

PROJECT ID: 5682-00-75
WITH: N/A

COUNTY: IOWA

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.	(2022)	=	185
A.A.D.T.	(2042)	=	275
D.H.V.	(2042)	=	25
D.D.		=	60/40
T.		=	10% (ASSUMED)
DESIGN SPEED		=	40 MPH
ESALS		=	52,000

CONVENTIONAL SYMBOLS

PLAN

CORPORATE LIMITS	
PROPERTY LINE	
LOT LINE	
LIMITED HIGHWAY EASEMENT	
EXISTING RIGHT OF WAY	
PROPOSED OR NEW R/W LINE	
SLOPE INTERCEPT	
REFERENCE LINE	
EXISTING CULVERT	
PROPOSED CULVERT (Box or Pipe)	
COMBUSTIBLE FLUIDS	

MARSH AREA

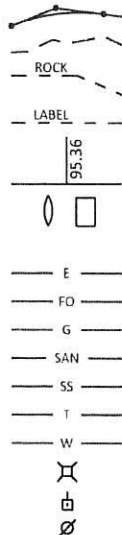


WOODED OR SHRUB AREA



PROFILE

GRADE LINE	
ORIGINAL GROUND	
MARSH OR ROCK PROFILE (To be noted as such)	
SPECIAL DITCH	
GRADE ELEVATION	
CULVERT (Profile View)	
UTILITIES	
ELECTRIC	
FIBER OPTIC	
GAS	
SANITARY SEWER	
STORM SEWER	
TELEPHONE	
WATER	
UTILITY PEDESTAL	
POWER POLE	
TELEPHONE POLE	



STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

CTH Q - CTH I

OTTER CREEK BRIDGE (B-25-0191)

CTH II

IOWA COUNTY

STATE PROJECT NUMBER
5682-00-75

STRUCTURE B-25-0191

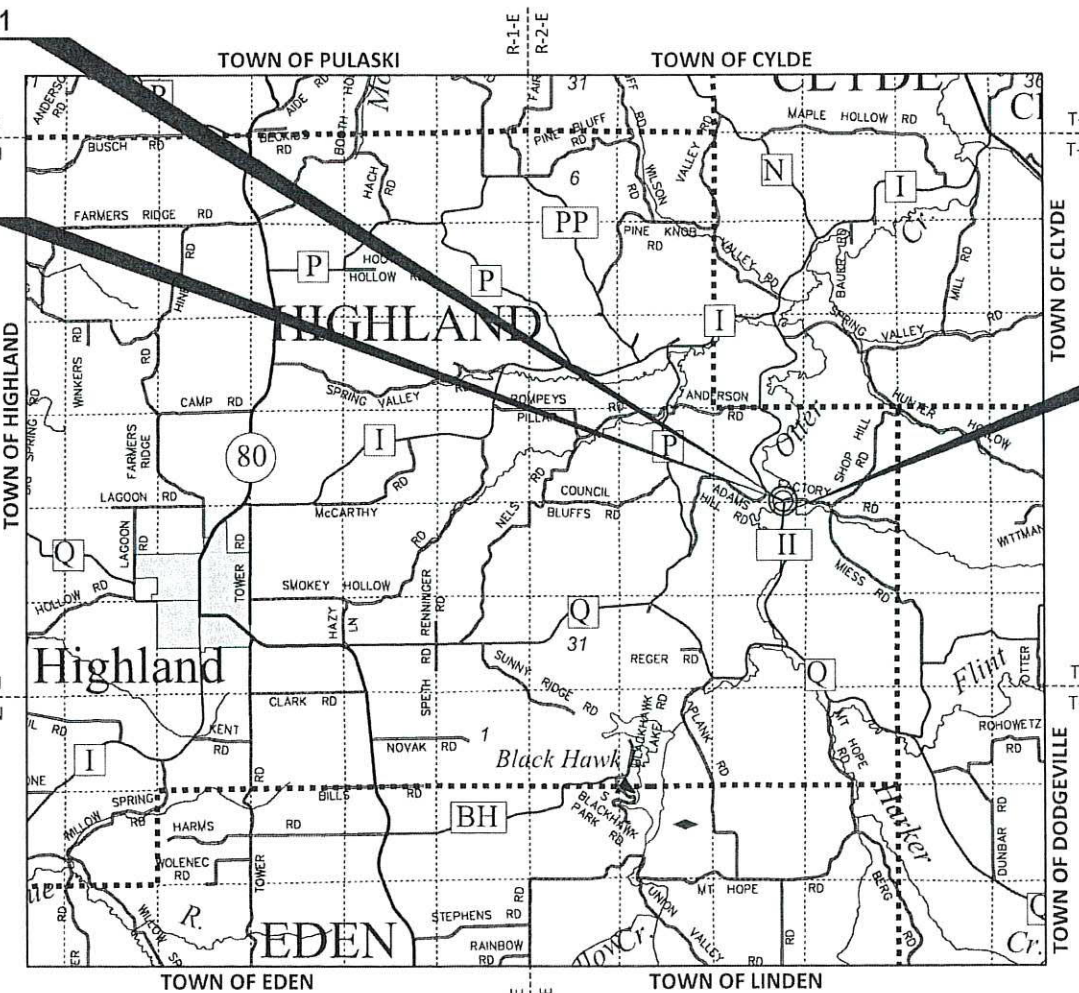
BEGIN PROJECT

STA. 10+00

Y = 190,864.83
X = 345,386.54

END PROJECT

STA. 17+50



LAYOUT
SCALE 0 2 MI

TOTAL NET LENGTH OF CENTERLINE = 0.142

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

ELEVATION SHOWN ON THIS PLAN ARE REFERENCE TO THE NORTH AMERICAN VERTICAL DATUM OF 1988, NAVD (2012).

STATE PROJECT

5682-00-75

FEDERAL PROJECT

PROJECT

CONTRACT

ACCEPTED FOR

COUNTY of IOWA

Melzer
(Date) (Highway Commissioner)

ORIGINAL PLANS PREPARED BY

JEWELL
associates engineers, inc
Engineers - Architects - Surveyors



7/8/21 Angela L Clary

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	JEWELL ASSOCIATES ENGINEERS, INC.
Designer	JEWELL ASSOCIATES ENGINEERS, INC.
Project Manager	ALEIGHA BURG, P.E.
Regional Examiner	SW REGION
Regional Supervisor	OSCAR WINGER, P.E.

APPROVED FOR THE DEPARTMENT

DATE: 7/16/2021 Aleigha Burg, P.E.
(Signature)

E

2

GENERAL NOTES

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

NO TREES OR SHRUBS ARE TO BE REMOVED UNLESS SUCH TREES OR SHRUBS HAVE FIRST BEEN INDICATED FOR REMOVAL BY THE ENGINEER IN THE FIELD.

EXCAVATION BELOW SUBGRADE (EBS) IS NOT USED TO BALANCE YARDAGE, AND IS NOT SHOWN ON THE CROSS SECTIONS BUT IS MEASURED AND PAID FOR AS COMMON EXCAVATION (BY OTHERS). EXACT LOCATIONS OF EBS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

UNLESS SHOWN OTHERWISE, DISTURBED AREAS SHOWN WITHIN THE RIGHT-OF-WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS ARE TO BE FERTILIZED (BY OTHERS), SEEDED (BY OTHERS), AND MULCHED (BY OTHERS) AS DIRECTED BY THE ENGINEER. DO NOT FERTILIZE WETLAND AREAS.

WHEN THE QUANTITY OF THE ITEM OF BREAKER RUN (BY OTHERS), BASE AGGREGATE DENSE (BY OTHERS), OR ASPHALTIC SURFACE (BY OTHERS) IS MEASURED FOR PAYMENT BY THE TON, THE DEPTH OR THICKNESS OF THE COURSE SHOWN ON THE PLANS IS APPROXIMATE, AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF MATERIAL AS DIRECTED BY THE ENGINEER IN THE FIELD.

SILT FENCE (BY OTHERS), TEMPORARY DITCH CHECKS (BY OTHERS), CULVERT PIPE CHECKS (BY OTHERS), AND TURBIDITY BARRIER SHALL BE PLACED AS SHOWN ON THE PLAN OR AS DIRECTED BY THE ENGINEER IN THE FIELD. SILT FENCE (BY OTHERS) AND TURBIDITY BARRIER SHALL BE PLACED PRIOR TO CONSTRUCTION AND SHALL BE IN PLACE PRIOR TO STRUCTURE REMOVAL.

MULCH (BY OTHERS) ALL MAINLINE SLOPES AS DIRECTED BY THE ENGINEER IN THE FIELD.

REMOVAL OF ASPHALTIC SURFACES WHERE AN ABUTTING ASPHALTIC SURFACE IS TO REMAIN IN PLACE SHALL REQUIRE A SAWCUT (BY OTHERS) MEETING THE APPROVAL OF THE ENGINEER IN THE FIELD.

THE LOCATION OF ALL PERMANENT SIGNING (BY OTHERS) SHALL BE VERIFIED BY THE ENGINEER IN THE FIELD PRIOR TO PLACEMENT.

WETLANDS ARE PRESENT IN THE PROJECT LIMITS. THE CONTRACTOR SHALL NOT OPERATE EQUIPMENT OR STOCKPILE MATERIALS BEYOND THE EXISTING STREAMBANK FROM STA. 12+14 - STA. 13+21 AND STA. 13+36 - STA. 13+58.

4-INCHES OF ASPHALTIC SURFACE (BY OTHERS) SHALL BE CONSTRUCTED WITH A 2¼ -INCH LOWER LAYER AND A 1¾-INCH UPPER LAYER.

CURVE DATA IS BASED ON THE ARC DEFINITIONS.

CONTACTS

IOWA COUNTY HIGHWAY DEPARTMENT:

CRAIG HARDY, COMMISSIONER

1215 N. BEQUETTE STREET

DODGEVILLE, WI 53533

PH: (608) 935-3381 EX: 605

EMAIL: craig.hardy@iowacounty.org

DESIGN CONSULTANT:

JEWELL ASSOCIATES ENGINEERS, INC.

560 SUNRISE DRIVE

SPRING GREEN, WI 53588

ATTN: ANGIE CLARY, P.E.

PH: (608) 459-6061

CELL: (608) 574-3333

EMAIL: angie.clary@jewellassoc.com

WDNR LIAISON:

WISCONSIN DEPT. OF NATURAL RESOURCES

3911 FISH HATCHERY ROAD

MADISON, WI 53711

ATTN: ANDY BARTA

PH: (608) 235-2955

EMAIL: andrew.barta@wisconsin.gov

UTILITIES

ELECTRICITY

ALLIANT ENERGY

ATTN: JOSH LOBENSTEIN

520 COMMERCE AVENUE

BARABOO, WI 53913

PHONE: (608) 356-0671

CELL: (608) 963-5519

EMAIL: joshualobenstein@alliant energy.com

TELEPHONE

FRONTIER COMMUNICATIONS

ATTN: JERRY MOORE

2222 W WISCONSIN STREET

PORTAGE, WI 53901

PHONE: (608) 742-9507

EMAIL: jerald.moore@ftr.com

LIST OF STANDARD ABBREVIATIONS

ABUT	Abutment	INV	Invert	RDWY	Roadway
AC	Acre	IP	Iron Pipe or Pin	SALV	Salvaged
AGG	Aggregate	IRS	Iron Rod Set	SAN S	Sanitary Sewer
AH	Ahead	JT	Joint	SEC	Section
<	Angle	JCT	Junction	SHLDR	Shoulder
ASPH	Asphaltic	LHF	Left-Hand Forward	SHR	Shrinkage
AVG	Average	L	Length of Curve	SW	Sidewalk
ADT	Average Daily Traffic	LIN FT	Linear Foot	S	South
BAD	Base Aggregate Dense	or LF		SQ	Square
BK	Back	LC	Long Chord of Curve	SF or SQ FT	Square Feet
BF	Back Face	MH	Manhole	SV or SQ YD	Square Yard
BM	Bench Mark	MB	Mailbox	STD	Standard
BR	Bridge	ML or M/L	Match Line	SDD	Standard Detail Drawings
C or C/L	Center Line	N	North	STH	State Trunk Highways
CC	Center to Center	Y	North Grid Coordinate	STA	Station
C.E.	Commercial Entrance	OD	Outside Diameter	SS	Storm Sewer
CTH	County Trunk Highway	PLE	Permanent Limited Easement	SG	Subgrade
CR	Creek	PT	Point	SE	Superelevation
CR	Crushed	PC	Point of Curvature	SL or S/L	Survey Line
CY or CU YD	Cubic Yard	PI	Point of Intersection	SV	Septic Vent
CP	Culvert Pipe	PRC	Point of Reverse Curvature	T	Tangent
C & G	Curb and Gutter			TEL	Telephone
D	Degree of Curve	PT	Point of Tangency	TEMP	Temporary
DHV	Design Hour Volume	POC	Point On Curve	TI	Temporary Interest
DIA	Diameter	POT	Point on Tangent	TLE	Temporary Limited Easement
E	East	PVC	Polyvinyl Chloride		Ton
X	East Grid Coordinate	PCC	Portland Cement Concrete	t	Town
ELEC	Electric (al)	LB	Pound	T or TN	Transition
EL or ELEV	Elevation	PSI	Pounds Per Square Inch	TRANS	Transit Line
ESALS	Equivalent Single Axle Loads	P.E.	Private Entrance	TL or T/L	Trucks (percent of)
EBS	Excavation Below Subgrade	R	Radius	T	Typical
FF	Face to Face	RR	Railroad	TYP	Unclassified
F.E.	Field Entrance	R	Range	UNCL	Underground Cable
F	Fill	RL or R/L	Reference Line	UG	United States Highway
FG	Finished Grade	RP	Reference Point	USH	Variable
FL or F/L	Flow Line	RCCP	Reinforced Concrete Culvert Pipe	VAR	Velocity or Design Speed
FT	Foot			V	Vertical
FTG	Footing	REQD	Required	VERT	Vertical Curve
GN	Grid North	RES	Residence or Residential	VC	Volume
HT	Height	RW	Retaining Wall	VOL	Water Main
CWT	Hundredweight	RT	Right	WM	Water Valve
HYD	Hydrant	RHF	Right-Hand Forward	WV	West
INL	Inlet	R/W	Right-of-Way	W	Westbound
ID	Inside Diameter	RD	Road	WB	Yard
		R	River	YD	

ORDER OF SECTION 2 SHEETS:

- WRITTEN MATERIAL

- PROJECT OVERVIEW

- TYPICAL SECTIONS

- CONSTRUCTION DETAILS (INCLUDES EROSION CONTROL PLAN)

- INTERSECTION DETAIL

- EROSION CONTROL

- TRAFFIC CONTROL

- ALIGNMENT PLAN/PERMANENT SIGNING

DIGGERSHOTLINE

Dial 811 or (800) 242-8511

www.DiggersHotline.com

PROJECT NO: 5682-00-75

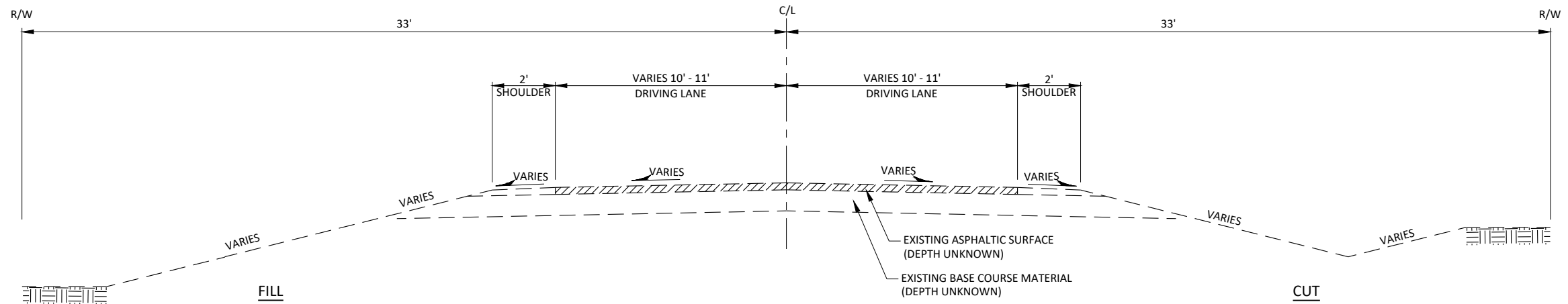
HWY: CTH II

COUNTY: IOWA

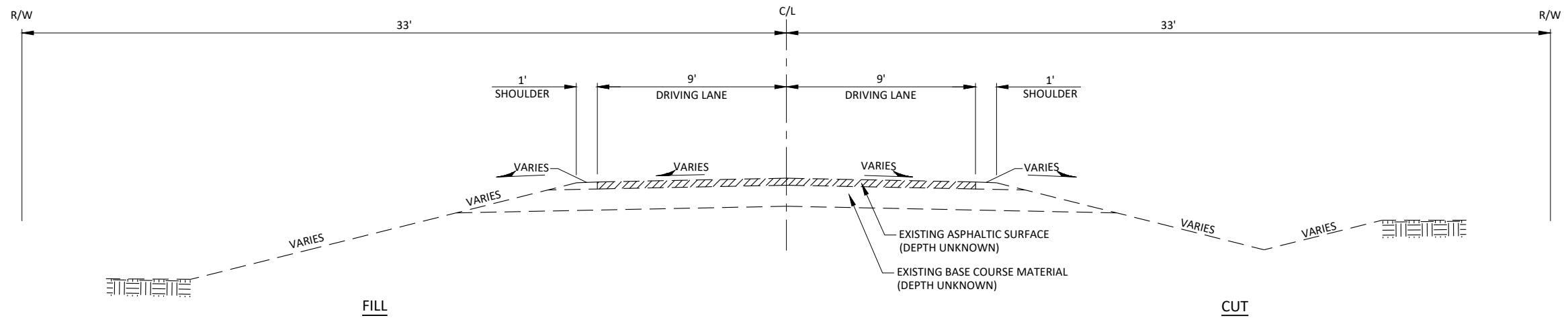
GENERAL NOTES, UTILITIES, CONTACTS, & ABBREVIATIONS

SHEET

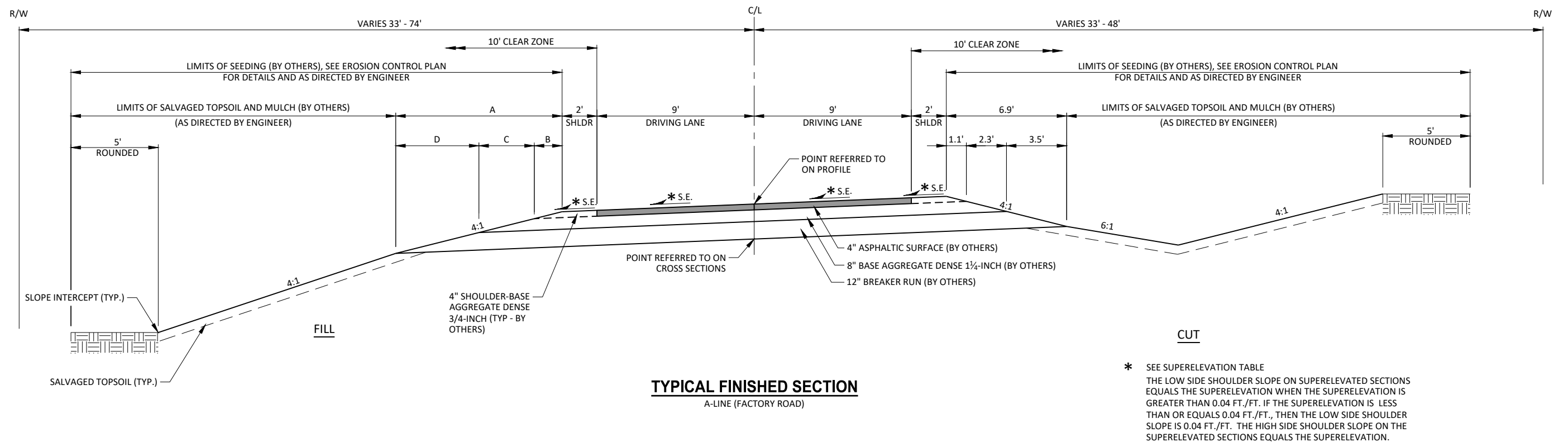
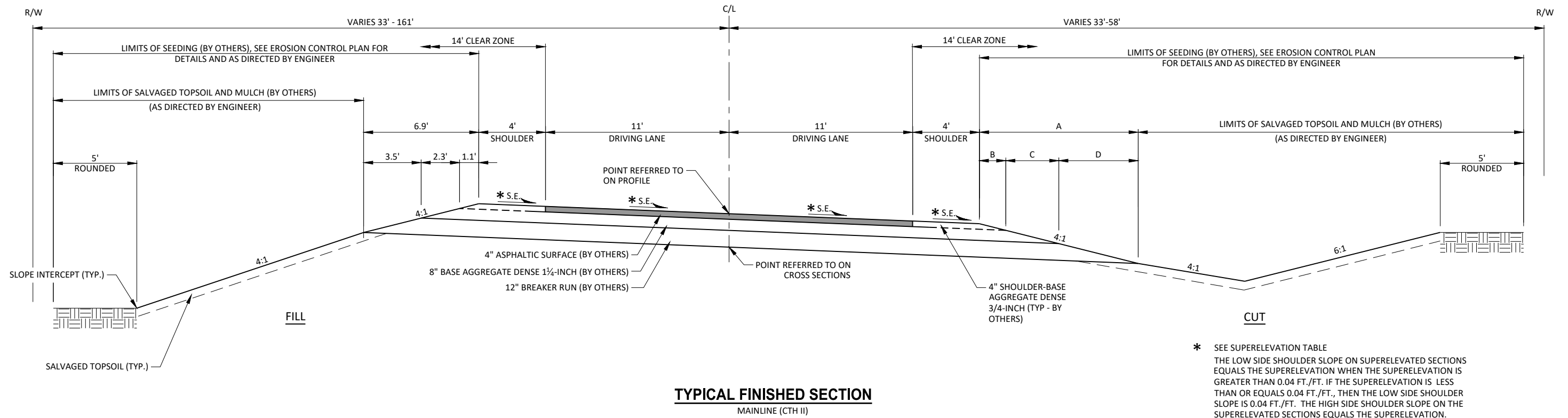
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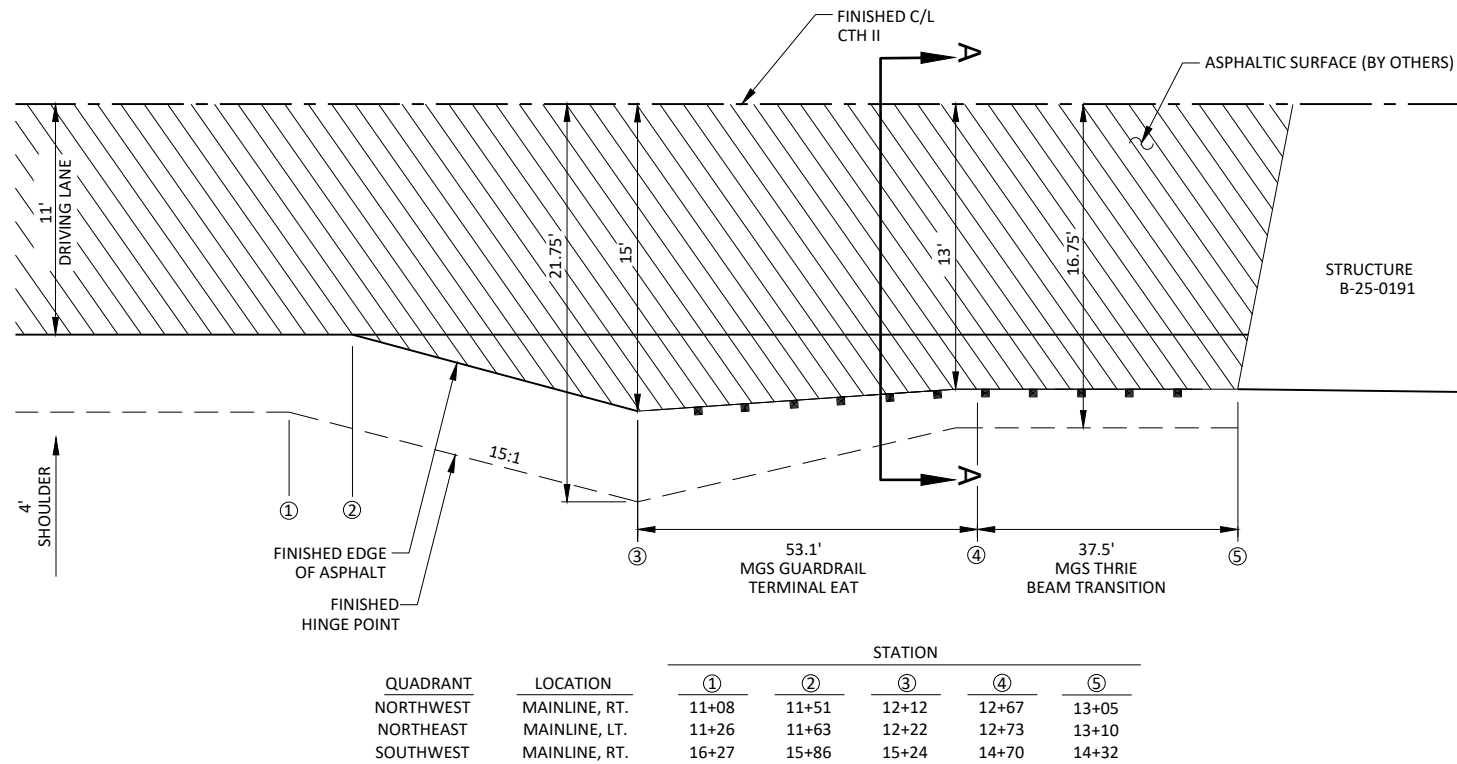


TYPICAL EXISTING SECTION
MAINLINE (CTH II)

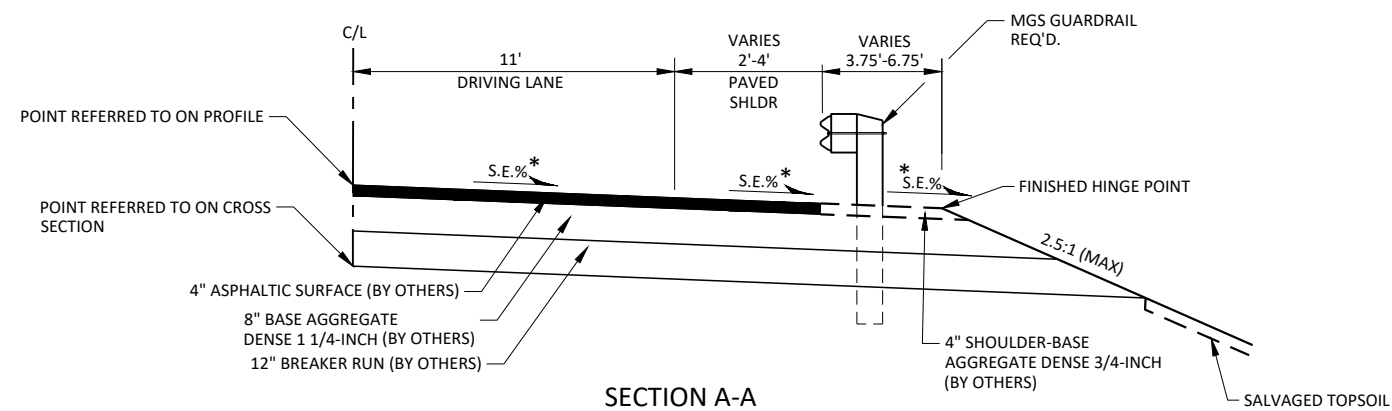


TYPICAL EXISTING SECTION
A-LINE (FACTORY ROAD)



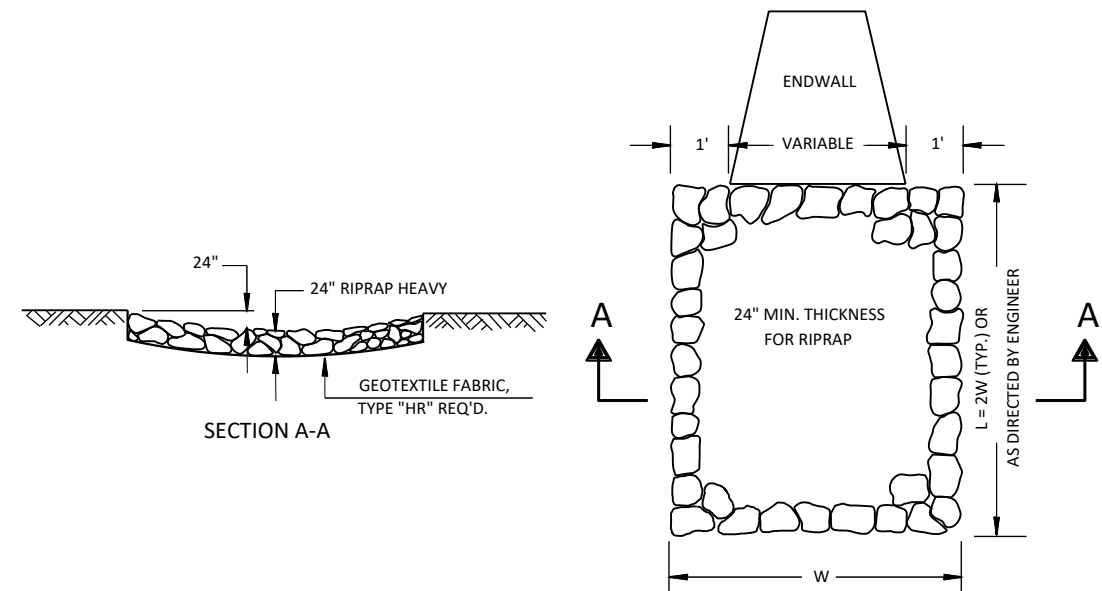


BEAMGUARD LAYOUT DETAIL



SECTION A-A

* SEE SUPERELEVATION TABLE



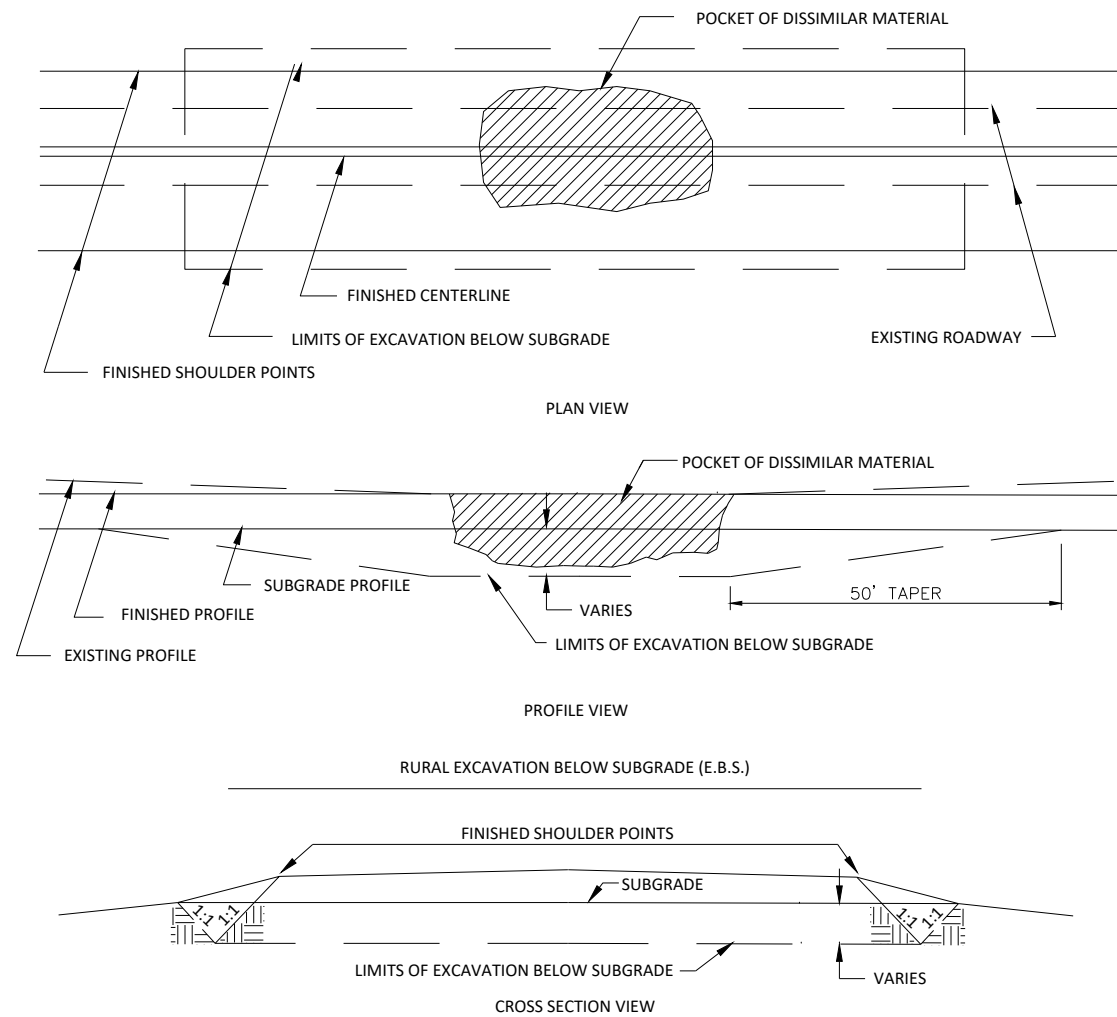
RIPRAP HEAVY TREATMENT AT CULVERTS

SUPERELEVATION MAINLINE - CTH II

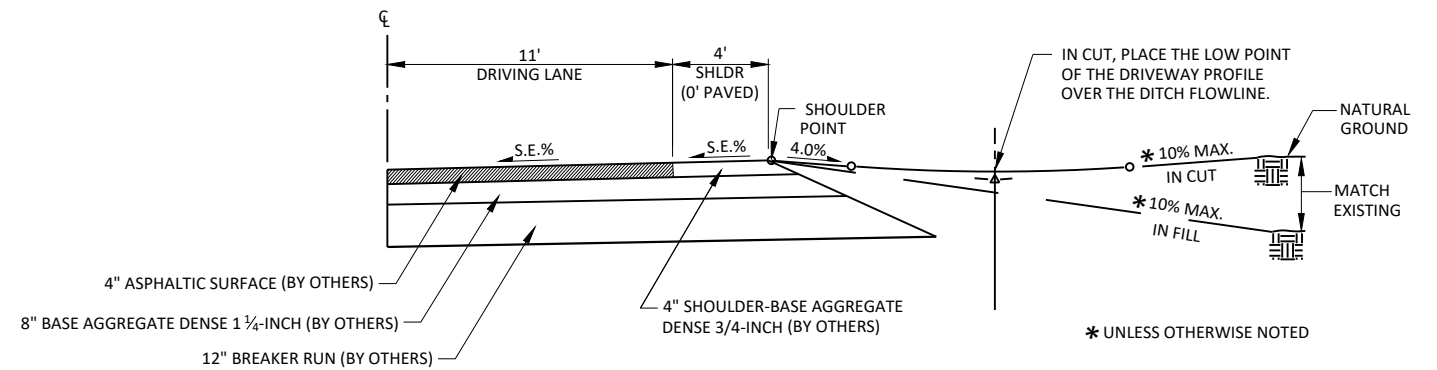
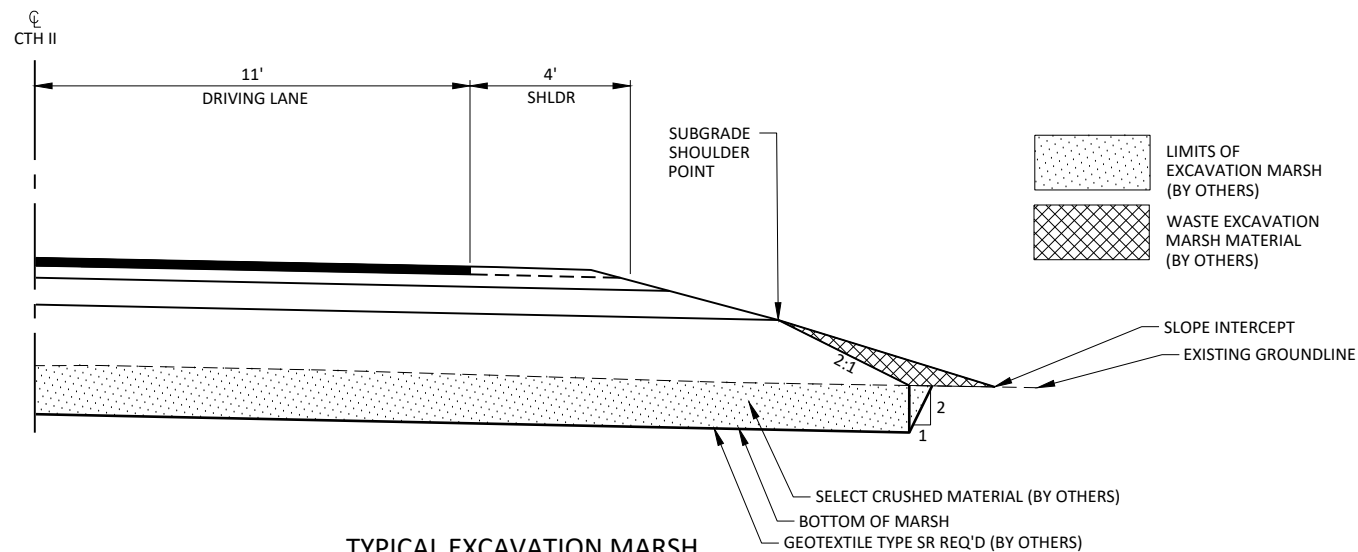
STATION	LEFT(%)	RIGHT(%)	A (FT)	B (FT)	C (FT)	D (FT)
10+00	MATCH EXISTING	MATCH EXISTING	--	--	--	--
10+50	0.4	2.8	8.8	1.3	3.0	4.5
11+00	2.8	3.6	9.3	1.5	3.2	4.6
11+25 (FULL S.E.)	4.0	4.0	9.5	1.6	3.1	4.8
FULL SUPERELEVATION						
16+25 (FULL S.E.)	4.0	4.0	9.5	1.6	3.1	4.8
16+27	3.9	3.9	9.6	1.6	3.2	4.8
16+50	2.8	2.8	8.8	1.3	3.0	4.5
17+00	0.4	2.0	8.3	1.1	2.9	4.3
17+50	MATCH EXISTING	MATCH EXISTING	--	--	--	--

SUPERELEVATION SIDEROAD - FACTORY ROAD

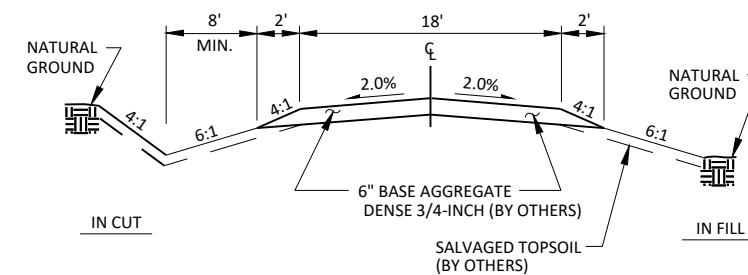
STATION	LEFT(%)	RIGHT(%)	A (FT)	B (FT)	C (FT)	D (FT)
50'A'+16 (MATCH MAINLINE PROFILE)	0.26	0.26	--	--	--	--
50'A'+47	1.0	1.0	8.6	1.1	3.0	4.5
50'A'+50	1.0	1.0	--	--	--	--
51'A'+00	2.0	2.0	8.4	1.1	2.9	4.4
51'A'+50	0.9	0.9	8.0	1.0	2.8	4.2
51'A'+92.77 (MID PT. BETWEEN CURVES)	0.0	0.0	--	--	--	--
52'A'+00	0.2	0.2	7.7	1.0	2.7	4.0
52'A'+50	1.4	1.4	8.2	1.2	2.8	4.2
53'A'+00	2.7	2.7	8.9	1.4	3.0	4.5
53'A'+14 (CURVE 4 MID PT., FULL S.E.)	3.0	3.0	9.0	1.4	3.0	4.6
53'A'+50	1.1	2.0	8.6	1.3	2.9	4.4
54'A'+00	1.6	2.0	8.6	1.3	2.9	4.4
54'A'+08	MATCH EXISTING	MATCH EXISTING	--	--	--	--



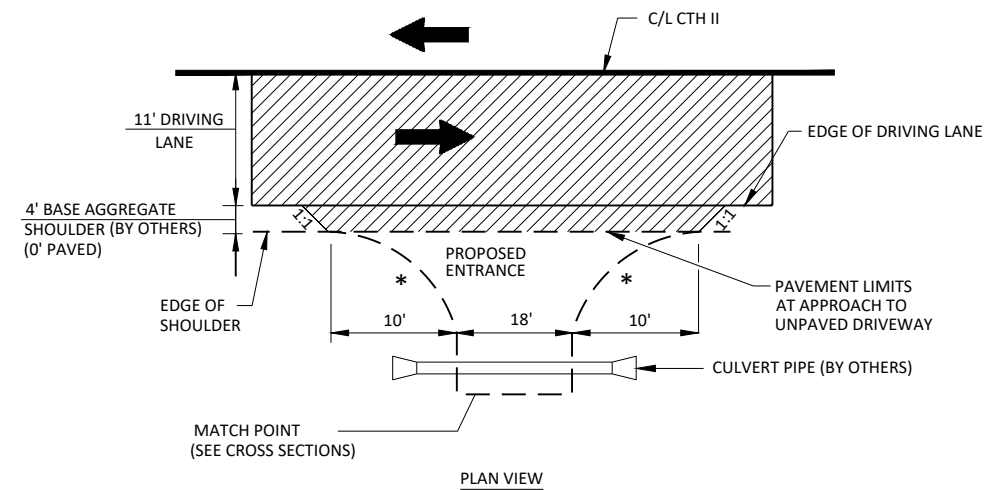
1. EXACT LOCATION OF E.B.S. (EXCAVATION BELOW SUBGRADE) SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.
2. E.B.S. AREA TO BE BACKFILLED WITH MATERIAL ACCEPTABLE TO THE ENGINEER. BACKFILL MUST BE HOMOGENEOUS WITH ADJOINING FILL MATERIAL.
3. THE FILL SECTION WITHIN 100' OF THE MOUTH OF THE CUT MUST BE KEPT 2' BELOW SUBGRADE UNTIL E.B.S. IS COMPLETED. LATERAL LIMITS OF EXCAVATION SHALL BE THE SUBGRADE SHOULDER POINTS.



TYPICAL F.E. PROFILE



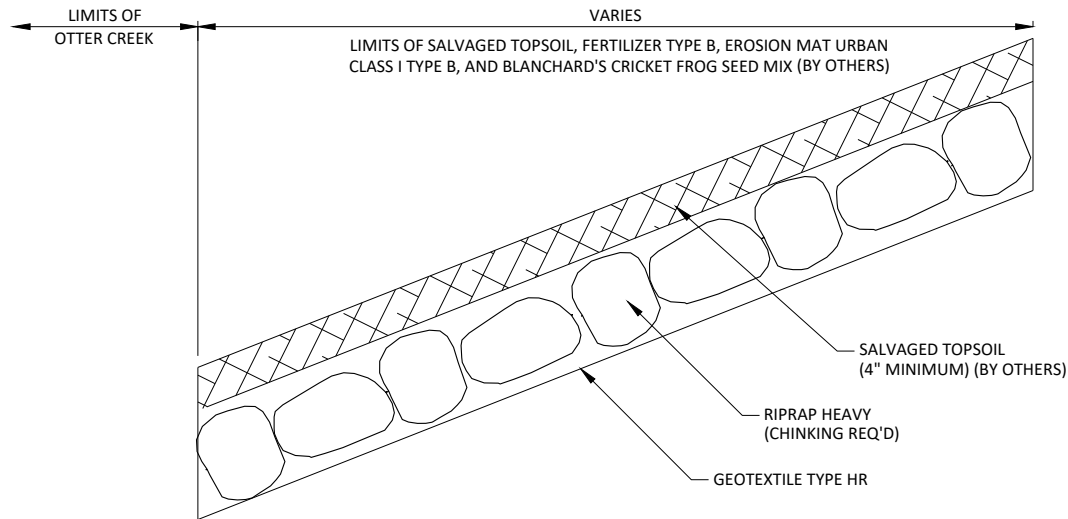
TYPICAL CROSS-SECTION FOR F.E.



APPROACH AT F.E.

TYPICAL FIELD ENTERANCE (F.E.) DETAILS

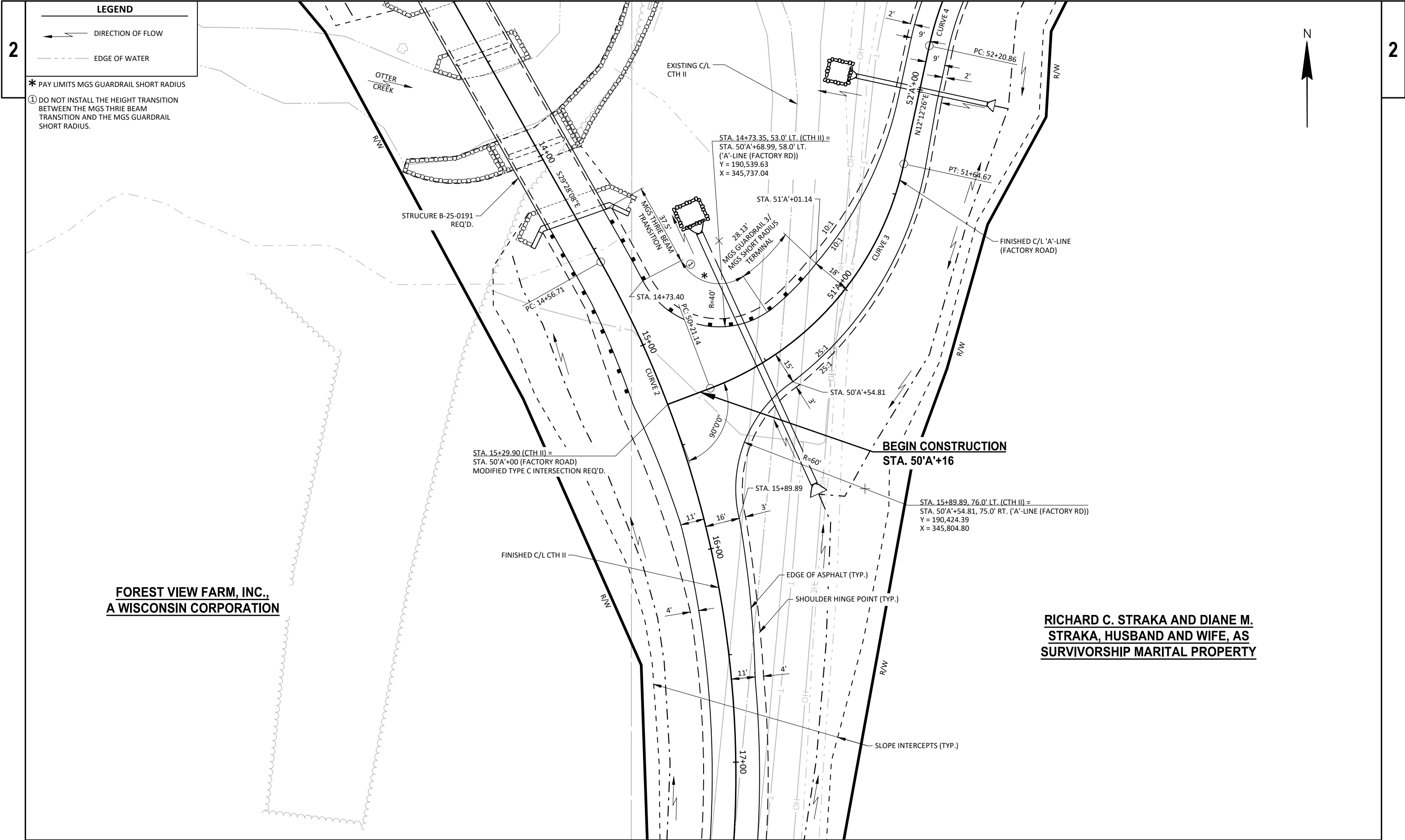
- LIMITS OF ASPHALTIC SURFACE (BY OTHERS)
- * RADIUS = 10'

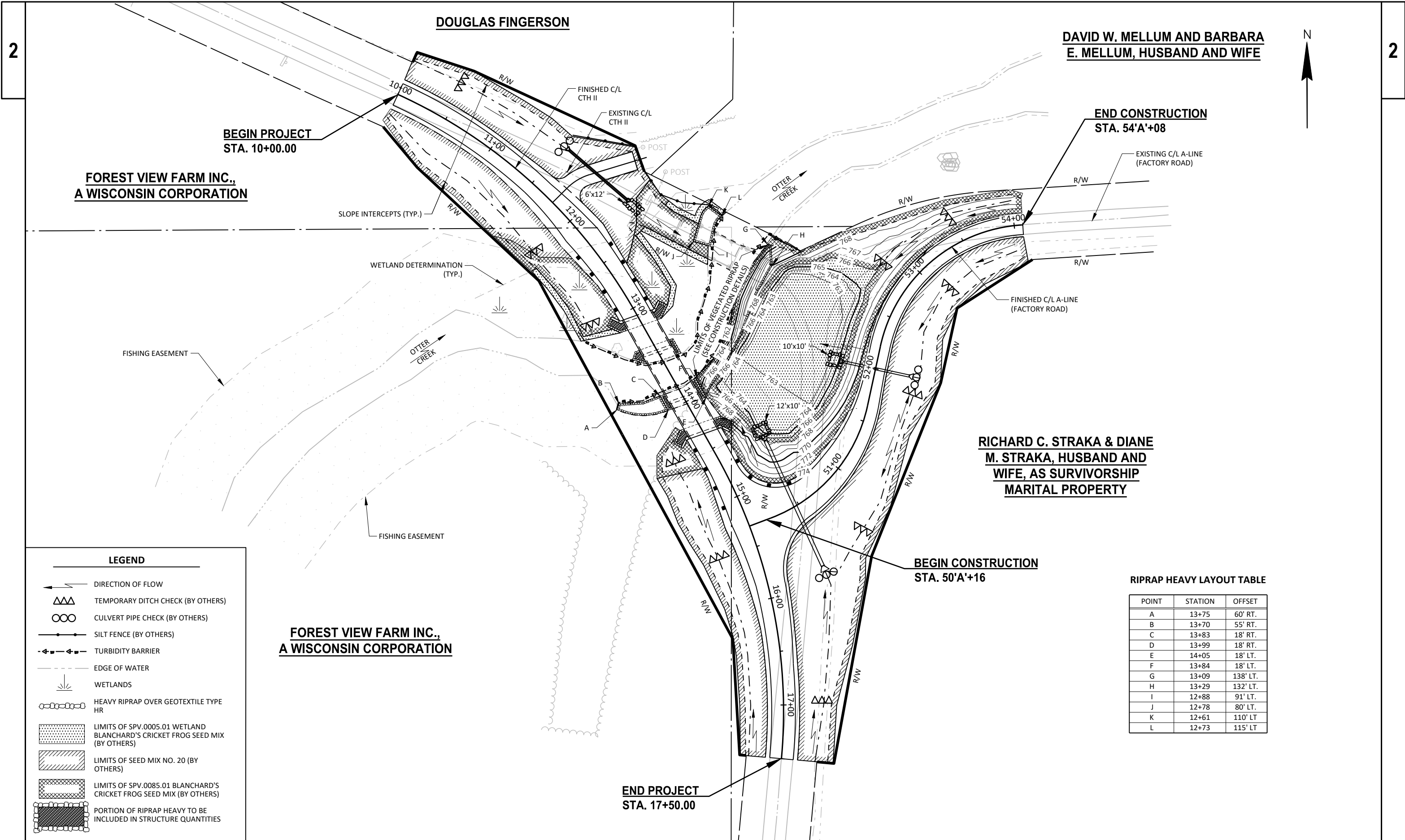


VEGETATED RIPRAP DETAIL
(STA. 50'A'+04, 140' LT. - 52'A'+54, -125' LT.)

	HYDROLOGIC SOIL GROUP															
	A			B			C			D						
	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)						
LAND USE	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER				
ROW CROPS	.08	.22	.16	.22	.12	.20	.27	.15	.24	.37	.33	.19	.28	.41	.38	.56
MEDIAN STRIP TURF	.19	.20	.24	.19	.22	.26	.20	.23	.30	.20	.27	.25	.32		.30	.40
SIDE SLOPE TURF			.25			.27			.28						.30	.38
PAVEMENT																
ASPHALT						.70 - .95										
CONCRETE						.80 - .95										
BRICK						.70 - .80										
DRIVES, WALKS						.75 - .85										
ROOFS						.75 - .95										
GRAVEL ROADS, SHOULDERS						.40 - .60										

TOTAL PROJECT AREA= 3.46 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 2.69 ACRES



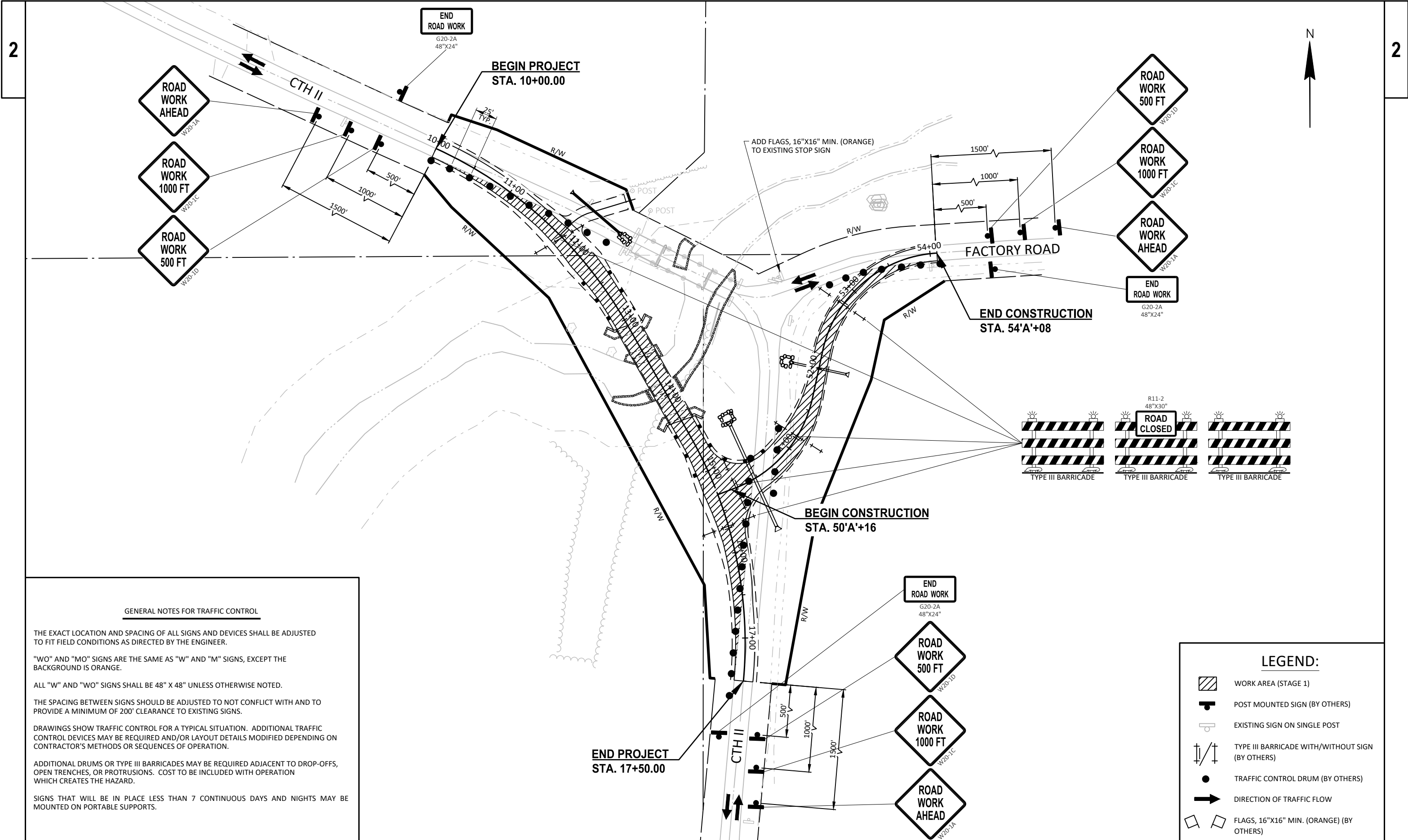


LEGEND

- DIRECTION OF FLOW
- TEMPORARY DITCH CHECK (BY OTHERS)
- CULVERT PIPE CHECK (BY OTHERS)
- SILT FENCE (BY OTHERS)
- TURBIDITY BARRIER
- EDGE OF WATER
- WETLANDS
- HEAVY RIPRAP OVER GEOTEXTILE TYPE HR
- LIMITS OF SPV.0005.01 WETLAND BLANCHARD'S CRICKET FROG SEED MIX (BY OTHERS)
- LIMITS OF SEED MIX NO. 20 (BY OTHERS)
- LIMITS OF SPV.0085.01 BLANCHARD'S CRICKET FROG SEED MIX (BY OTHERS)
- PORTION OF RIPRAP HEAVY TO BE INCLUDED IN STRUCTURE QUANTITIES

RIPRAP HEAVY LAYOUT TABLE

POINT	STATION	OFFSET
A	13+75	60' RT.
B	13+70	55' RT.
C	13+83	18' RT.
D	13+99	18' RT.
E	14+05	18' LT.
F	13+84	18' LT.
G	13+09	138' LT.
H	13+29	132' LT.
I	12+88	91' LT.
J	12+78	80' LT.
K	12+61	110' LT
L	12+73	115' LT



GENERAL NOTES FOR TRAFFIC CONTROL

THE EXACT LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

"WO" AND "MO" SIGNS ARE THE SAME AS "W" AND "M" SIGNS, EXCEPT THE BACKGROUND IS ORANGE.

ALL "W" AND "WO" SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200' CLEARANCE TO EXISTING SIGNS.

DRAWINGS SHOW TRAFFIC CONTROL FOR A TYPICAL SITUATION. ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE REQUIRED AND/OR LAYOUT DETAILS MODIFIED DEPENDING ON CONTRACTOR'S METHODS OR SEQUENCES OF OPERATION.

ADDITIONAL DRUMS OR TYPE III BARRICADES MAY BE REQUIRED ADJACENT TO DROP-OFFS, OPEN TRENCHES, OR PROTRUSIONS. COST TO BE INCLUDED WITH OPERATION WHICH CREATES THE HAZARD.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

LEGEND:

WORK AREA (STAGE 1)

POST MOUNTED SIGN (BY OTHERS)

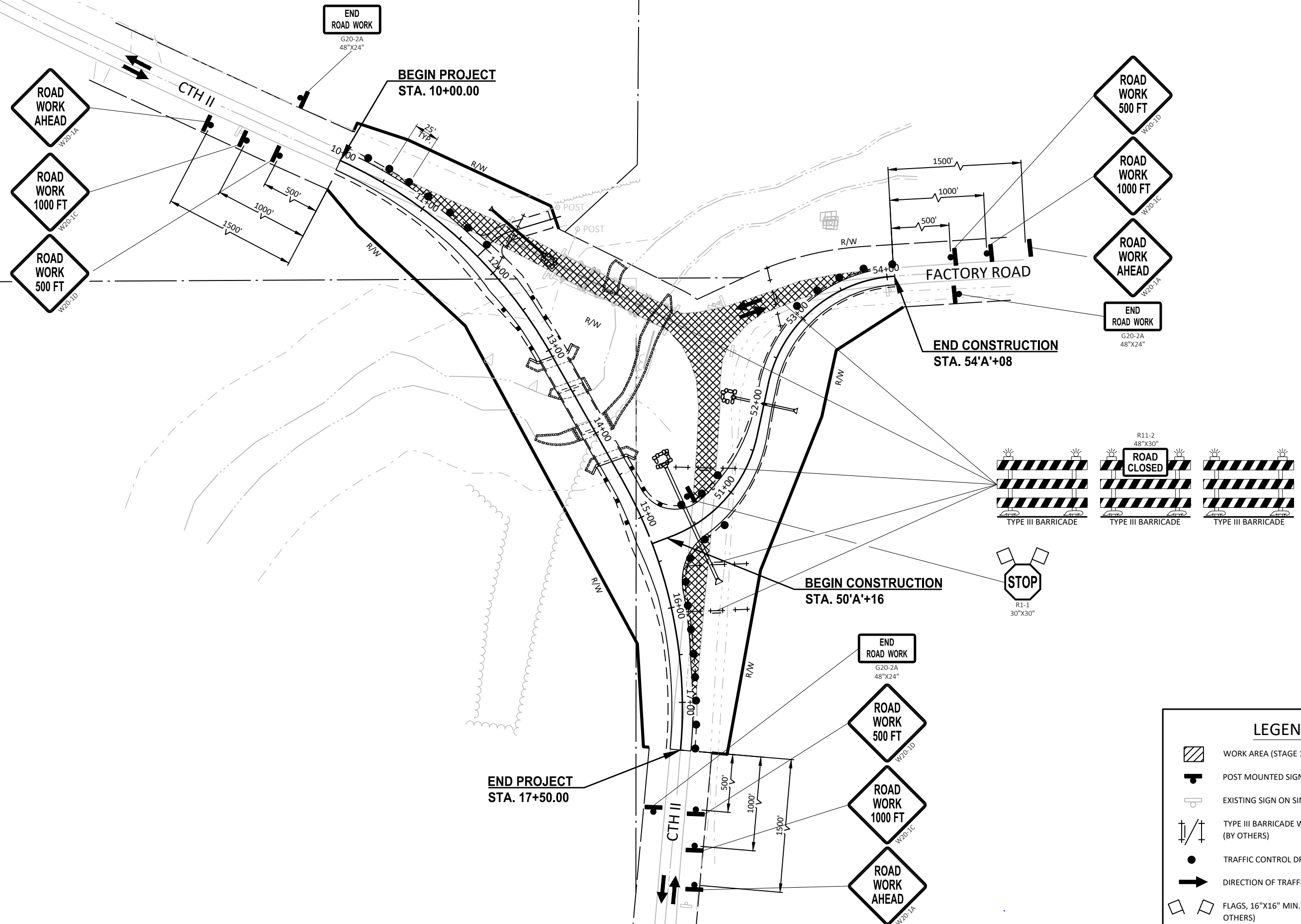
EXISTING SIGN ON SINGLE POST

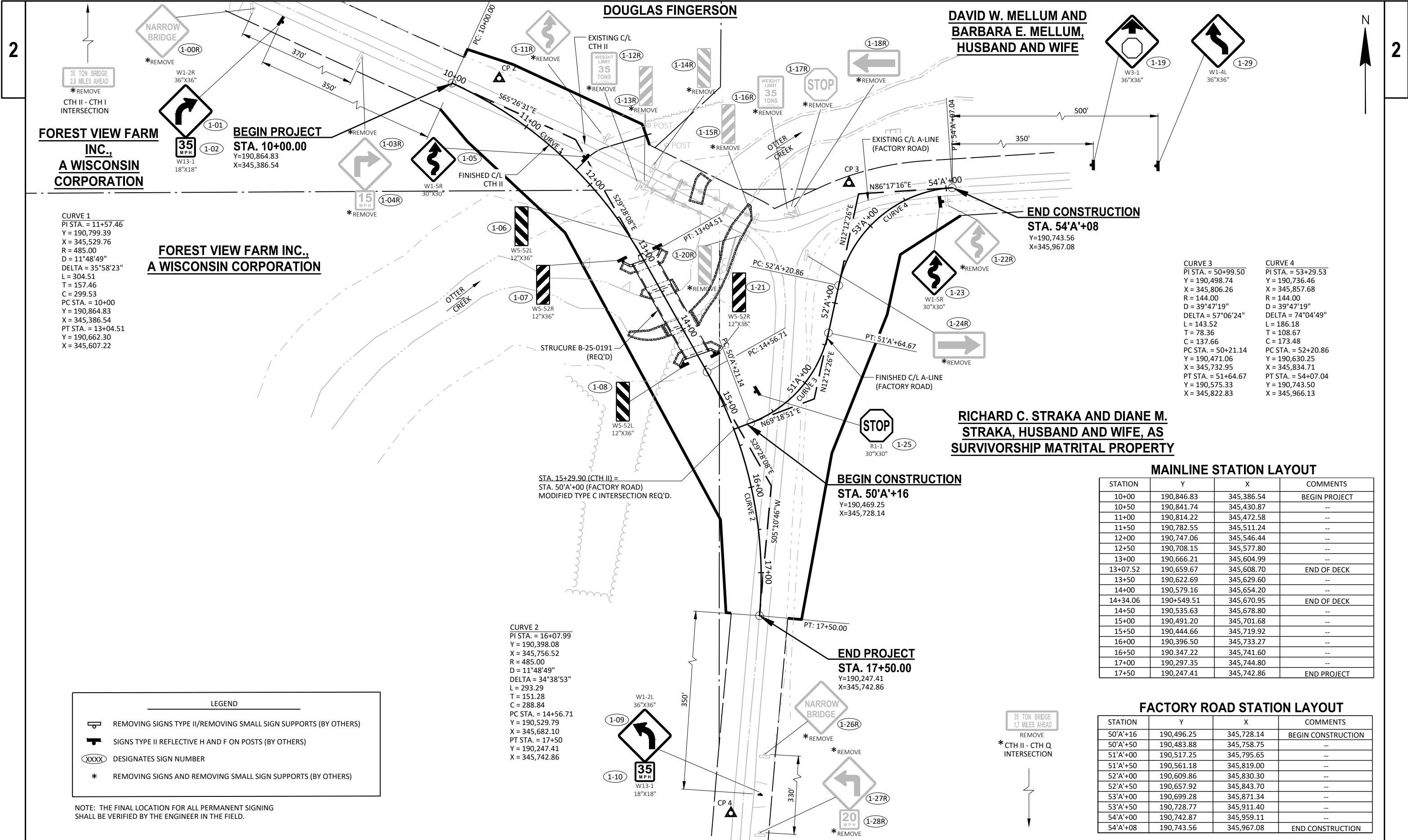
TYPE III BARRICADE WITH/WITHOUT SIGN (BY OTHERS)

TRAFFIC CONTROL DRUM (BY OTHERS)

DIRECTION OF TRAFFIC FLOW

FLAGS, 16"X16" MIN. (ORANGE) (BY OTHERS)





**FOREST VIEW FARM INC.,
A WISCONSIN CORPORATION**

CURVE 1
PI STA. = 11+57.46
Y = 190,799.39
X = 345,529.76
R = 485.00
D = 11°48'49"
DELTA = 35°58'23"
L = 304.51
T = 157.46
C = 299.53
PC STA. = 10+00
Y = 190,864.83
X = 345,386.54
PT STA. = 13+04.51
Y = 190,662.30
X = 345,607.22

CURVE 2
PI STA. = 16+07.99
Y = 190,398.08
X = 345,756.52
R = 485.00
D = 11°48'49"
DELTA = 34°38'53"
L = 293.29
T = 151.28
C = 288.84
PC STA. = 14+56.71
Y = 190,529.79
X = 345,682.10
PT STA. = 17+50
Y = 190,247.41
X = 345,742.86

CURVE 3
PI STA. = 50+99.50
Y = 190,498.74
X = 345,806.26
R = 144.00
D = 39°47'19"
DELTA = 57°06'24"
L = 143.52
T = 78.36
C = 137.66
PC STA. = 50+21.14
Y = 190,471.06
X = 345,732.95
PT STA. = 51+64.67
Y = 190,575.33
X = 345,822.83

CURVE 4
PI STA. = 53+29.53
Y = 190,736.46
X = 345,857.68
R = 144.00
D = 39°47'19"
DELTA = 74°04'49"
L = 186.18
T = 108.67
C = 173.48
PC STA. = 52+20.86
Y = 190,630.25
X = 345,834.71
PT STA. = 54+07.04
Y = 190,743.50
X = 345,966.13

LEGEND	
	REMOVING SIGNS TYPE II/REMOVING SMALL SIGN SUPPORTS (BY OTHERS)
	SIGNS TYPE II REFLECTIVE H AND F ON POSTS (BY OTHERS)
	DESIGNATES SIGN NUMBER
	REMOVING SIGNS AND REMOVING SMALL SIGN SUPPORTS (BY OTHERS)

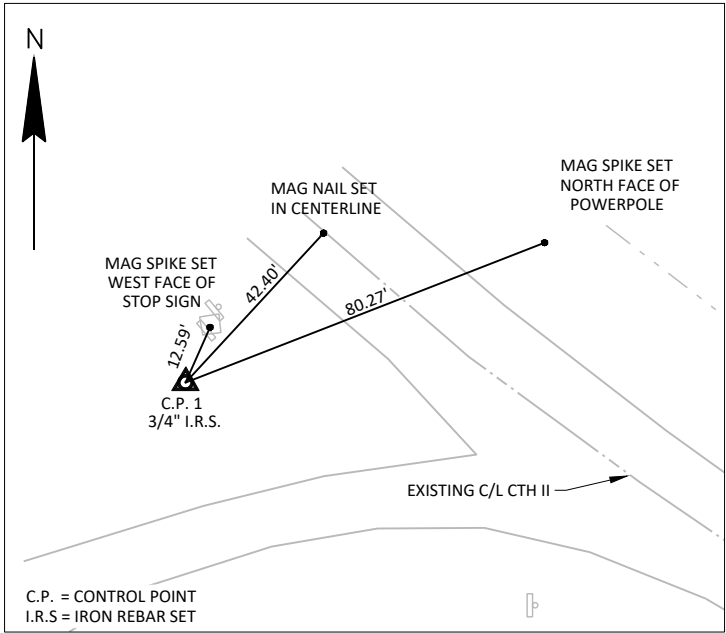
NOTE: THE FINAL LOCATION FOR ALL PERMANENT SIGNING SHALL BE VERIFIED BY THE ENGINEER IN THE FIELD.

MAINLINE STATION LAYOUT			
STATION	Y	X	COMMENTS
10+00	190,846.83	345,386.54	BEGIN PROJECT
10+50	190,841.74	345,430.87	--
11+00	190,814.22	345,472.58	--
11+50	190,782.55	345,511.24	--
12+00	190,747.06	345,546.44	--
12+50	190,708.15	345,577.80	--
13+00	190,666.21	345,604.99	--
13+07.52	190,659.67	345,608.70	END OF DECK
13+50	190,622.69	345,629.60	--
14+00	190,579.16	345,654.20	--
14+34.06	190,549.51	345,670.95	END OF DECK
14+50	190,535.63	345,678.80	--
15+00	190,491.20	345,701.68	--
15+50	190,444.66	345,719.92	--
16+00	190,396.50	345,733.27	--
16+50	190,347.22	345,741.60	--
17+00	190,297.35	345,744.80	--
17+50	190,247.41	345,742.86	END PROJECT

FACTORY ROAD STATION LAYOUT			
STATION	Y	X	COMMENTS
50'A+16	190,496.25	345,728.14	BEGIN CONSTRUCTION
50'A+50	190,483.88	345,758.75	--
51'A+00	190,517.25	345,795.65	--
51'A+50	190,561.18	345,819.00	--
52'A+00	190,609.86	345,830.30	--
52'A+50	190,657.92	345,843.70	--
53'A+00	190,699.28	345,871.34	--
53'A+50	190,728.77	345,911.40	--
54'A+00	190,742.87	345,959.11	--
54'A+08	190,743.56	345,967.08	END CONSTRUCTION

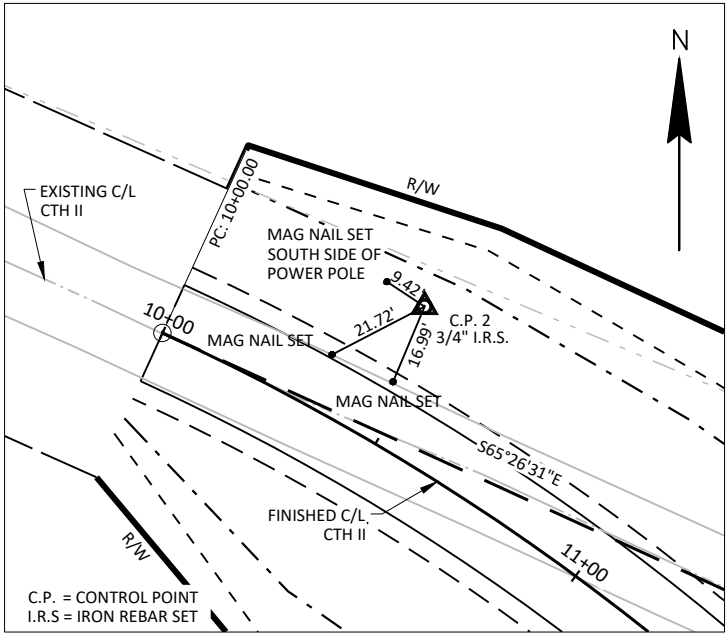
△ CONTROL POINTS

NO.	STA.	DESCRIPTION	Y	X
1	3+79.07	¾" I.R.S., 42.72' RT.	191,125.42	344,813.61
2	10+44.67	¾" I.R.S., 29.89' LT.	190,870.35	345,441.13
3	53+13.82	¾" I.R.S., 53.25' LT.	190,749.11	345,846.56
4	19+81.32	60D SPIKE, 13.12' RT.	190,018.27	345,709.76



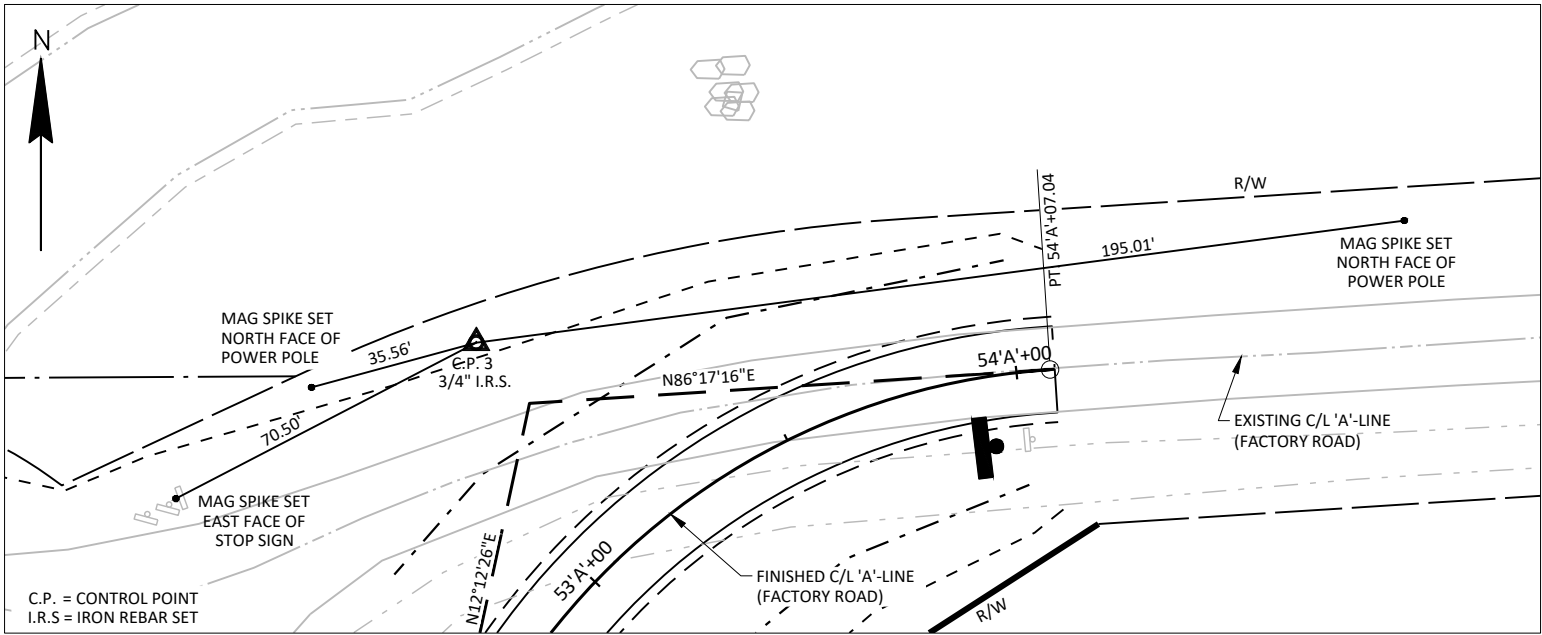
TIES TO C.P.#1

STA. 3+79.07, 42.72' RT
Y = 191,125.42
X = 344,813.61



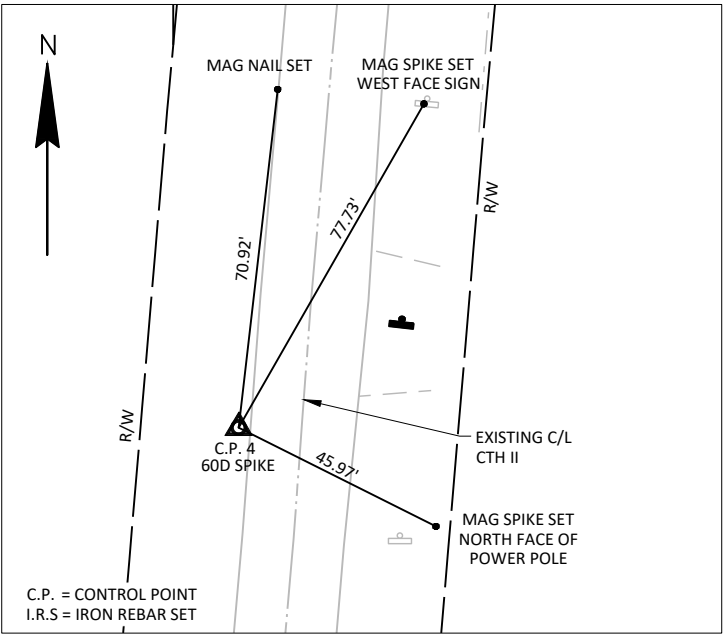
TIES TO C.P.#2

STA. 10+44.67, 29.89' LT
Y = 190,870.35
X = 345,441.13



TIES TO C.P.#3

STA. 53'A'+13.82, 53.25' LT
Y = 190,749.11
X = 345,846.56



TIES TO C.P.#4

STA. 19+81.32, 13.12' RT
Y = 190,018.27
X = 345,709.76

3

3

ALL BID ITEMS ARE BY OTHERS UNLESS OTHERWISE NOTED AS CATEGORY 010 OR 020

PERMANENT SIGNING

APPROX. STATION	POSITION	SITE ID	SIGN CODE	SIGN DESCRIPTION	ORDER LINES	SIGN SIZE (INXIN)	634.0614	634.0618	637.2210	637.2230	638.2602	638.3000
							POSTS WOOD 4X6 INCH 14 FT (EACH)	POSTS WOOD 4X6 INCH 18 FT (EACH)	SIGNS TYPE II REFLECTIVE H (S.F.)	SIGNS TYPE II REFLECTIVE F (S.F.)	REMOVING SIGNS TYPE II (EACH)	REMOVING SMALL SIGN SUPPORTS (EACH)
CTH II - CTH I INTERSECTION	RIGHT	MAINLINE	R12-55	__ TON BRIDGE __ MILES AHEAD	---	---	---	---	---	---	1	1
5+20	RIGHT	MAINLINE	W5-2	NARROW BRIDGE	---	---	---	---	---	---	1	1
6+50	RIGHT	MAINLINE	W1-2-R	RIGHT CURVE	---	36X36	---	1	---	9.00	---	---
6+50	RIGHT	MAINLINE	W13-1	ADVISORY SPEED	35 MPH	18X18	---	---	---	2.25	---	---
8+90	RIGHT	MAINLINE	W1-1-R	RIGHT TURN	---	---	---	---	---	---	1	1
8+90	RIGHT	MAINLINE	W13-1	ADVISORY SPEED: 15 MPH	---	---	---	---	---	---	1	---
11+78	LEFT	MAINLINE	W1-5-R	RIGHT WINDING ROAD	---	---	---	---	---	---	1	1
12+00	LEFT	MAINLINE	W1-5-R	RIGHT WINDING ROAD	---	30X30	---	1	---	6.25	---	---
12+32	LEFT	MAINLINE	W5-52-L	BRIDGE HASH MARKS	---	---	---	---	---	---	1	1
12+38	LEFT	MAINLINE	R12-1	WEIGHT LIMIT __ TONS	---	---	---	---	---	---	1	1
12+41	LEFT	MAINLINE	W5-52-R	BRIDGE HASH MARKS	---	---	---	---	---	---	1	1
12+95	RIGHT	MAINLINE	W5-52-R	BRIDGE HASH MARKS	---	12X36	1	---	---	3.00	---	---
13+03	LEFT	MAINLINE	W5-52-L	BRIDGE HASH MARKS	---	12X36	1	---	---	3.00	---	---
14+38	RIGHT	MAINLINE	W5-52-L	BRIDGE HASH MARKS	---	12X36	1	---	---	3.00	---	---
14+44	LEFT	MAINLINE	W5-52-R	BRIDGE HASH MARKS	---	12X36	1	---	---	3.00	---	---
19+13	LEFT	MAINLINE	W5-2	NARROW BRIDGE	---	---	---	---	---	---	1	1
21+00	LEFT	MAINLINE	W1-2-L	LEFT CURVE	---	36X36	---	1	---	9.00	---	---
21+00	LEFT	MAINLINE	W13-1	ADVISORY CURVE	35 MPH	18X18	---	---	---	2.25	---	---
22+43	LEFT	MAINLINE	W1-1-L	LEFT TURN	---	---	---	---	---	---	1	1
22+43	LEFT	MAINLINE	W13-1	ADVISORY CURVE: 20 MPH	---	---	---	---	---	---	1	---
CTH II - CTH Q INTERSECTION	RIGHT	MAINLINE	R12-55	__ TON BRIDGE __ MILES AHEAD	---	---	---	---	---	---	1	1
50'A'+47	LEFT	FACTORY ROAD	R1-1	STOP SIGN	---	30X30	---	1	5.18	---	---	---
52'A'+40	LEFT	FACTORY ROAD	W5-52-L	BRIDGE HASH MARKS	---	---	---	---	---	---	1	1
52'A'+41	LEFT	FACTORY ROAD	W1-6	ONE-DIRECTION RIGHT	---	---	---	---	---	---	1	1
52'A'+50	LEFT	FACTORY ROAD	W5-52-R	BRIDGE HASH MARKS	---	---	---	---	---	---	1	1
52'A'+64	LEFT	FACTORY ROAD	R12-1	WEIGHT LIMIT __ TONS	---	---	---	---	---	---	1	1
52'A'+67	LEFT	FACTORY ROAD	R1-1	STOP SIGN	---	---	---	---	---	---	1	1
52'A'+70	LEFT	FACTORY ROAD	W1-6	ONE-DIRECTION LEFT	---	---	---	---	---	---	1	1
53'A'+91	RIGHT	FACTORY ROAD	W1-5R	RIGHT WINDING ROAD	---	30X30	---	1	---	6.25	---	---
53'A'+97	RIGHT	FACTORY ROAD	W1-5R	RIGHT WINDING ROAD	---	---	---	---	---	---	1	1
57'A'+50	LEFT	FACTORY ROAD	W3-1	STOP AHEAD	---	36X36	---	1	---	9.00	---	---
59'A'+00	LEFT	FACTORY ROAD	W1-4L	LEFT REVERSE CURVE	---	36X36	---	1	---	9.00	---	---
PROJECT TOTALS							4	7	5.18	65.00	19	17

TRAFFIC CONTROL

LOCATION	CATEGORY 010								
	643.0300		643.0420		643.0705		643.0900		643.5000
	DRUMS		BARRICADES		WARNING LIGHTS		SIGNS		TRAFFIC
	(DAYS)	(DAYS)	(DAYS)	(DAYS)	(DAY)	(DAY)	(DAYS)	(DAYS)	CONTROL
PROJECT	-	-	-	-	-	-	-	-	1.0
MAINLINE	3,530	1,380	1,285	795	2,570	1,590	1390	690	-
SUBTOTALS =	3,530	1,380	1,285	795	2,570	1,590	1,390	690	1.0
TOTALS=	4,910		2,080		4,160		2,080		1.0

CONSTRUCTION STAKING

STATION - STATION	LOCATION	CATEGORY 020					CATEGORY 010		
		650.4500	650.5000	650.6500	650.9910	650.9920	650.9910	650.9920	650.6000
		SUBGRADE	BASE	STRUCTURE	SUPPLEMENTAL	SLOPE STAKES	CONTROL	SLOPE STAKES	PIPE CULVERTS
		(LF)	(LF)	(LS)	01. 5682-00-75	(LF)	01. 5682-00-75	(LF)	(EACH)
50'A'+47	FACTORY ROAD	-	-	-	-	-	-	-	1
52'A'+00	FACTORY ROAD	-	-	-	-	-	-	-	1
10+00 - 13+10	MAINLINE	308	308	-	-	308	-	-	-
14+38 - 17+50	MAINLINE	316	316	-	-	316	-	-	-
50'A'+16 - 54'A'+08	MAINLINE	392	392	-	-	392	-	-	-
	PROJECT	-	-	1	1	-	1	-	-
TOTALS =		1,016	1,016	1	1	1,016			2

PAVEMENT MARKING

STATION - STATION	DESCRIPTION	LOCATION	646.1020	646.6105
			MARKING LINE EPOXY 4-INCH (LF)	MARKING STOP LINE EPOXY 18-INCH (LF)
12+57-14+84	DOUBLE YELLOW	MAINLINE	227	-
11+44 - 12+57 & 14+84 - 15+89	DOUBLE YELLOW	MAINLINE	1273	-
50'A'+28	WHITE	FACTORY RD	-	30
TOTALS =			1500	30

SAWING ASPHALT

STATION	LOCATION	690.0150
		(LF)
10+00	MAINLINE	22
17+50	MAINLINE	22
54'A'+08	FACTORY RD	18
TOTAL =		62

SITE MOWING

PROJECT	CATEGORY 010
	SPV.0105.01 (LS)
5682-00-75	1
TOTAL =	1

PROJECT NO: 5682-00-75

HWY: CTH II

COUNTY: IOWA

MISCELLANEOUS QUANTITIES

SHEET

E

CONVENTIONAL ABBREVIATIONS

ACCESS POINT/ DRIVEWAY CONNECTION	AP	PROPERTY LINE	PL
ACCESS RIGHTS	AR	RECORDED AS	(100')
ACRES	AC.	REFERENCE LINE	R/L
AND OTHERS	ET.AL.	RELEASE OF RIGHTS	ROR
BARN	B.	REMAINING	REM.
CENTERLINE	C/L	RIGHT-OF-WAY	R/W
CERTIFIED SURVEY MAP	CSM	SECTION	SEC.
CORNER	COR.	SHED	S.
CONVEYANCE OF RIGHTS	CR	STATION	STA.
DOCUMENT	DOC.	TEMPORARY LIMITED EASEMENT	TLE
EASEMENT	EASE.	VOLUME	V.
GARAGE	G.		
HIGHWAY EASEMENT	H.E.	CURVE DATA	
HOUSE	H.	LONG CHORD	LCH
HOUSE TRAILER	H.T.	LONG CHORD BEARING	LCB
LAND CONTRACT	LC	RADIUS	R
MONUMENT	MON.	DEGREE OF CURVE	D
PAGE	P.	CENTRAL ANGLE OR DELTA	DELTA
PERMANENT LIMITED EASEMENT	PLE	LENGTH OF CURVE	L
		TANGENT	TAN

CONVENTIONAL SYMBOLS

FOUND SURVEY MONUMENT (WITH POINT NUMBER)	1040	PROPOSED R/W LINE	---
R/W MONUMENT	○ (SET)	EXISTING H.E. LINE	---
R/W STANDARD	△ (SET)	PROPERTY LINE	---
SIGN	ISIGN	LOT & TIE LINES	---
SECTION CORNER MONUMENT	⊕	SLOPE INTERCEPTS	///
SECTION CORNER SYMBOL	⊕	CORPORATE LIMITS	---
FEE (HATCH VARIES)	///	NO ACCESS (BY PREVIOUS ACQUISITION/CONTROL)	---
TEMPORARY LIMITED EASEMENT	---	NO ACCESS (BY ACQUISITION)	---
PERMANENT LIMITED EASEMENT	---	NO ACCESS (BY STATUTORY AUTHORITY)	---
R/W BOUNDARY POINT	RWB20	SECTION LINE	---
PARCEL NUMBER	8	QUARTER LINE	---
UTILITY PARCEL NUMBER	92	SIXTEENTH LINE	---
SIGN NUMBER (OFF PREMISE)	21-1	EXISTING CENTERLINE	---
BUILDING	---	PROPOSED REFERENCE LINE	---
		PARALLEL OFFSET	---
		ENCROACHMENT	---
		HIGHWAY EASEMENT	---

CONVENTIONAL UTILITY SYMBOLS

WATER	W	SANITARY SEWER	SAN
GAS	G	STORM SEWER	SS
TELEPHONE	T		
OVERHEAD	OH	NON COMPENSABLE	⊕
TRANSMISSION LINES	---	COMPENSABLE	⊕
ELECTRIC	E	POWER POLE	⊕
CABLE TELEVISION	TV	TELEPHONE POLE	⊕
FIBER OPTIC	FO	TELEPHONE PEDESTAL	⊕
		ELECTRIC TOWER	⊕

NOTES

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, IOWA COUNTY, NAD 83 (2011) IN US SURVEY FEET. VALUES SHOWN 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 MONUMENTS (TYPICALLY 3/4 X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

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."

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

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.

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.

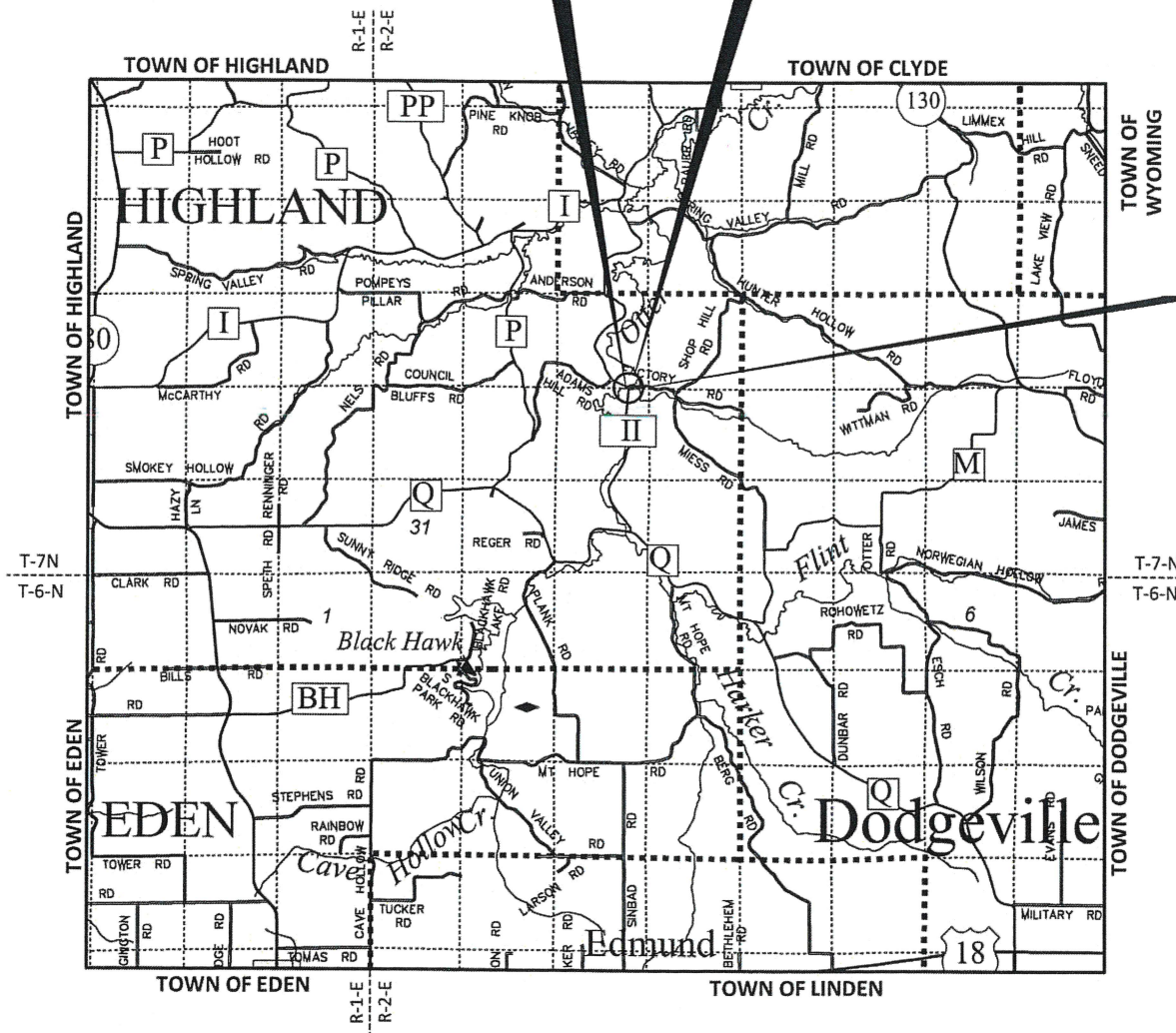
THIS PLAT IS A GRAPHIC REPRESENTATION AND IS FOR REFERENCE PURPOSE ONLY. DEEDS MUST BE CHECKED TO DETERMINE PROPERTY BOUNDARIES AND ACCESS RIGHTS.

BEGIN RELOCATION ORDER

STA. 10+00.00

130.57' NORTH AND 1012.97' EAST OF THE N1/4 CORNER OF SECTION 28, T.7N., R.2E., TOWN OF HIGHLAND, IOWA COUNTY, WI
Y= 190864.83
X= 345386.54

STRUCTURE B-25-0191



END RELOCATION ORDER

STA. 17+50.00

486.85' SOUTH AND 1369.29' EAST OF THE N1/4 CORNER OF SECTION 28, T.7N., R.2E., TOWN OF HIGHLAND, IOWA COUNTY, WI
Y= 190247.41
X= 345742.86

JEWELL
associates engineers, inc.

Engineers - Architects - Surveyors

560 SUNRISE DRIVE
SPRING GREEN, WI 53588
PHONE : 608.588.7484
www.jewellssoc.com

I HEREBY CERTIFY THAT THIS PLAT WAS MADE FOR IOWA COUNTY, WISCONSIN AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



REVISION DATE

7-19-2021 (N.C.)

APPROVED FOR IOWA COUNTY

DATE: 4/21/2021

(NAME/TITLE)

4/21/2021

4/21/2021

4/21/2021

4/21/2021

4/21/2021

4/21/2021

BEGIN RELOCATION ORDER
STA. 10+00.00

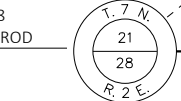
PI STA = 11+57.46
Y = 190799.386
X = 345529.758
DELTA = 35°58'23"
D = 11°48'49"
T = 157.46'
L = 304.51'
R = 485.00'
PC STA = 10+00.00
Y = 190864.829
X = 345386.542
PT STA = 13+04.51
Y = 190662.298
X = 345607.221

PI STA = 16+07.99
Y = 190398.078
X = 345756.520
DELTA = 34°38'53"
D = 11°48'49"
T = 151.28'
L = 293.29'
R = 485.00'
PC STA = 14+56.71
Y = 190529.789
X = 345682.095
PT STA = 17+50.00
Y = 190247.411
X = 345742.863

PI STA. = 50'A'+99.50
Y = 190,498.74
X = 345,806.26
R = 144.00
D = 39°47'19"
DELTA = 57°06'24"
L = 143.52
T = 78.36
C = 137.66
PC STA. = 50'A'+21.14
Y = 190,471.06
X = 345,732.95
PT STA. = 51'A'+64.67
Y = 190,575.33
X = 345,822.83

PI STA. = 53'A'+29.53
Y = 190,736.46
X = 345,857.68
R = 144.00
D = 39°47'19"
DELTA = 74°04'49"
L = 186.18
T = 108.67
C = 173.48
PC STA. = 52'A'+20.86
Y = 190,630.25
X = 345,834.71
PT STA. = 54'A'+07.04
Y = 190,743.50
X = 345,966.13

N¼ COR. SEC. 28
FOUND 1¼" Ø IRON ROD
Y = 190734.26
X = 344373.57



NORTH LINE OF THE
NE¼ OF SEC. 28
N89°41'15"E, 2646.04'

①
**FOREST VIEW FARM INC.,
A WISCONSIN CORPORATION**
DOC. 170383, V. 405, P. 773-774

NW¼-NE¼
SEC. 28, T7N, R2E

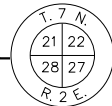
SW¼-SE¼
SEC. 21, T7N, R2E

②
DOUGLAS FINGERSON
DOC. 179056, V. 423, P. 809-810

④
**DAVID W. MELLUM AND
BARBARA E. MELLUM,
HUSBAND AND WIFE**
DOC. 273007, V. 715, P. 624-625

SE¼-SE¼
SEC. 21, T7N, R2E

N.E. CORNER SEC. 28
FOUND MAG NAIL
Y = 190748.70
X = 347019.56



ERWC1 CURVE DATA PT. 7 TO PT. 8	
ARC LENGTH = 17.79'	
RADIUS = 93.98'	
DELTA = 10°50'36"	
CHORD BEARING = S58°10'54"E	
CHORD LENGTH = 17.76'	

ERWC2 CURVE DATA PT. 9 TO PT. 10	
ARC LENGTH = 129.44'	
RADIUS = 347.00'	
DELTA = 21°22'23"	
CHORD BEARING = N75°40'02"E	
CHORD LENGTH = 128.69'	

RIGHT OF WAY LINE TABLE		
POINT TO POINT	BEARING	DISTANCE
1 TO 2	N24°33'29"E	66.00'
2 TO 3	N24°33'29"E	10.04'
3 TO 4	S71°47'27"E	55.60'
4 TO 5	S65°08'34"E	165.04'
5 TO 6	S19°21'44"E	25.53'
6 TO 7	S63°36'12"E	144.79'
7 TO 8	SEE ERWC1 DATA	
8 TO 9	N64°58'51"E	55.99'
9 TO 10	SEE ERWC2 DATA	
10 TO 11	N86°21'14"E	36.33'
11 TO 12	S03°42'44"E	66.00'
12 TO 13	S57°11'07"W	83.46'
13 TO 14	S12°19'05"W	71.00'
14 TO 15	S21°45'01"W	173.27'
15 TO 16	S10°17'39"W	195.98'
16 TO 17	N84°49'14"W	16.00'
17 TO 18	N84°49'14"W	66.00'
18 TO 19	N84°49'14"W	6.00'
19 TO 20	N03°22'17"W	107.92'
20 TO 21	N28°25'30"W	378.60'
21 TO 22	N47°00'28"W	154.43'
22 TO 1	N39°56'25"W	49.37'

COORDINATE TABLE - NEW R/W POINTS				
PT.#	STATION	OFFSET	Y	X
1	10+00.00	33.04 R	190834.77	345372.81
2	10+00.00	32.96 L	190894.84	345400.24
3	10+00.00	43.00 L	190903.94	345404.41
4	10+50.00	52.00 L	190886.56	345457.23
5	11+90.00	92.00 L	190817.19	345606.99
6	12+10.00	82.25 L	190793.10	345615.45
7	13+14.52	152.76 L	190728.73	345745.15
8	13+30.10	161.29 L	190719.37	345760.24
9	52'A'+93.35	74.11 L	190743.05	345810.97
10	53'A'+84.19	35.57 L	190774.90	345935.66
11	54'A'+15.00	33.27 L	190777.21	345971.91
12	54'A'+15.00	32.73 R	190711.35	345976.19
13	53'A'+00.00	48.00 R	190666.12	345906.04
14	52'A'+00.00	62.00 R	190596.75	345890.89
15	15+85.00	100.00 L	190435.81	345826.69
16	17+50.00	49.00 L	190242.98	345791.66
17	17+50.00	33.00 L	190244.43	345775.73
18	17+50.00	33.00 R	190250.39	345710.00
19	17+50.00	39.00 R	190250.93	345704.02
20	16+32.00	42.00 R	190358.66	345697.67
21	12+25.00	58.00 R	190691.62	345517.46
22	10+50.00	52.00 R	190796.92	345404.50

NOTE: EXISTING C/L OF CTH II AND
FACTORY ROAD BASED ON CENTERLINE
OF EXISTING PAVEMENT.

EXISTING RIGHT-OF-WAY FOR CTH II AND
FACTORY ROAD BASED ON THE CENTERLINE OF
EXISTING PAVEMENT AND WIS. STATUTE 82.31(2).

EASEMENT TABLE			
OWNER	RECORDING INFORMATION	LOCATED IN R/W PARCEL #	REMARKS
WISCONSIN DEPARTMENT OF NATURAL RESOURCES	DOC. 198873, V.469, P.412-415	1	FISH MANAGEMENT EASEMENT, 4 RODS WIDE ON EACH BANK OF THE STREAM KNOWN AS OTTER CREEK, INCLUDING THE BED THEREIN

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W ACRES REQUIRED		
			NEW	EXISTING	TOTAL
1	FOREST VIEW FARM, INC., A WISCONSIN CORPORATION	FEE	0.95	0.26	1.21
2	DOUGLAS FINGERSON	FEE	0.08	0.18	0.26
4	DAVID W. MELLUM AND BARBARA E. MELLUM, HUSBAND AND WIFE	FEE	---	0.09	0.09
5	RICHARD C. STRAKA AND DIANE M. STRAKA, HUSBAND AND WIFE, AS SURVIVORSHIP MARITAL PROPERTY	FEE	0.85	0.98	1.83
201	FRONTIER COMMUNICATIONS	RELEASE OF RIGHTS			

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO IOWA COUNTY.

END RELOCATION ORDER
STA. 17+50.00

486.85' SOUTH AND 1369.29' EAST OF THE
N¼ CORNER OF SECTION 28, T.7N., R.2E.,
TOWN OF HIGHLAND, IOWA COUNTY, WI
Y = 190247.41
X = 345742.86

ENCROACHMENT TABLE			
ENCROACHMENT	PROPERTY OWNER	LOCATION (STATION/OFFSET)	ENCROACHMENT TYPE
E-1	FOREST VIEW FARM, INC., A WISCONSIN CORPORATION	STA. 12+40 - STA.12+80, 45' LT. - 76' LT.	FENCE

REVISION DATE 7-19-2021

DATE: APRIL 2, 2021

SCALE: FEET



HWY: CTH II

COUNTY: IOWA

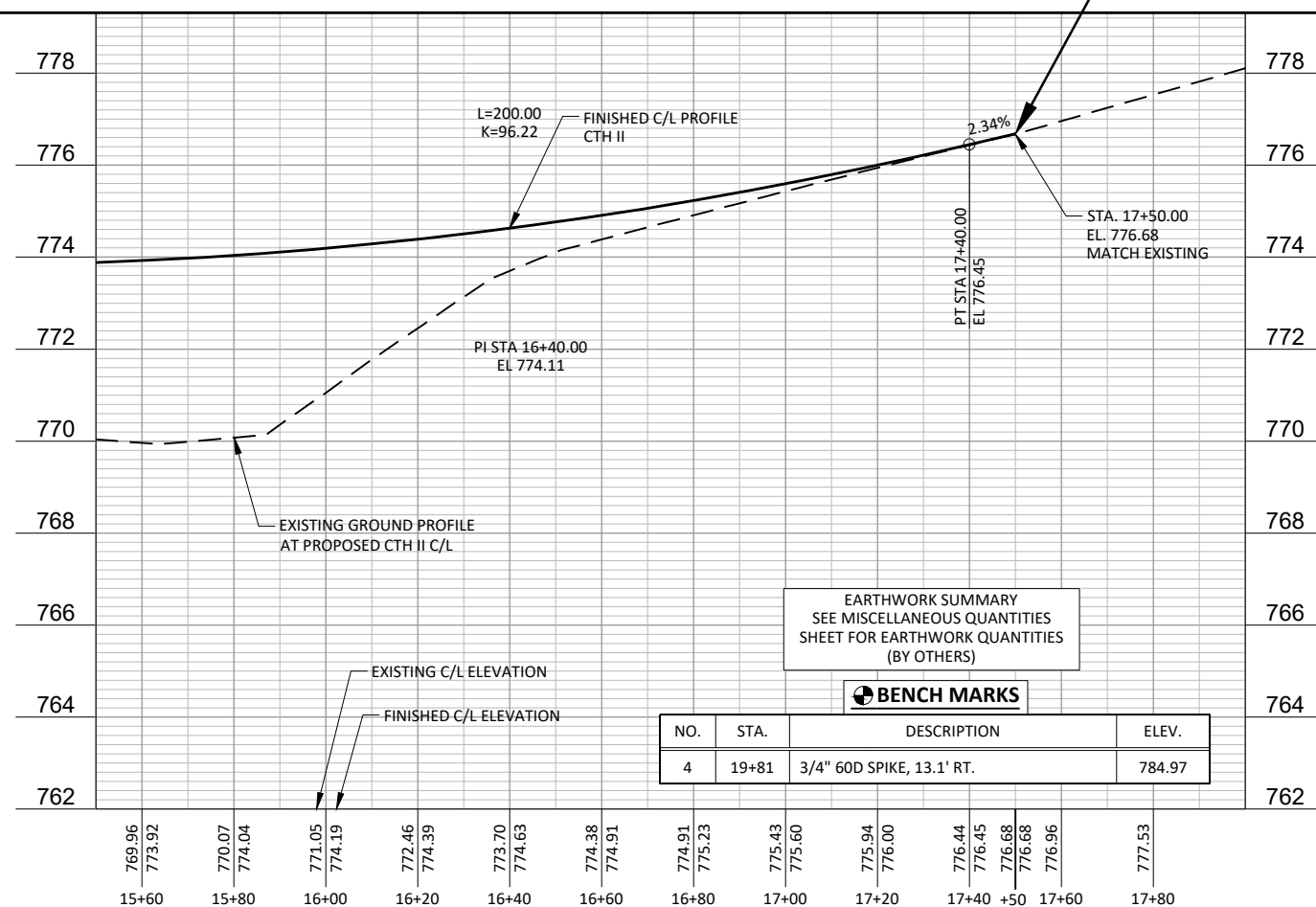
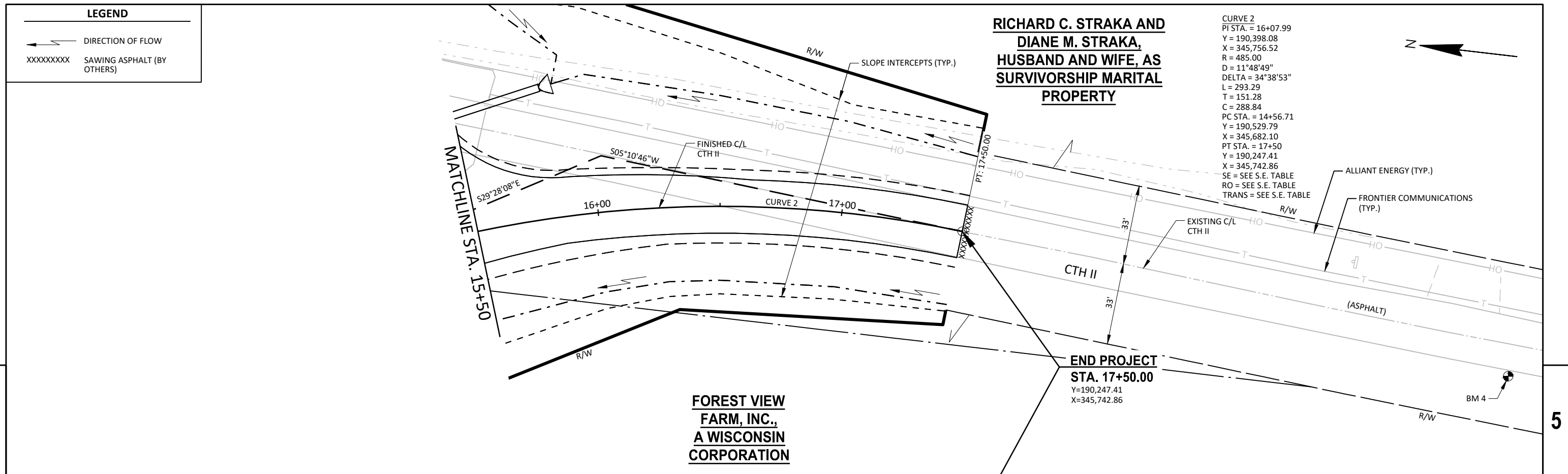
R/W PROJECT NUMBER: 5682-00-05

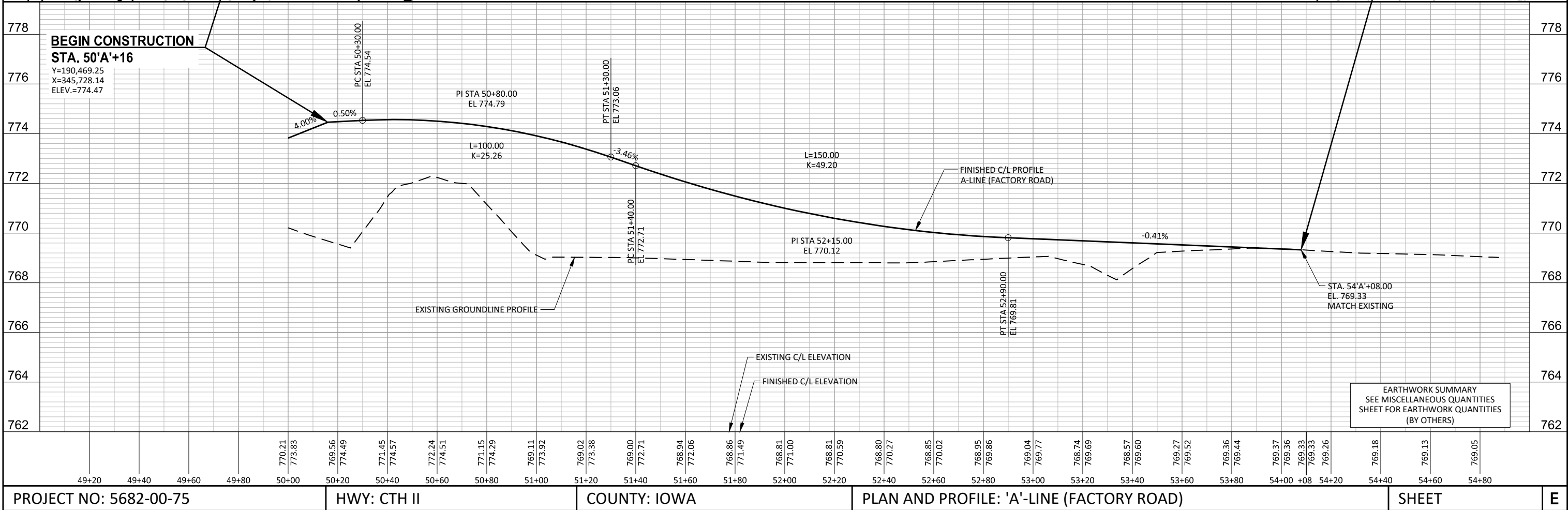
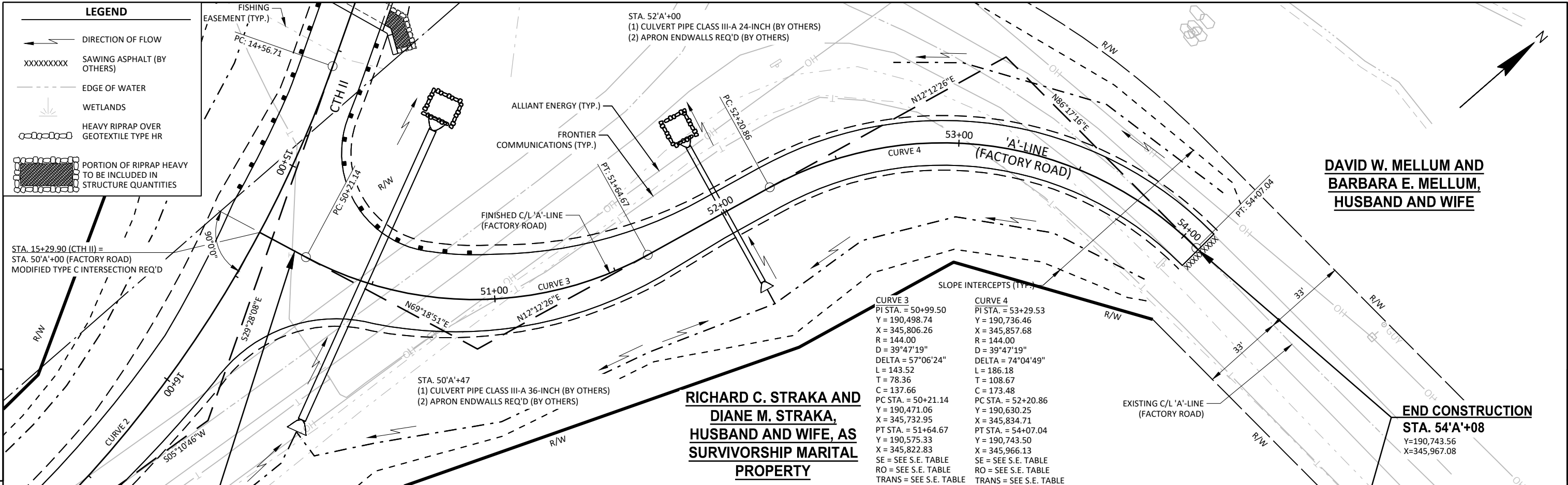
CONSTRUCTION PROJECT NUMBER: 5682-00-75

PLAT SHEET 4.02

PS&E SHEET

E





EARTHWORK - CTH II, MAINLINE - STAGE 1 (BY OTHERS)

STATION	AREA (SF)		INCREMENTAL VOL (CY)			CUMMULATIVE VOLUME (CY)			
	CUT	FILL	CUT NOTE 1	FILL NOTE 2	FILL (25%) NOTE 3	CUT 1.00 NOTE 1	FILL	FILL (25%) NOTE 3	MASS ORDINATE NOTE 4
10+00	0	0	0	0	0	0	0	0	0
10+50	18	14	17	13	16	17	13	16	1
11+00	26	23	41	34	43	58	47	58	-1
11+50	29	50	51	68	85	109	115	143	-35
12+00	20	89	45	129	161	154	244	305	-151
12+50	5	264	22	327	409	176	571	713	-537
13+00	10	275	14	500	625	190	1070	1338	-1148
13+08	0	97	2	55	69	191	1126	1407	-1216
13+08	0	0	0	0	0	191	1126	1407	-1216
13+50	0	0	0	0	0	191	1126	1407	-1216
14+00	0	0	0	0	0	191	1126	1407	-1216
14+34	0	0	0	0	0	191	1126	1407	-1216
14+34	103	22	0	0	0	191	1126	1407	-1216
14+50	74	96	53	35	44	244	1160	1451	-1207
15+00	27	68	94	151	189	338	1312	1640	-1302
15+50	14	70	38	128	159	376	1439	1799	-1423
16+00	7	35	19	97	121	394	1536	1920	-1526
16+50	13	10	18	41	51	412	1577	1971	-1559
17+00	11	2	22	10	13	434	1587	1984	-1550
17+50	0	0	11	2	2	445	1589	1986	-1541
COLUMN TOTALS =			445	1589	1986	-1541			

MARSH EXCAVATION - CTH II, MAINLINE - STAGE 1 (BY OTHERS)

STATION	AREA (SF)		INCREMENTAL VOL (CY)			CUMMULATIVE VOLUME (CY)			
	CUT	FILL	CUT NOTE 1	FILL NOTE 2	FILL (25%) NOTE 3	CUT 1.00 NOTE 1	FILL	FILL (25%) NOTE 3	MASS ORDINATE NOTE 4
10+00	0	0	0	0	0	0	0	0	0
10+50	0	0	0	0	0	0	0	0	0
11+00	0	0	0	0	0	0	0	0	0
11+50	0	0	0	0	0	0	0	0	0
12+00	0	0	0	0	0	0	0	0	0
12+50	156	0	144	0	0	144	0	0	144
13+00	112	0	250	0	0	394	0	0	394
13+08	41	0	23	0	0	417	0	0	417
13+08	0	0	0	0	0	417	0	0	417
13+50	0	0	0	0	0	417	0	0	417
14+00	0	0	0	0	0	417	0	0	417
14+34	0	0	0	0	0	417	0	0	417
14+34	0	0	0	0	0	417	0	0	417
14+50	41	0	44	0	0	461	0	0	461
15+00	107	0	99	0	0	560	0	0	560
COLUMN TOTALS =			560	0	0	560			

EARTHWORK - FACTORY ROAD, 'A'-LINE - STAGE 1 (BY OTHERS)

STATION	AREA (SF)		INCREMENTAL VOL (CY)			CUMMULATIVE VOLUME (CY)			
	CUT	FILL	CUT NOTE 1	FILL NOTE 2	FILL (25%) NOTE 3	CUT 1.00 NOTE 1	FILL	FILL (25%) NOTE 3	MASS ORDINATE NOTE 4
50+16	5	292	218	218	273	218	218	273	-55
50+47	373	88	28	6	8	246	224	281	-35
50+50	124	25	130	138	173	375	363	454	-79
51+00	17	124	21	180	225	396	542	678	-283
51+50	6	60	82	71	89	478	614	767	-290
52+00	83	7	177	7	8	654	620	776	-121
52+50	108	0	187	0	0	841	620	776	66
53+00	94	0	144	0	0	985	620	776	210
53+50	61	0	81	0	0	1066	620	776	291
54+00	26	0	24	0	0	1090	620	776	315
54+50	0	0	0	0	0	1090	620	776	315
54+70	0	0	0	0	0	1090	620	776	315
COLUMN TOTALS =			1090	620	775	315			

NOTES:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
3 - FILL 25%	(UNEXPANDED FILL)*1.25
4 - MASS ORDINATE	CUT + ROCK (10%) + REDUCED MARSH (60%) - FILL (25%)

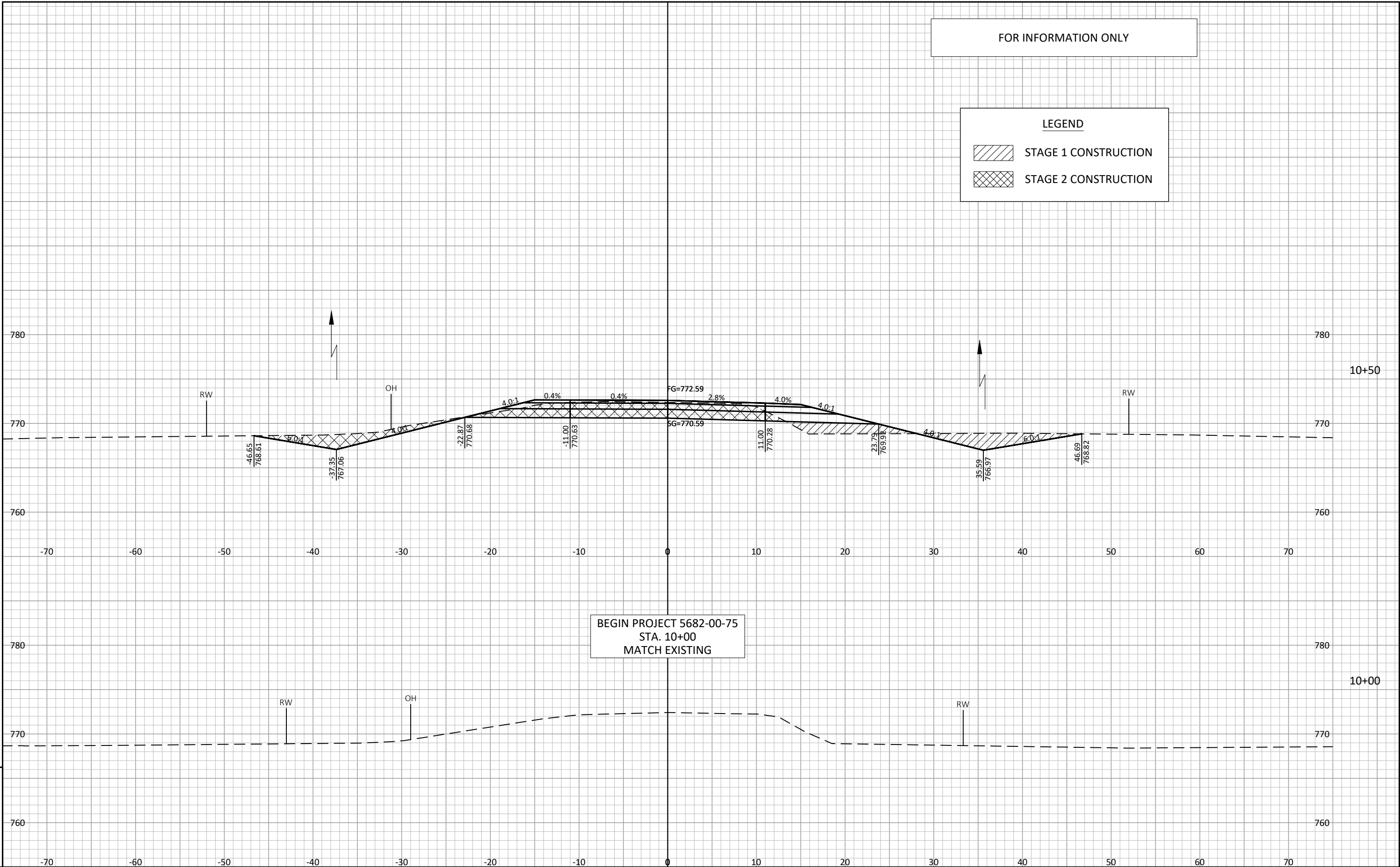
EARTHWORK - CTH II, MAINLINE - STAGE 2 (BY OTHERS)

STATION	AREA (SF)		INCREMENTAL VOL (CY)			CUMMULATIVE VOLUME (CY)			
	CUT	FILL	CUT NOTE 1	FILL NOTE 2	FILL (25%) NOTE 3	CUT 1.00 NOTE 1	FILL	FILL (25%) NOTE 3	MASS ORDINATE NOTE 4
10+00	0	0	0	0	0	0	0	0	0
10+50	70	0	65	0	0	65	0	0	65
11+00	76	0	136	0	0	201	0	0	201
11+50	130	0	191	0	0	392	0	0	392
12+00	298	0	397	0	0	789	0	0	789
12+50	0	0	276	0	0	1065	0	0	1065
13+00	0	0	0	0	0	1065	0	0	1065
13+08	0	0	0	0	0	1065	0	0	1065
13+08	0	0	0	0	0	1065	0	0	1065
13+50	0	0	0	0	0	1065	0	0	1065
14+00	0	0	0	0	0	1065	0	0	1065
14+34	0	0	0	0	0	1065	0	0	1065
14+34	0	0	0	0	0	1065	0	0	1065
14+50	0	0	0	0	0	1065	0	0	1065
15+00	0	0	0	0	0	1065	0	0	1065
15+50	0	0	0	0	0	1065	0	0	1065
16+00	156	0	145	0	0	1209	0	0	1209
16+50	85	0	223	0	0	1432	0	0	1432
17+00	56	4	130	3.5	4.4	1563	4	4	1558
17+50	0	0	52	3.5	4.4	1615	7	9	1606
COLUMN TOTALS =			1615	7	9	1606			

EARTHWORK - FACTORY ROAD, 'A'-LINE - STAGE 2 (BY OTHERS)

STATION	AREA (SF)		INCREMENTAL VOL (CY)			CUMMULATIVE VOLUME (CY)			
	CUT	FILL	CUT NOTE 1	FILL NOTE 2	FILL (25%) NOTE 3	CUT 1.00 NOTE 1	FILL	FILL (25%) NOTE 3	MASS ORDINATE NOTE 4
50+16	0	0	0	10	12	0	10	12	-12
50+50	601	16	557	14	18	557	24	30	527
51+00	679	124	1186	0	0	1742	24	30	1712
51+50	822	60	1390	0	0	3132	24	30	3102
52+00	914	7	1608	0	0	4740	24	30	4710
52+50	131	0	968	0	0	5707	24	30	5677
53+00	68	0	184	0	0	5892	24	30	5862
53+50	62	0	121	0	0	6013	24	30	5983
54+00	0	0	57	0	0	6070	24	30	6040
54+50	0	0	0	0	0	6070	24	30	6040
54+70	0	0	0	0	0	6070	24	30	6040
COLUMN TOTALS =			6070	24	30	6040			

NOTES:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
3 - FILL 25%	(UNEXPANDED FILL)*1.25
4 - MASS ORDINATE	CUT + ROCK (10%) + REDUCED MARSH (60%) - FILL (25%)



FOR INFORMATION ONLY

LEGEND

STAGE 1 CONSTRUCTION

STAGE 2 CONSTRUCTION

9

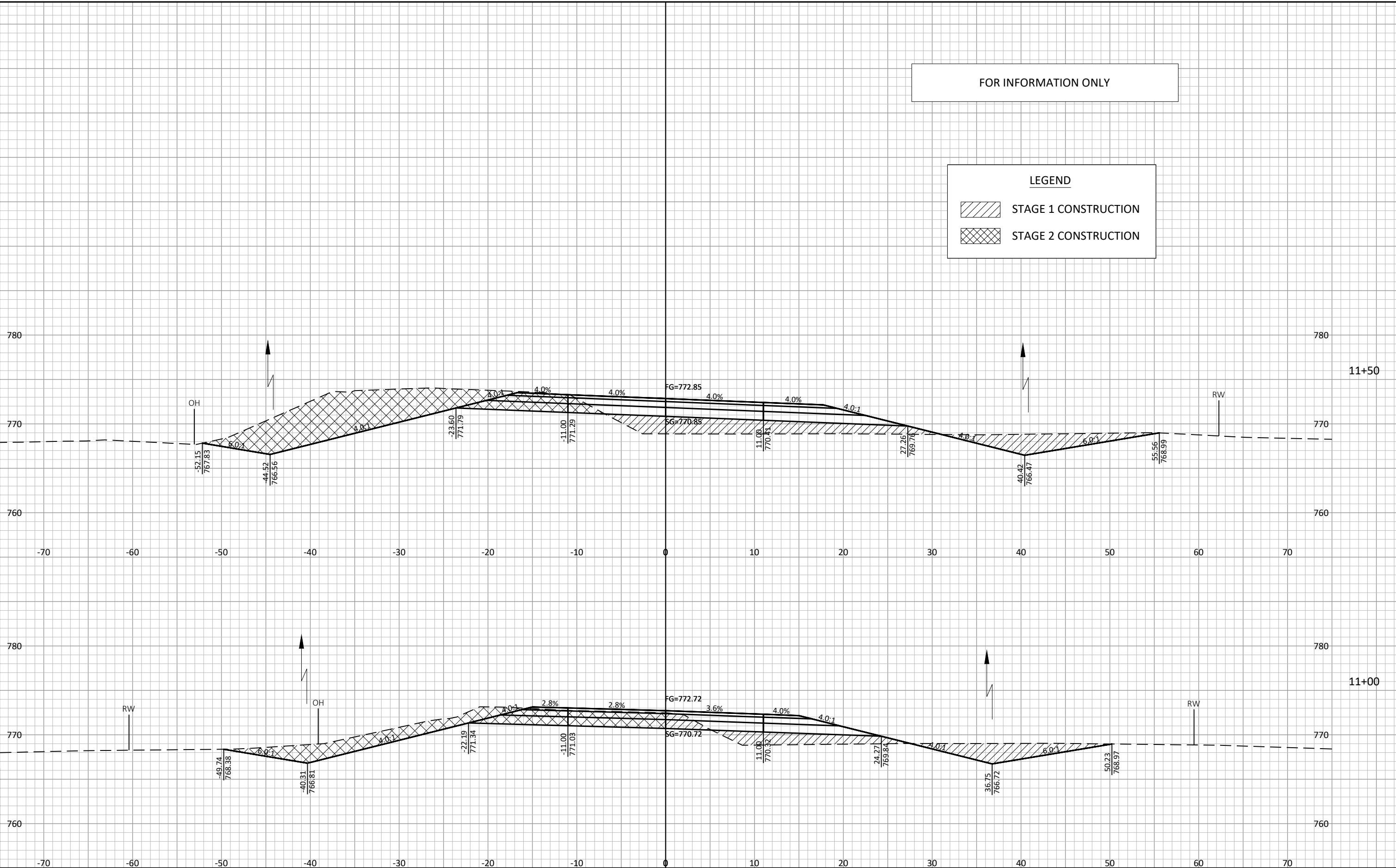
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FOR INFORMATION ONLY

LEGEND

STAGE 1 CONSTRUCTION

STAGE 2 CONSTRUCTION



9

9

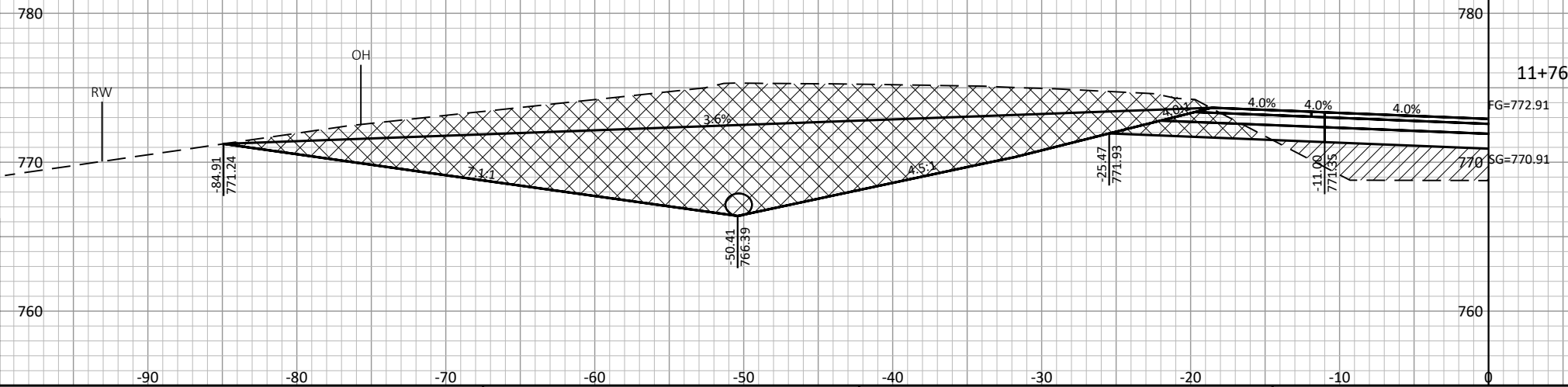
FOR INFORMATION ONLY

LEGEND

- STAGE 1 CONSTRUCTION
- STAGE 2 CONSTRUCTION

STA. 11+76, LT.
CONSTRUCT F.E. (B.A.D.)
(1) CULVERT PIPE CLASS III-A 18-INCH
(2) APRON ENDWALLS REQ'D.

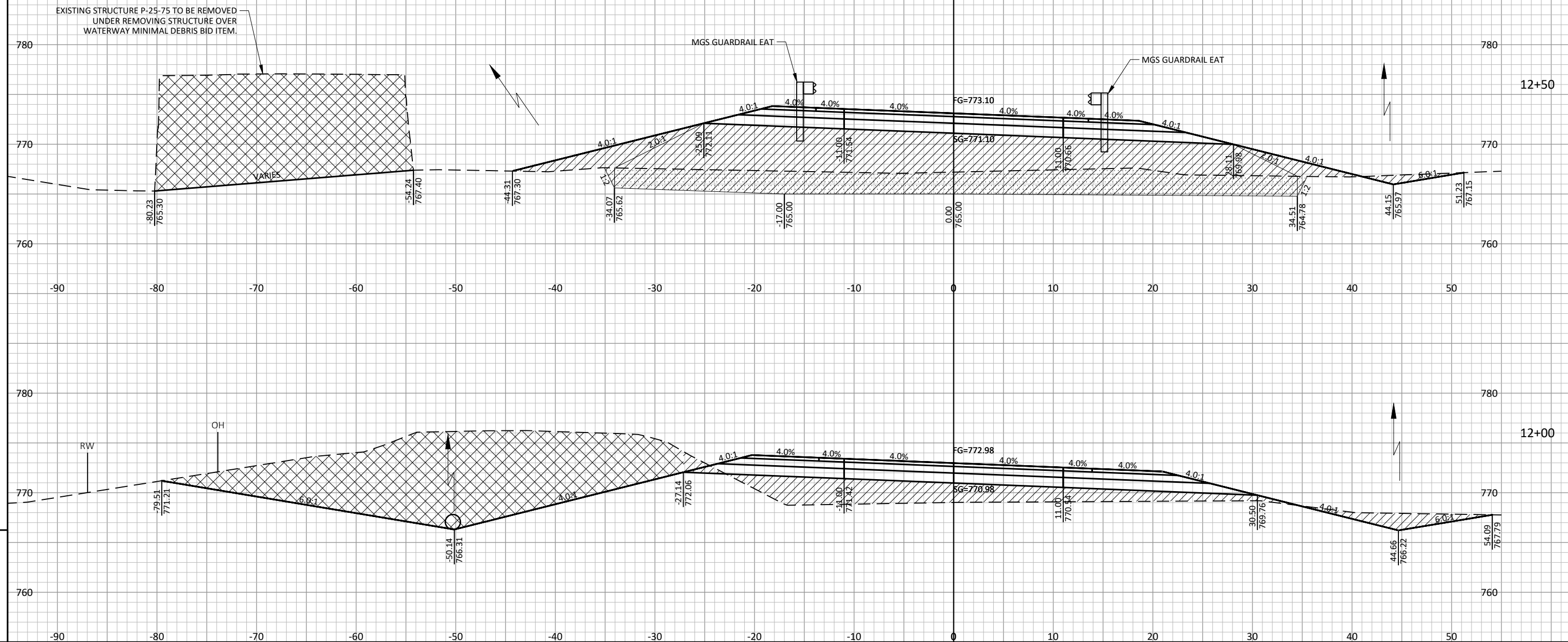
(CROSS SECTION FOLLOWS FINISHED F.E. C/L)



FOR INFORMATION ONLY

LEGEND

- STAGE 1 CONSTRUCTION
- STAGE 2 CONSTRUCTION
- LIMITS OF EXCAVATION MARSH



PROJECT NO: 5682-00-75

HWY: CTH II

COUNTY: IOWA

CROSS SECTIONS: MAINLINE

SHEET

E

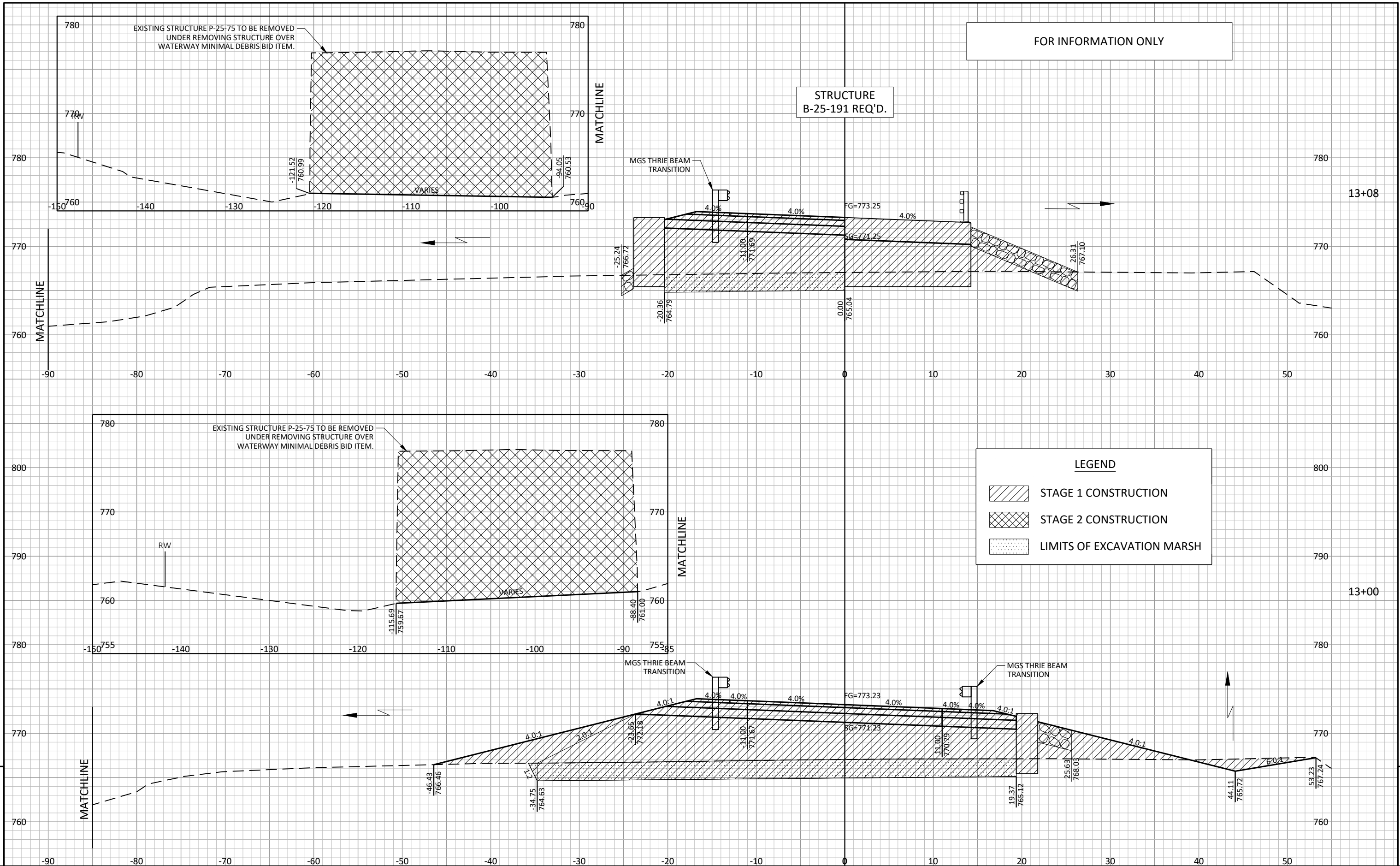
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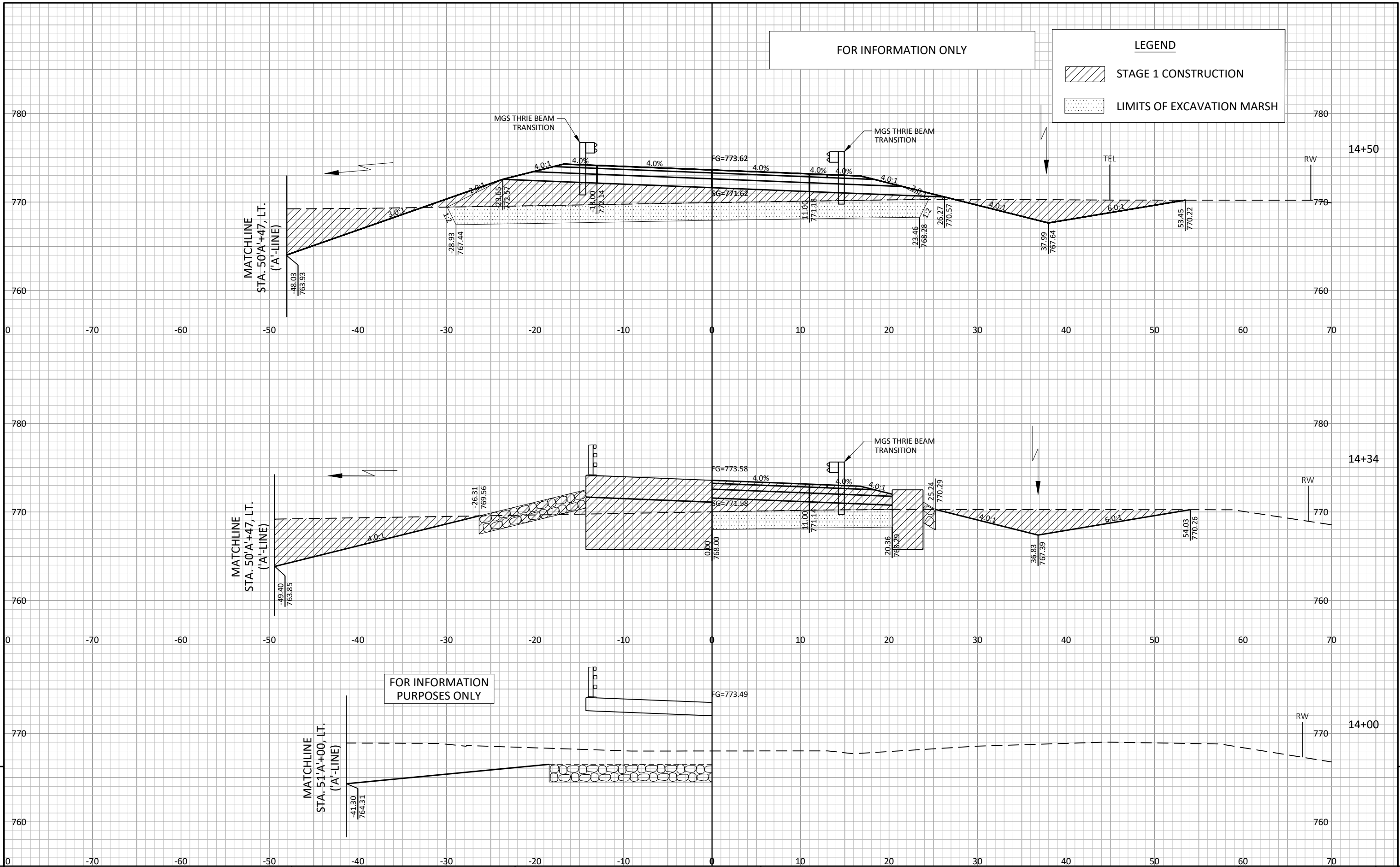
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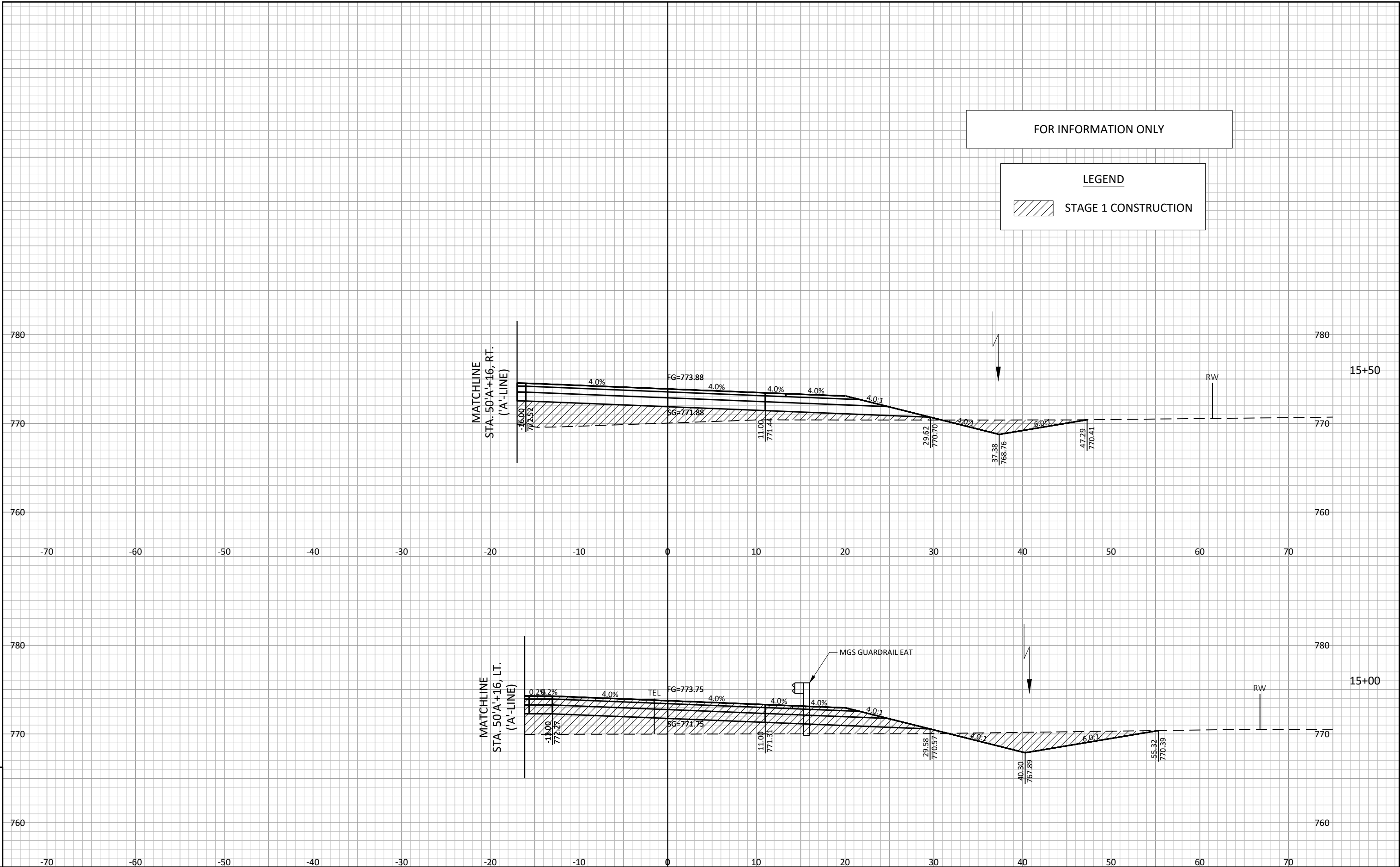
PLOT BY : ETHAN KAAT

PLOT SCALE : 1" = 1'

LAYOUT : MAINLINE 3







FOR INFORMATION ONLY

LEGEND

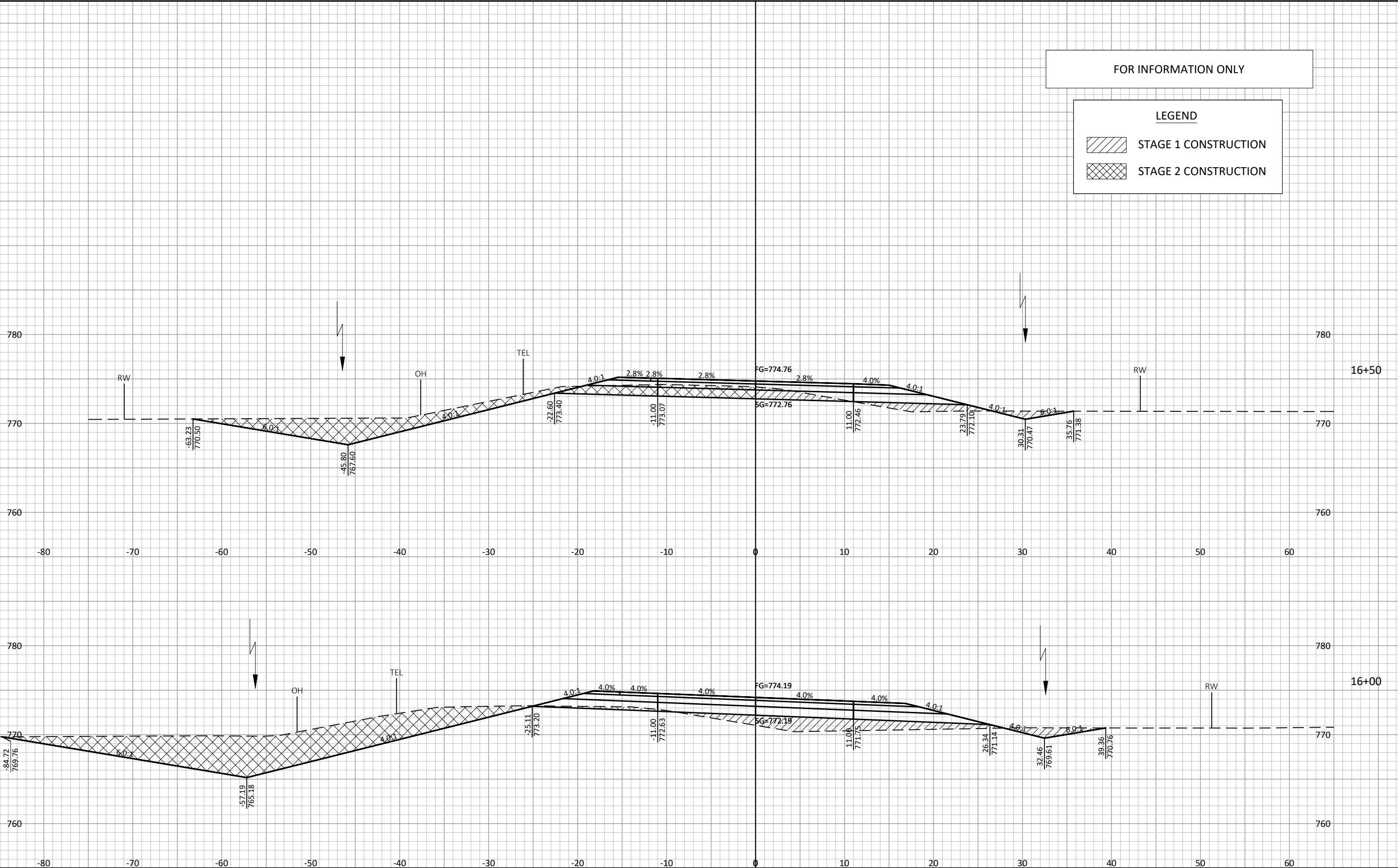
STAGE 1 CONSTRUCTION

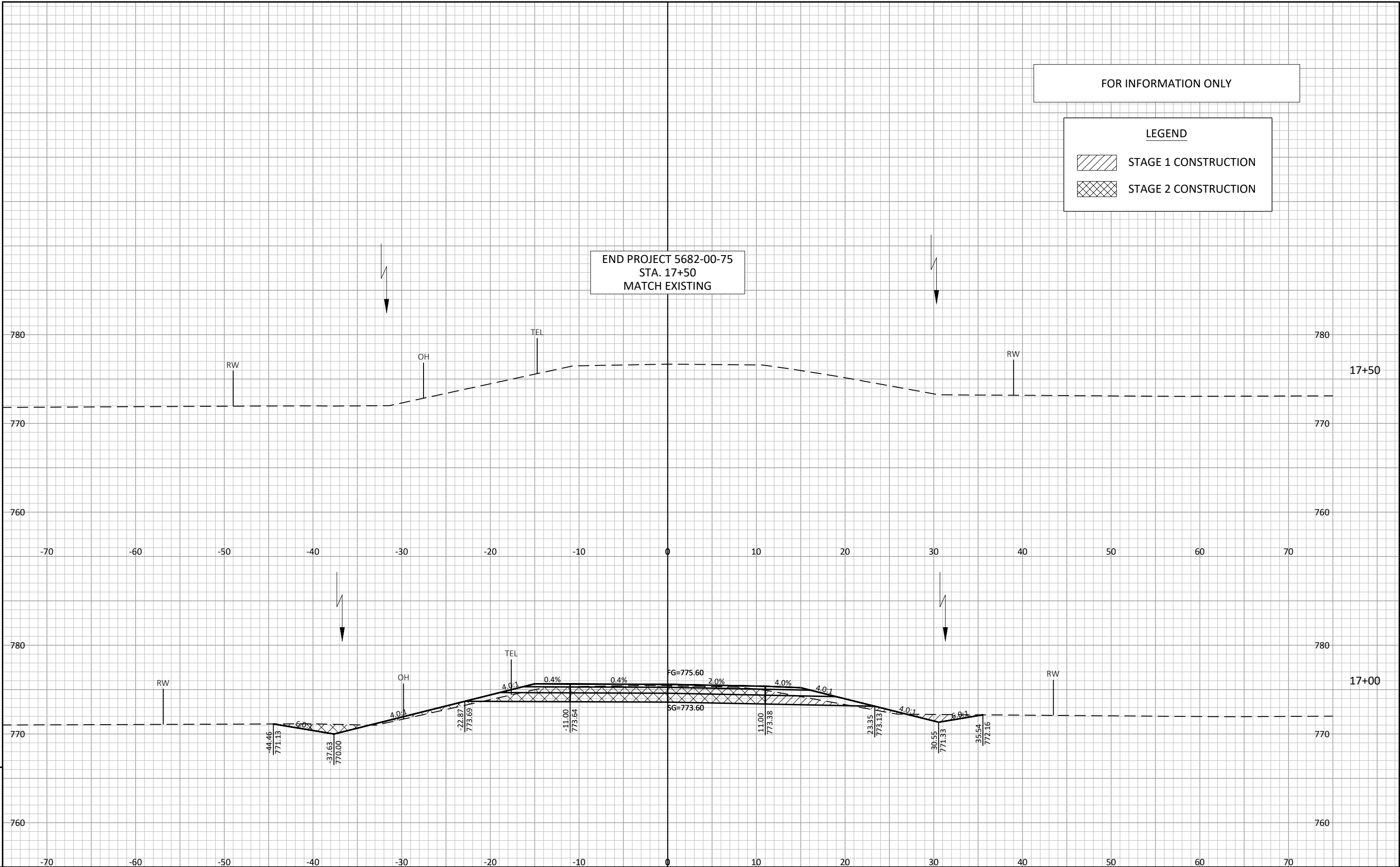
FOR INFORMATION ONLY

LEGEND

STAGE 1 CONSTRUCTION

STAGE 2 CONSTRUCTION

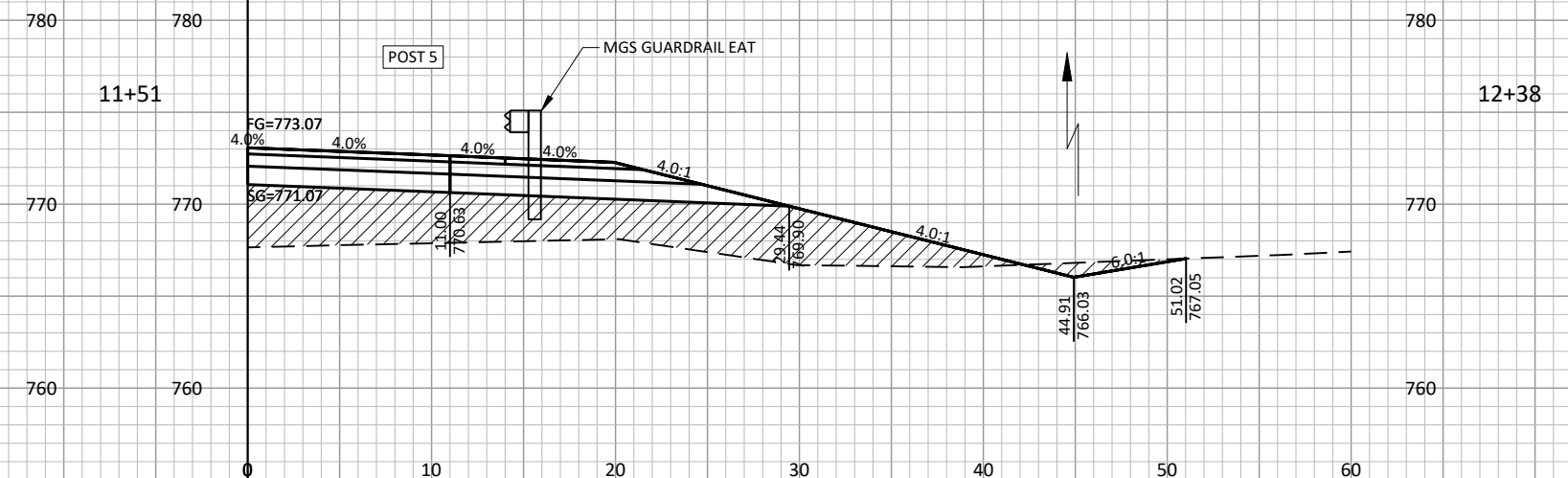
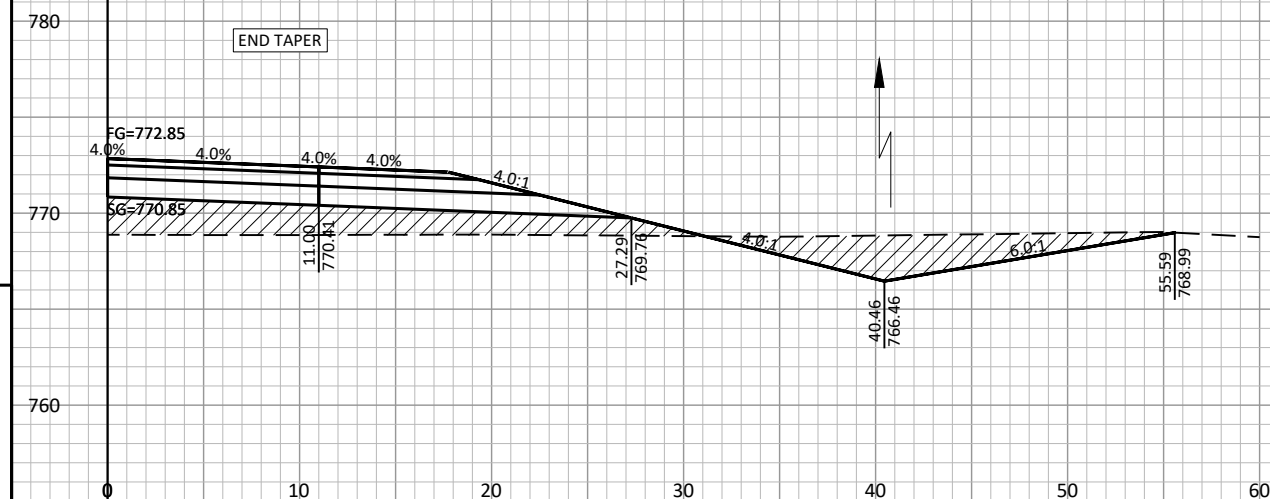
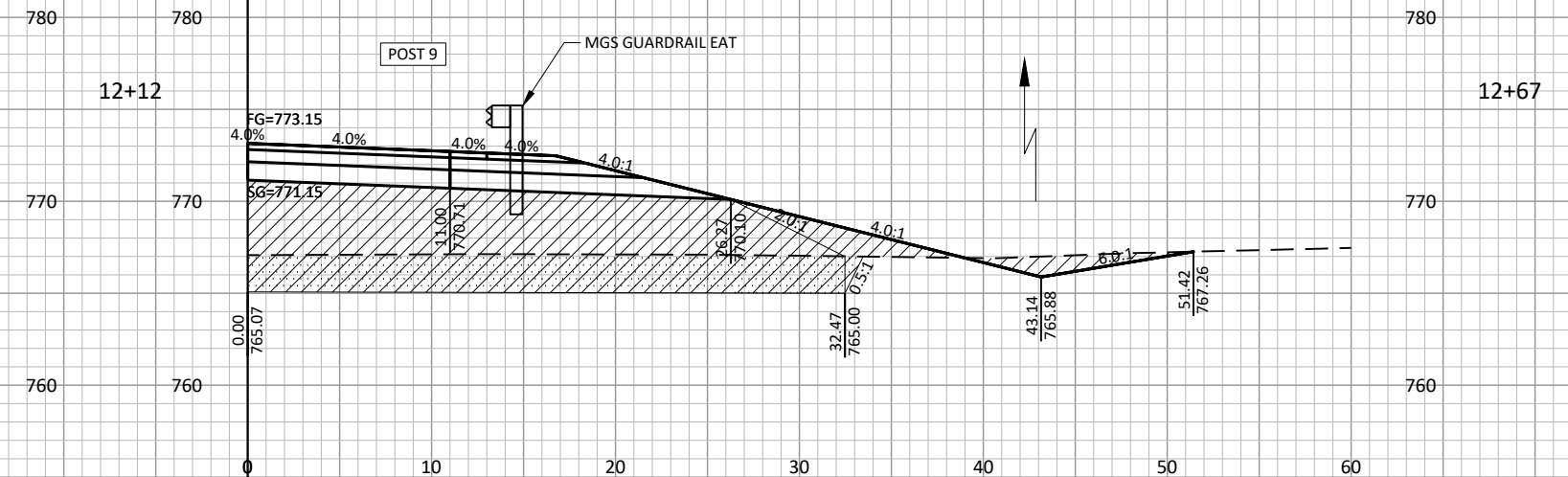
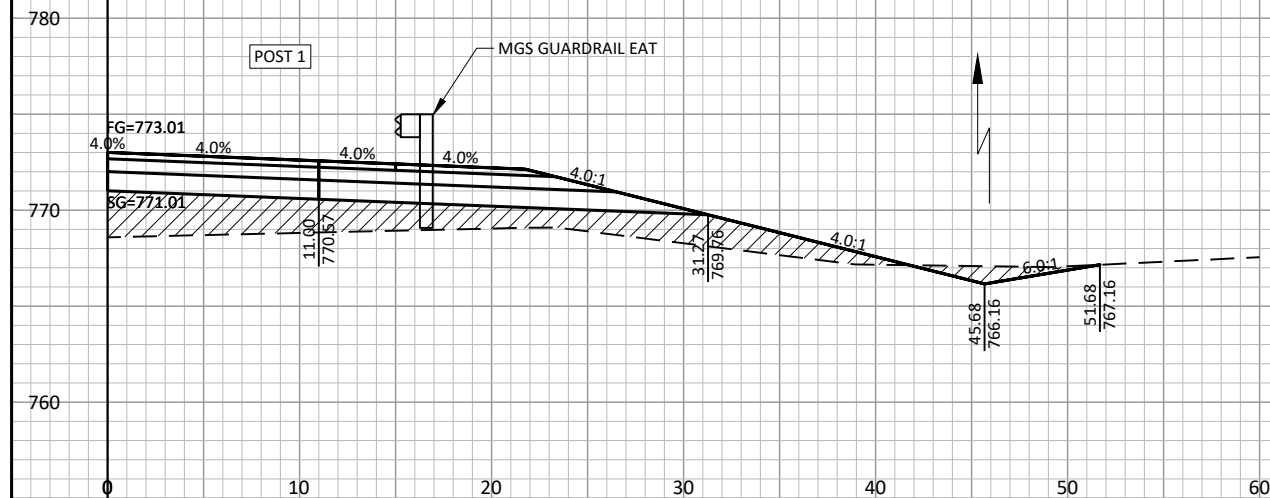




FOR INFORMATION ONLY

LEGEND

- STAGE 1 CONSTRUCTION
- LIMITS OF EXCAVATION MARSH



PROJECT NO: 5682-00-75

HWY: CTH II

COUNTY: IOWA

CROSS SECTIONS: MAINLINE (ENERGY ABSORBING TERMINAL SECTIONS)

SHEET

E

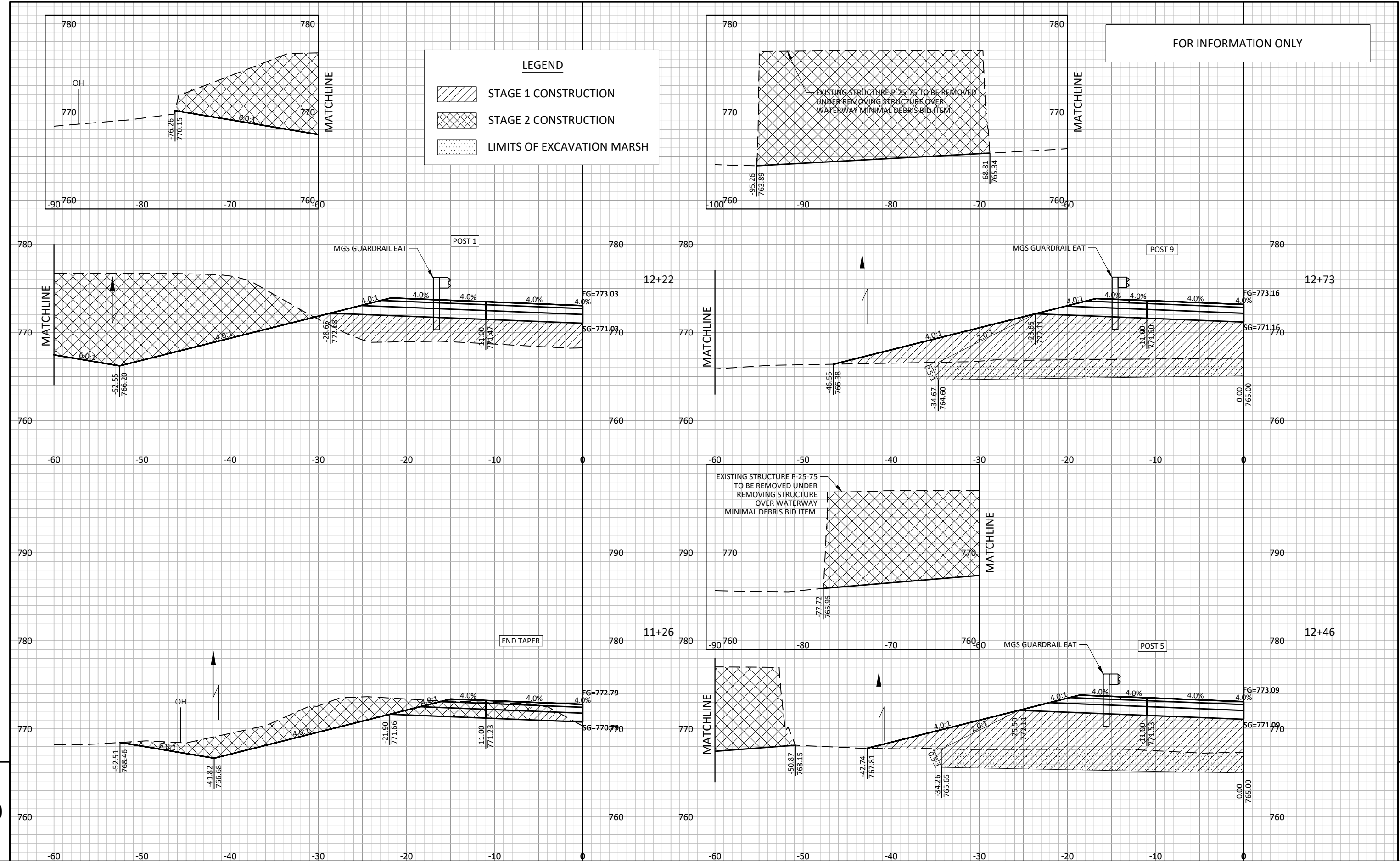
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PLOT BY : ETHAN KAAT

PLOT SCALE : 1" = 1'

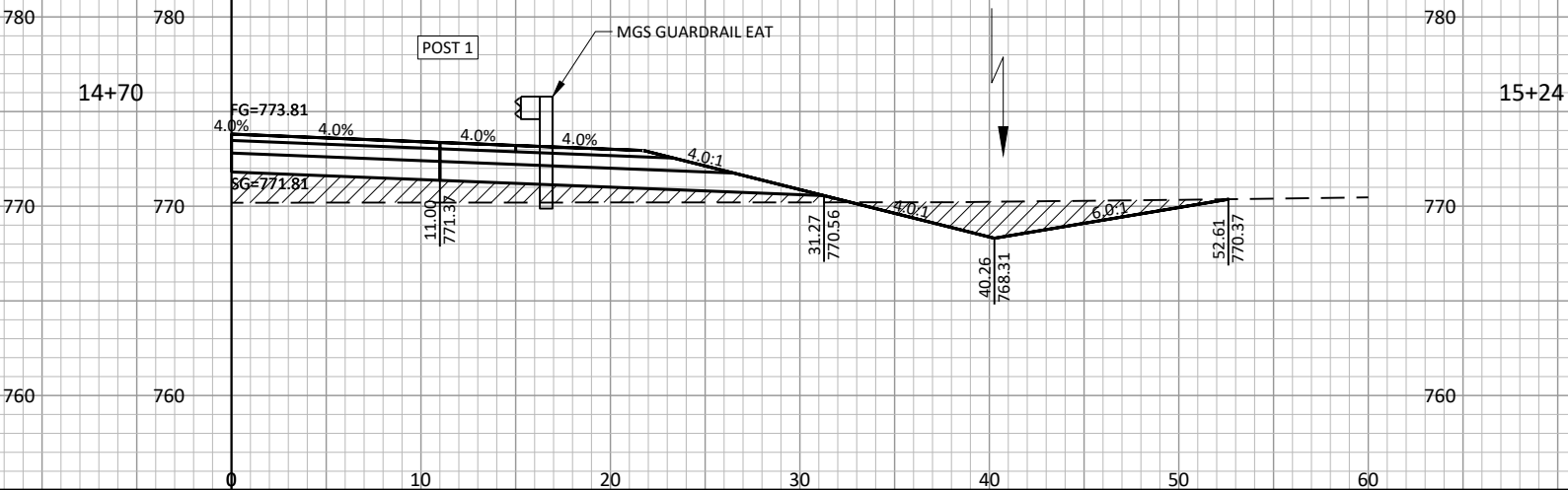
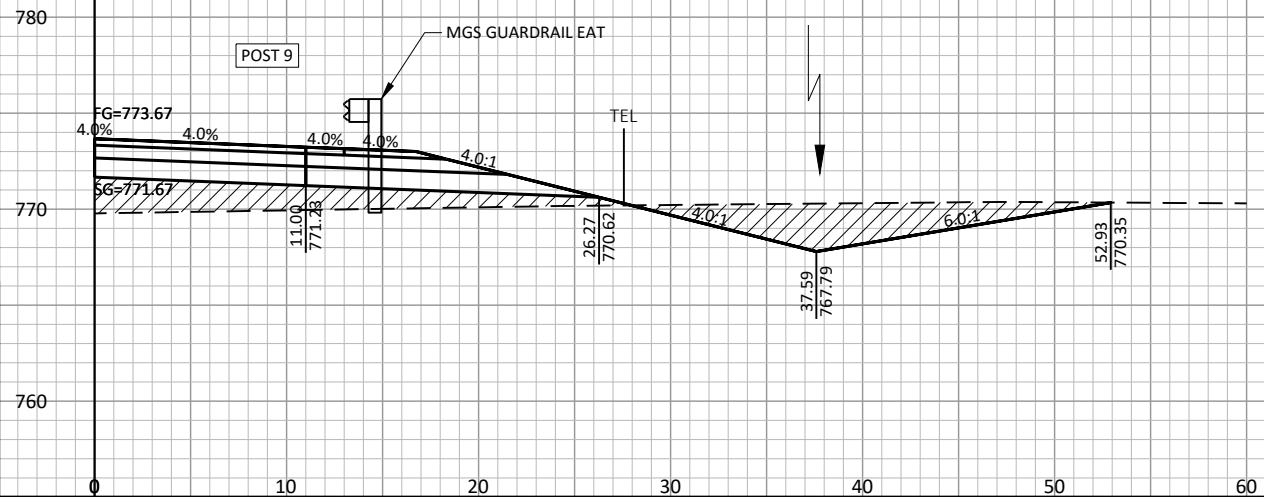
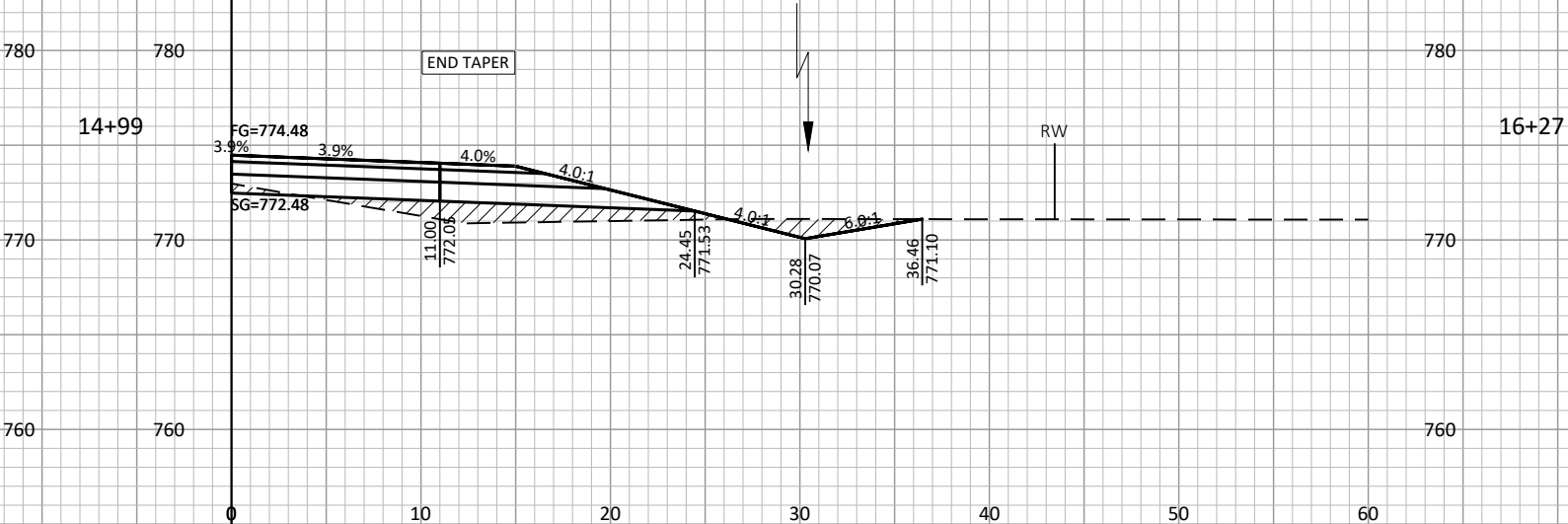
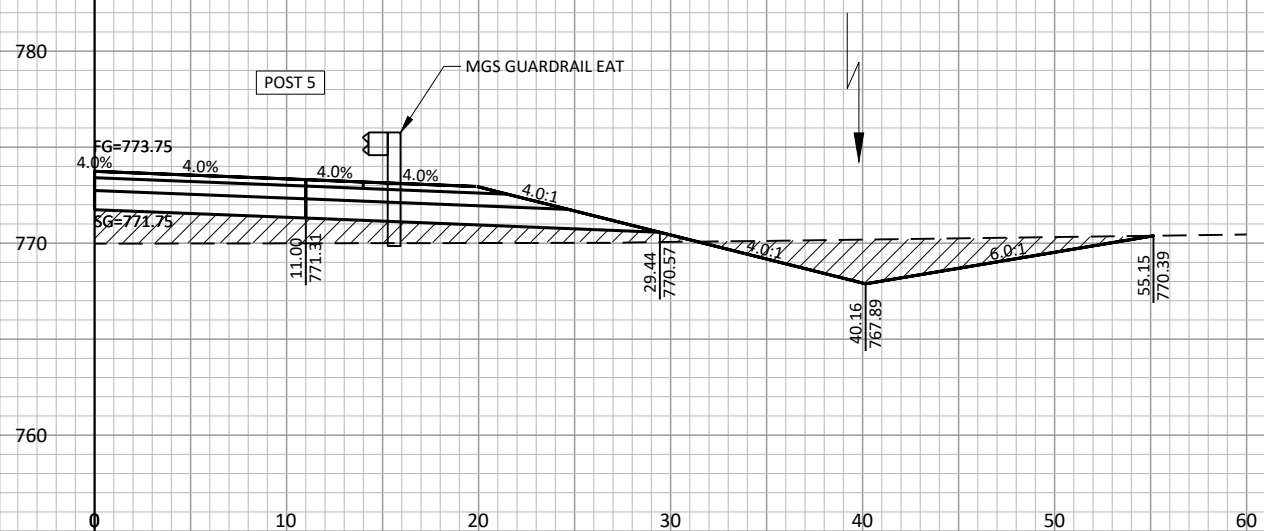
LAYOUT : NW EAT



FOR INFORMATION ONLY

LEGEND

STAGE 1 CONSTRUCTION



PROJECT NO: 5682-00-75

HWY: CTH II

COUNTY: IOWA

CROSS SECTIONS: MAINLINE (ENERGY ABSORBING TERMINAL SECTIONS)

SHEET

E

FILE NAME : S:\PROJECTS\W11614 WISDOT - CTH II, IOWA CO\DESIGN\CORRIDORS\56820005_CORRIDOR.DWG

PLOT DATE : 8/6/2021 9:23:52 AM

PLOT BY : ETHAN KAAT

PLOT SCALE : 1" = 1'

LAYOUT : SW EAT

LEGEND

- STAGE 1 CONSTRUCTION
- STAGE 2 CONSTRUCTION

FOR INFORMATION ONLY

MGS GUARDRAIL SHORT RADIUS

MATCHLINE
STA. 50'A'+47, LT.
(A'-LINE)

MATCHLINE

MATCHLINE
STA. 16+00, LT.
(MAINLINE)

50'A'+50

STA. 50'A'+47
(1) CULVERT PIPE CLASS III-A 36-INCH
(2) APRON ENDWALLS REQ'D.
SKEW = 6° LHF

MATCHLINE

MATCHLINE
STA. 16+00, LT.
(MAINLINE)

50'A'+47

BEGIN CONSTRUCTION
STA. 50'A'+16

MGS GUARDRAIL SHORT RADIUS

50'A'+16

9

9

PROJECT NO: 5682-00-75

HWY: CTH II

COUNTY: IOWA

CROSS SECTIONS: 'A'-LINE (FACTORY ROAD)

SHEET

E

FILE NAME: S:\PROJECTS\W11614 WISDOT - CTH II, IOWA CO\DESIGN\CORRIDORS\56820005_CORRIDOR.DWG

PLOT DATE: 8/6/2021 9:23:54 AM

PLOT BY: ETHAN KAAT

PLOT SCALE: 1" = 1'

LAYOUT: 'A'-LINE 1

FOR INFORMATION ONLY

LEGEND

- STAGE 1 CONSTRUCTION
- STAGE 2 CONSTRUCTION

51'A+50

51'A+00

PROJECT NO: 5682-00-75

HWY: CTH II

COUNTY: IOWA

CROSS SECTIONS: 'A'-LINE (FACTORY ROAD)

SHEET

E

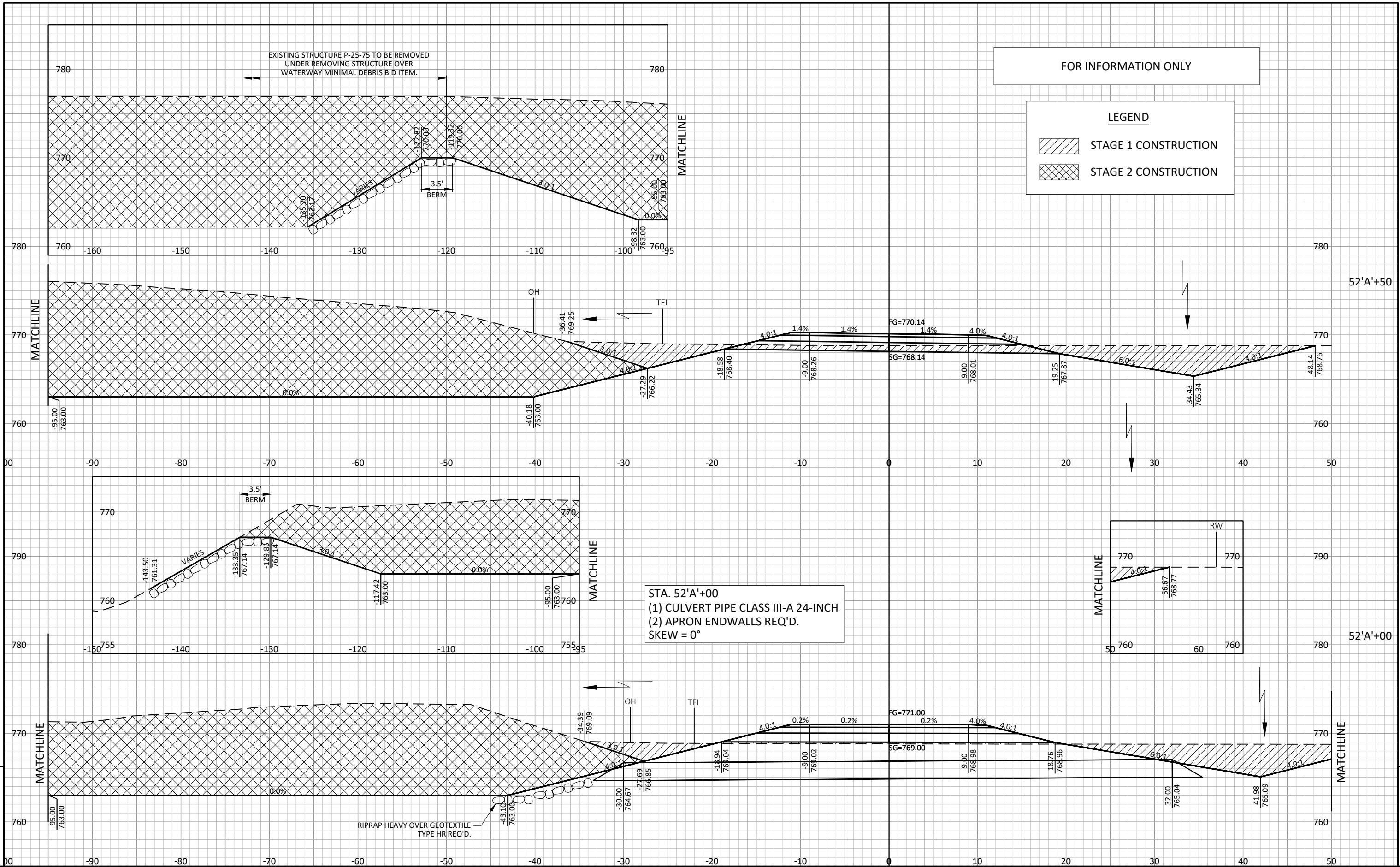
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PLOT BY : ETHAN KAAT

PLOT SCALE : 1" = 1'

LAYOUT : 'A'-LINE 2



FOR INFORMATION ONLY

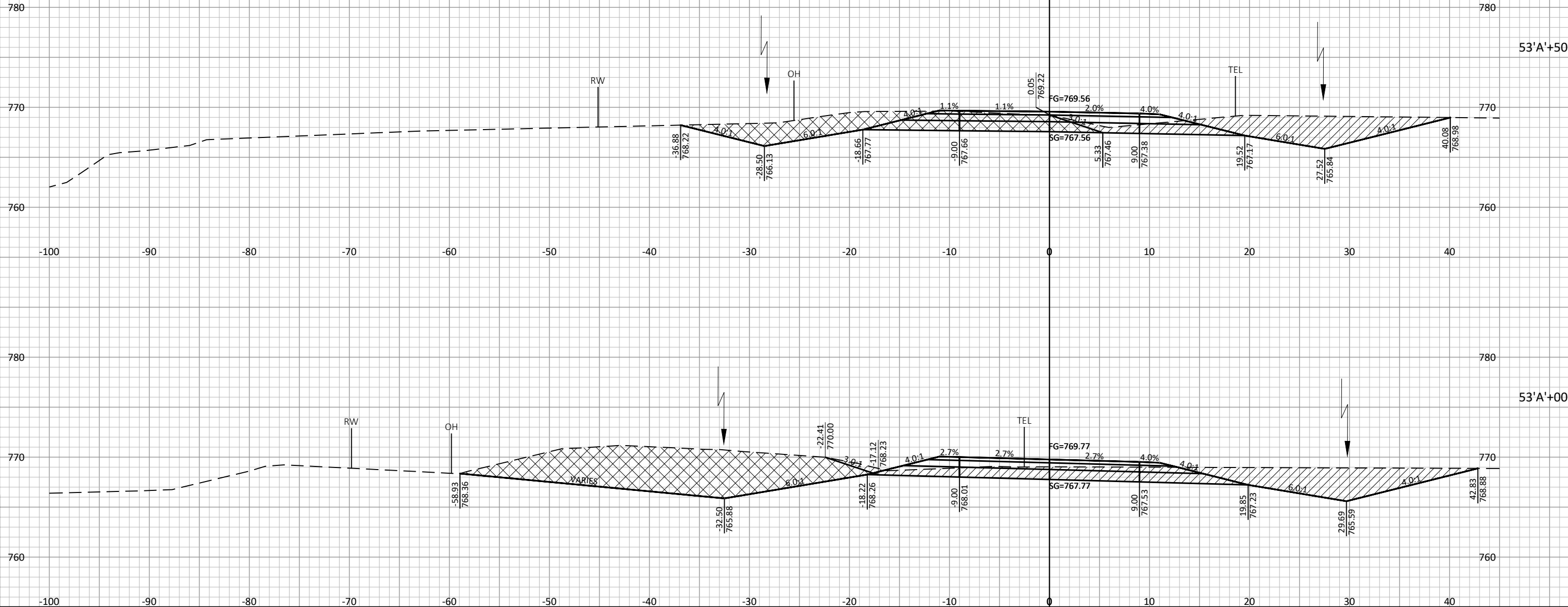
LEGEND



STAGE 1 CONSTRUCTION



STAGE 2 CONSTRUCTION



9

9

PROJECT NO: 5682-00-75

HWY: CTH II

COUNTY: IOWA

CROSS SECTIONS: 'A'-LINE (FACTORY ROAD)

SHEET

E

FILE NAME : S:\PROJECTS\W11614 WISDOT - CTH II, IOWA CO\DESIGN\CORRIDORS\56820005_CORRIDOR.DWG

PLOT DATE : 8/6/2021 9:24:00 AM

PLOT BY : ETHAN KAAT

PLOT SCALE : 1" = 1'

LAYOUT : 'A'-LINE 4

