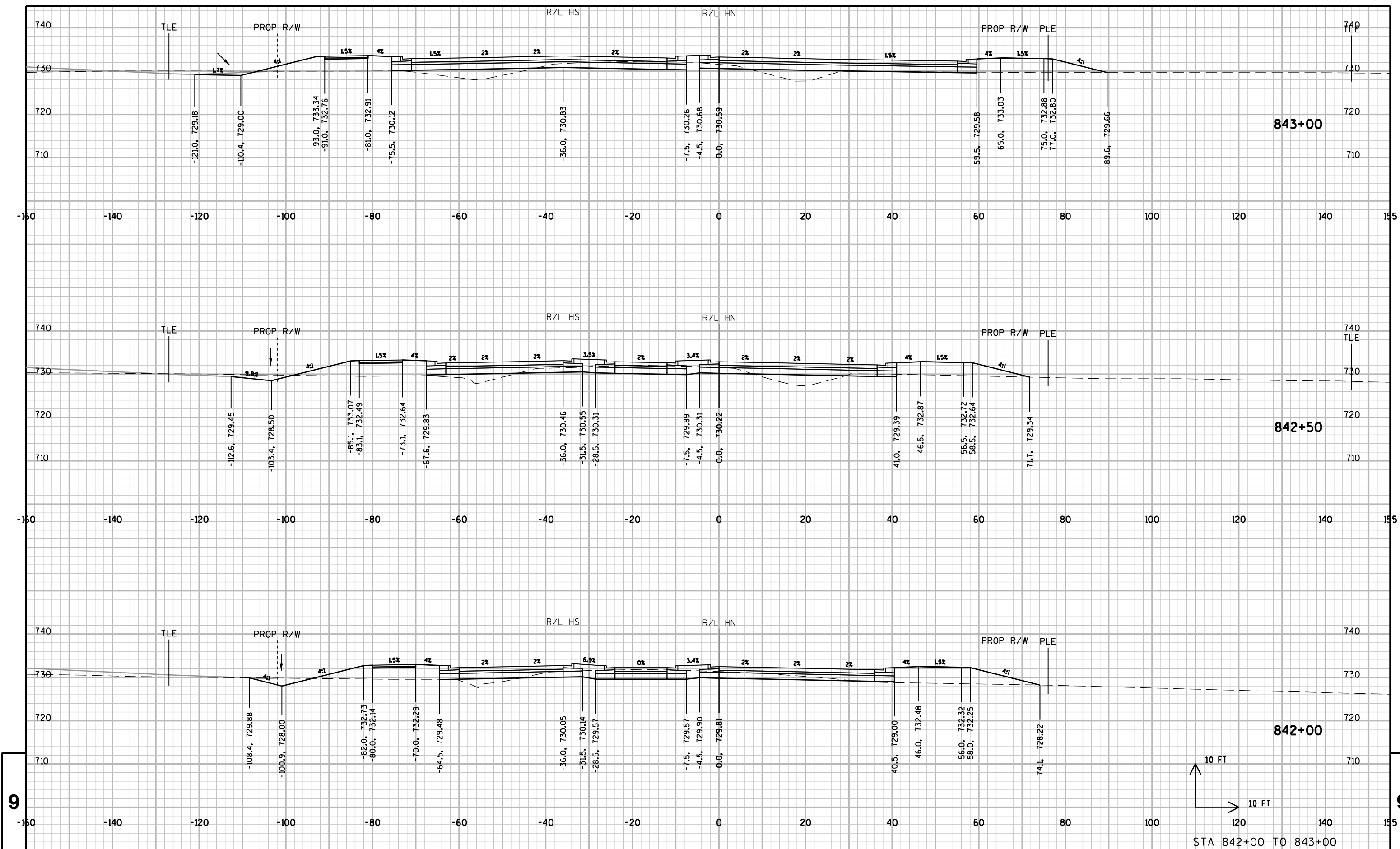
PROJECT NO: 3760-00-70 HWY: CTH H COUNTY: RACINE CROSS SECTIONS: CTH H SHEET E



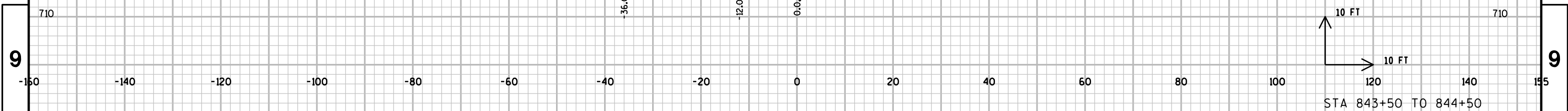
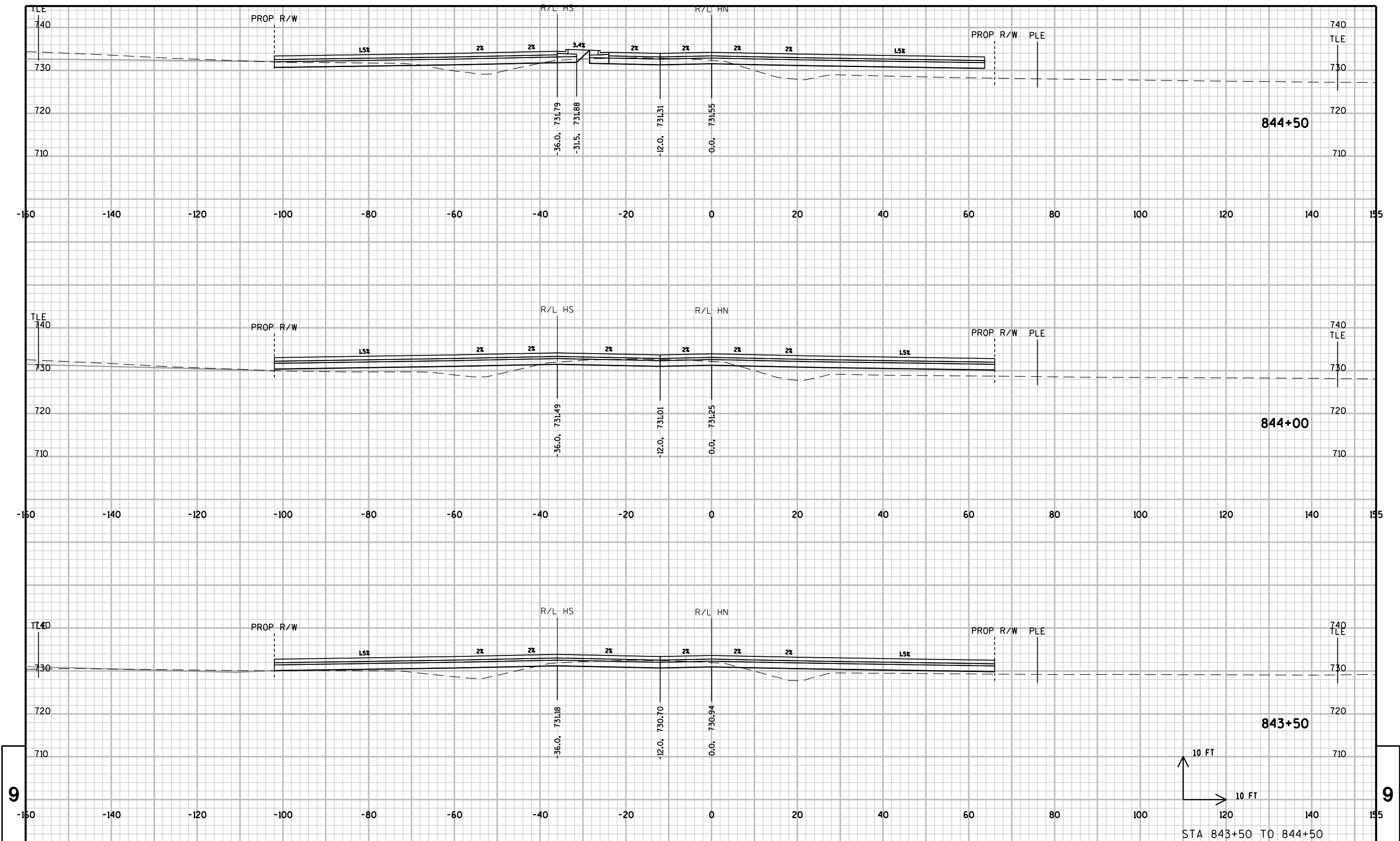
PROJECT NO: 3760-00-70 HWY: CTH H COUNTY: RACINE CROSS SECTIONS: CTH H SHEET E



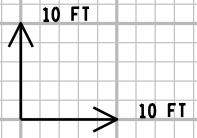
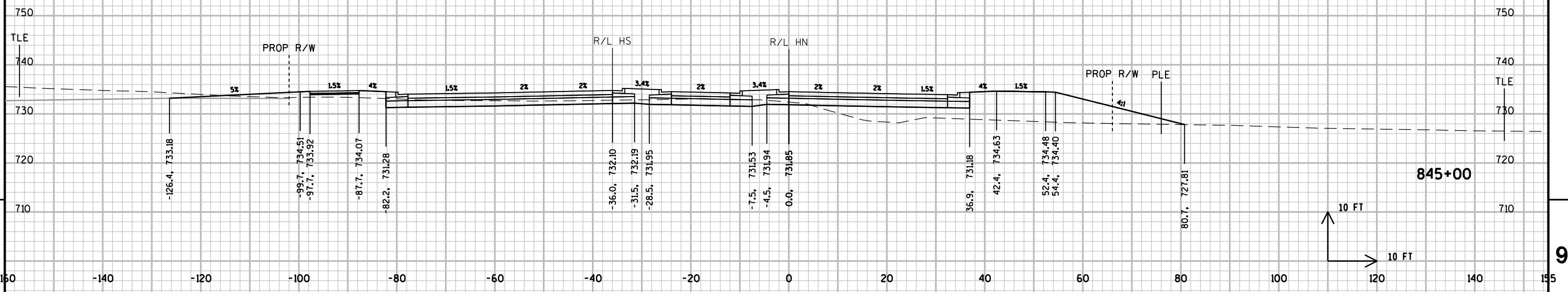
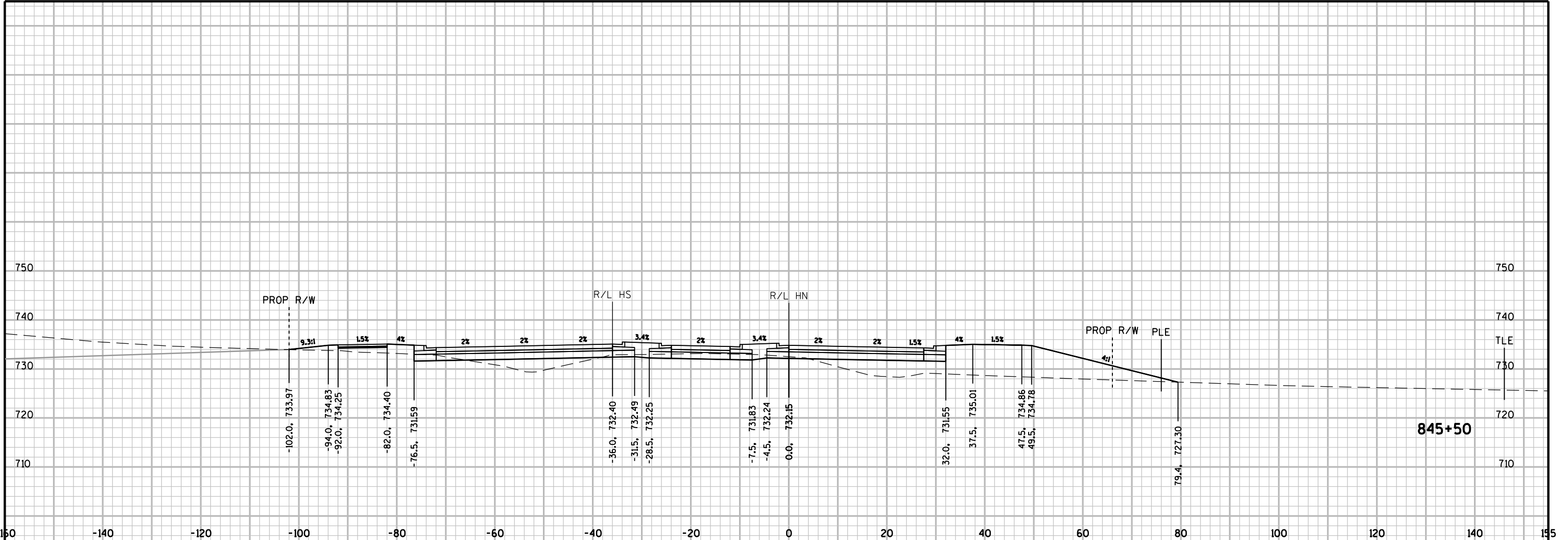
PROJECT NO: 3760-00-70 HWY: CTH H COUNTY: RACINE CROSS SECTIONS: CTH H SHEET E



PROJECT NO: 3760-00-70 HWY: CTH H COUNTY: RACINE CROSS SECTIONS: CTH H SHEET E

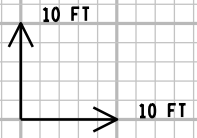
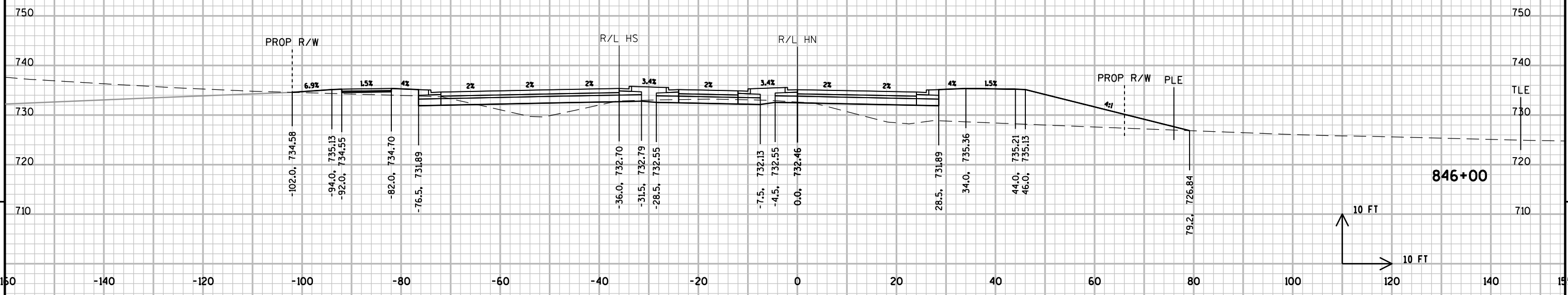
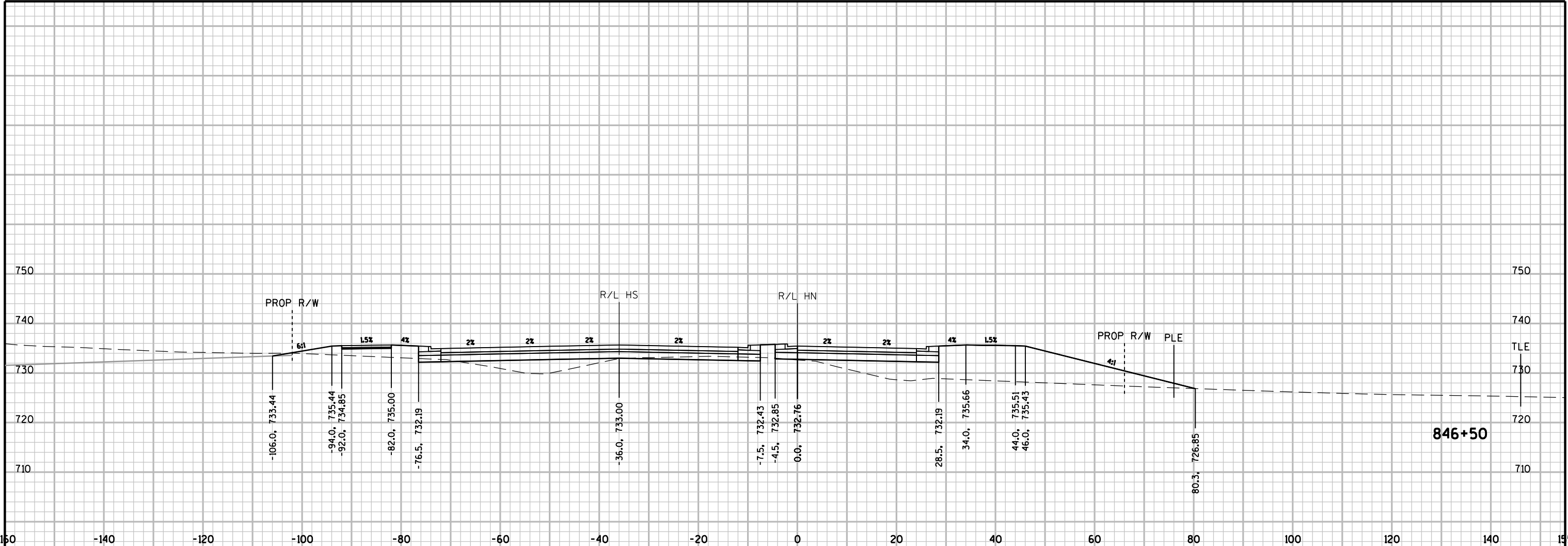


PROJECT NO: 3760-00-70 HWY: CTH H COUNTY: RACINE CROSS SECTIONS: CTH H SHEET E

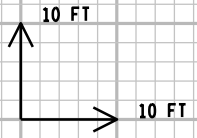
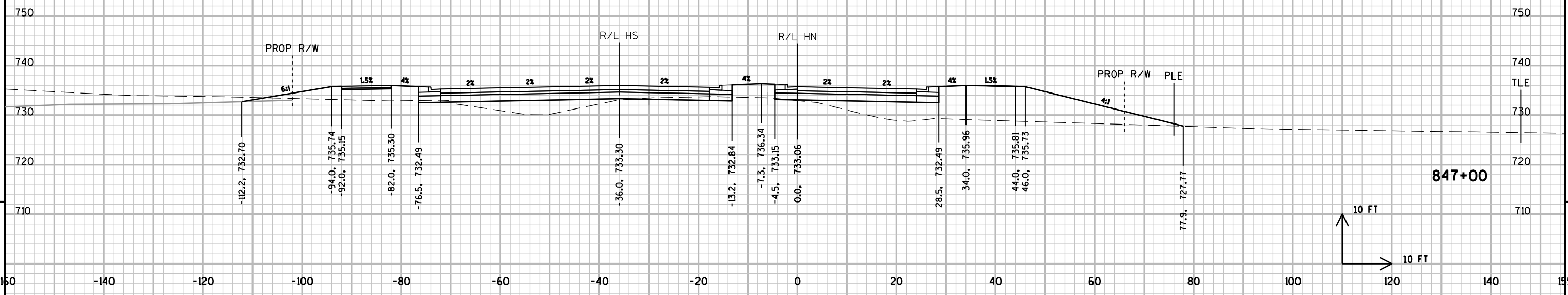
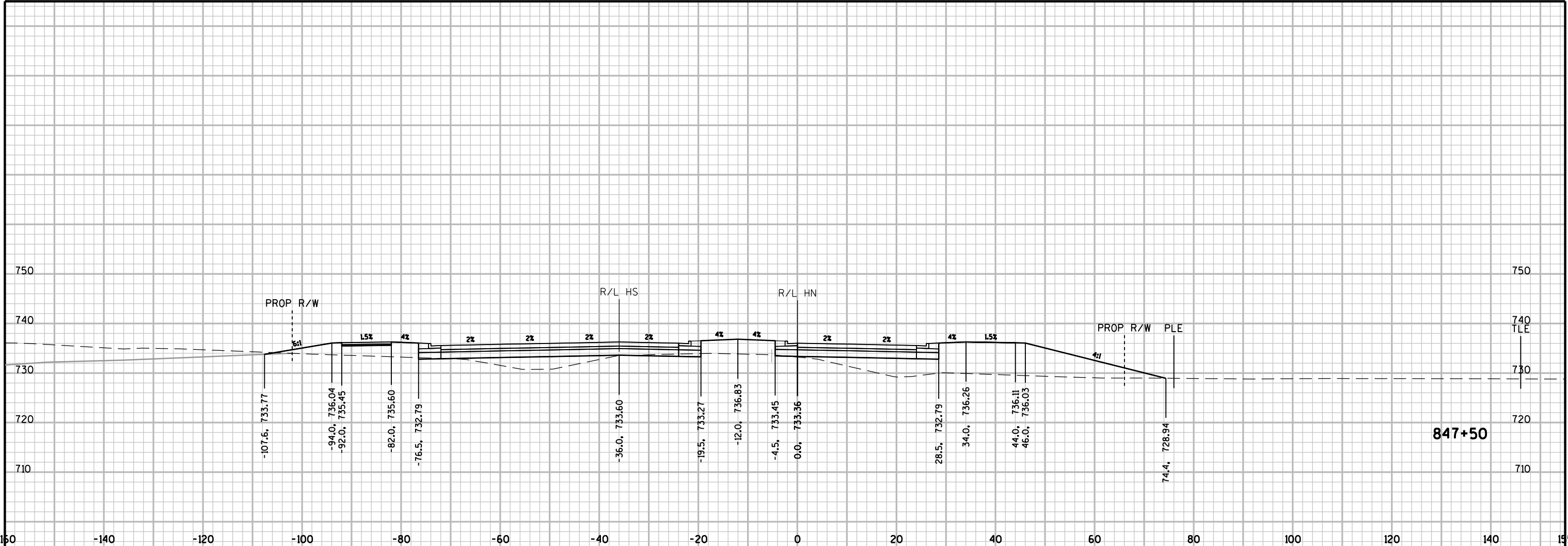


STA 845+00 TO 845+50

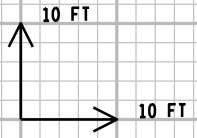
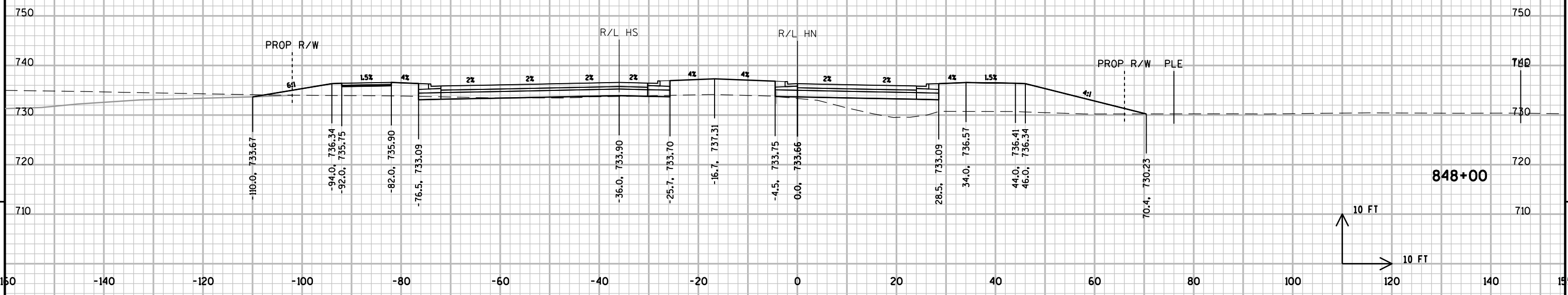
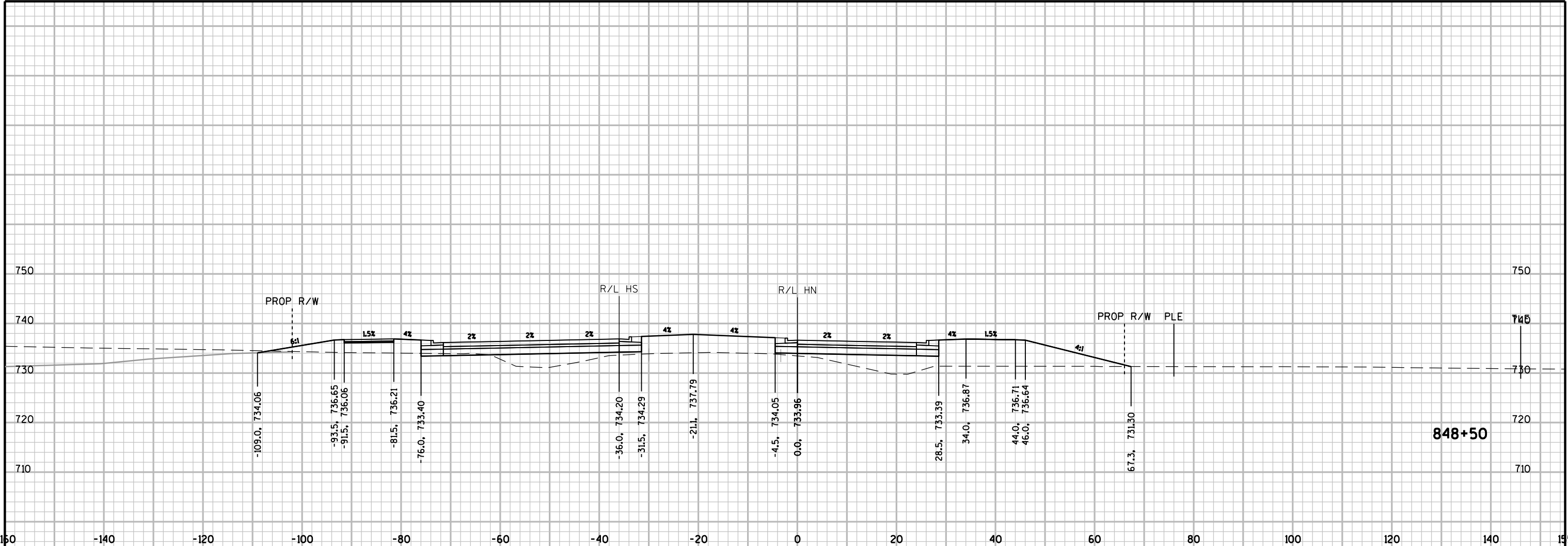
PROJECT NO: 3760-00-70 HWY: CTH H COUNTY: RACINE CROSS SECTIONS: CTH H SHEET E



STA 846+00 TO 846+50

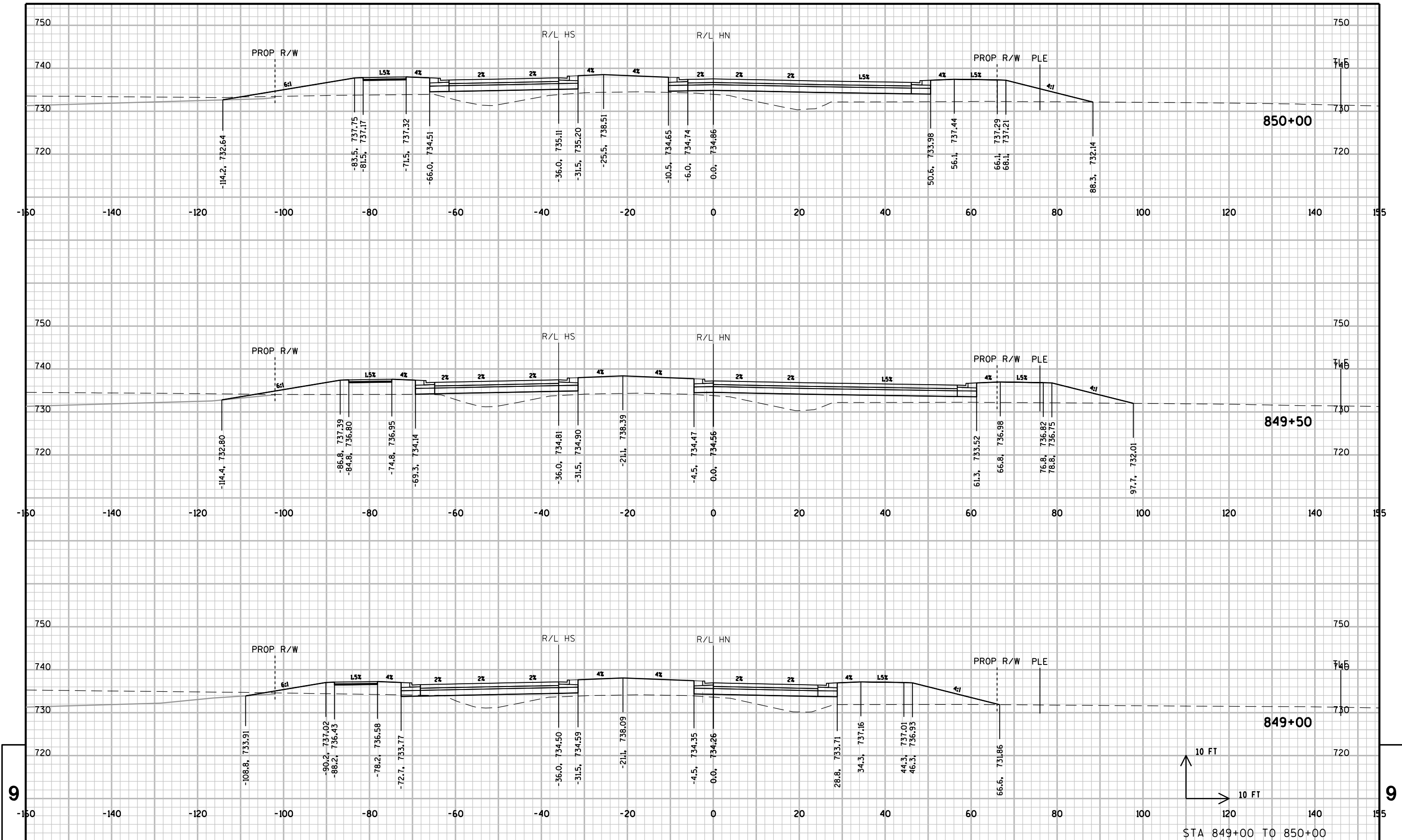


STA 847+00 TO 847+50



STA 848+00 TO 848+50

PROJECT NO: 3760-00-70 HWY: CTH H COUNTY: RACINE CROSS SECTIONS: CTH H SHEET E



PROJECT NO: 3760-00-70

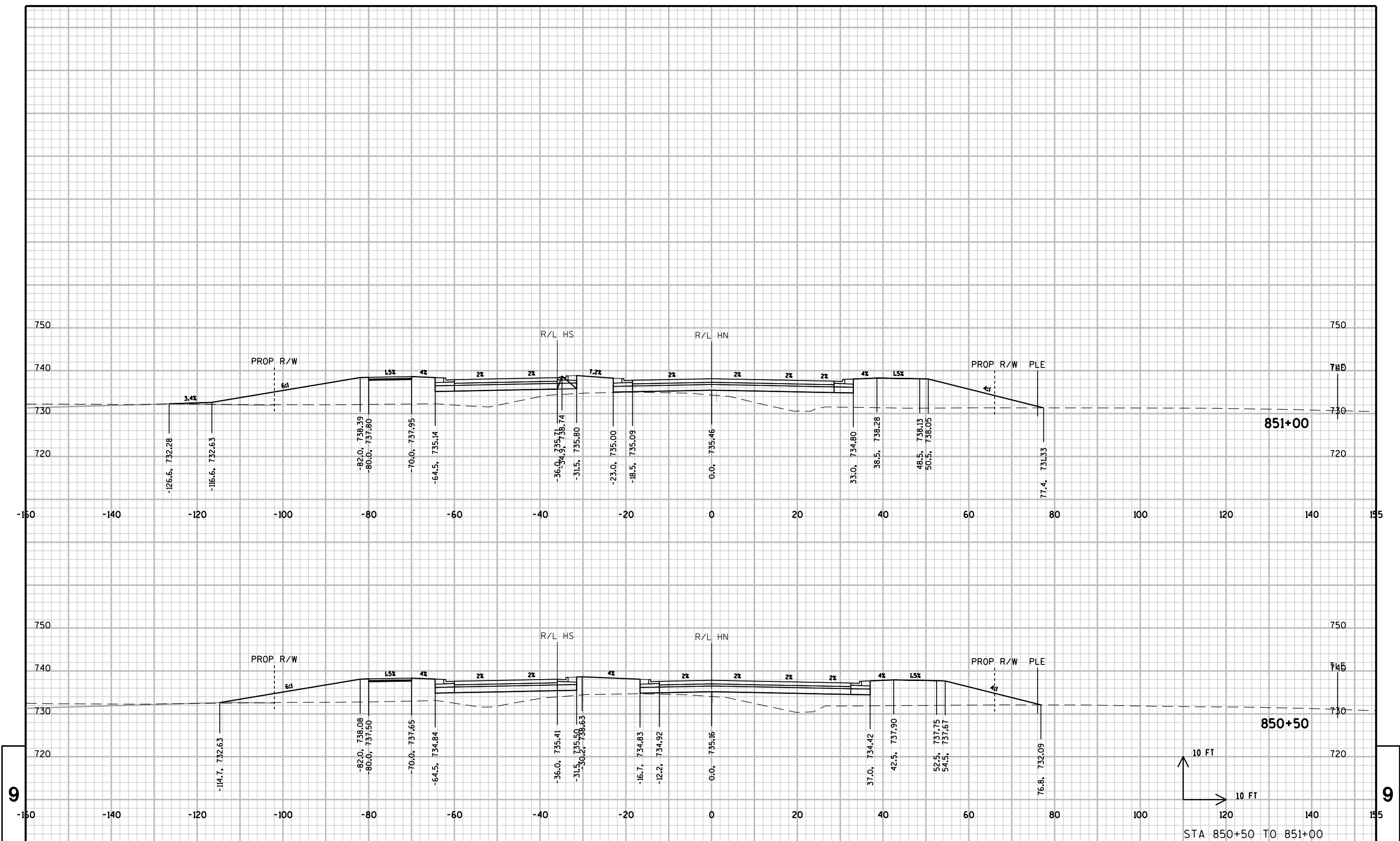
HWY: CTH H

COUNTY: RACINE

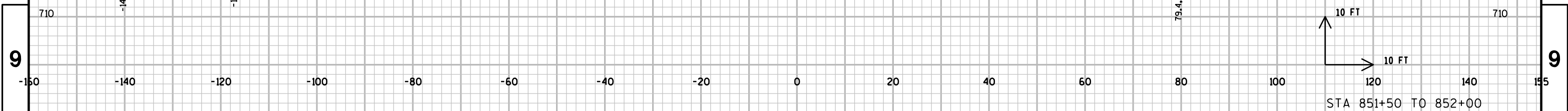
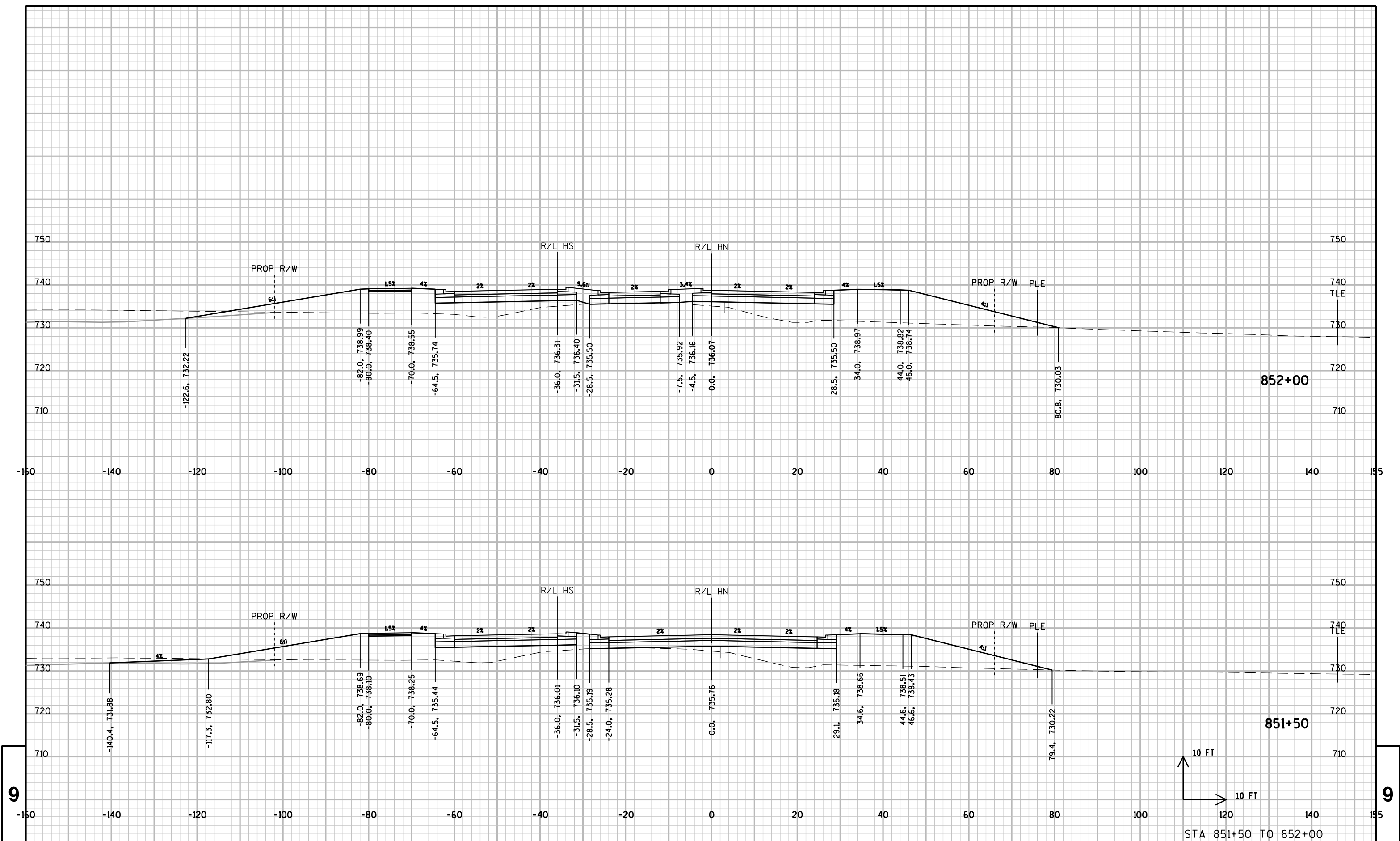
CROSS SECTIONS: CTH H

SHEET

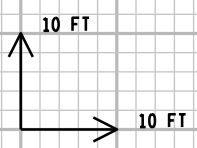
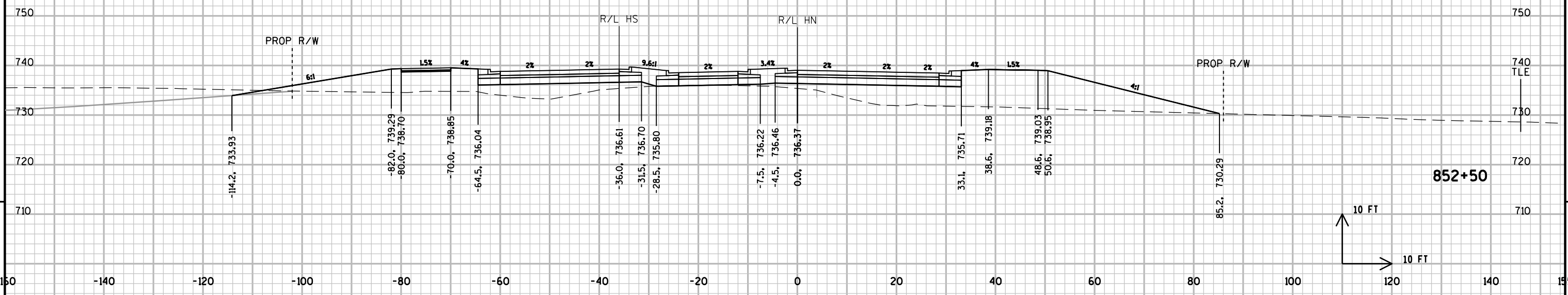
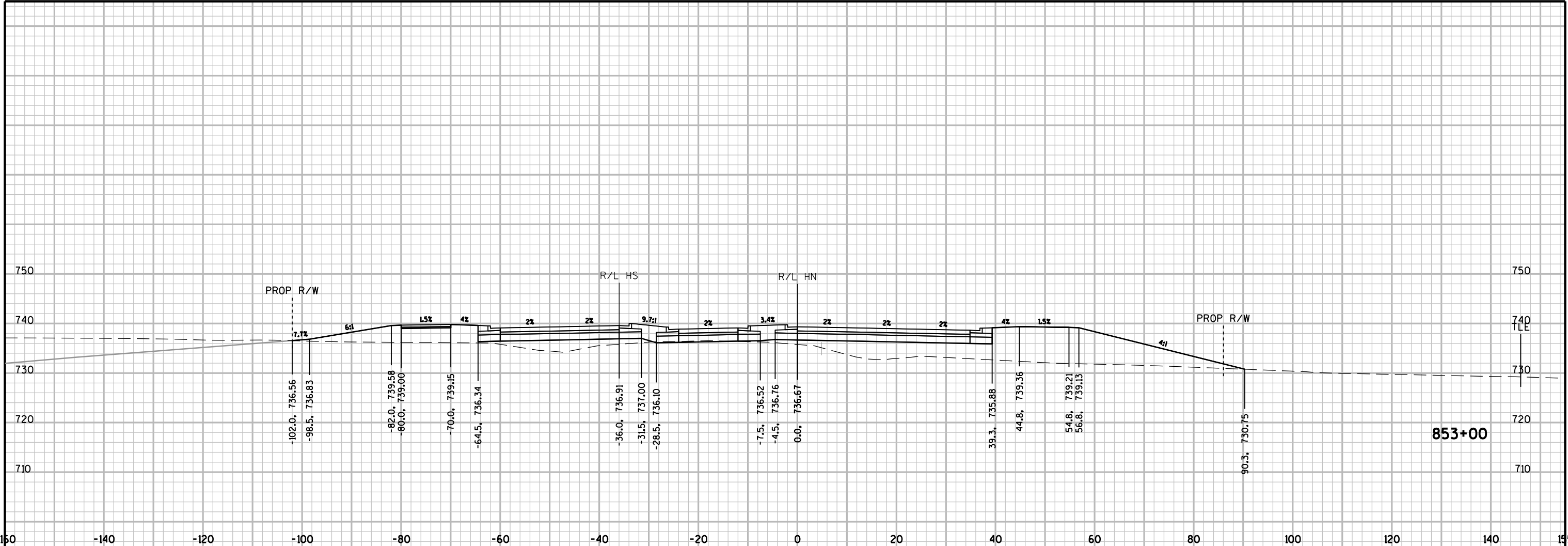
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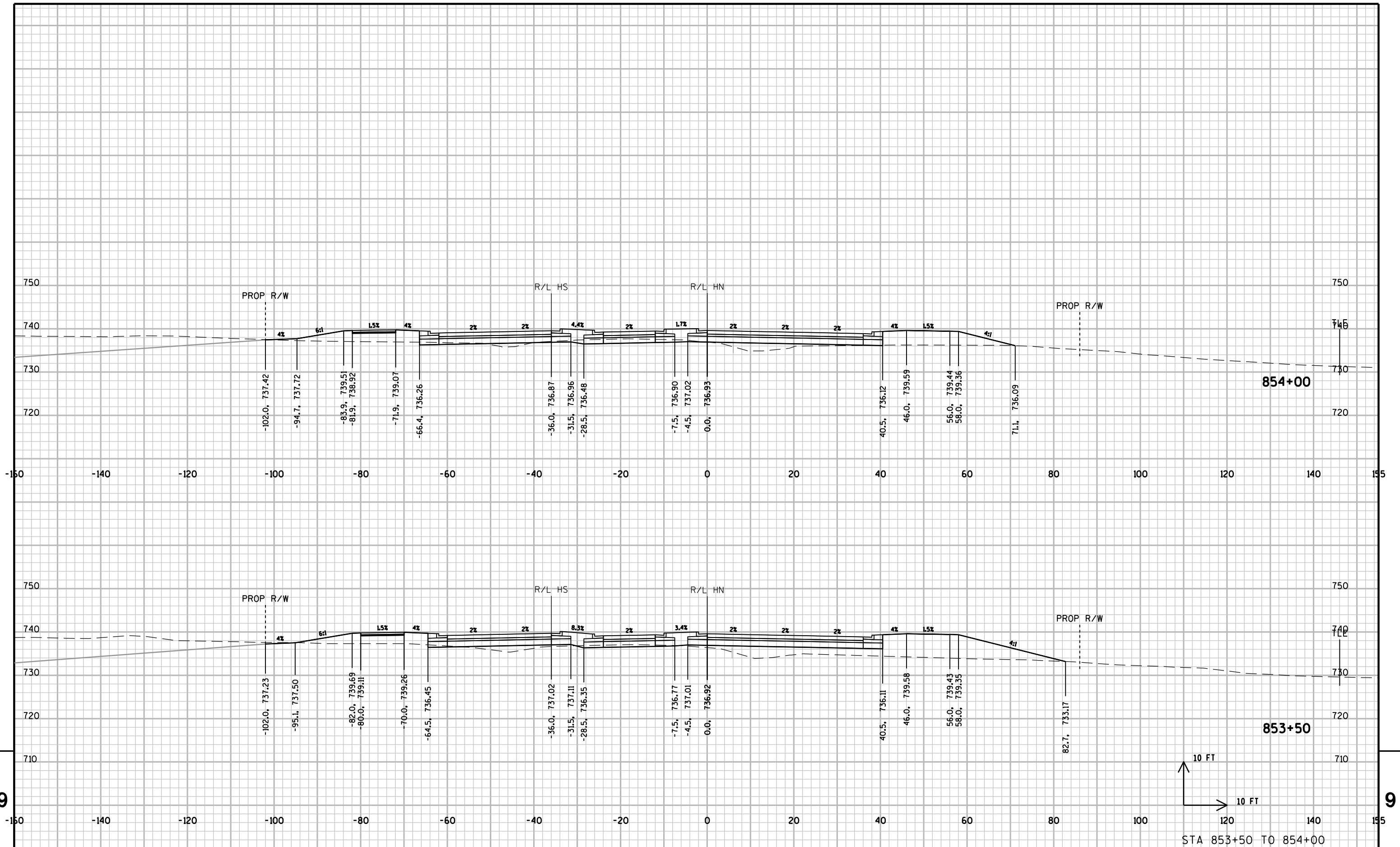
PROJECT NO: 3760-00-70 HWY: CTH H COUNTY: RACINE CROSS SECTIONS: CTH H SHEET E



PROJECT NO: 3760-00-70 HWY: CTH H COUNTY: RACINE CROSS SECTIONS: CTH H SHEET E



STA 852+50 TO 853+00



PROJECT NO: 3760-00-70

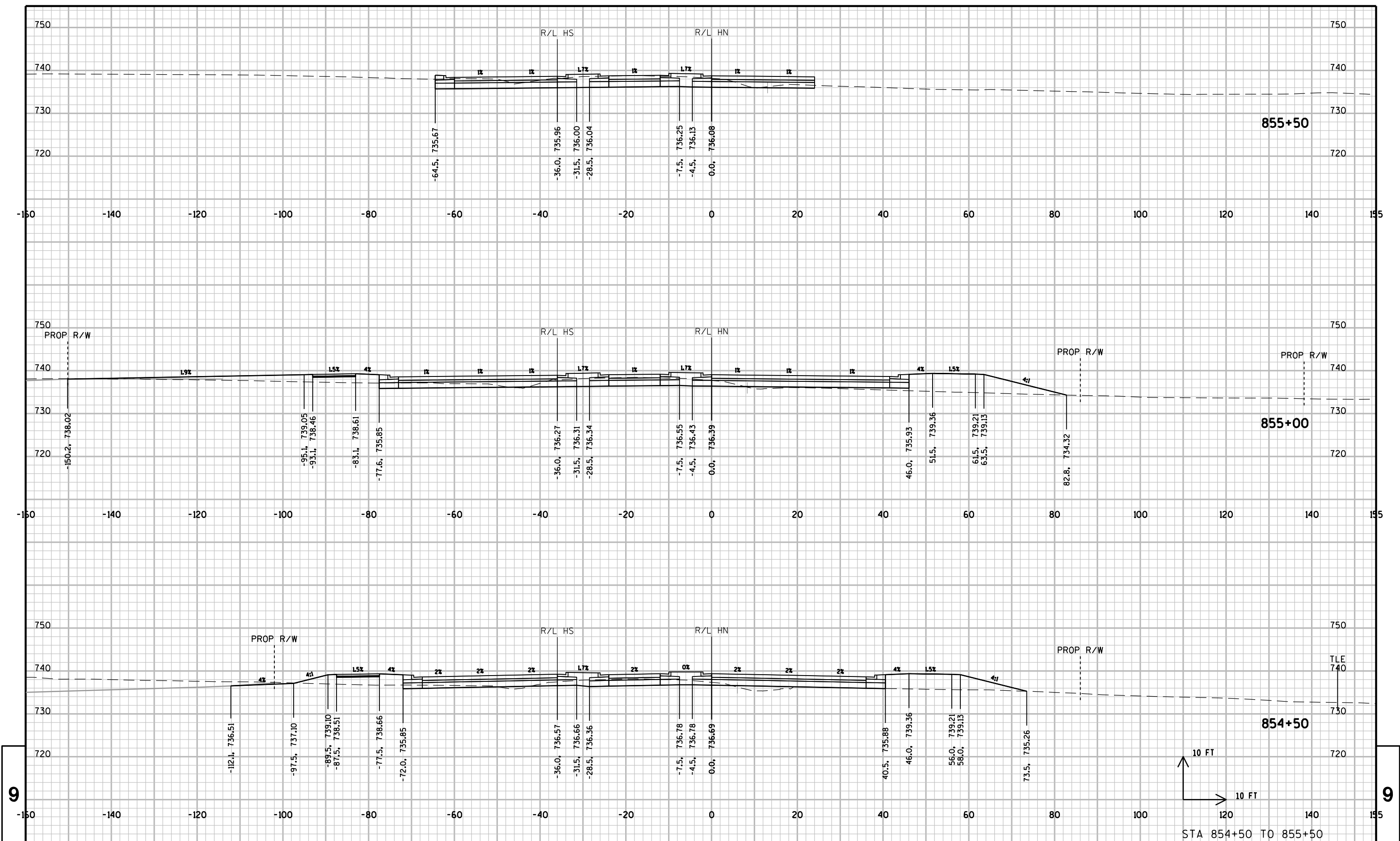
HWY: CTH H

COUNTY: RACINE

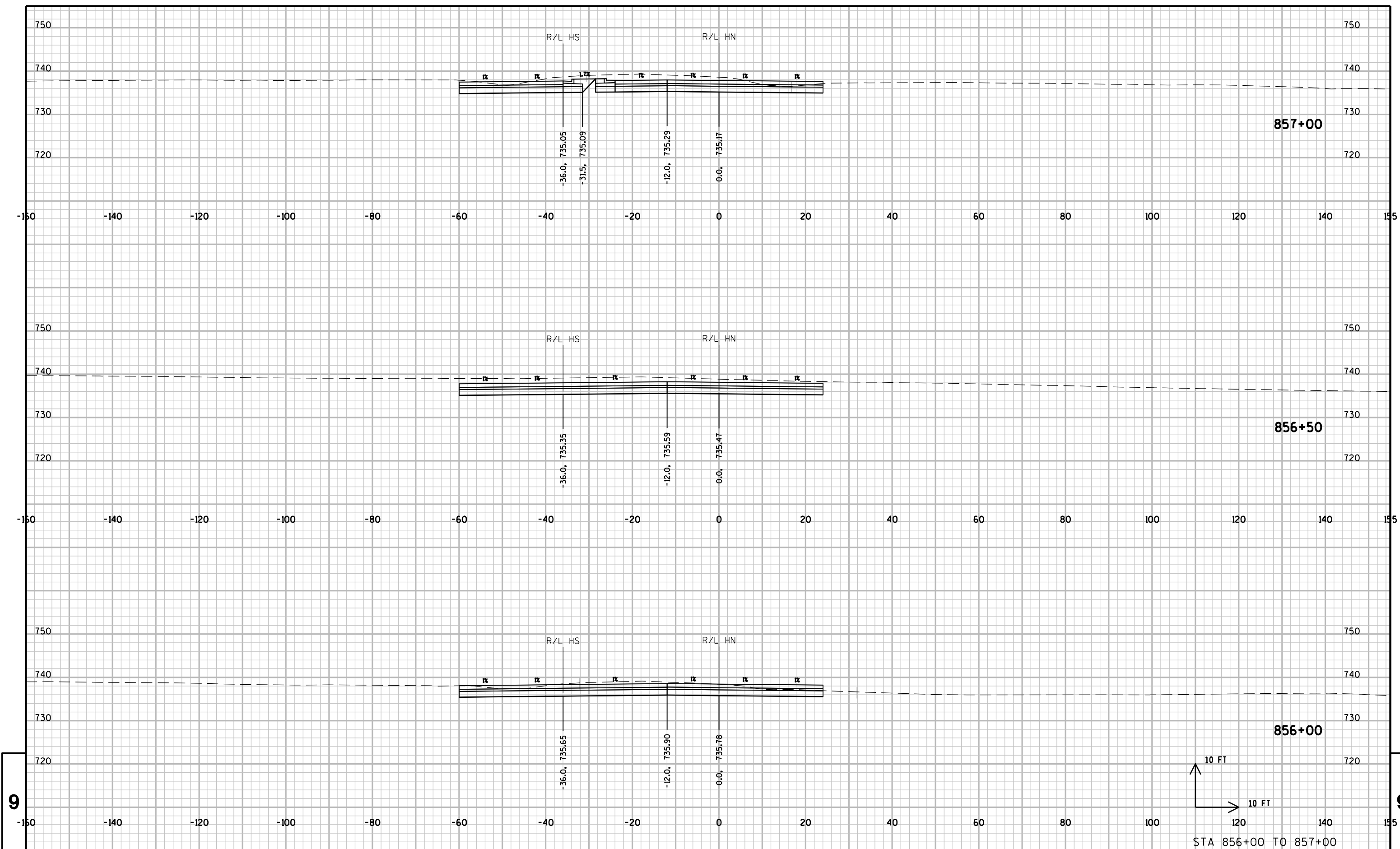
CROSS SECTIONS: CTH H

SHEET

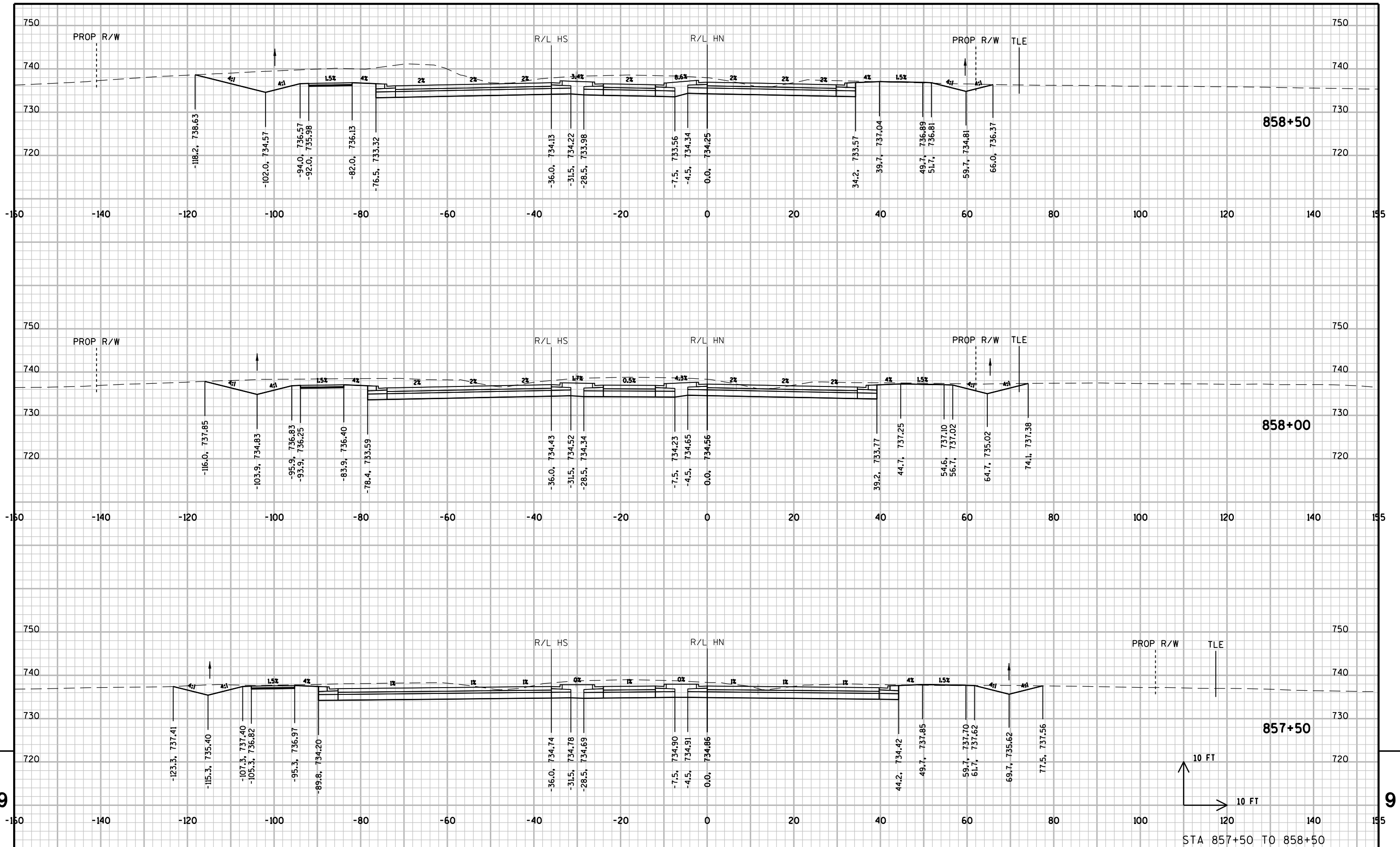
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PROJECT NO: 3760-00-70 HWY: CTH H COUNTY: RACINE CROSS SECTIONS: CTH H SHEET E



PROJECT NO: 3760-00-70	HWY: CTH H	COUNTY: RACINE	CROSS SECTIONS: CTH H	SHEET	E
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PROJECT NO: 3760-00-70

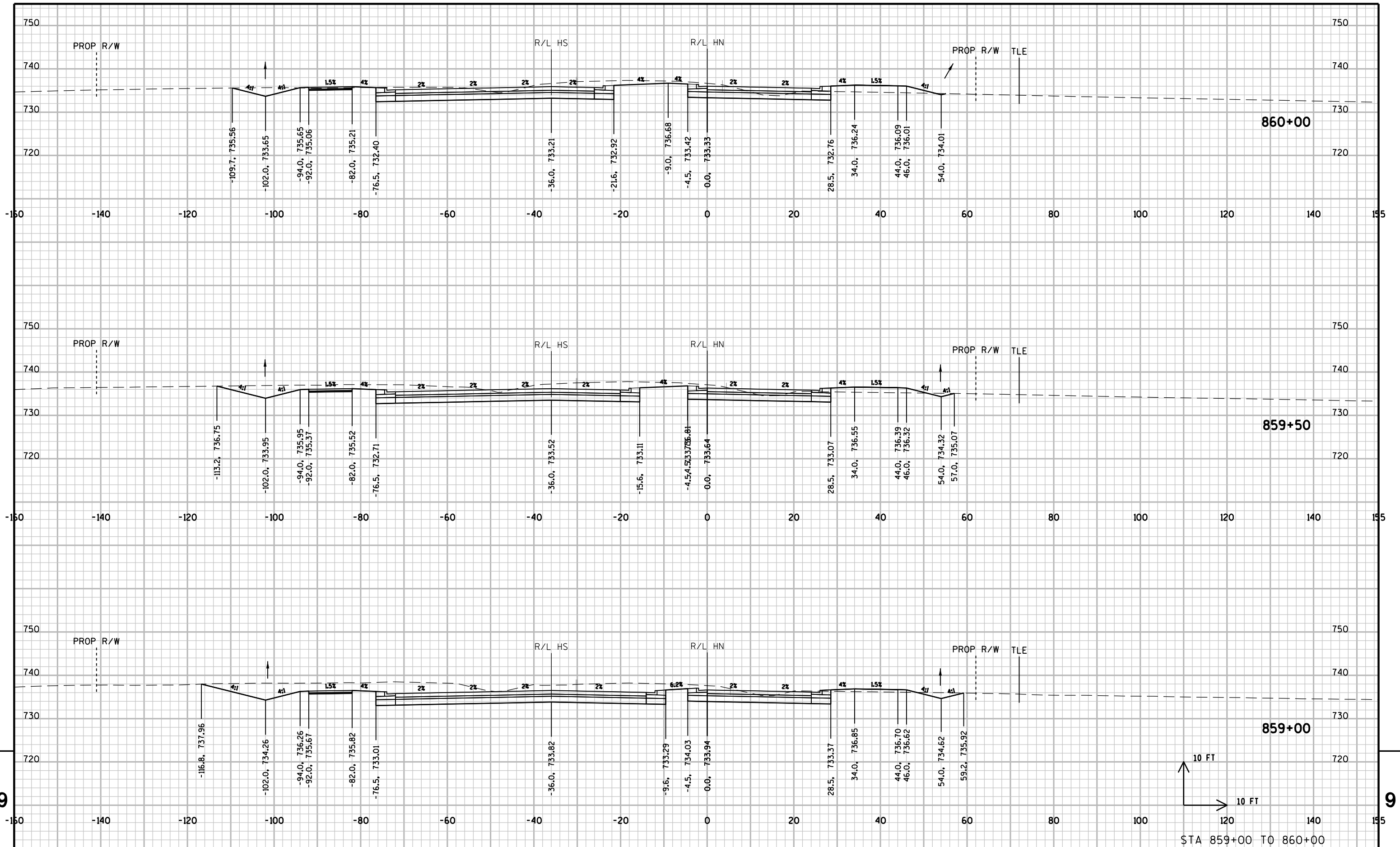
HWY: CTH H

COUNTY: RACINE

CROSS SECTIONS: CTH H

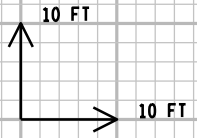
SHEET

E



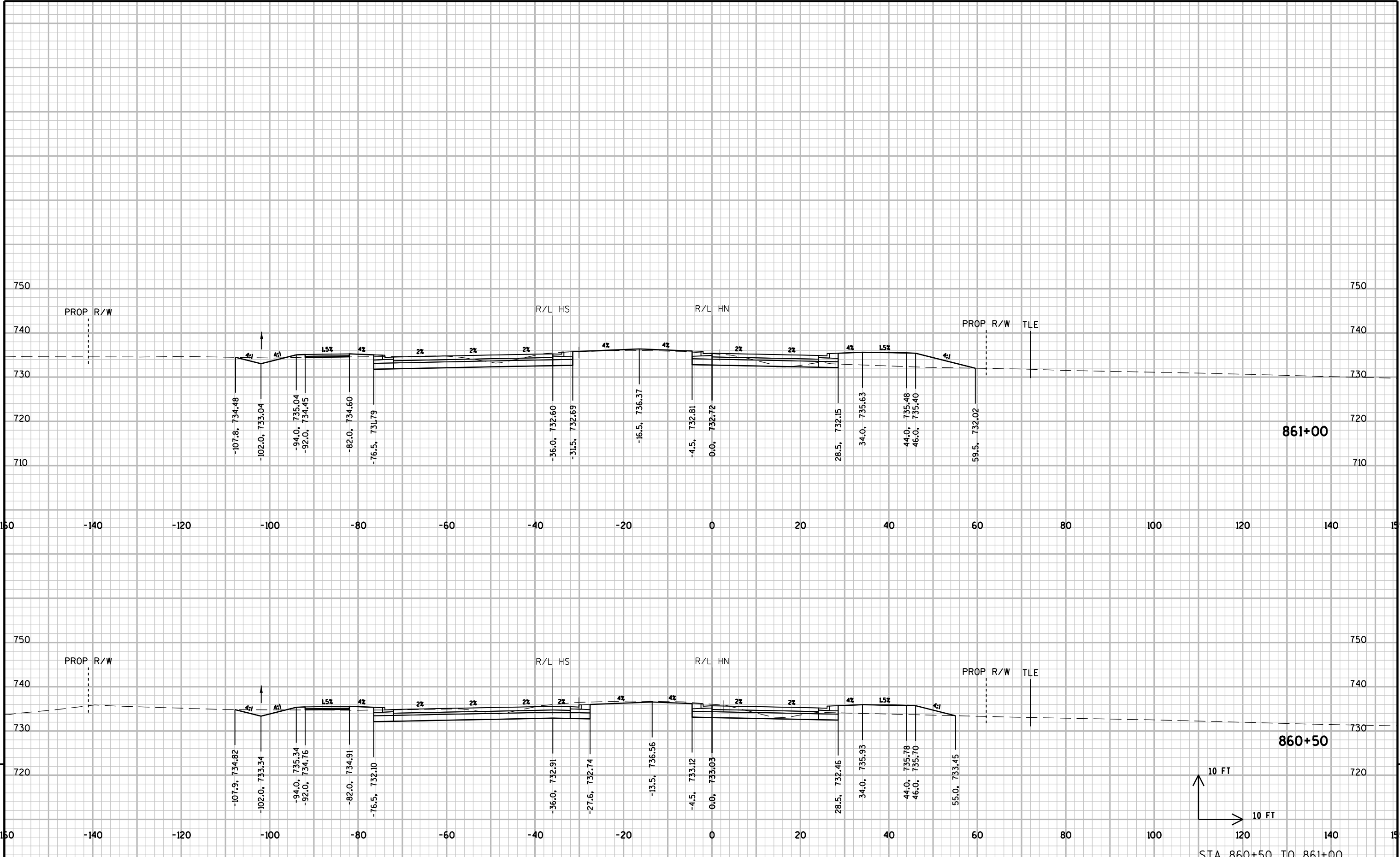
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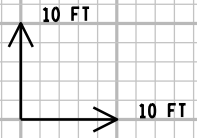
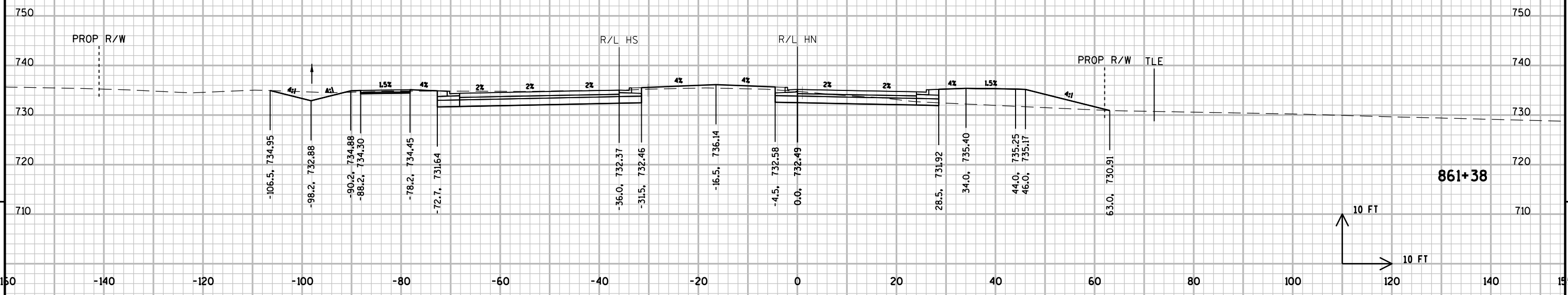
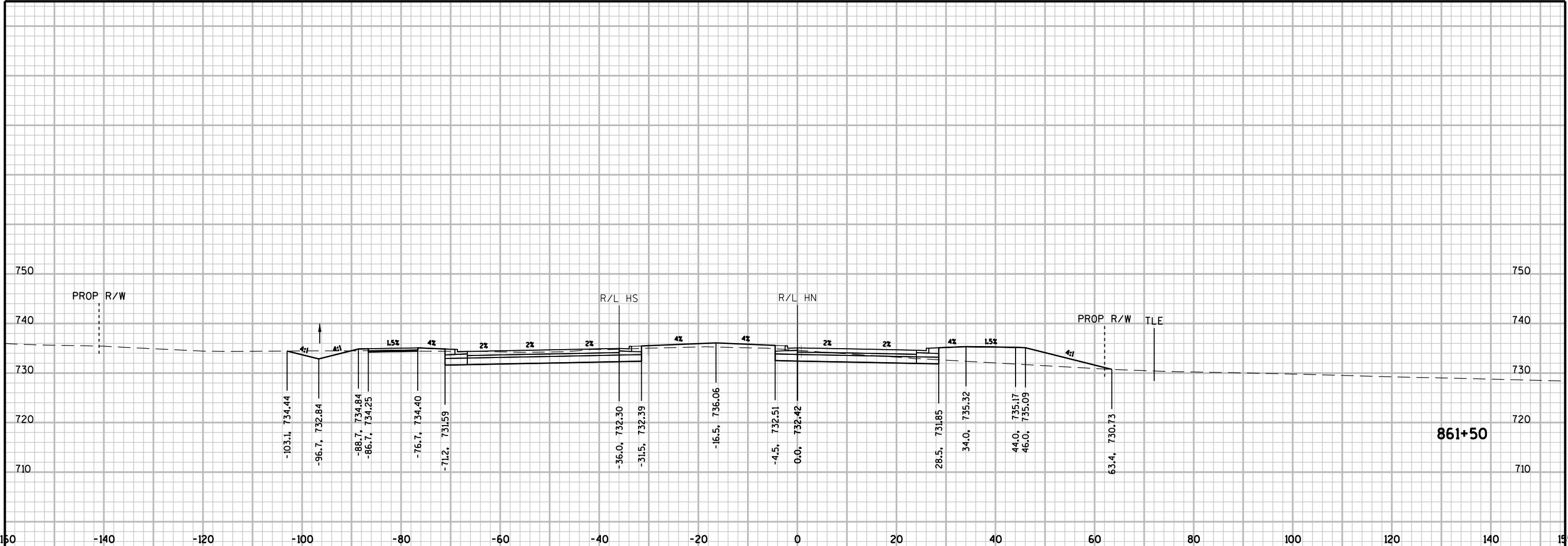


STA 859+00 TO 860+00

PROJECT NO: 3760-00-70	HWY: CTH H	COUNTY: RACINE	CROSS SECTIONS: CTH H	SHEET	E
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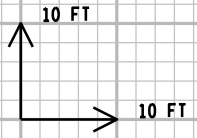
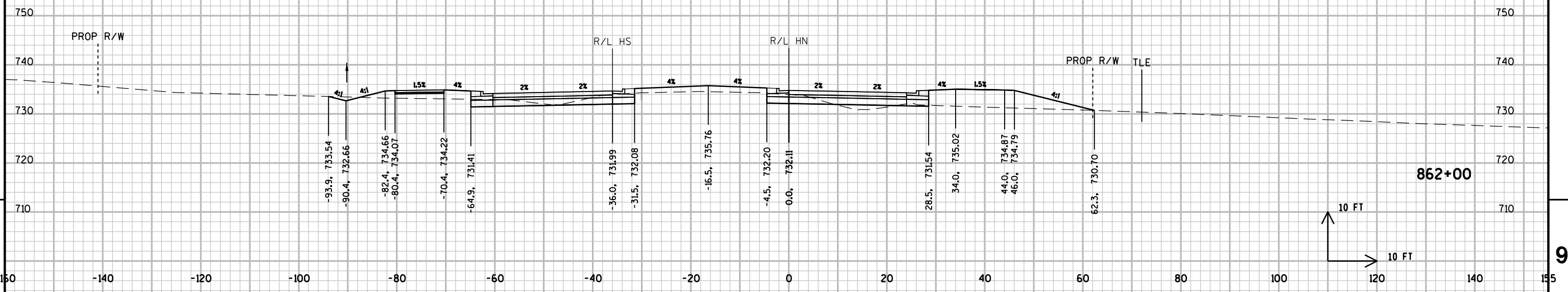
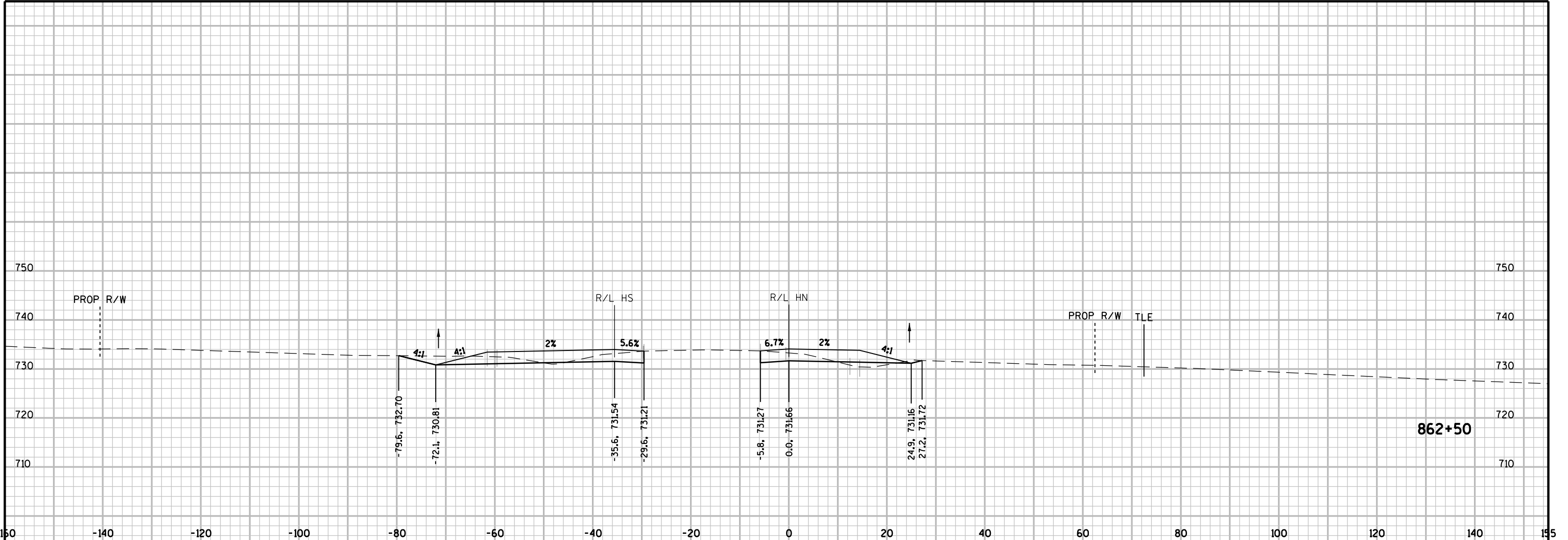


PROJECT NO: 3760-00-70 HWY: CTH H COUNTY: RACINE CROSS SECTIONS: CTH H SHEET E



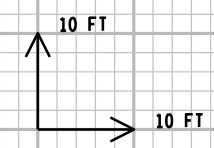
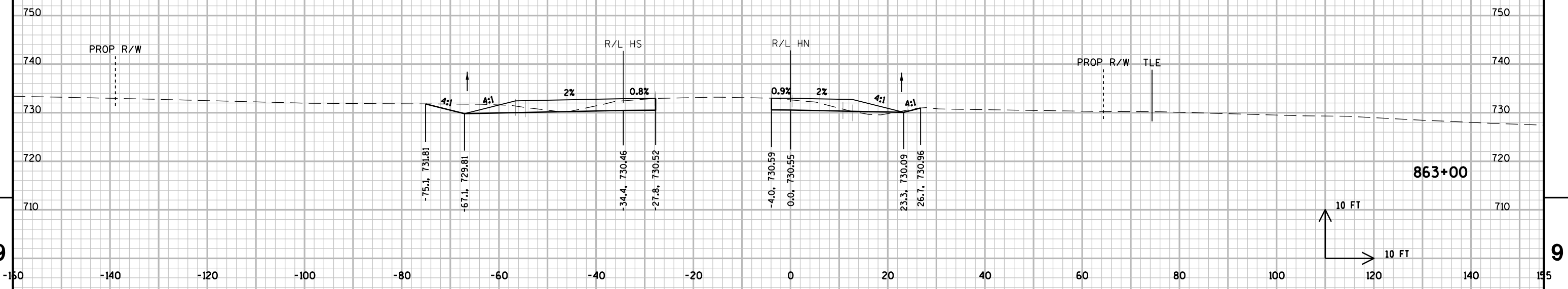
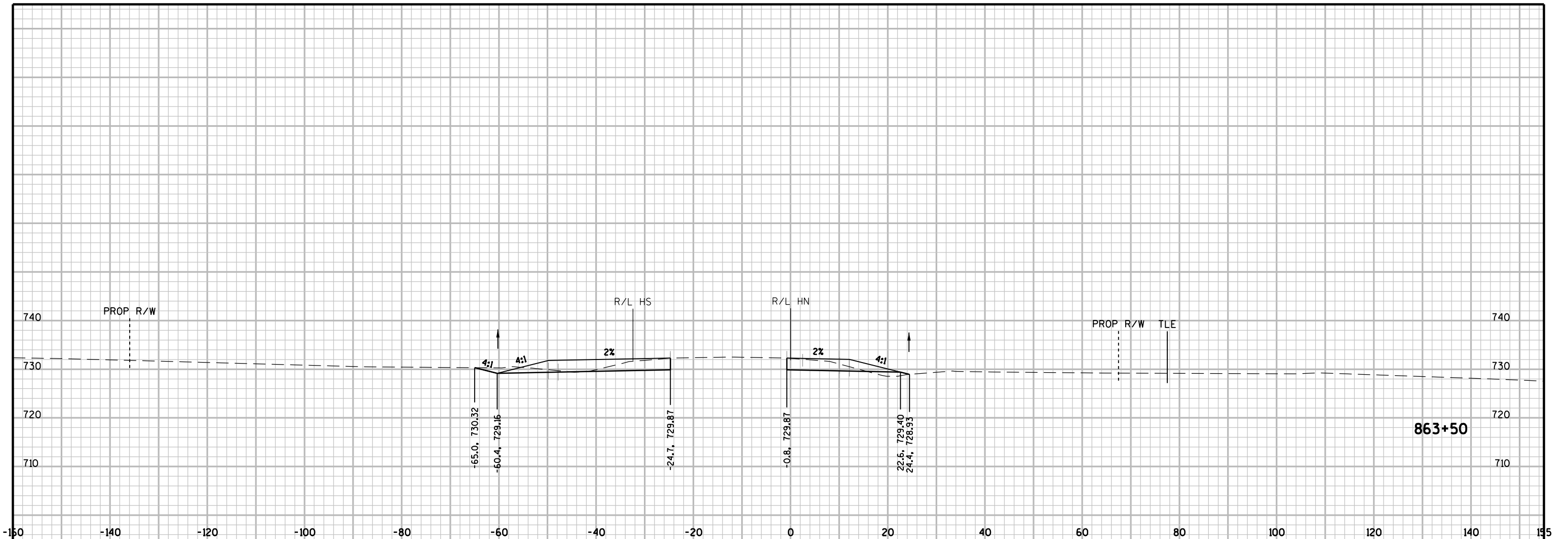
STA 861+38 TO 861+50

PROJECT NO: 3760-00-70	HWY: CTH H	COUNTY: RACINE	CROSS SECTIONS: CTH H	SHEET	E
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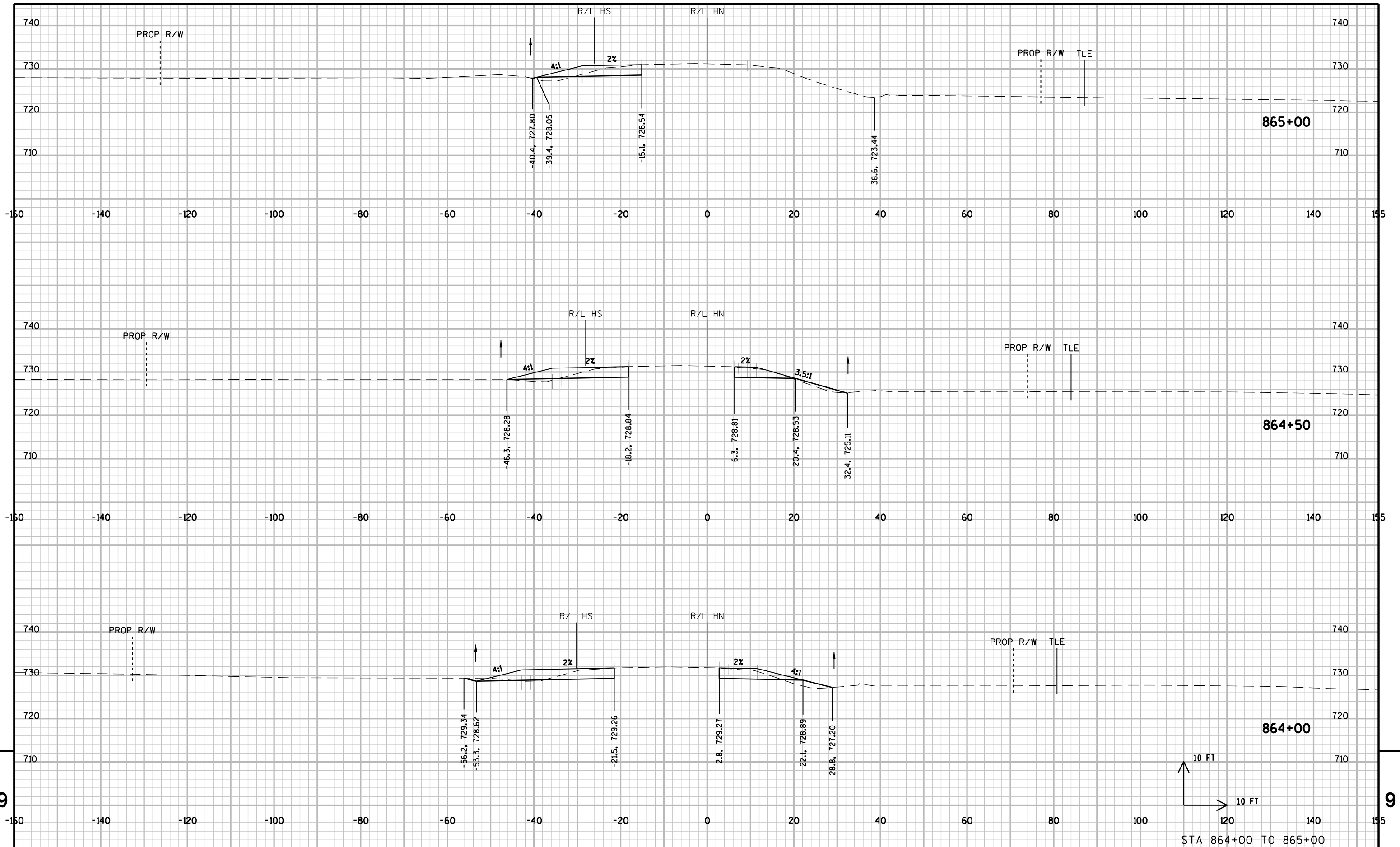
STA 862+00 TO 862+50

PROJECT NO: 3760-00-70 HWY: CTH H COUNTY: RACINE CROSS SECTIONS: CTH H SHEET E



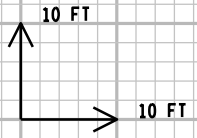
STA 863+00 TO 863+50

PROJECT NO: 3760-00-70 HWY: CTH H COUNTY: RACINE CROSS SECTIONS: CTH H SHEET E



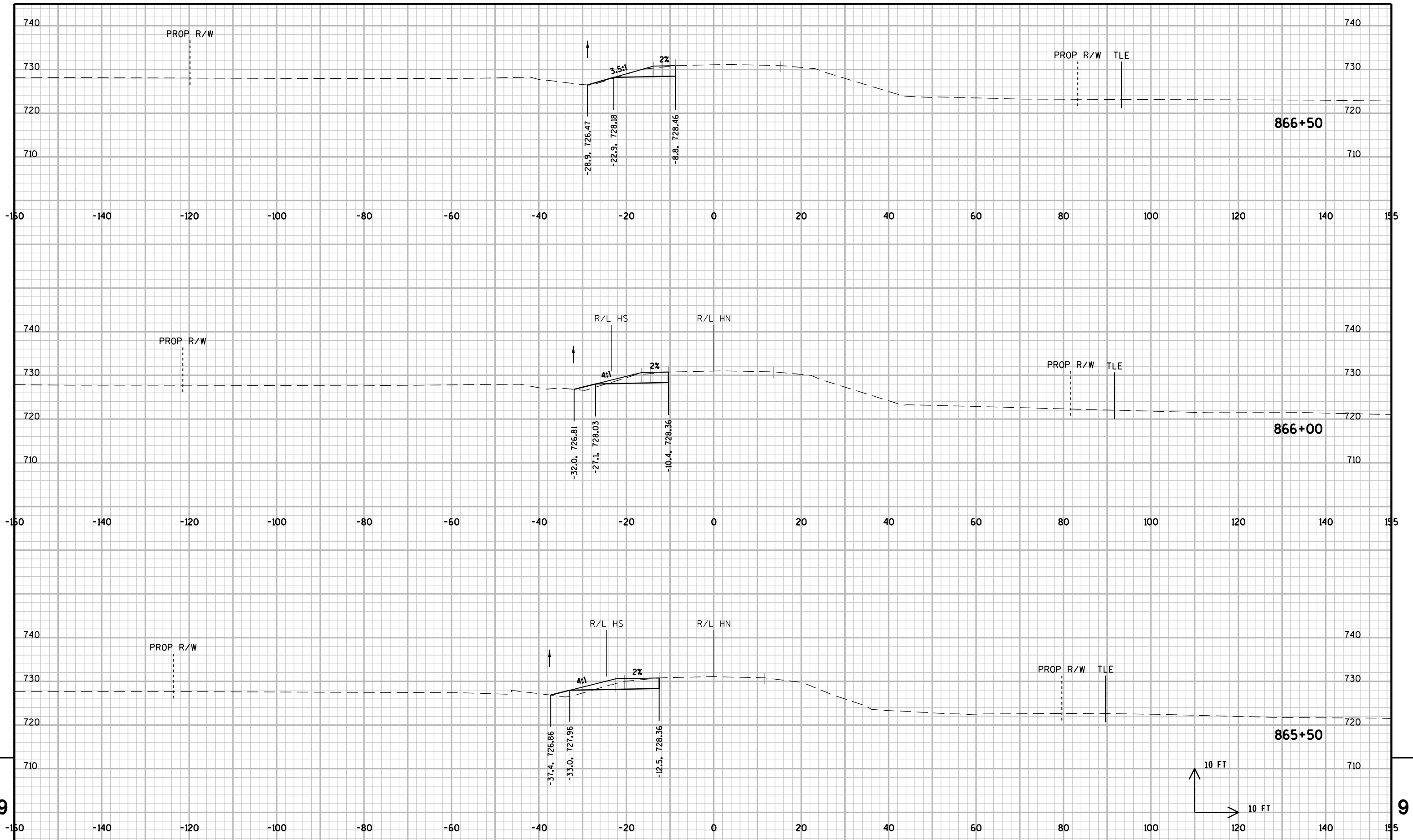
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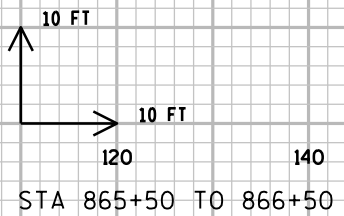
STA 864+00 TO 865+00

PROJECT NO: 3760-00-70	HWY: CTH H	COUNTY: RACINE	CROSS SECTIONS: CTH H	SHEET	E
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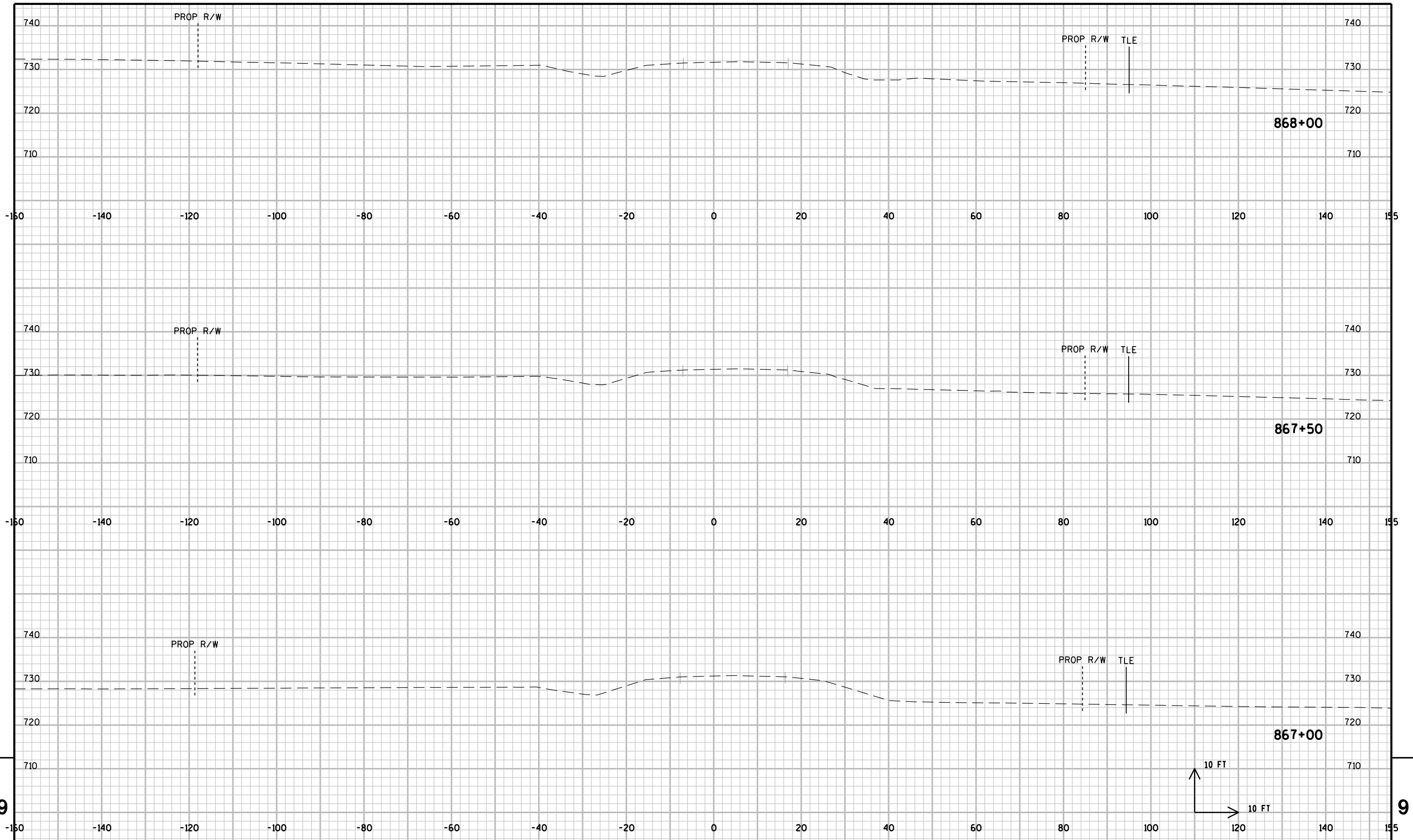


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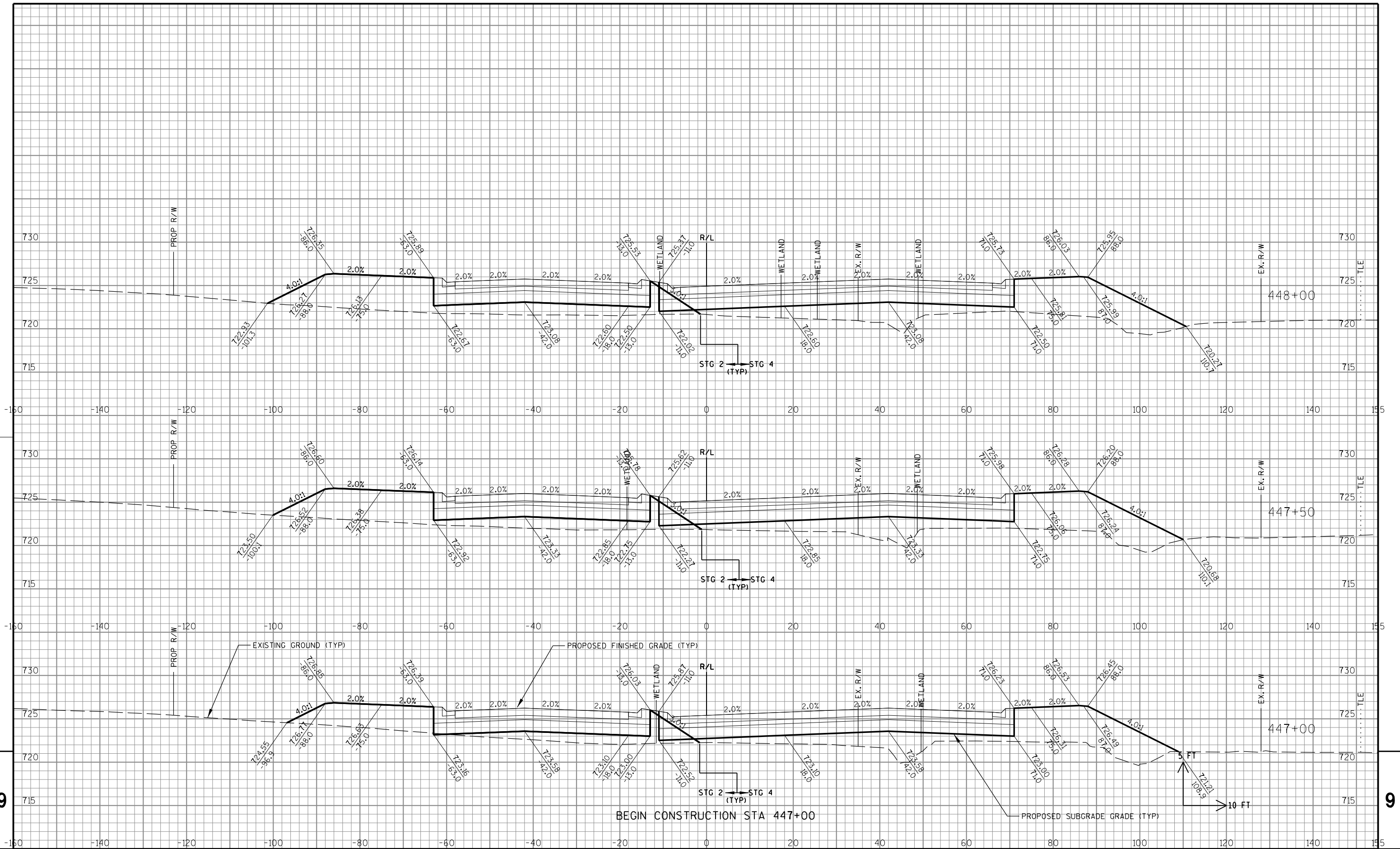
PROJECT NO: 3760-00-70 HWY: CTH H COUNTY: RACINE CROSS SECTIONS: CTH H SHEET E



9

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PROJECT NO: 3760-00-70	HWY: CTH H	COUNTY: RACINE	CROSS SECTIONS: CTH H	SHEET	E
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STATE PROJECT NO: 3760-00-70

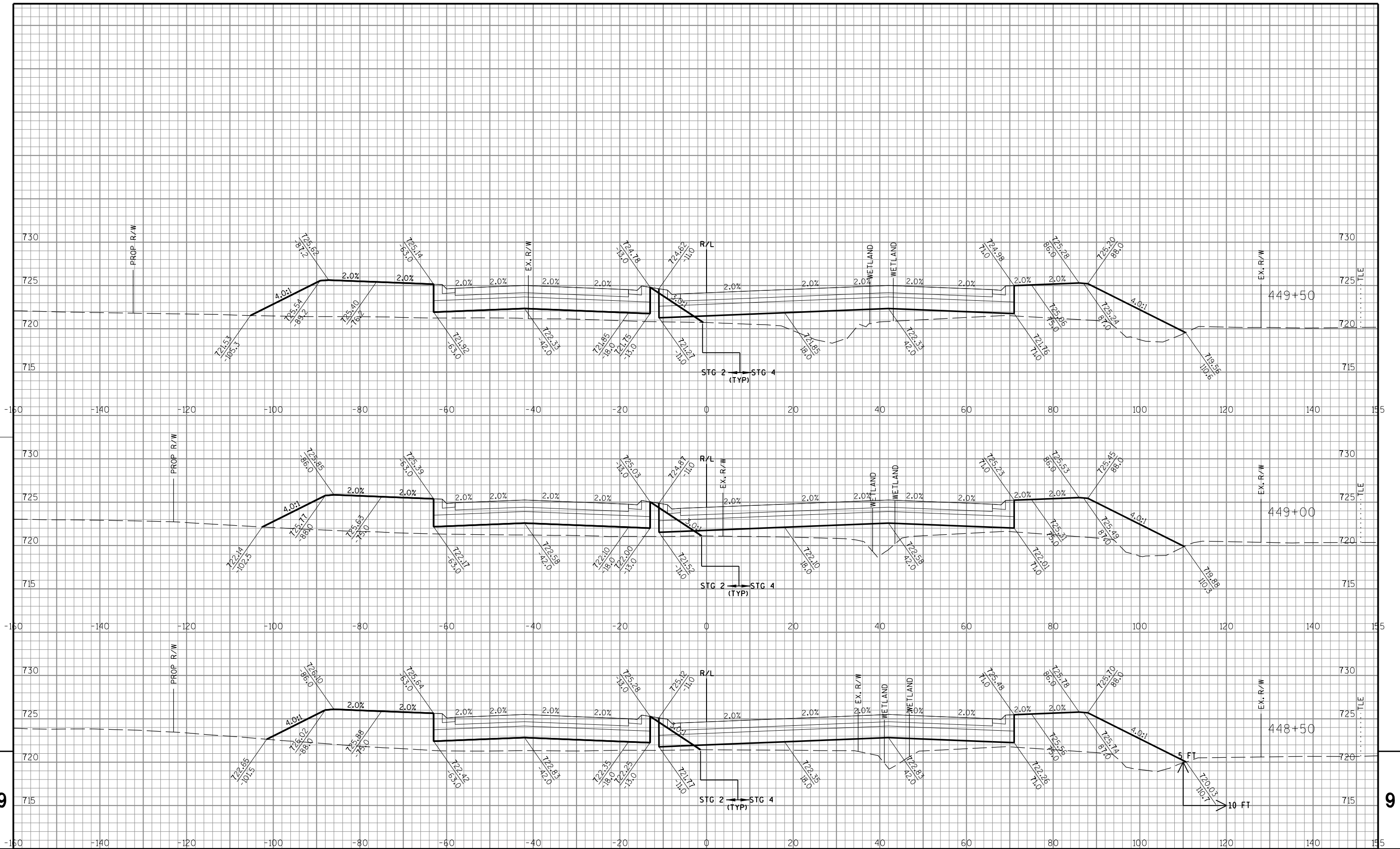
HWY: CTH H

COUNTY: RACINE

CROSS SECTIONS: CTH KR

SHEET NO: .

E

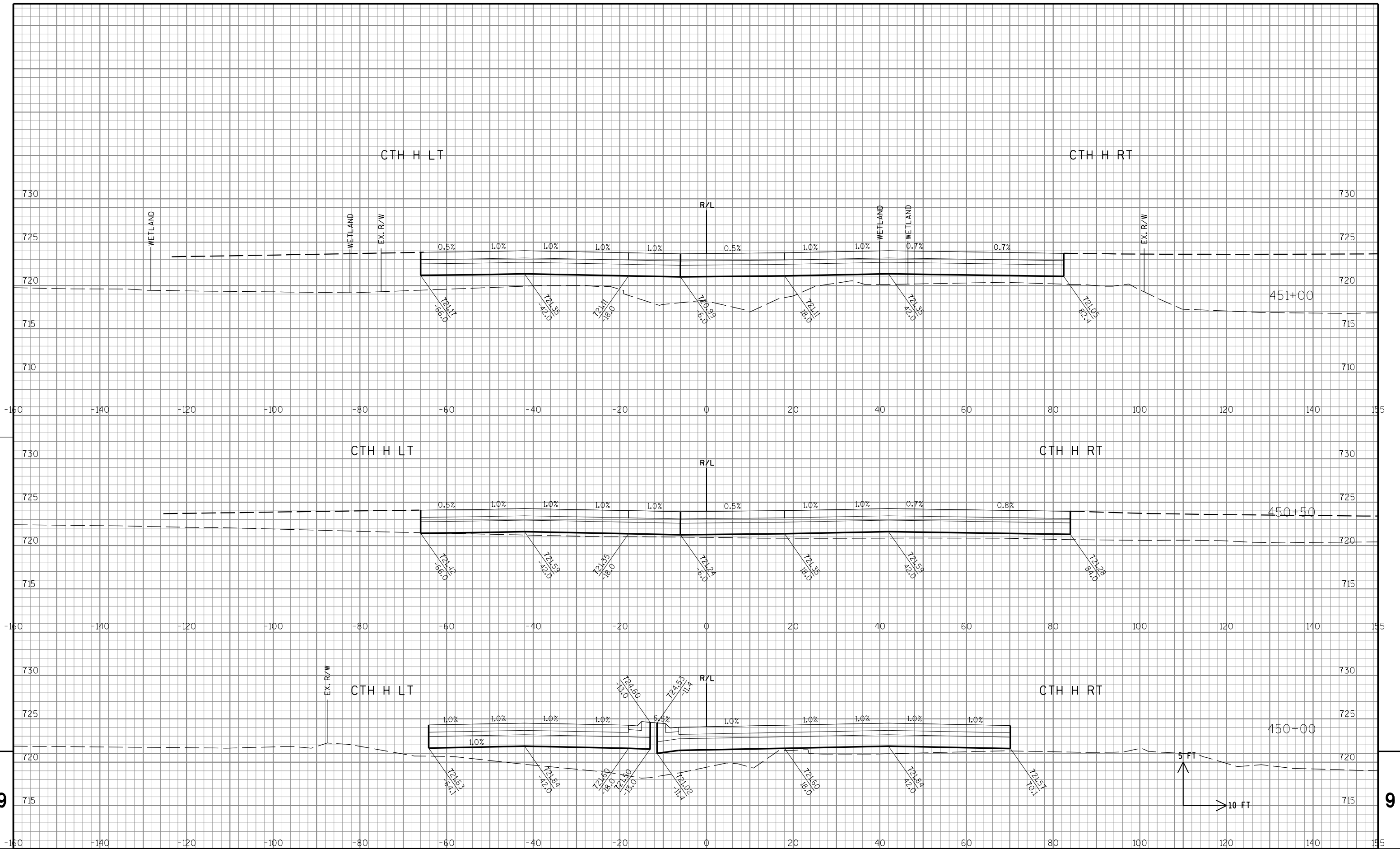


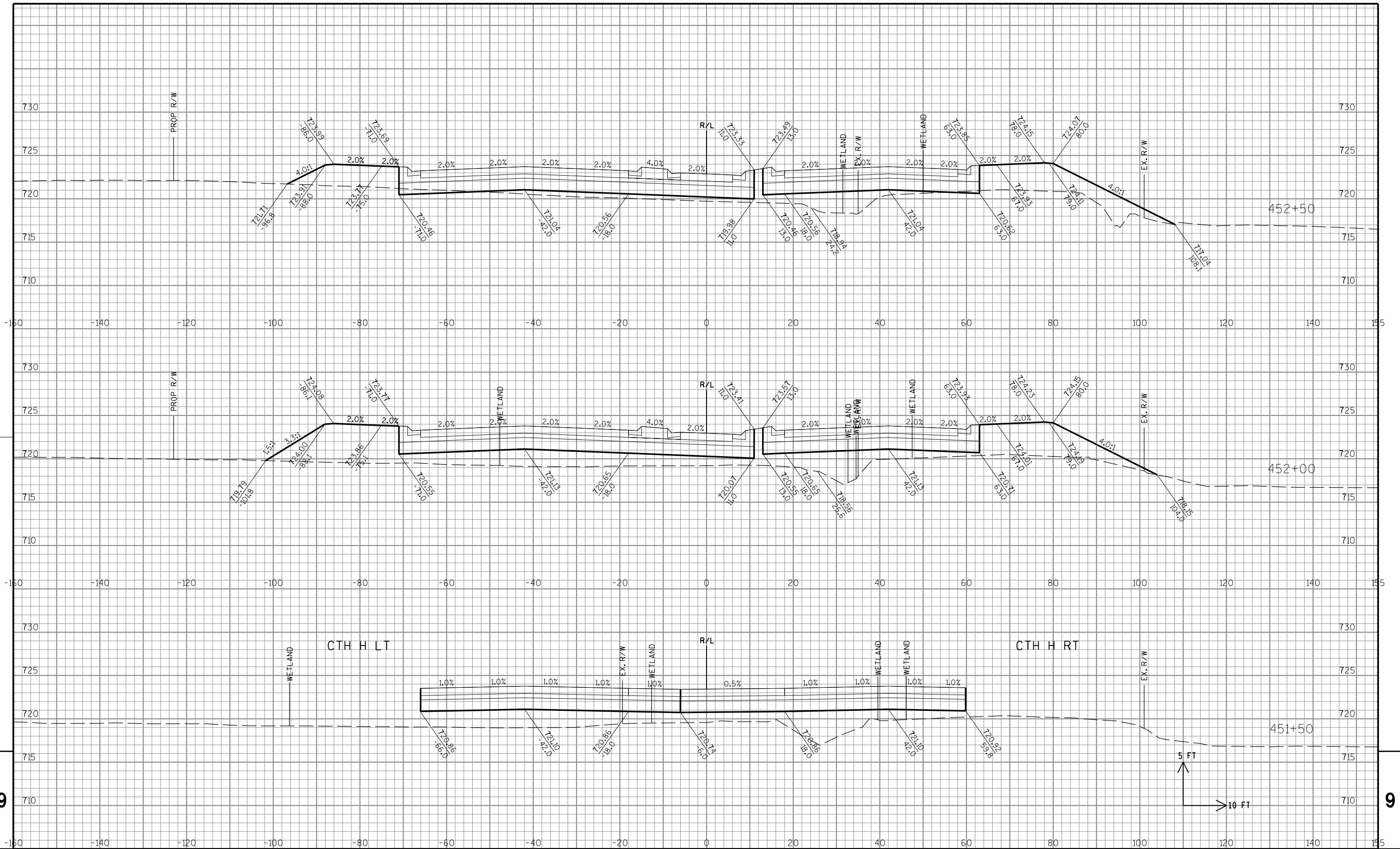
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STATE PROJECT NO: 3760-00-70 HWY: CTH H COUNTY: RACINE CROSS SECTIONS: CTH KR SHEET NO: . E

FILE NAME : S:\DOT\DOT_SE\180045_Foxconn_Local_Roads\PS&E\37600070_CTH_H\RAFT_PSE\wallj work\dgn files to HNTB\cross sections dropped without line\090201_XS.KRP.dgn DATE : 8/23/2018 PLOT BY : wwo\ck PLOT NAME : PLOT SCALE : 1:20





STATE PROJECT NO: 3760-00-70

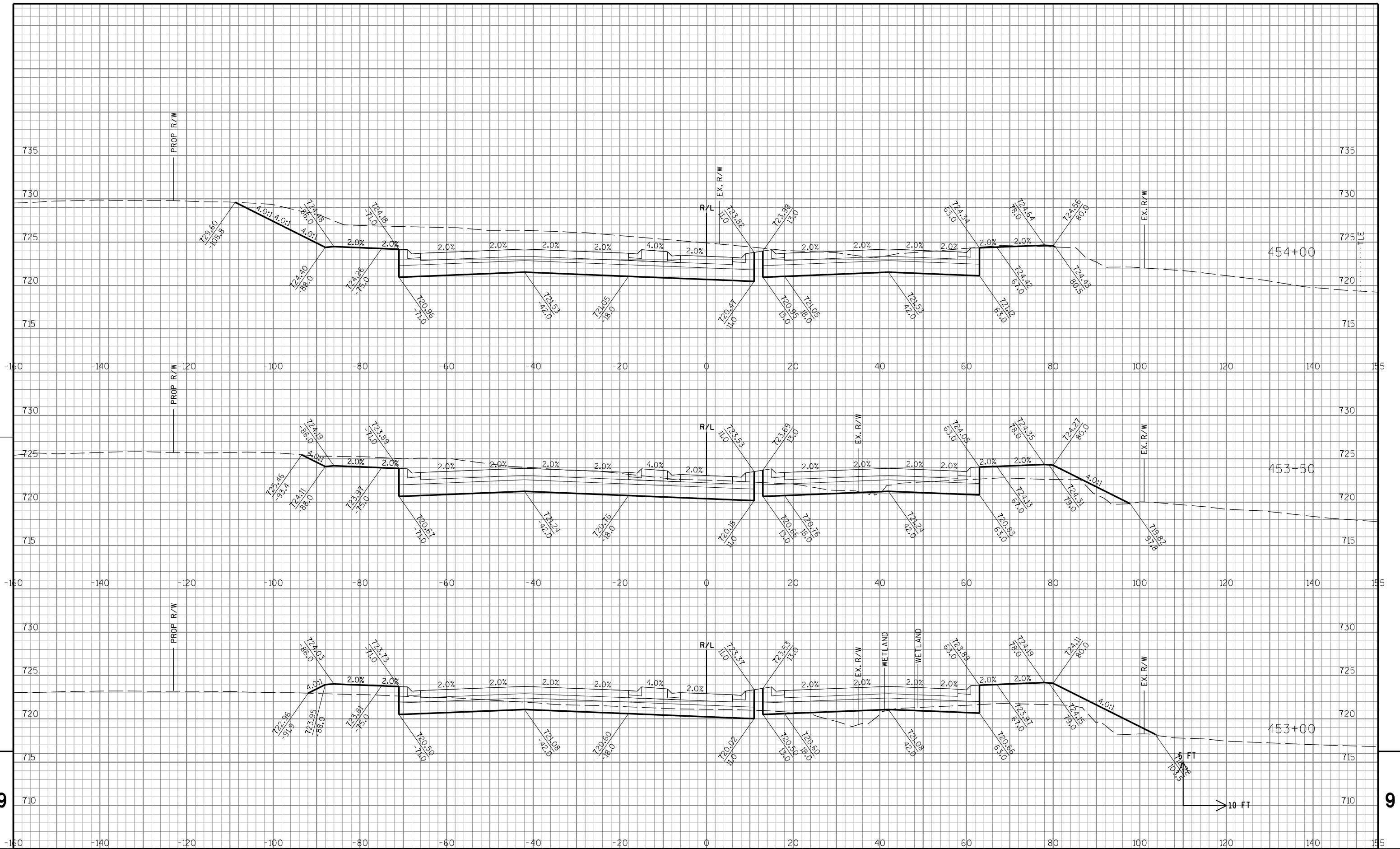
HWY: CTH H

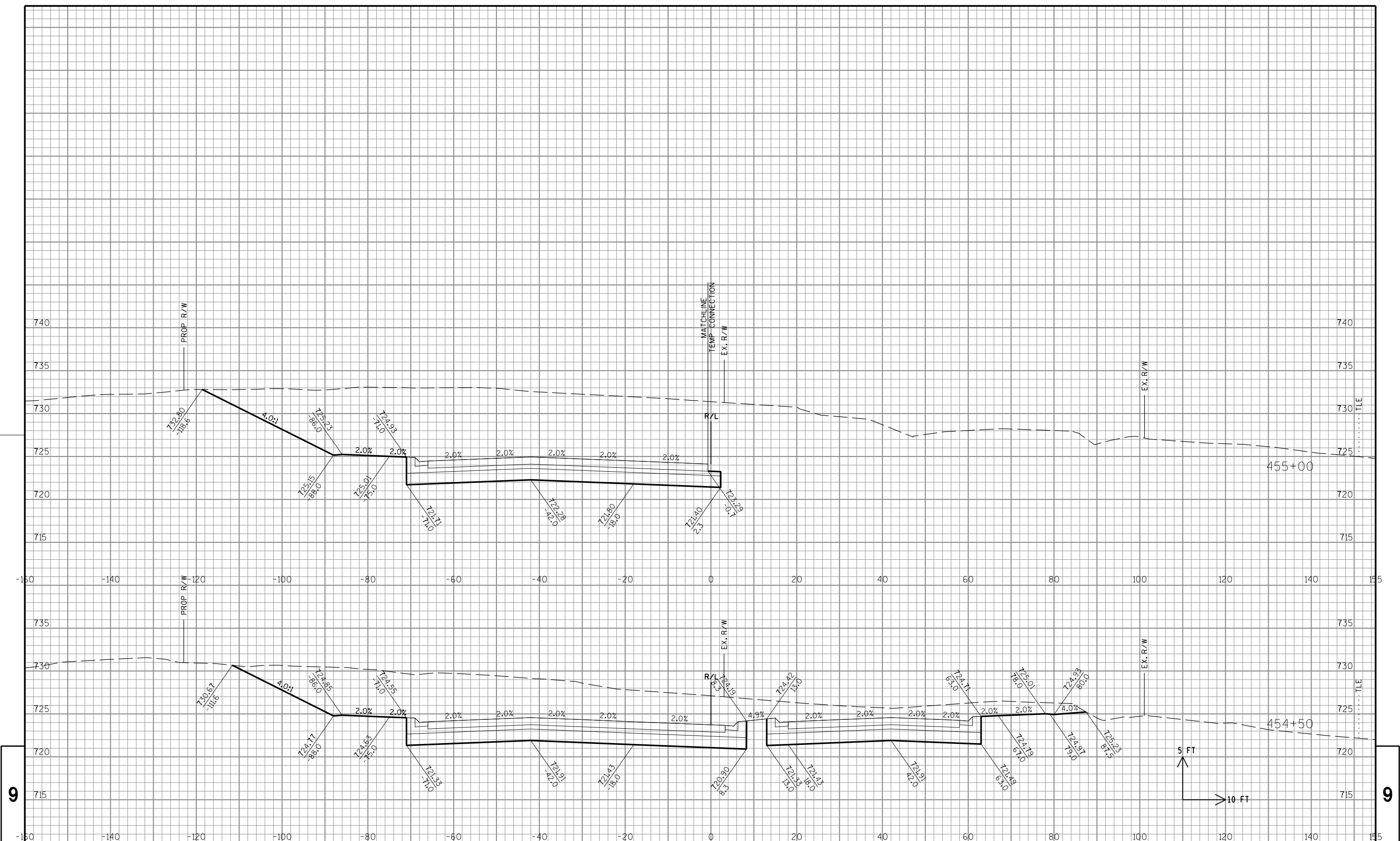
COUNTY: RACINE

CROSS SECTIONS: CTH KR

SHEET NO: .

E





STATE PROJECT NO: 3760-00-70

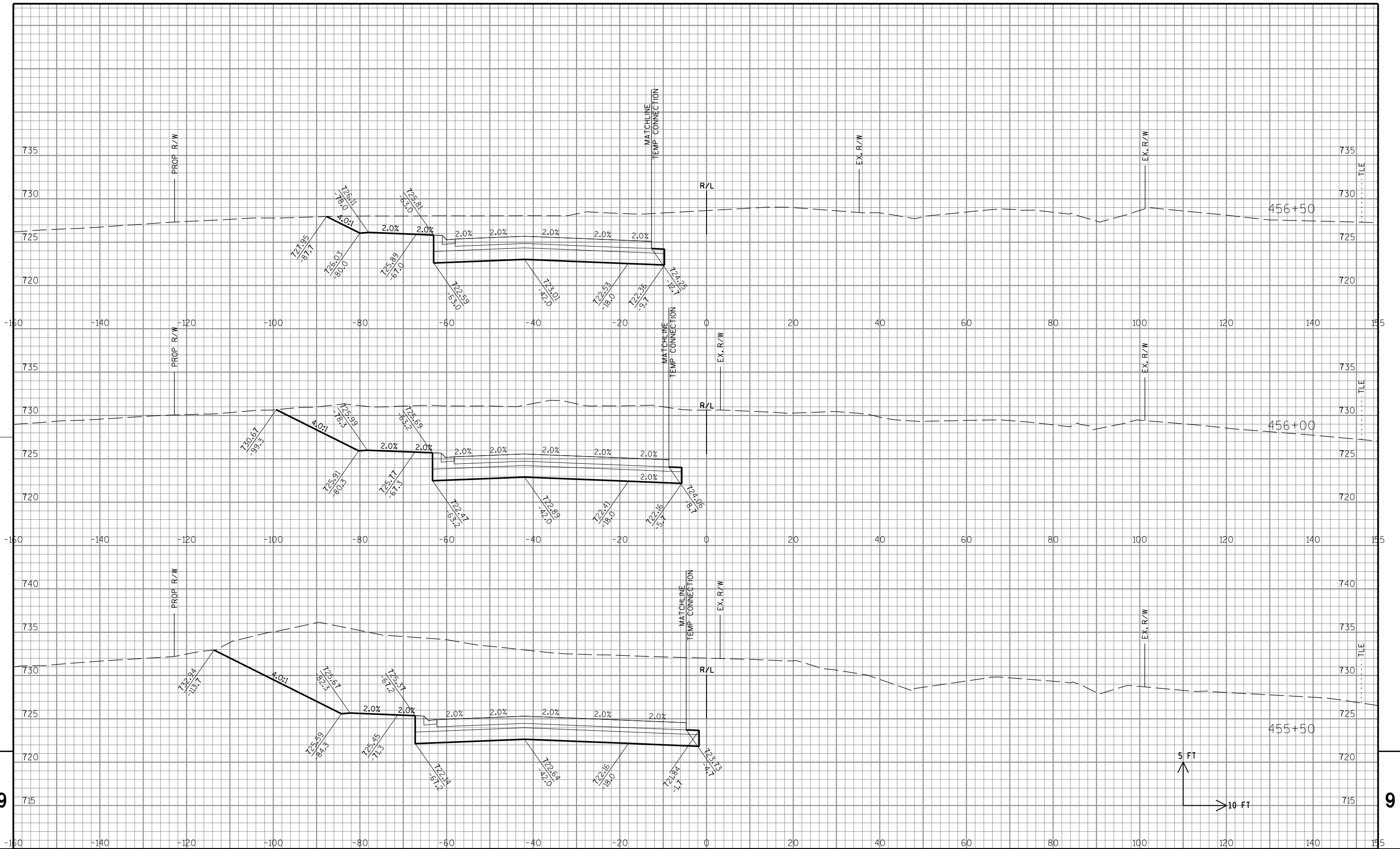
HWY: CTH H

COUNTY: RACINE

CROSS SECTIONS: CTH KR

SHEET NO: .

E



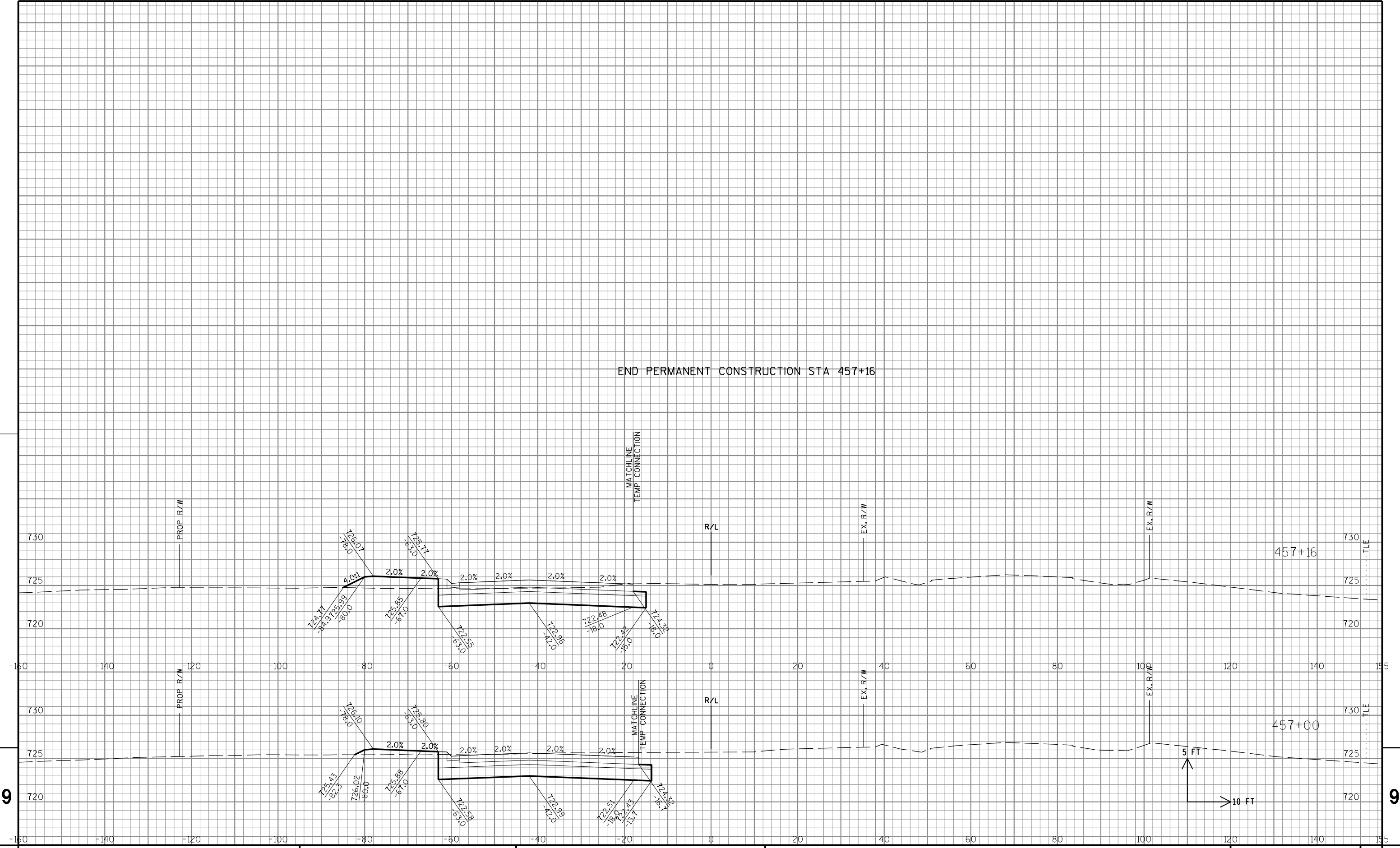
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STATE PROJECT NO: 3760-00-70 HWY: CTH H COUNTY: RACINE CROSS SECTIONS: CTH KR SHEET NO: . E

FILE NAME : S:\DOT\DOT_SE\180045_Foxconn_Local_Roads\PS&E\37600070_CTH_H\RAFT_PSE\wall work\dgn files to HNTB\cross sections dropped without line\090201_XS.KRP.dgn DATE : 8/23/2018 PLOT BY : wwoiak PLOT NAME : PLOT SCALE : 1:20

END PERMANENT CONSTRUCTION STA 457+16



STATE PROJECT NO: 3760-00-70

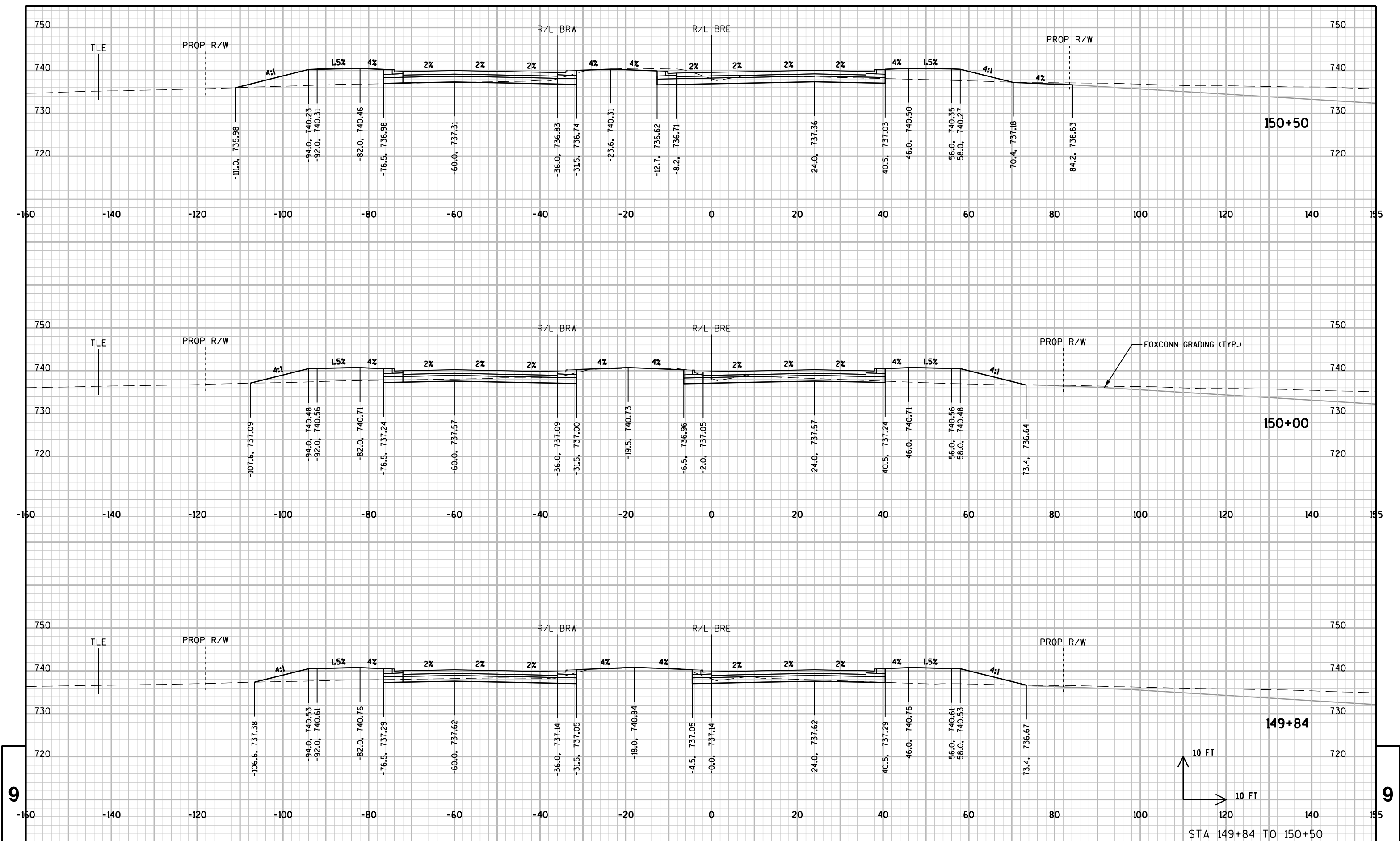
HWY: CTH H

COUNTY: RACINE

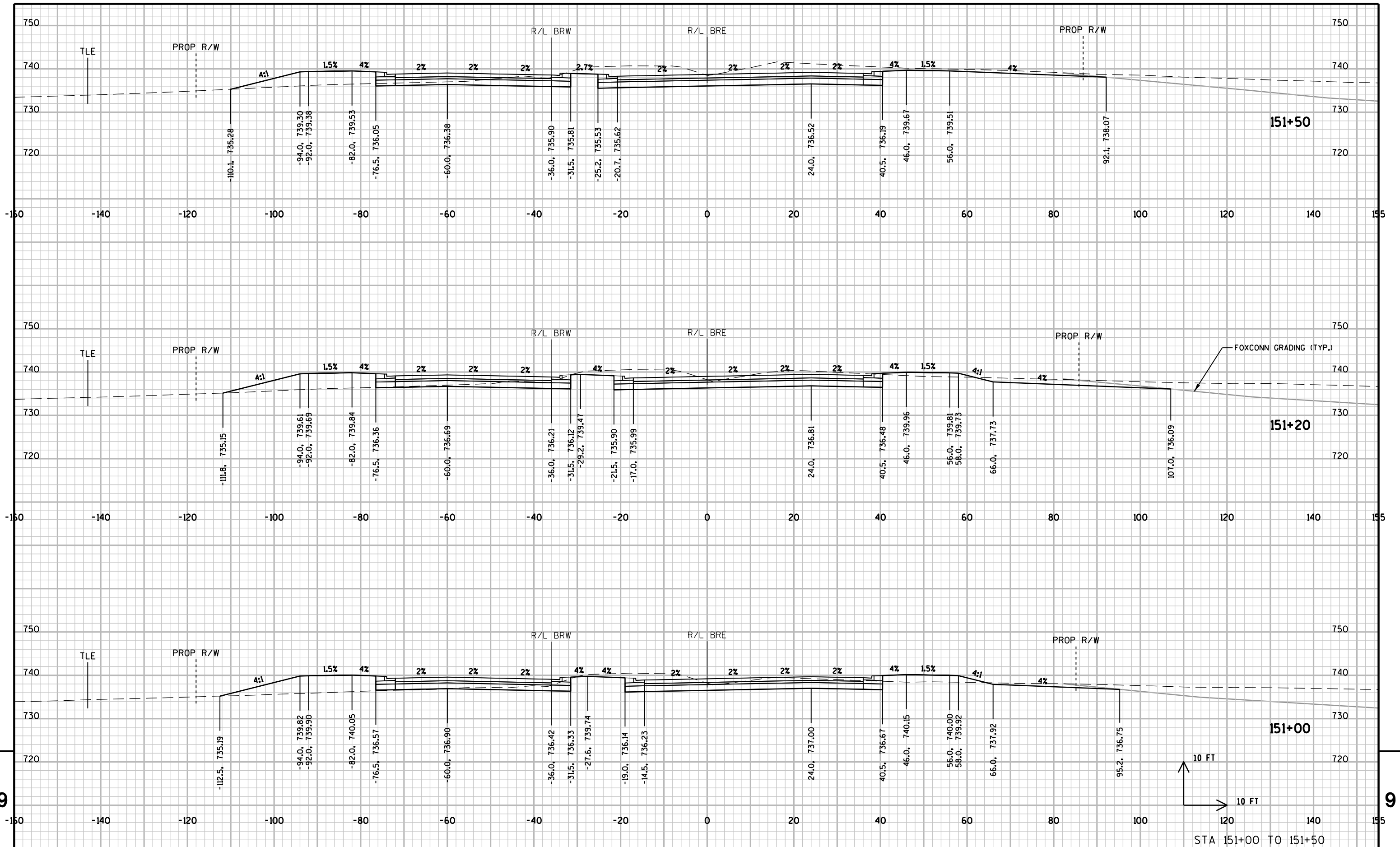
CROSS SECTIONS: CTH KR

SHEET NO: .

E



PROJECT NO: 3760-00-70 HWY: CTH H COUNTY: RACINE CROSS SECTIONS: BRAUN ROAD SHEET E



PROJECT NO: 3760-00-70

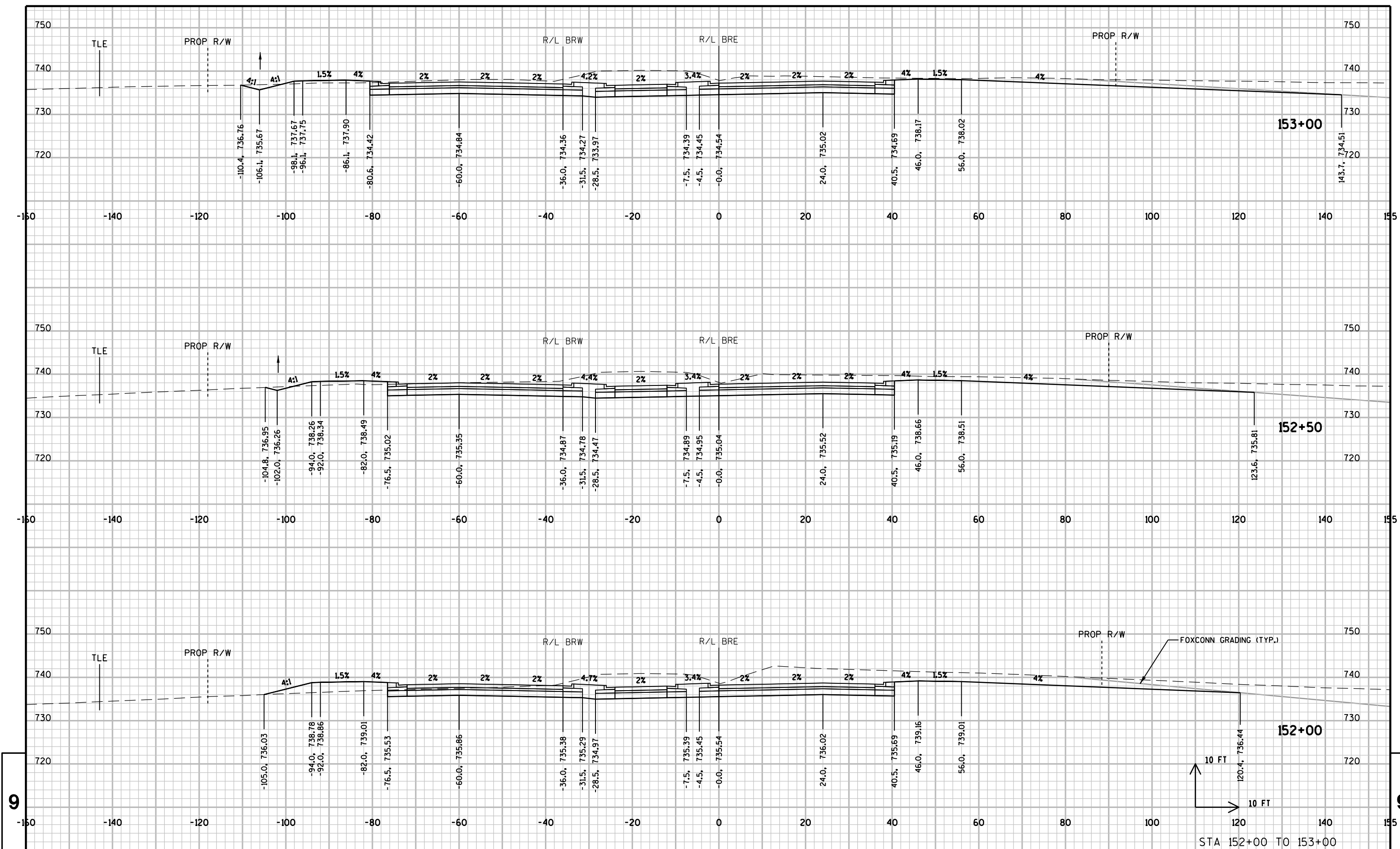
HWY: CTH H

COUNTY: RACINE

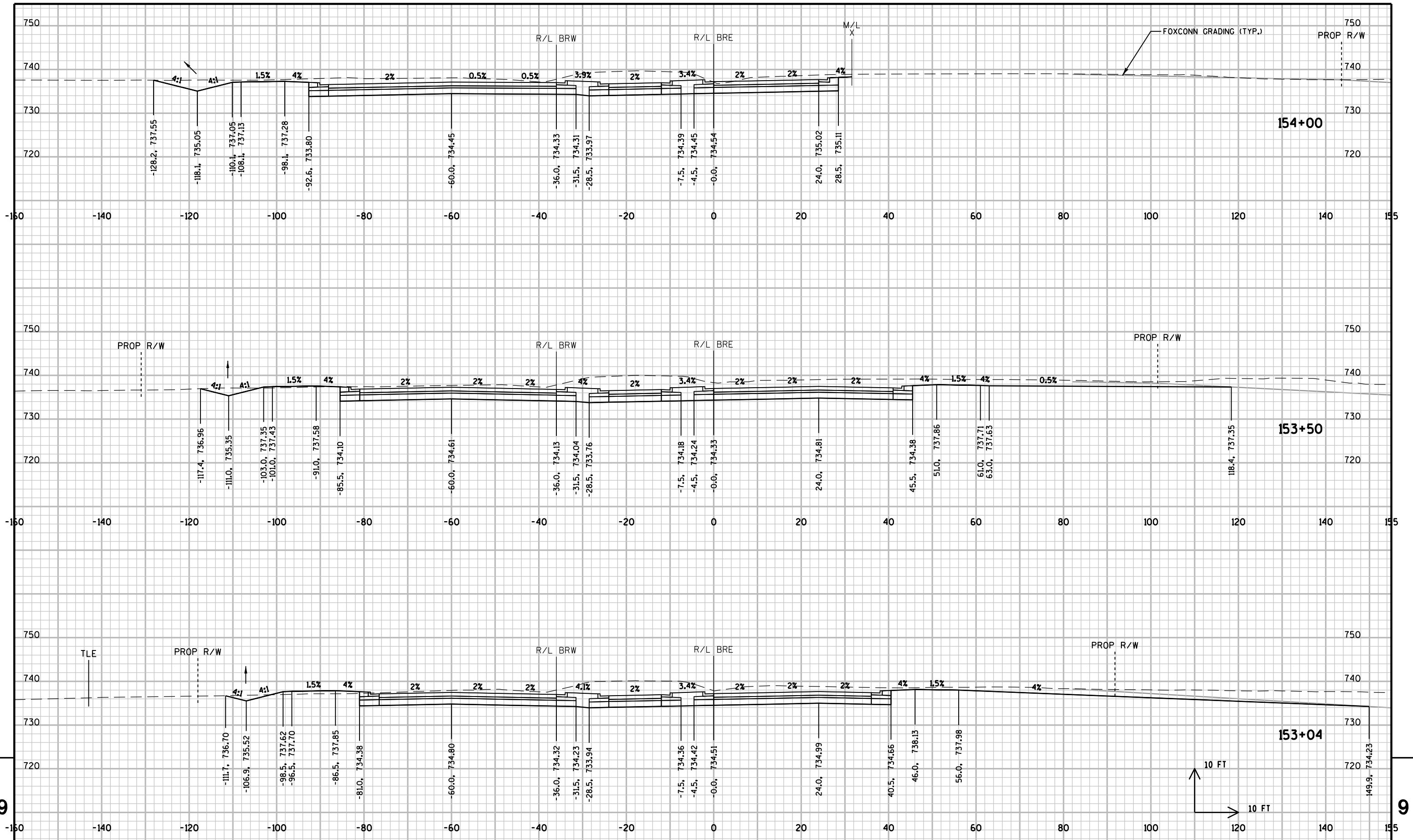
CROSS SECTIONS: BRAUN ROAD

SHEET

E



PROJECT NO: 3760-00-70 HWY: CTH H COUNTY: RACINE CROSS SECTIONS: BRAUN ROAD SHEET E



PROJECT NO: 3760-00-70

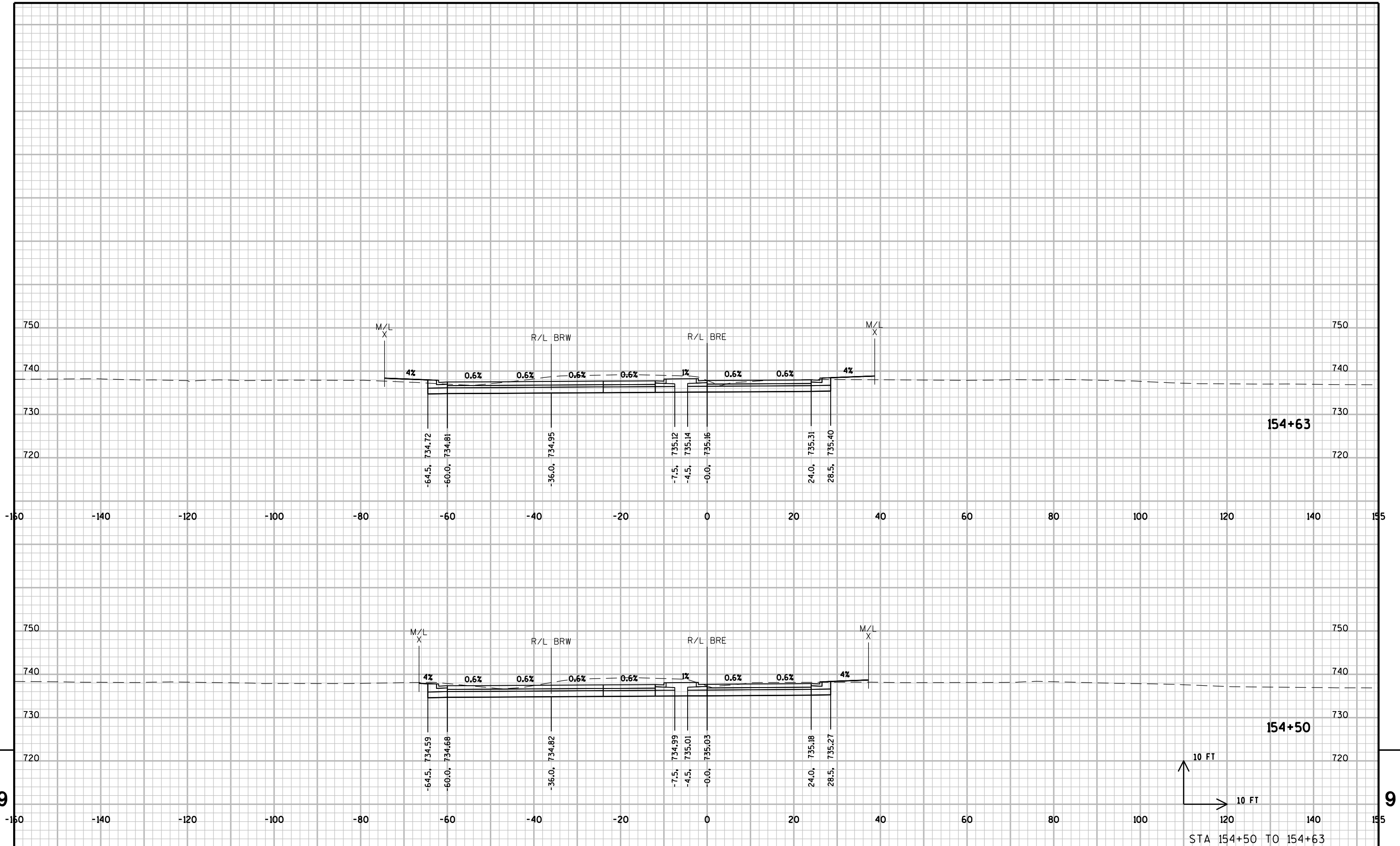
HWY: CTH H

COUNTY: RACINE

CROSS SECTIONS: BRAUN ROAD

SHEET

E



PROJECT NO: 3760-00-70

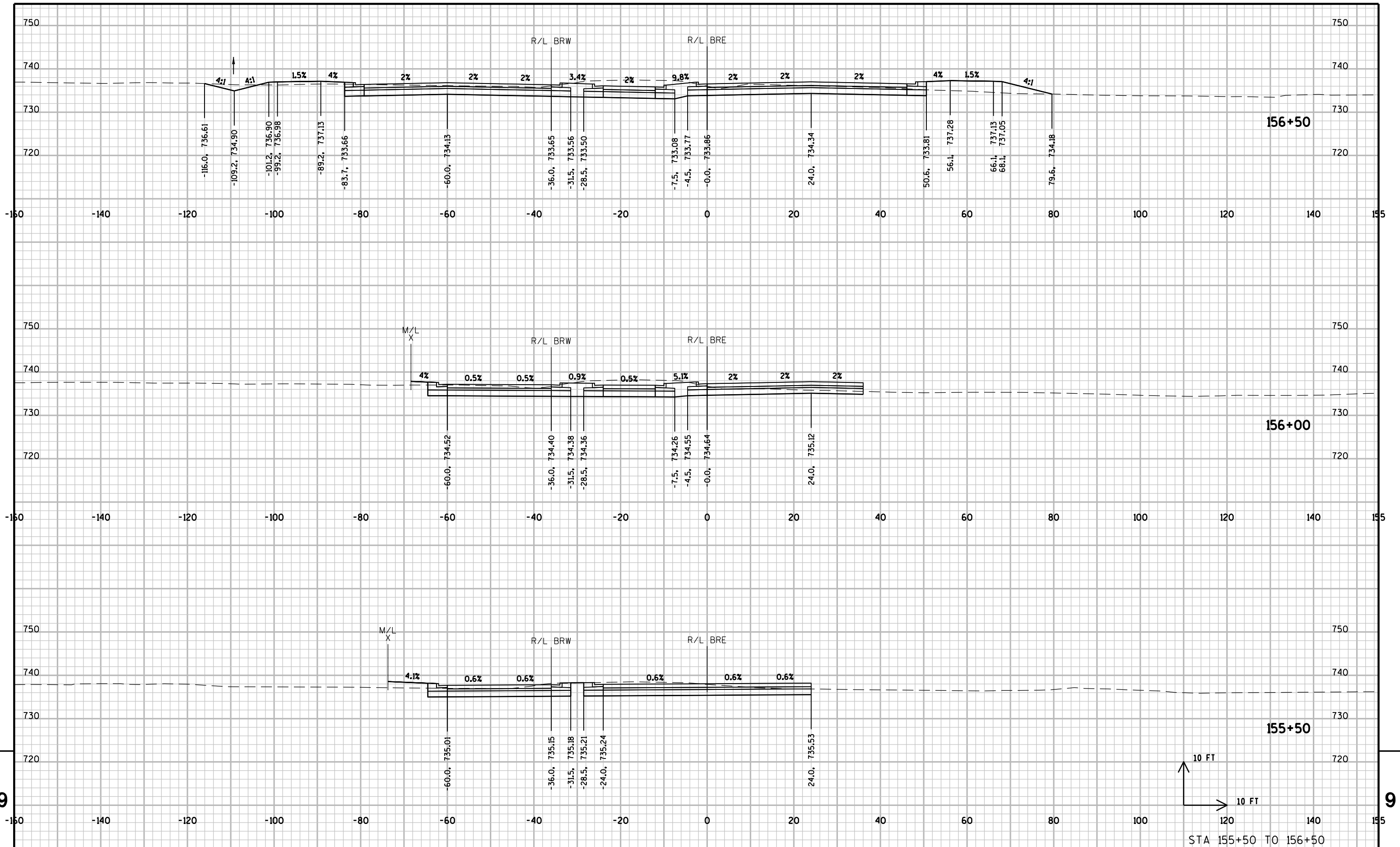
HWY: CTH H

COUNTY: RACINE

CROSS SECTIONS: BRAUN ROAD

SHEET

E



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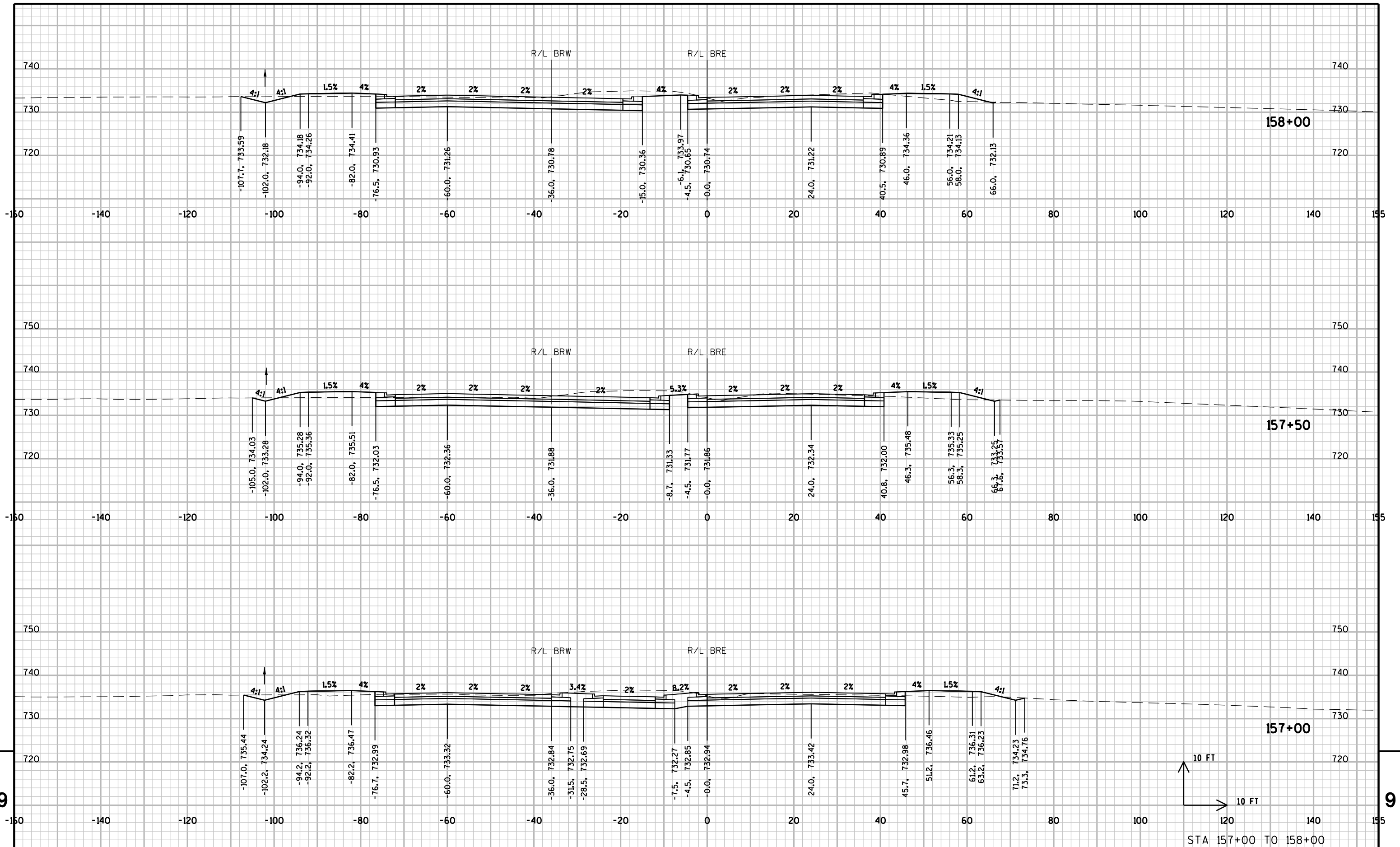
10 FT

10 FT

STA 155+50 TO 156+50

9

PROJECT NO: 3760-00-70 HWY: CTH H COUNTY: RACINE CROSS SECTIONS: BRAUN ROAD SHEET E



PROJECT NO: 3760-00-70

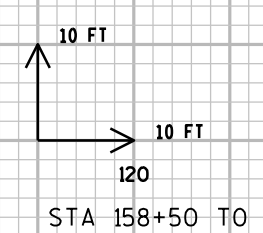
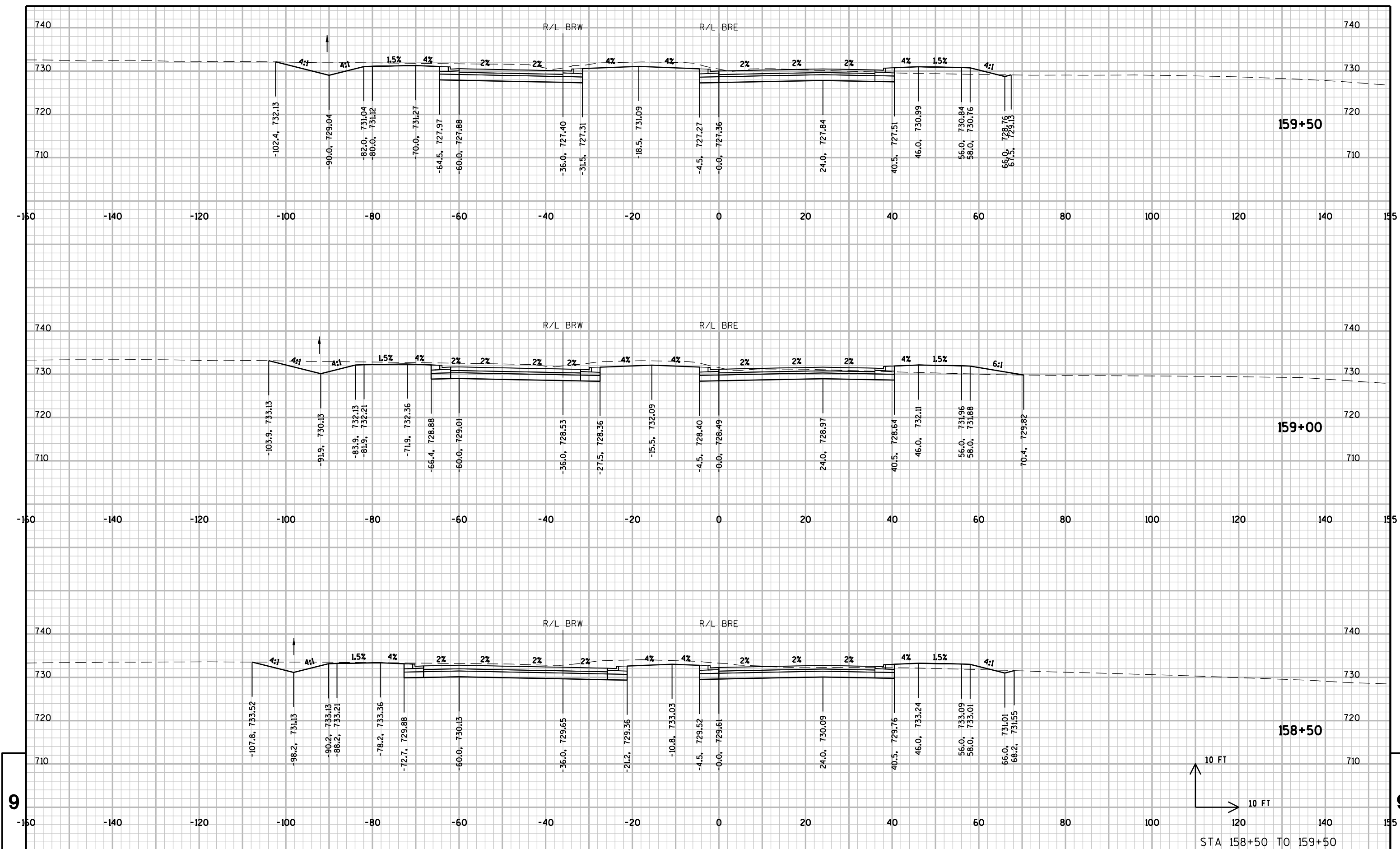
HWY: CTH H

COUNTY: RACINE

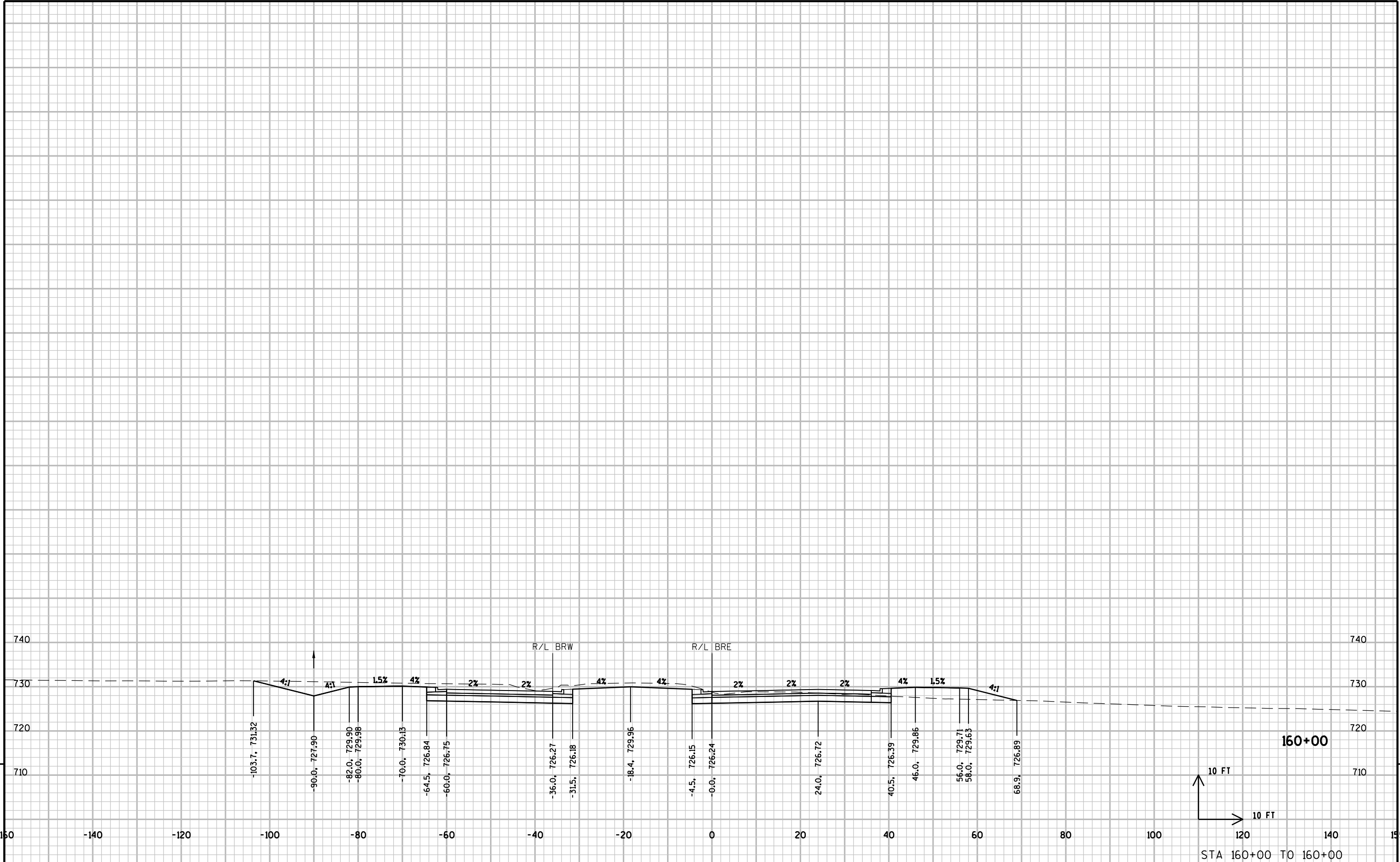
CROSS SECTIONS: BRAUN ROAD

SHEET

E



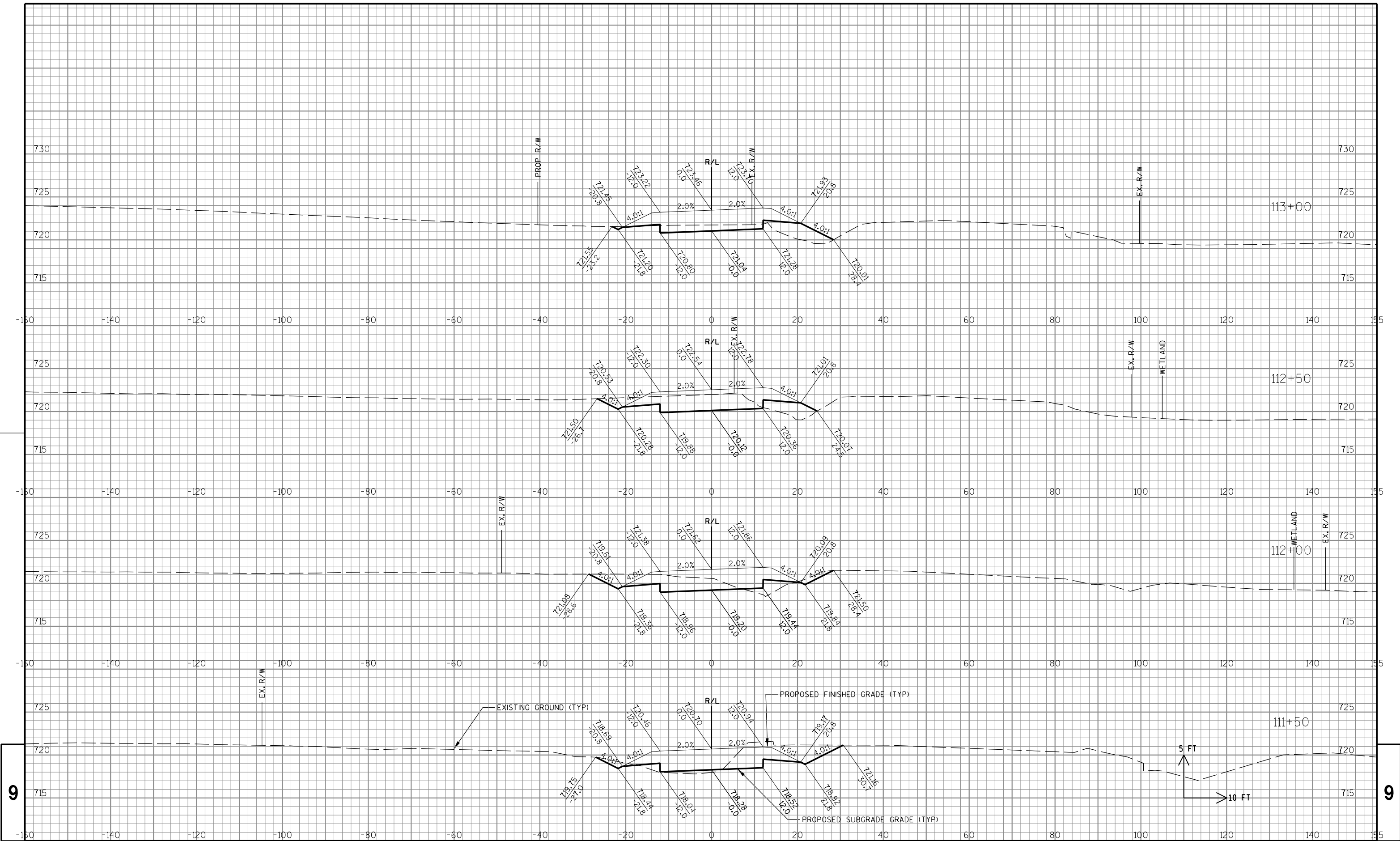
STA 158+50 TO 159+50



9

9

PROJECT NO: 3760-00-70 HWY: CTH H COUNTY: RACINE CROSS SECTIONS: BRAUN ROAD SHEET E



STATE PROJECT NO: 3760-00-70

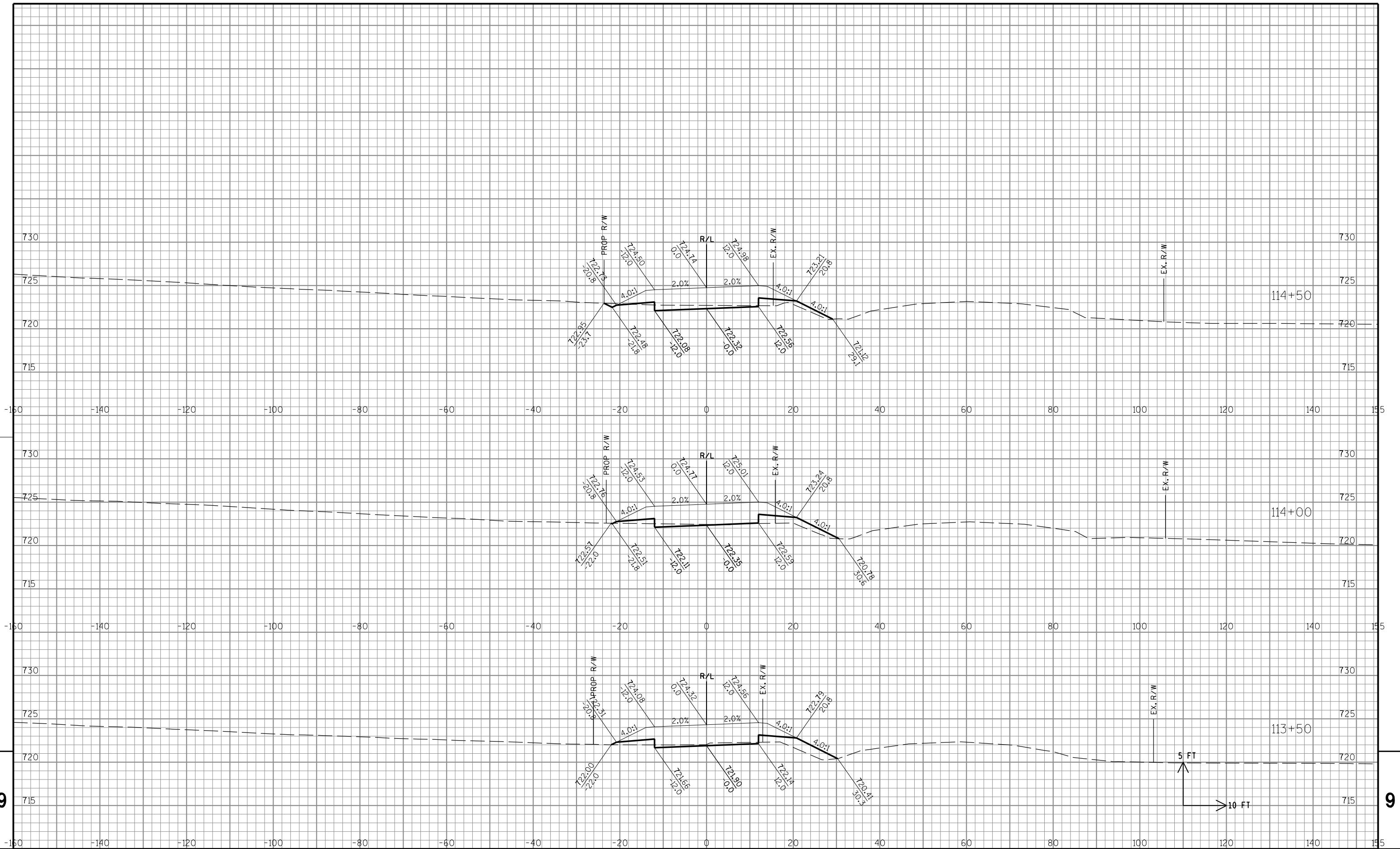
HWY: CTH H

COUNTY: RACINE

CROSS SECTIONS: CTH H STAGE 1

SHEET NO: .

E



STATE PROJECT NO: 3760-00-70

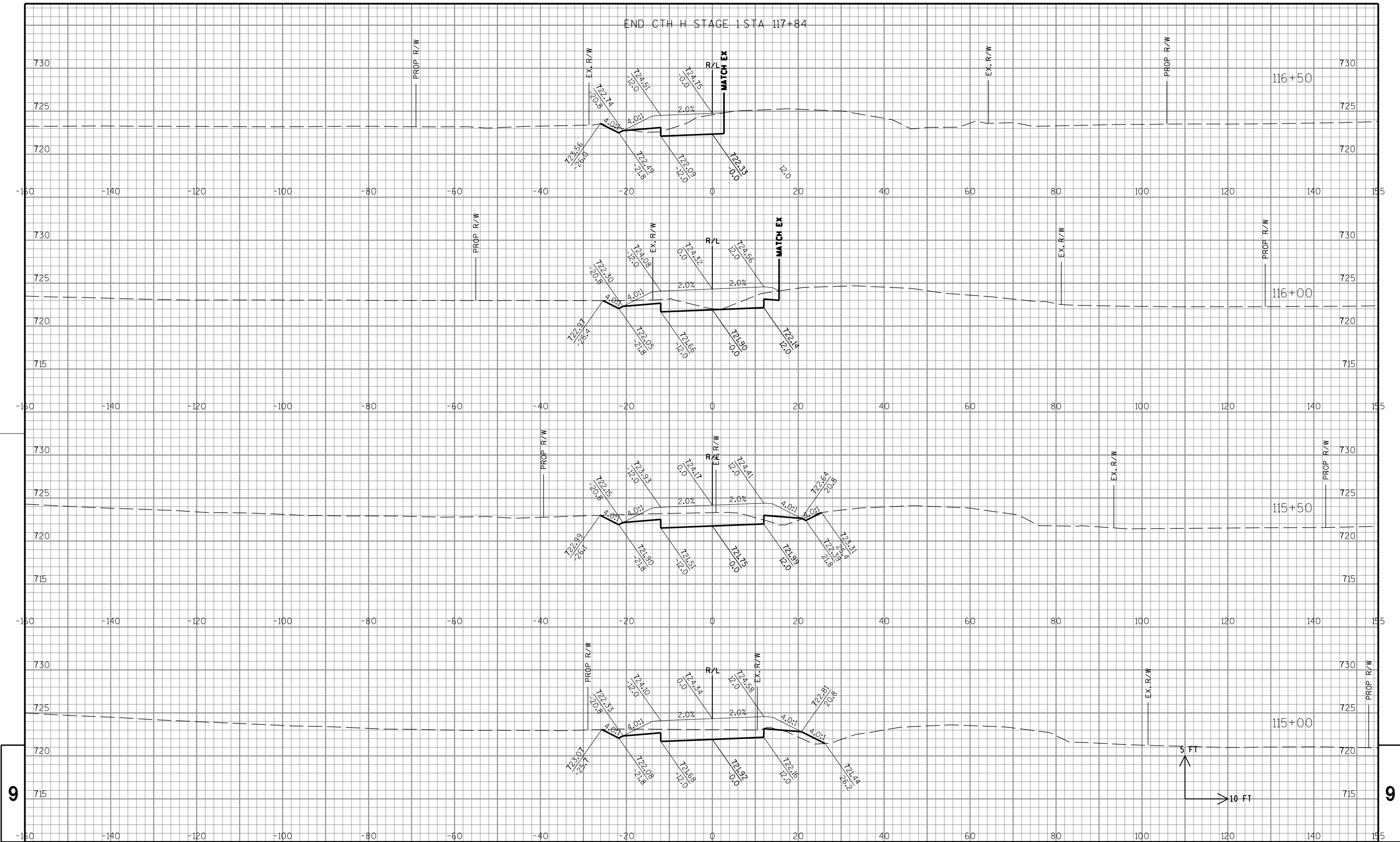
HWY: CTH H

COUNTY: RACINE

CROSS SECTIONS: CTH H STAGE 1

SHEET NO: .

E



STATE PROJECT NO: 3760-00-70

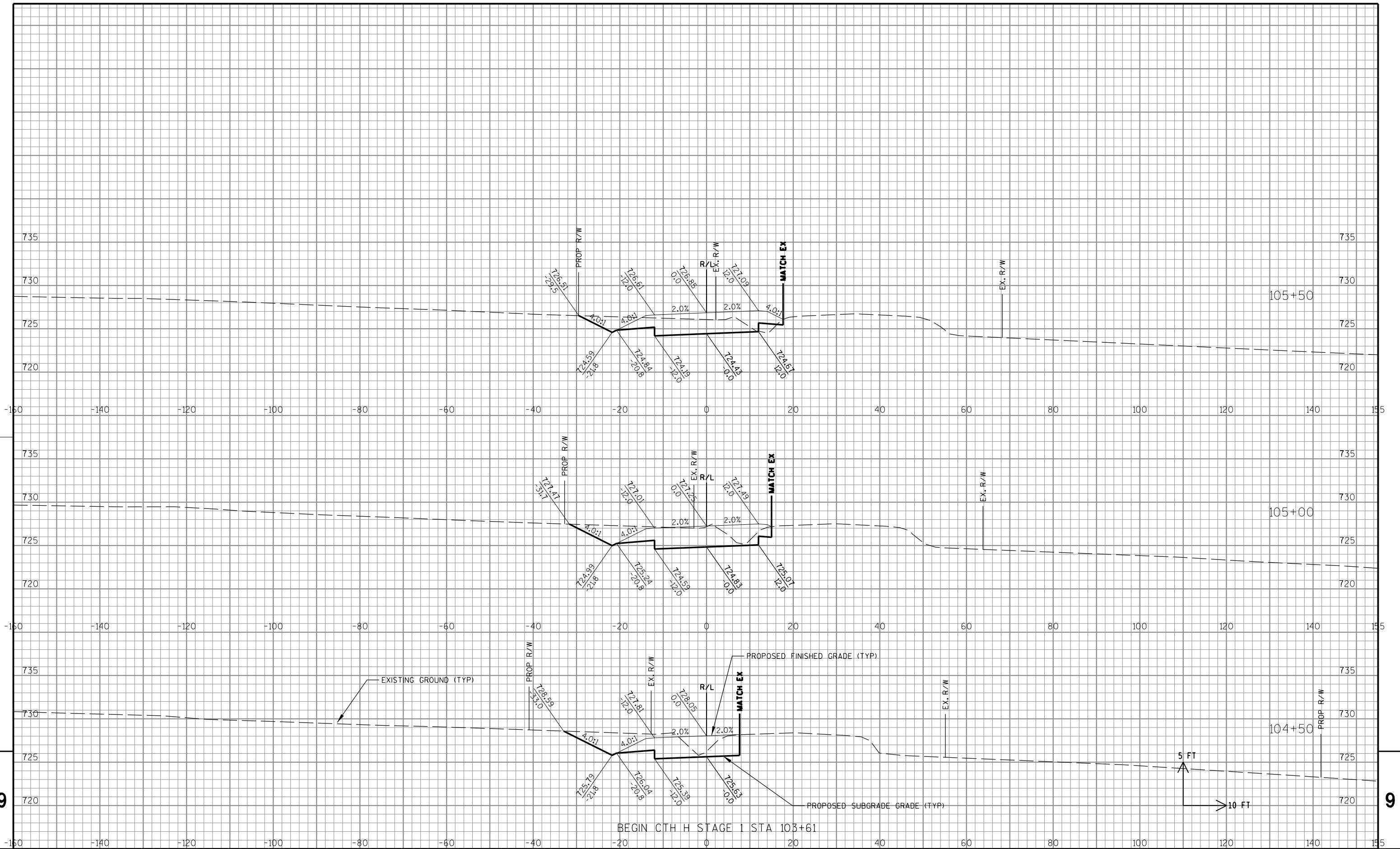
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COUNTY: RACINE

CROSS SECTIONS: CTH H STAGE 1

SHEET NO: .

E



STATE PROJECT NO: 3760-00-70

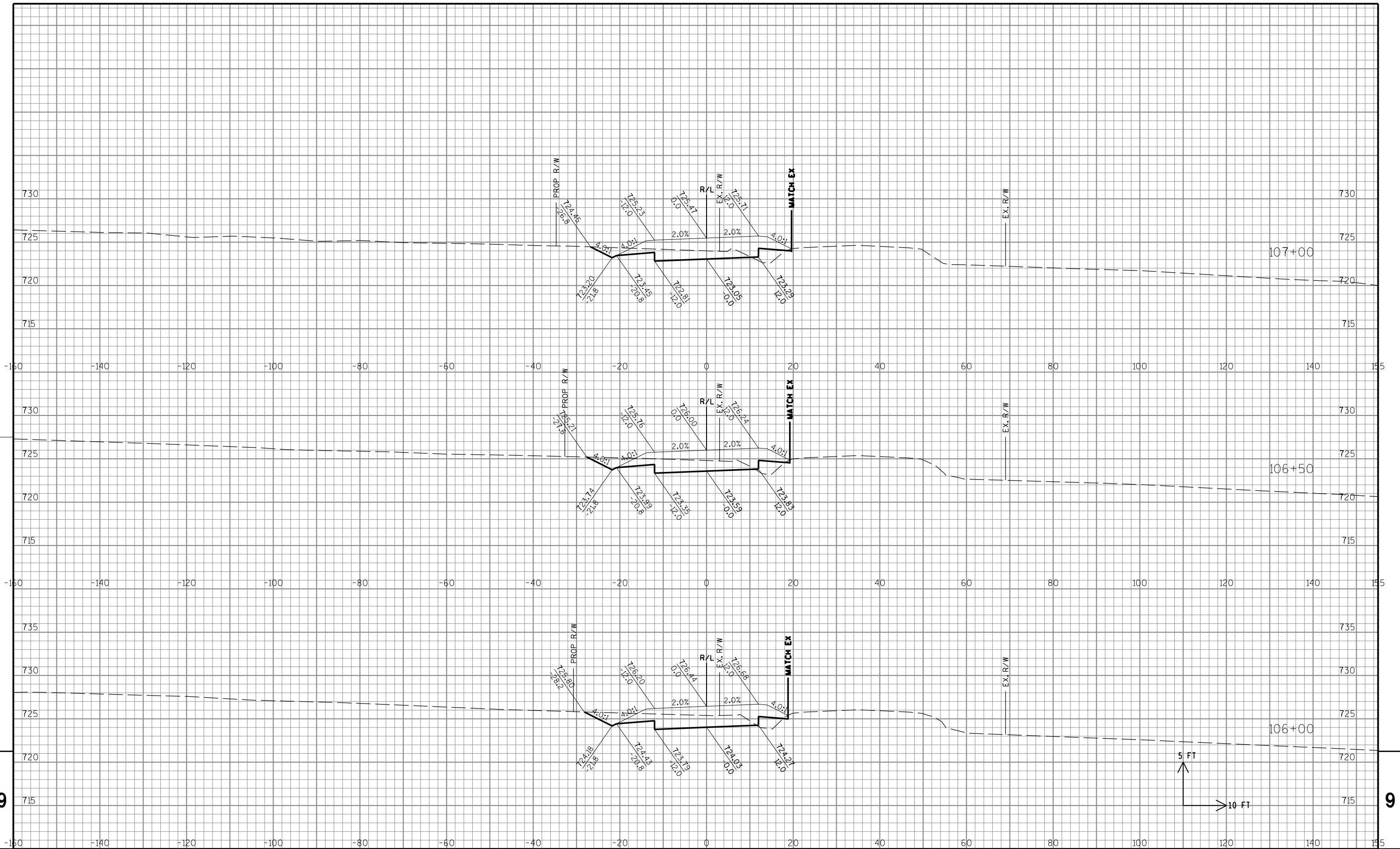
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COUNTY: RACINE

CROSS SECTIONS: CTH H STAGE 1

SHEET NO: .

E



STATE PROJECT NO: 3760-00-70

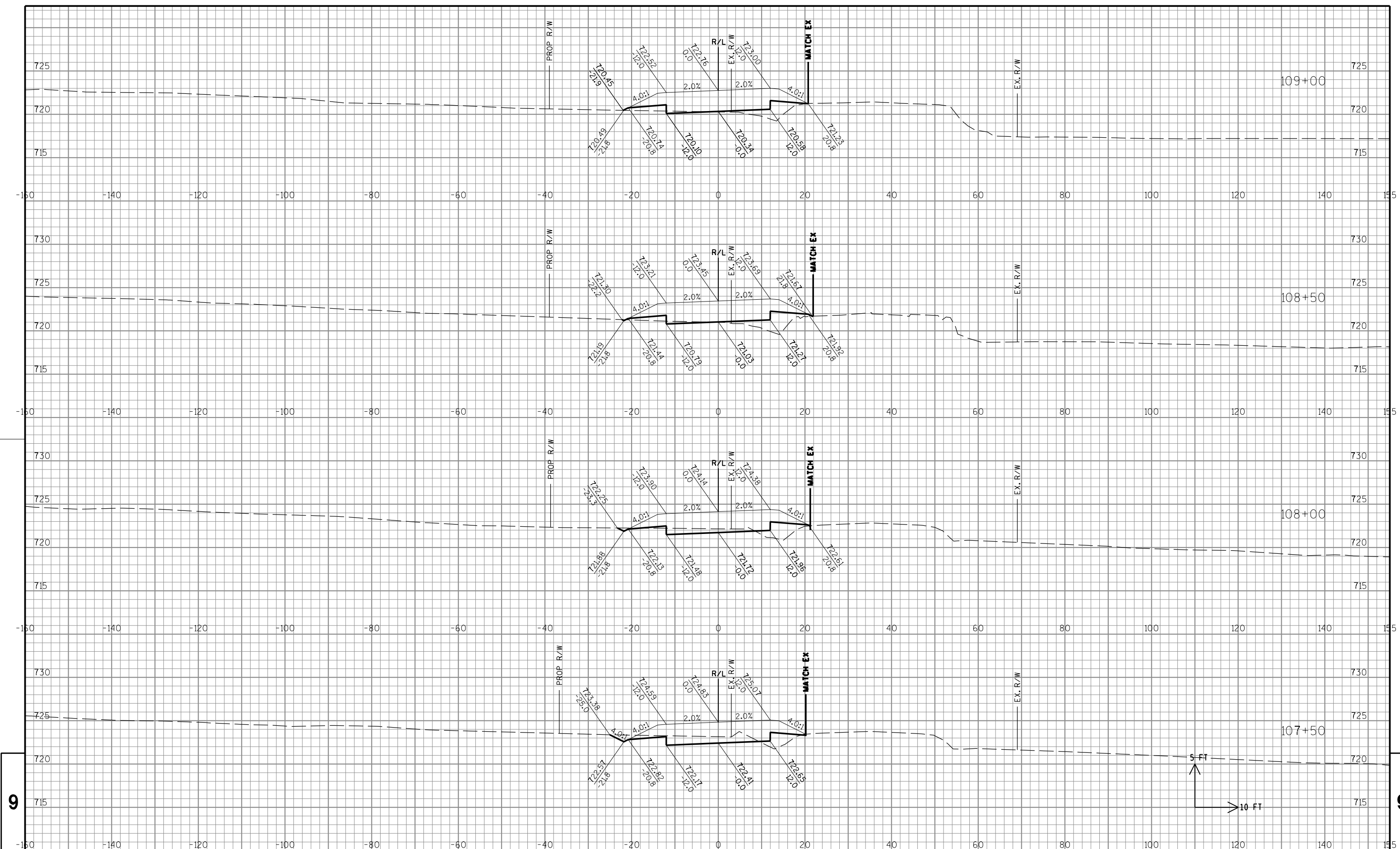
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COUNTY: RACINE

CROSS SECTIONS: CTH H STAGE 1

SHEET NO: .

E



STATE PROJECT NO: 3760-00-70

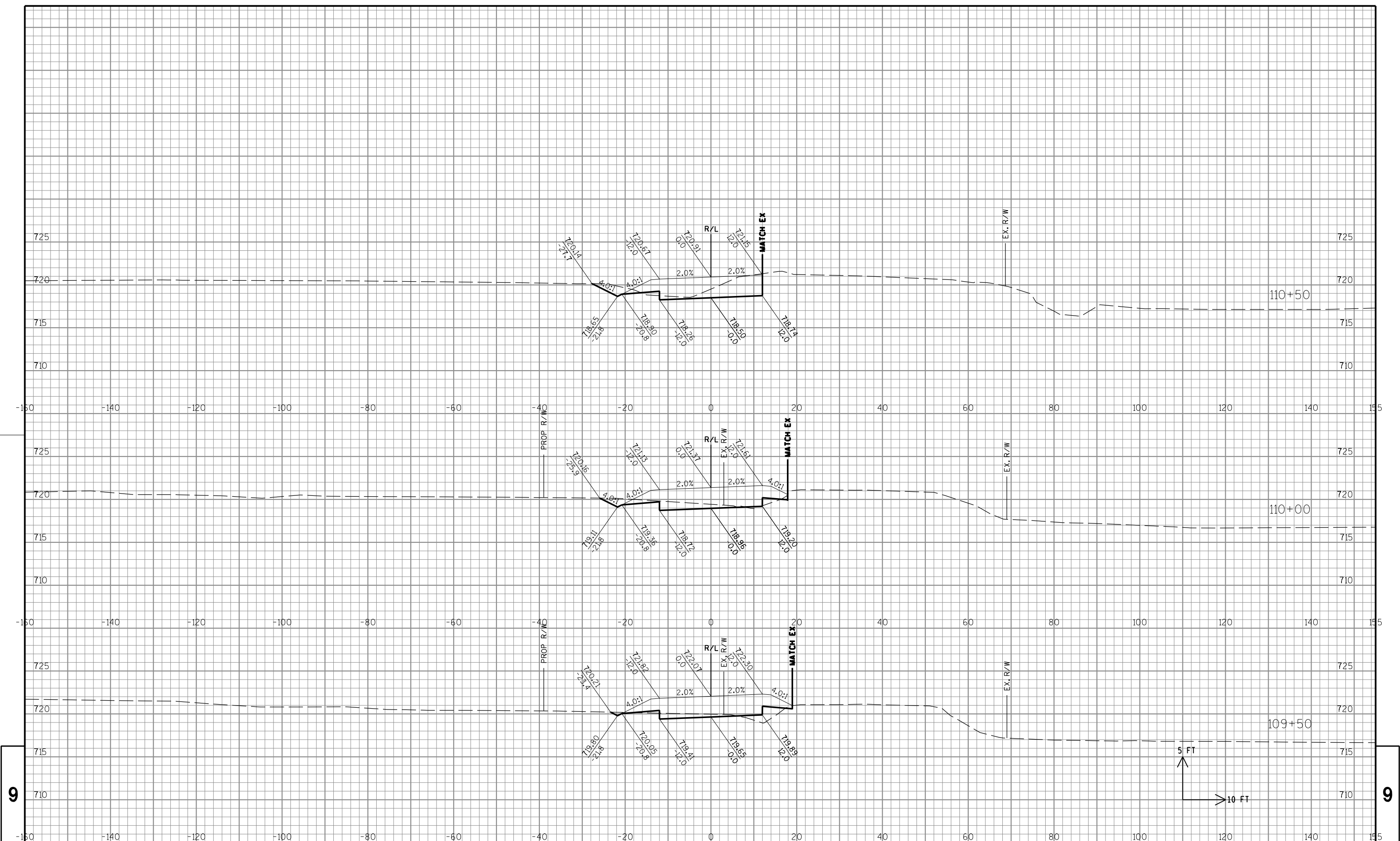
HWY: CTH H

COUNTY: RACINE

CROSS SECTIONS: CTH H STAGE 1

SHEET NO: .

E



STATE PROJECT NO: 3760-00-70

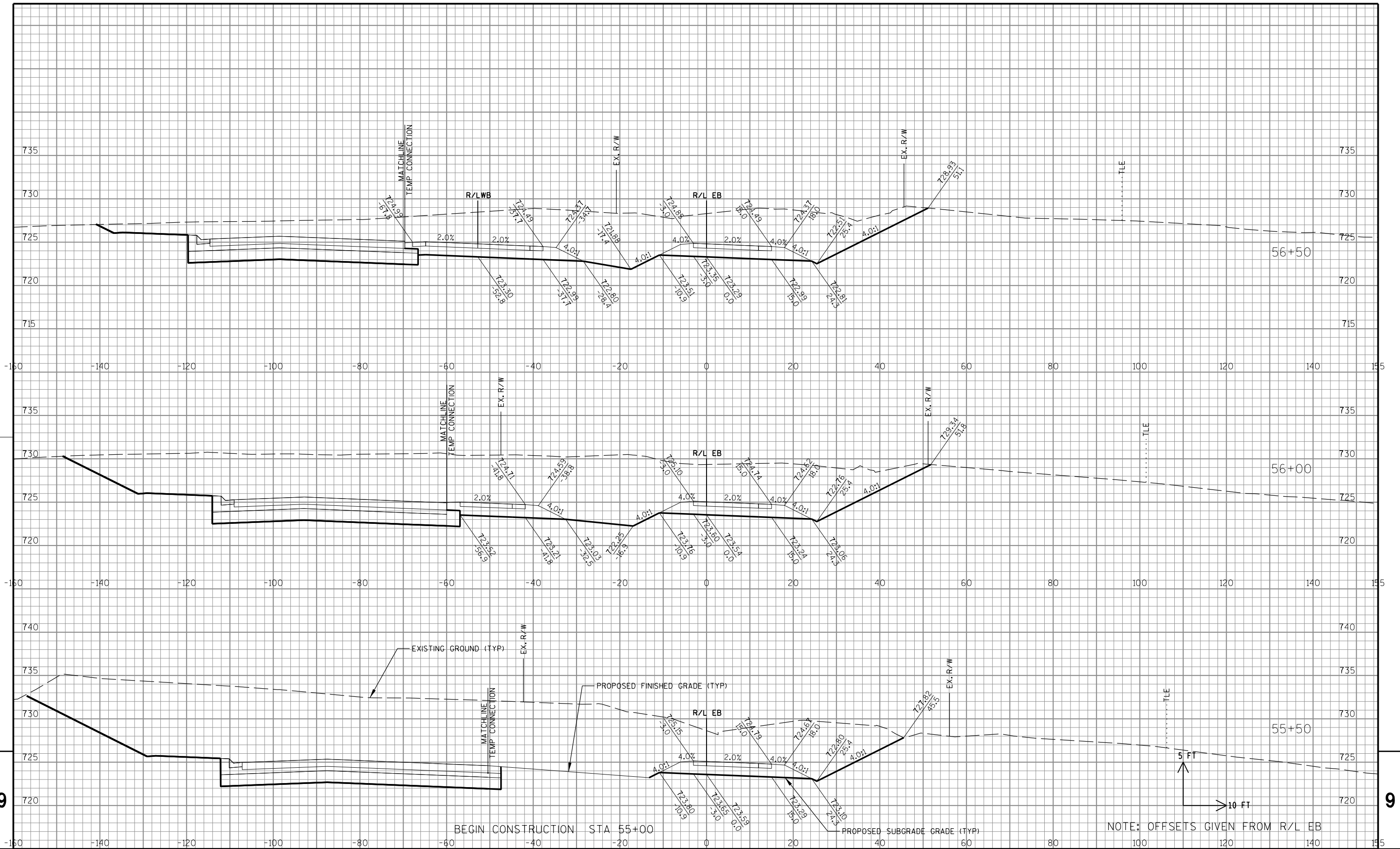
HWY: CTH H

COUNTY: RACINE

CROSS SECTIONS: CTH H STAGE 1

SHEET NO: .

E



STATE PROJECT NO: 3760-00-70

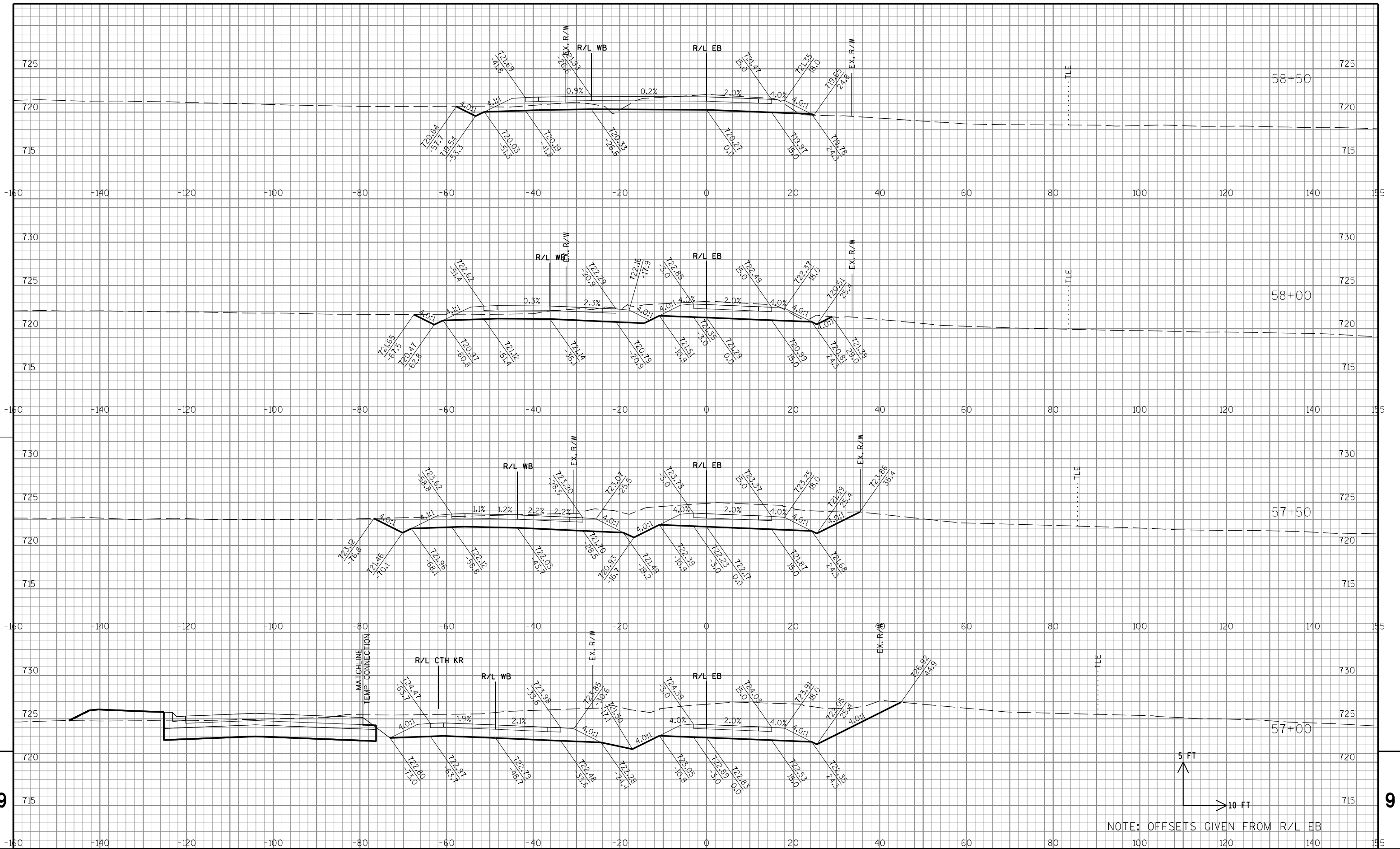
HWY: CTH H

COUNTY: RACINE

CROSS SECTIONS: CTH KR

SHEET NO: .

E



STATE PROJECT NO: 3760-00-70

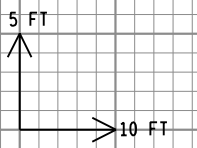
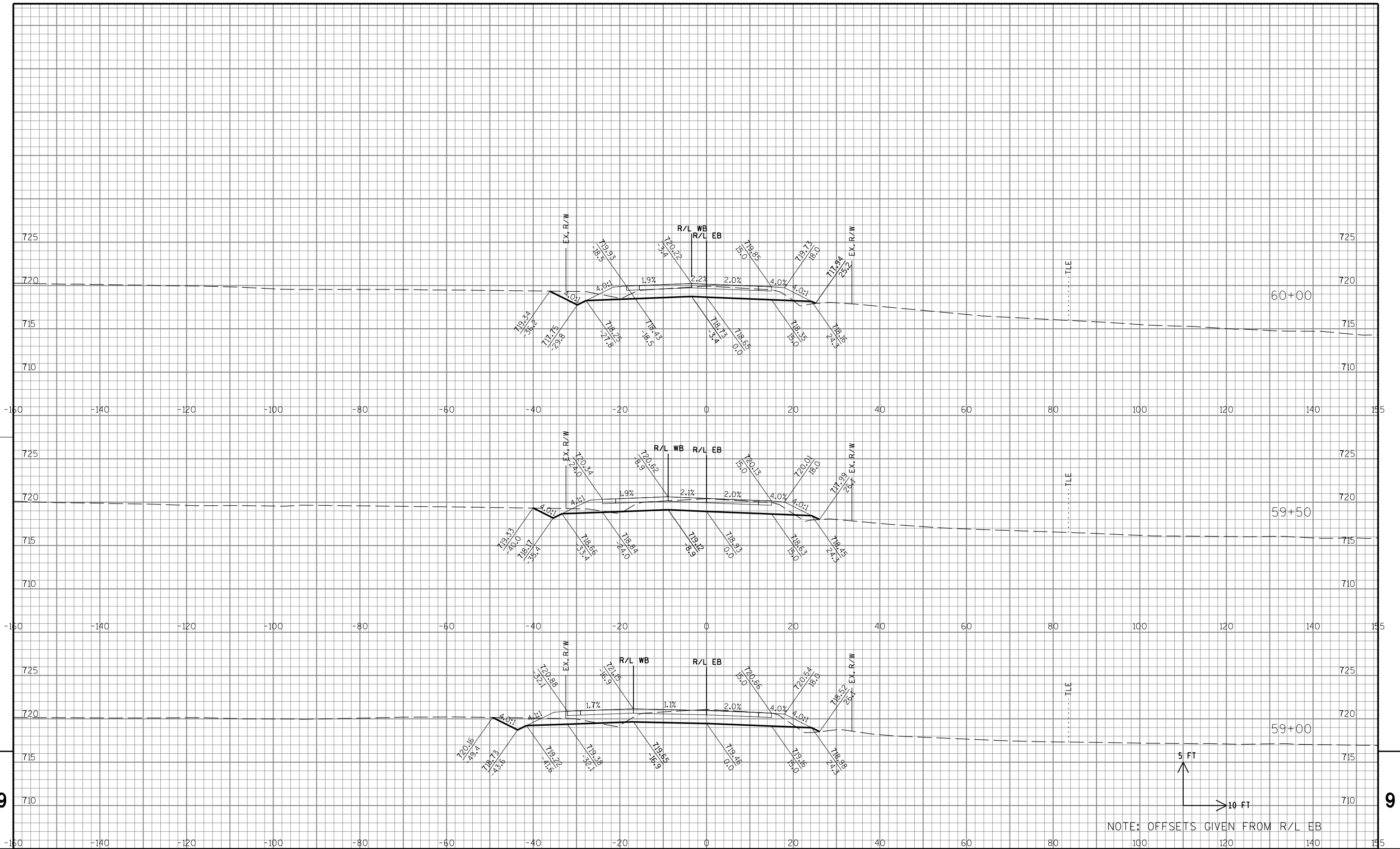
HWY: CTH H

COUNTY: RACINE

CROSS SECTIONS: CTH KR

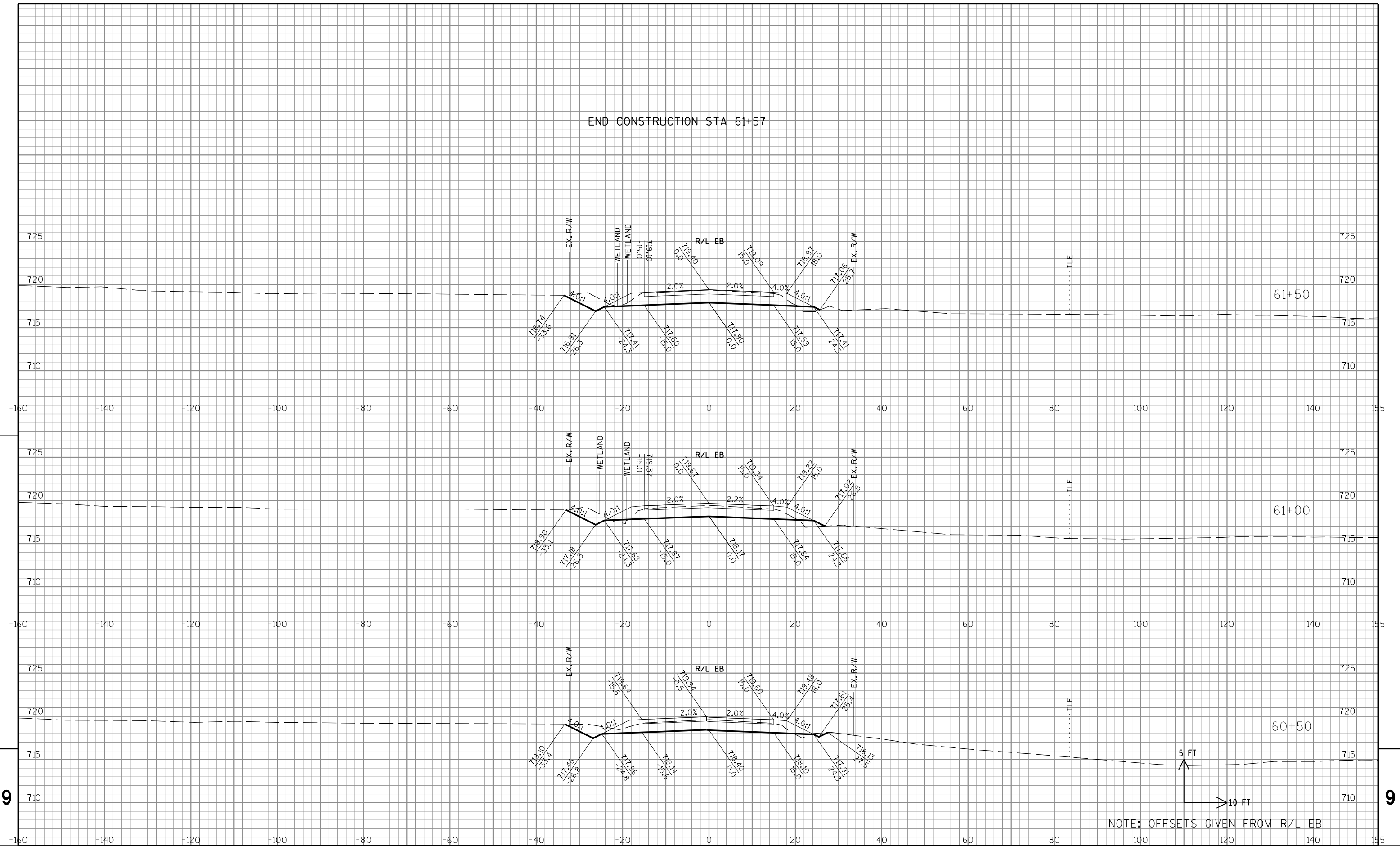
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E



NOTE: OFFSETS GIVEN FROM R/L EB

END CONSTRUCTION STA 61+57



STATE PROJECT NO: 3760-00-70

HWY: CTH H

COUNTY: RACINE

CROSS SECTIONS: CTH KR

SHEET NO: .

E