

NWL

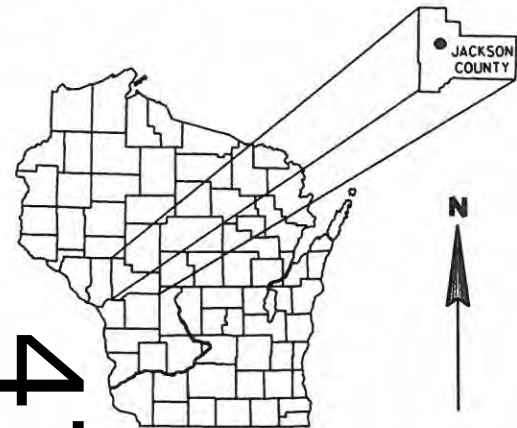
PROJECT ID: 7705-00-70
WITH: 7705-00-50

COUNTY: JACKSON

May 2104
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 Plot~~
- 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 = 160



47

DESIGN DESIGNATION

- A.A.D.T. (2014) = 1840 VPD
- A.A.D.T. (2034) = 2240 VPD
- D.H.V. = 280
- D.D. = 60/40
- T. = 4.8%
- DESIGN SPEED = 55 MPH
- ESALS = 262,800

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

OSSEO - BLACK RIVER FALLS

STH 95 TO CHARCOAL ROAD

CTH A

JACKSON COUNTY

STATE PROJECT NUMBER
7705-00-70

BEGIN PROJECT
STA 102+55.57
Y 129466.34
X 44863.60



GENERAL NOTES

PRIOR TO CONSTRUCTION, CONTACT THE COUNTY SURVEYOR CONCERNING MONUMENT AND PROPERTY CORNER PRESERVATION. LANDMARK REFERENCE MONUMENTS SHALL BE PERPETUATED BY THE CONTRACTOR.

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

MATCH EXISTING DRIVEWAYS WITH IN-KIND MATERIALS.

MATCH CROSS SLOPES OF SUPERELEVATED SECTIONS ON EXISTING ROADWAY.

EXISTING CONCRETE PAVEMENT IS 20' WIDE AND 7 INCHES THICK PER AS-BUILT PLAN.

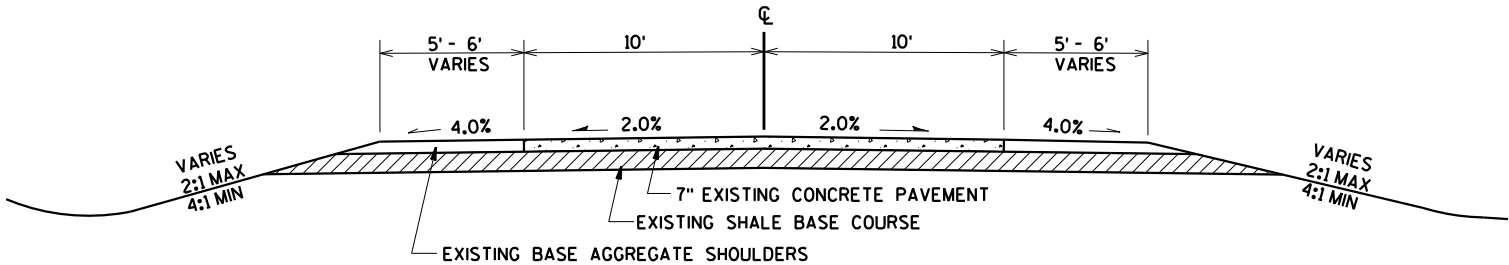
TIE ALL BOX CULVERT AND CULVERT PIPE EXTENSIONS TO EXISTING BOXES & PIPES. COST OF THE TIES IS INCIDENTAL TO OTHER BID ITEMS IN THE CONTRACT.

FIELD VERIFY ALL BOX CULVERT AND CULVERT PIPE SIZES, EXTENSION LENGTHS, AND ENDWALL CONFIGURATIONS PRIOR TO ORDERING MATERIALS.

THERE ARE UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL COORDINATE HIS CONSTRUCTION ACTIVITIES WITH A CALL TO DIGGERS HOTLINE AND/OR A DIRECT CALL TO THE UTILITIES THAT HAVE FACILITIES IN THE AREA. NOT ALL UTILITIES ARE MEMBERS OF DIGGERS HOTLINE.

THERE ARE UTILITY FACILITIES SHOWN ON THE PLANS THAT WERE PLACED FROM FACILITY MAPS AND NOT LOCATED IN THE FIELD.

OVERHEAD ELECTRIC LINES ARE APPROXIMATE AND WERE NOT FIELD SURVEYED.



EXISTING TYPICAL SECTION
CTH A

UTILITIES

- * XCEL ENERGY
1003 SOUTH BLACK RIVER STREET
SPARTA, WI 54656
ATTN: KAYE COOK
608-789-3677
kaye.m.cook@xcelenergy.com
- * CENTURYLINK
835 RED IRON ROAD
BLACK RIVER FALLS, WI 54615
ATTN: DONNA SMOTHERS
715-284-4375
donna.smothers@centurylink.com
- * TRICOUNTY COMMUNICATIONS COOP
23451 WHITEHALL ROAD
INDEPENDENCE, WI 54747
ATTN: MIKE LIGHTFOOT
715-985-6301
mlightfoot@tcc.coop
- * JACKSON ELECTRIC COOPERATIVE
P.O. BOX 546
N6868 COUNTY HIGHWAY E
BLACK RIVER FALLS, WI 54615
ATTN: KEVIN BABCOCK
715-284-5385
kevinb@jackelec.com
- * WE ENERGIES
1921 8TH STREET SOUTH
WISCONSIN RAPIDS, WI 54494
ATTN: BILL GARSKI
715-421-7259
bill.garski@we-energies.com

RAILROAD CONTACT:
WISCONSIN CENTRAL LTD (CN)
1625 DEPOT STREET
STEVENS POINT, WI 54481
ATTN: JACKIE MACEWICZ
PHONE: 715-345-2503
FAX: 715-345-2534
jackie.macewicz@cn.ca

DEPARTMENT OF NATURAL RESOURCES
3550 MORMON COULEE ROAD
LACROSSE, WI 54601
ATTN: KAREN KALVELAGE
608-785-9115
karen.kalvelage@wisconsin.gov

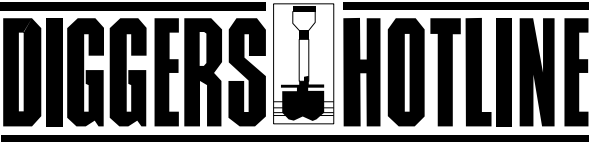
PROJECT DESIGNER:
AYRES ASSOCIATES
3433 OAKWOOD HILLS PARKWAY
EAU CLAIRE, WI 54701
ATTN: JEFF ABRAMSON, PE
715-834-3161
abramsonj@ayresassociates.com

VILLAGE OF HIXTON
P.O. BOX 127
145 EAST MAIN STREET
HIXTON, WI 54635
ATTN: DANNY COWLEY - PRESIDENT
715-963-3732

JACKSON COUNTY COMMISSIONER
119 HARRISON STREET
BLACK RIVER FALLS, WI 54701-7698
ATTN: RANDY ANDERSON
715-284-0233

WISCONSIN CENTRAL LTD IS NOT A MEMBER OF DIGGERS HOTLINE
WISCONSIN CENTRAL LTD (CN)
CALL BEFORE YOU DIG
CHRISTIE GRZESIAK
715-345-2506

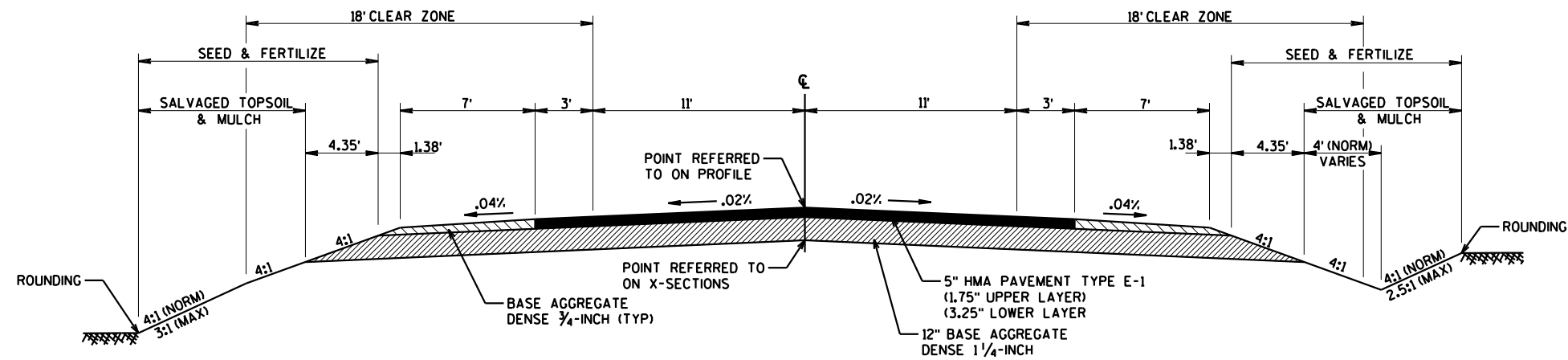
* DENOTES DIGGERS HOTLINE MEMBER



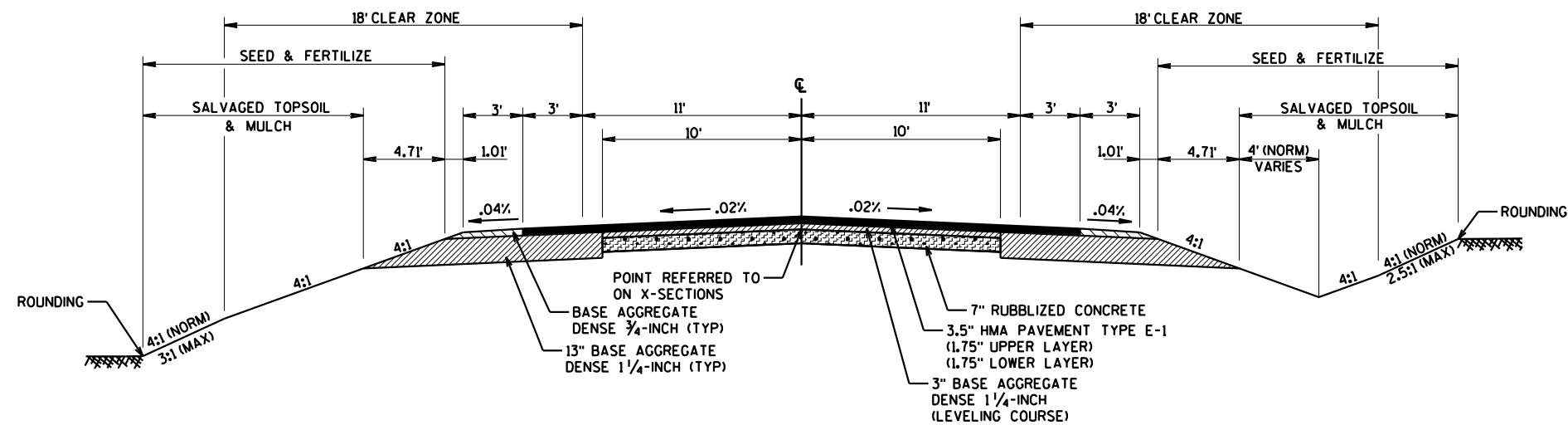
Dial 811 or (800) 242-8511
www.DiggersHotline.com

ABBREVIATIONS

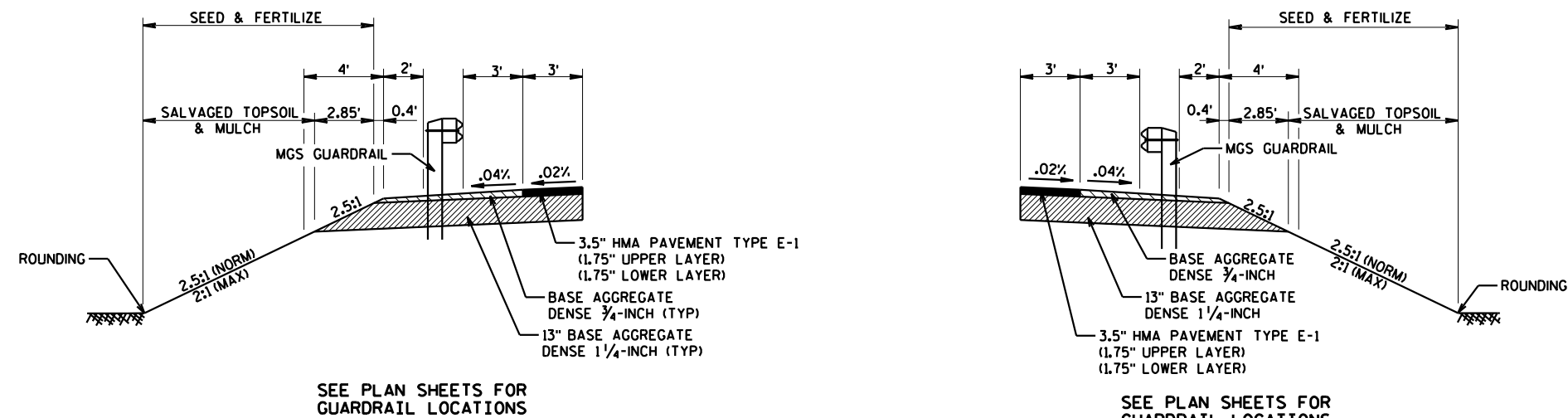
AGG.	AGGREGATE	MON.	MONUMENT
AH.	AHEAD	NORM.	NORMAL
ALUM.	ALUMINUM	P.L.E.	PERMANENT LIMITED EASEMENT
ASPH.	ASPHALTIC	P.I.	POINT OF INTERSECTION
BK.	BACK	P.P.	POPLAR
B.M.	BENCH MARK	P.E.	PRIVATE ENTERANCE
BLDG.	BUILDING	P.L.	PROPERTY LINE
C.B.	CATCH BASIN	R	RADIUS OR RANGE
CL	CENTERLINE	R.R.	RAILROAD
C.E.	COMMERCIAL ENTRANCE	RL	REFERENCE LINE
CONC.	CONCRETE	R.D.E.	RESTRICTED DEVELOPMENT EASEMENT
CONST.	CONSTRUCT	R/W	RIGHT OF WAY
COR.	CORNER	SAN.	SANITARY
CULV.	CULVERT		



FINISHED TYPICAL SECTION CTH A (RECONSTRUCT)
STA 102+55.57 - STA 107+00.00



FINISHED TYPICAL SECTION CTH A (RECONDITION)
STA 107+00.00 - STA 371+00.00



SEE PLAN SHEETS FOR
GUARDRAIL LOCATIONS

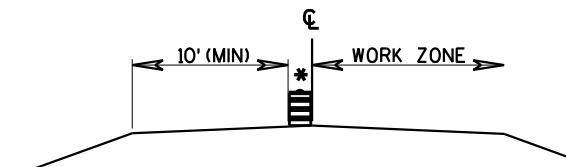
SEE PLAN SHEETS FOR
GUARDRAIL LOCATIONS

SEE SDD "BARRICADES AND SIGNS FOR MAINLINE CLOSURES" FOR ADDITIONAL DETAILS.

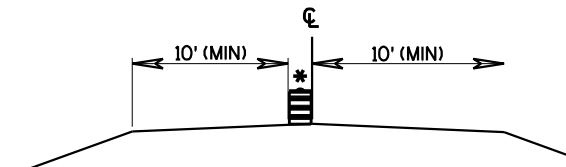
SEE SDD "BARRICADES AND SIGNS FOR SIDEROAD CLOSURES" FOR ADDITIONAL DETAILS.

SEE SDD "TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)" FOR ADDITIONAL DETAILS.

SEE SDD "TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY" FOR ADDITIONAL DETAILS.

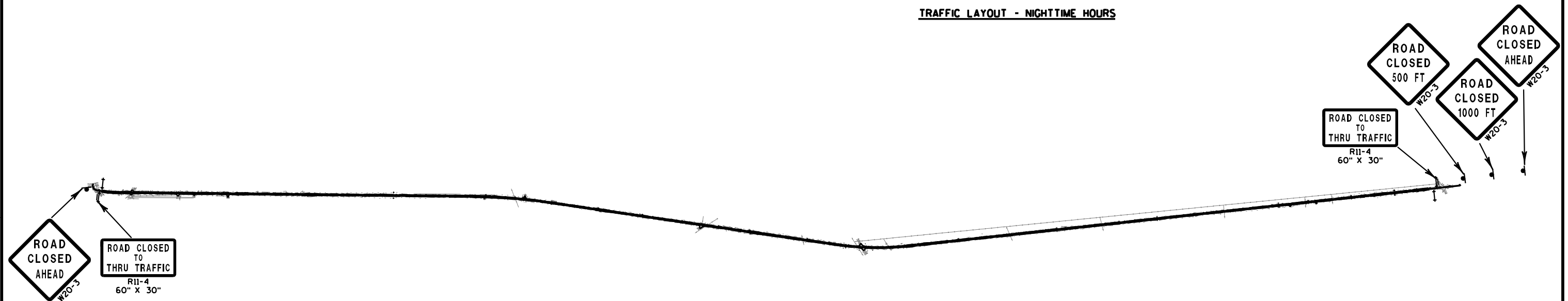


TRAFFIC LAYOUT - WORKING HOURS



TRAFFIC LAYOUT - NIGHTTIME HOURS

* PLACE TRAFFIC CONTROL DRUM WITH TYPE A WARNING LIGHTS WHERE THERE IS A DIFFERENCE IN ELEVATION BETWEEN EXISTING CONCRETE LANE AND LEVELING GRAVEL/RUBBLIZED MATERIAL.



PLACE EVERY 1 MILE IN AREAS WHERE LEVELING GRAVEL IS PLACED ON RUBBLIZED MATERIAL

NOTE:
FOLLOW DETAIL 4 FROM SDD "BARRICADES AND SIGNS FOR SIDEROAD CLOSURES" AT THE FOLLOWING SIDE ROADS: DEPOT ST, LOCUST DR, HAGEN DR, WHITESPIRE DR, TANK RD, GREEN ACRES RD, POLE GROVE RD, PINE CREEK RD, AND MAPLE LN.

TRAFFIC CONTROL NOTES:

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THAT THE BACKGROUND IS ORANGE. ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

ALL SIGNS INAPPROPRIATE TO THE STATUS OF THE TRAFFIC CONTROL WORK ZONE, INCLUDING PRE-EXISTING SIGNING, SHALL BE COVERED OR REMOVED AS DIRECTED BY THE FIELD ENGINEER.

ALL SIGNS AND DEVICES SHALL BE IN CONFORMANCE WITH THE WISCONSIN MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (WMUTCD).

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

EXISTING TRAFFIC SIGNS MAY REQUIRE RELOCATION DURING STAGES OF CONSTRUCTION AND SHALL BE LOCATED AS REQUIRED BY THE FIELD ENGINEER.

SIGNS FOR MAINLINE C

DATE 31MAR14		E S T I M A T E O F Q U A N T I T I E S			
LINE				7705-00-70	
NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	QUANTITY
0010	201.0105	CLEARING	STA	14.000	14.000
0020	201.0205	GRUBBING	STA	14.000	14.000
0030	204.0100	REMOVING PAVEMENT	SY	3,655.000	3,655.000
0040	204.0110	REMOVING ASPHALTIC SURFACE	SY	2,274.000	2,274.000
0050	204.0165	REMOVING GUARDRAIL	LF	391.000	391.000
0060	205.0100	EXCAVATION COMMON	CY	17,008.000	17,008.000
0070	208.0100	BORROW	CY	7,025.000	7,025.000
0080	213.0100	FINISHING ROADWAY (PROJECT) 01.	EACH	1.000	1.000
		7705-00-70			
0090	305.0110	BASE AGGREGATE DENSE 3/4-INCH	TON	6,100.000	6,100.000
0100	305.0120	BASE AGGREGATE DENSE 1 1/4-INCH	TON	62,000.000	62,000.000
0110	335.0100	RUBBLIZING	SY	56,589.000	56,589.000
0120	440.4410.S	INCENTIVE IRI RIDE	DOL	20,320.000	20,320.000
0130	455.0105	ASPHALTIC MATERIAL PG58-28	TON	926.000	926.000
0140	455.0605	TACK COAT	GAL	2,400.000	2,400.000
0150	460.1101	HMA PAVEMENT TYPE E-1	TON	16,832.000	16,832.000
0160	460.2000	INCENTIVE DENSITY HMA PAVEMENT	DOL	10,780.000	10,780.000
0170	465.0120	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	TON	87.000	87.000
0180	520.8000	CONCRETE COLLARS FOR PIPE	EACH	24.000	24.000
0190	521.1024	APRON ENDWALLS FOR C			

DATE 31MAR14		E S T I M A T E O F Q U A N T I T I E S			
LINE					7705-00-70
NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	QUANTITY
0480	638.3000	REMOVING SMALL SIGN SUPPORTS	EACH	2.000	2.000
0490	642.5001	FIELD OFFICE TYPE B	EACH	1.000	1.000
0500	643.0100	TRAFFIC CONTROL (PROJECT) 01. 7705-00-70	EACH	1.000	1.000
0510	645.0130	GEOTEXTILE FABRIC TYPE R	SY	24.000	24.000
0520	646.0106	PAVEMENT MARKING EPOXY 4-INCH	LF	62,324.000	62,324.000
0530	647.0110	PAVEMENT MARKING RAILROAD CROSSINGS	EACH	2.000	2.000
0540	648.0100	LOCATING NO-PASSING ZONES	MI	5.080	5.080
0550	650.4500	CONSTRUCTION STAKING SUBGRADE	LF	26,844.000	26,844.000
0560	650.5000	CONSTRUCTION STAKING BASE	LF	26,844.000	26,844.000
0570	650.9910	CONSTRUCTION STAKING SUPPLEMENTAL	LS	1.000	1.000
0580	650.9920	CONSTRUCTION STAKING SLOPE STAKES	LF	26,844.000	26,844.000
0590	690.0150	SAWING ASPHALT	LF	510.000	510.000
0600	690.0250	SAWING CONCRETE	LF	80.000	80.000
0610	ASP.1T0A	ON-THE-JOB TRAINING APPRENTICE AT \$5.00/HR	HRS	2,000.000	2,000.000
0620	ASP.1T0G	ON-THE-JOB TRAINING GRADUATE AT \$5.00/HR	HRS	630.000	630.000
0630	SPV.0060	SPECIAL 01. REMOVE AND REPLACE EXISTING SIGNS	EACH	29.000	29.000
0640	SPV.0090	SPECIAL 01. BOX CULVERT EXTENSION, 42-INCH X 60-INCH	LF	24.000	24.000
0650	SPV.0090	SPECIAL 02. BOX CULVERT EXTENSION, 42			

CLEARING AND GRUBBING				REMOVING PAVEMENT			EARTHWORK SUMMARY							
STATION TO STATION	LOCATION	201.0105	201.0205	STATION TO STATION	LOCATION	204.0100 SY	STATION TO STATION	LOCATION	205.0100	(1)	FILL CY	(2)	(3)	WASTE
		CLEARING STA	GRUBBING STA						EXCAVATION COMMON CY	EBS CY		EXPANDED FILL CY	208.0100 BORROW CY	
139+00 - 140+00	LT	1	1	102+56 - 107+00	CTH A	987	102+40 - 267+00	CTH A	10183		11569	15040	4857	-4857
165+00 - 175+00	LT	10	10	107+00 - 110+00	CTH A	667	268+00 - 371+00	CTH A	5825		5148	6693	868	-868
179+00 - 182+00	LT	3	3	264+77 - 267+77	CTH A	667	UNDISTRIBUTED			1000	---	1300	1300	1000
				268+11 - 271+11	CTH A	667								
				368+00 - 371+00	CTH A	667								
TOTALS		14	14	TOTAL		3655	PROJECT TOTALS		17008				7025	
REMOVING ASPHALTIC SURFACE														
						204.0110								
						SY								

CULVERT PIPE REINFORCED CONCRETE ITEMS

STATION	LOCATION	522.0124	522.0130	522.0136	522.1024	522.1030	520.8000
		24-INCH	CLASS III	36-INCH	24-INCH	30-INCH	CONCRETE
		LF	30-INCH	LF	EACH	EACH	COLLARS
		LF	LF				EACH
126+98	CL, LT	3	---	---	1	---	1
126+98	CL, RT	2	---	---	1	---	1
161+45	CL, LT	---	---	12	---	---	1
161+45	CL, RT	---	---	12	---	---	1
187+62	CL, LT	7	---	---	1	---	1
187+62	CL, RT	2	---	---	1	---	1
193+41	CL, LT	4	---	---	---	---	1
193+41	CL, RT	4	---	---	---	---	1
206+00	CL, LT	---	---	---	1	---	---
206+00	CL, RT	---	---	---	1	---	---
211+92	CL, LT	18	---	---	---	---	1
227+42	CL, LT	4	---	---	1	---	1
227+42	CL, RT	2	---	---	1	---	1
245+67	CL, LT	10	---	---	---	---	1
245+67	CL, RT	4	---	---	---	---	1
253+42	CL, RT	4	---	---	1	---	1
253+42	CL, LT	---	---	---	1	---	---
276+25	CL, LT	8	---	---	---	---	1
296+26	CL, LT	4	---	---	1	---	1
296+26	CL, RT	---	---	---	1	---	---
308+86	CL, LT	---	3	---	---	1	1
308+86	CL, RT	---	---	---	---	1	---
316+59	CL, LT	---	3	---	---	1	1
316+59	CL, RT	---	3	---	---	1	1
347+26	CL, LT	4	---	---	1	---	1
347+26							

EROSION MAT CLASS I TYPE B		
STATION TO STATION	LOCATION	628.2004 SY
129+75 - 130+06	LT	47
143+87 - 145+00	LT	109
144+00 - 144+50	RT	56
159+00 - 162+00	RT	1173
160+00 - 163+00	LT	1425
179+00 - 180+50	RT	450
178+00 - 181+25	LT	985
203+10 - 203+80	RT	85
202+50 - 203+00	LT	82
233+00 - 234+50	RT	152
233+00 - 234+85	LT	275
359+60 - 361+00	RT	150
360+00 - 361+00	LT	154
363+50 - 366+50	LT	873
364+50 - 366+70	RT	549
368+50 - 369+50	LT	153
369+36 - 370+00	RT	84
UNDISTRIBUTED		2302
TOTAL		9104

INLET PROTECTION TYPE A		
STATION	LOCATION	628.7005 EACH
106+95	RT	1
UNDISTRIBUTED		1
TOTAL		2

TEMPORARY DITCH CHECKS		
STATION	LOCATION	628.7504 LF
188+00	TANK ROAD	20
UNDISTRIBUTED		20
TOTAL		40

CULVERT PIPE CHECKS		
STATION	LOCATION	628.7555 EACH
DEPOT ST	LT/RT	4
110+50	LT	2
112+50	LT	2
119+07	CL, RT	9
126+98	CL, RT	3
161+45	CL, RT	18
176+08	LT, PE	2
182+61	RT, FE	2
187+62	CL, RT	3
193+41	CL, RT	6
211+92	CL, RT	9
220+32	LT, PE	2
222+43	LT, PE	2
227+42	CL, RT	3
228+42	LT, FE	2
237+31	LT, PE	2

CONSTRUCTION STAKING

STATION TO STATION	LOCATION	650.4500	650.5000	650.9920
		SUBGRADE LF	BASE LF	SLOPE STAKES LF
102+55.57-371+00	CTH A	26844	26844	26844
TOTALS		26844	26844	26844

CONSTRUCTION STAKING SUPPLEMENTAL CONTROL

PROJECT	650.9910 LS
7705-00-70	1

SAWING ASPHALT

STATION	LOCATION	690.0150 LF
110+25	LT, CE	30
112+20	LT, CE	50
119+60	LT, PE	40
125+90	RT, PE	25
142+83	LT, PE	40
243+00	LT, PE	20
245+17	RT, PE	20
304+56	RT, PE	20
351+59	RT, PE	30
DEPOT	LT/RT	50
LOCUST	RT	30
HAGEN	RT	15
WHITESPIRE	RT	25
TANK	LT	15
GREEN ACRES	RT	25
POLE GROVE	LT	25
PINE CREEK	RT	30
MAPLE LANE	RT	20
TOTAL		510

SAWING CONCRETE

STATION	LOCATION	690.0250 LF
102+55.57	CTH A	40
371+00	CTH A	40
TOTAL		80

REMOVE AND REPLACE EXISTING SIGNS

PROJECT	SPV.0060.01 EACH
7705-00-70	29
TOTAL	29

BOX CULVERT EXTENSION

STATION	LOCATION	SPV.0090.01 42-INCH x 60-INCH	SPV.0090.02 42-INCH x 48-INCH	SPV.0090.03 48-INCH x 60-INCH	SPV.0090.04 72-INCH x 60-INCH	SPV.0090.05 120-INCH x 60-INCH
		LF	LF	LF	LF	LF
129+96	CL, LT	6	---	---		

POST #J
STA 131+09.28, 19' RT
STA 131+51.07, 19' LT

STA 128+57 - STA 131+51, LT
STA 128+53 - STA 131+09, RT
MGS GUARDRAIL REQ'D

POST #J
STA 142+88.48, 19' RT
STA 143+25.50, 19' LT

STA 143+25 - STA 145+57, LT
STA 142+88 - STA 145+07, RT
MGS GUARDRAIL REQ'D

STA 144+16
EXISTING 42"x48" CONCRETE
BOX TO REMAIN
EXTENSIONS LT/RT REQ'D

STA 142+83, LT
CONSTRUCT P.E.
(ASPHALT)
SAWCUT REQ'D

HIXTON SIGN AND
PLANTER TO REMAIN

EXISTING R/W

SLOPE INTERCEPT

CTH A

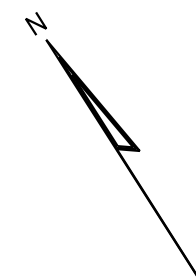
S 57°26'07" E

SLOPE INTERCEPT

EXISTING R/W

STA 142+75, RT
CONSTRUCT F.E.
(GRAVEL)

STA 143+87, RT
REMOVE F.E.



	RIPRAP MEDIUM
	CULVERT PIPE CHECKS
	TEMPORARY DITCH CHECKS
	EROSION MAT CLASS I TYPE B
	SILT FENCE

POST #J
STA 145+07.24, 19' RT
STA 145+56.76, 19' LT

STA 159+40 - STA 163+59, LT
MGS GUARDRAIL REQ'D

POST #J
STA 159+39.74, 19' LT

EXISTING R/W

SLOPE INTERCEPT

CTH A

S 57°26'07" E

SLOPE INTERCEPT

EXISTING R/W

PROJECT NO: 7705-00-70

HWY: CTH A

COUNTY: JACKSON

PLAN

SHEET

E

FILE NAME : T:\410602\dgn\050103_pp.dgn

5

