

11-21-14 LETTING ITEM 038
FOR INDEX SEE SHEET 2

FOR HIGHWAY STANDARDS SEE SHEET 2

GENESEO TOWNSHIP, SECTION 28, 29, 33, 34, 35, 36
ATKINSON TOWNSHIP, SECTION 31, 32, 33, 34
CORNWALL TOWNSHIP, SECTION 1, 2, 3
ALBA TOWNSHIP, SECTION 31, 32, 33
ANNAWAN TOWNSHIP, SECTION 1, 2, 3, 4, 6

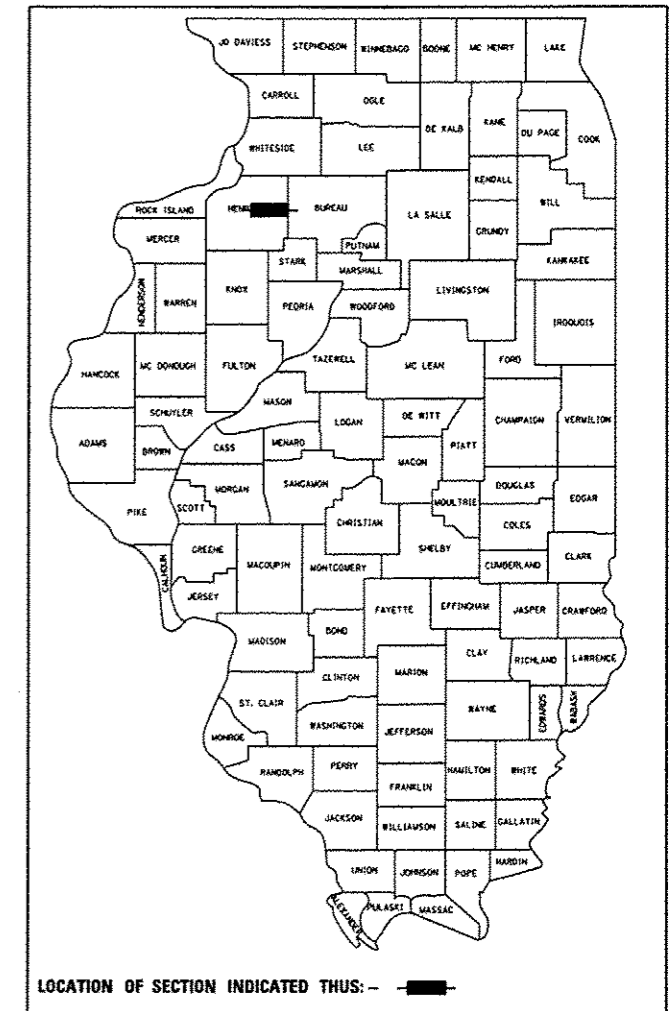
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PROPOSED
HIGHWAY PLANS**

FAI ROUTE 80 (I-80)
SECTION (37-4,5,6)RS-2
PROJECT: ACNHPP-0080 (407)
HENRY COUNTY

C-92-095-14

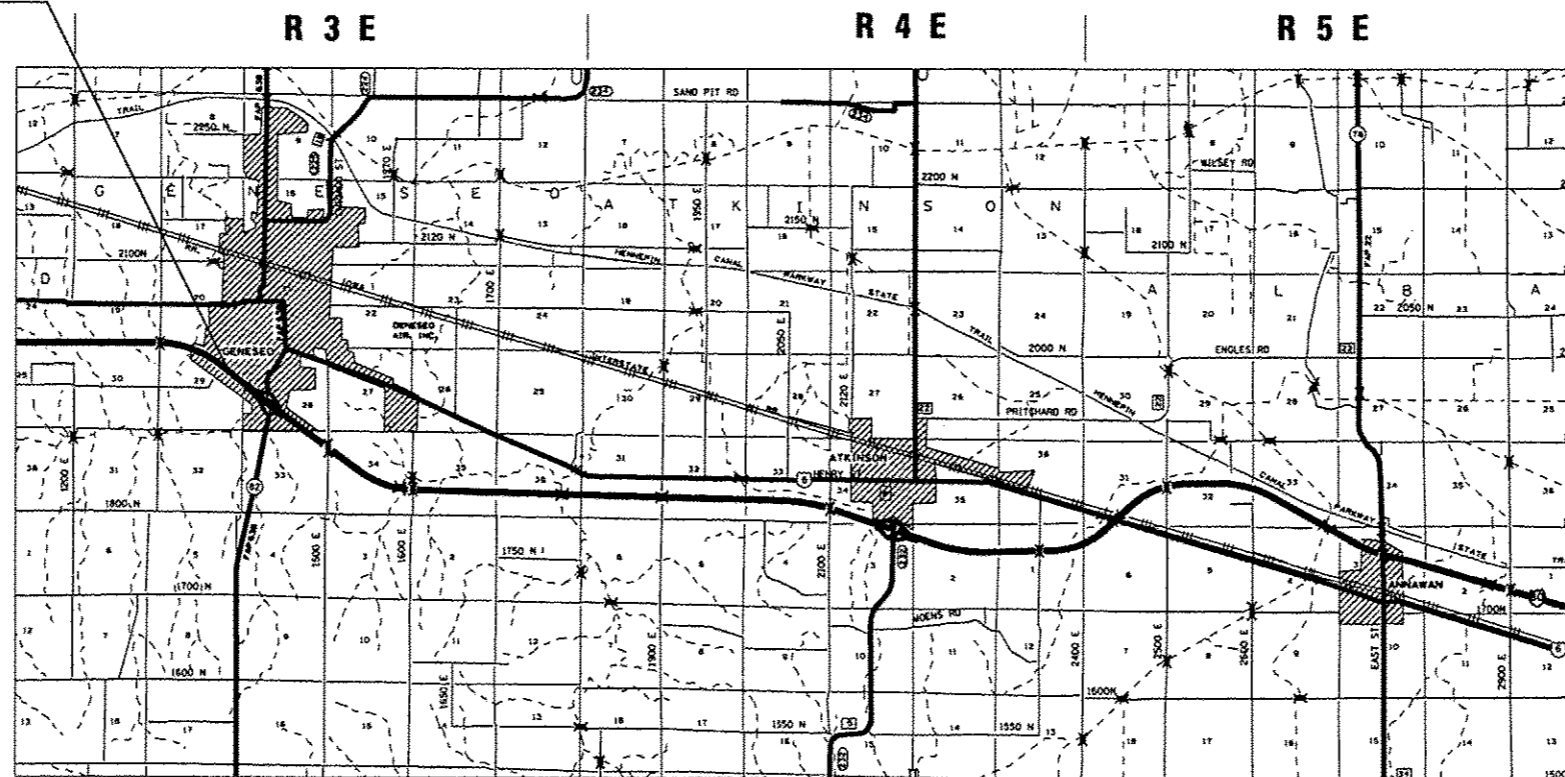
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-4,5,6)RS-2	HENRY	80	1
		ILLINOIS	CONTRACT NO. 64G64	

D92-007-11



LOCATION OF SECTION INDICATED THUS: — ■ —

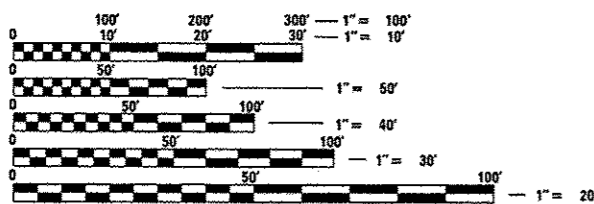
SECTION BEGINS
STA 1020+30



T17N

SECTION ENDS
STA 1929+96
BUREAU COUNTY LINE

T16N



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

EB BRIDGE OMISSIONS	WB BRIDGE OMISSIONS
1042+61 - 1045+80	1755+42 - 1752+98
1052+14 - 1057+23	1613+21 - 1609+41
1254+60 - 1256+83	1318+54 - 1317+10
1317+26 - 1318+51	1256+83 - 1254+60
1609+85 - 1613+65	1056+48 - 1051+82
1753+33 - 1755+67	1044+78 - 1041+56

GROSS LENGTH= 90966 FT. = 17.23 MILES
OMISSIONS= 1790FT. = 0.34 MILES
NET LENGTH= 89176 FT. = 16.89 MILES

PROJECT ENGINEER: MATT FARMER
PROJECT MANAGER: MAT DOBIE (815)-284-5362

CONTRACT NO. 64G64

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
SUBMITTED Aug 22ND 20 14
Paul C. [Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
Oct 17 20 14
John D. Baranzelli, P.E.
acting ENGINEER OF DESIGN AND ENVIRONMENT
Oct 17 20 14
Omer Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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HIGHWAY STANDARDS

000001-06	Standard Symbols, Abbreviations and Patterns
001006	Decimal of an Inch and of a Foot
280001-07	Temporary Erosion Control Systems
442101-07	Class B Patches
482001-02	HMA Shoulder Adjacent to Flexible Pavement
542001-04	Concrete End Sections for Pipe Culverts 15" (375 mm) thru 84" (2100 mm) Diameter
542311-05	Transversable Pipe Grate
601101-01	Concrete Headwall for Pipe Drain
630001-10	Steel Plate Beam Guardrail
630301-06	Shoulder Widening for Type 1 (Special) Guardrail Terminals
631031-12	Traffic Barrier Terminal, Type 6
631033-05	Traffic Barrier Terminal, Type 6B
635001-01	Delineators
635006-03	Reflector and Terminal Marker Placement
635011-02	Reflector Marker and Mounting Details
642001-02	Shoulder Rumble Strips, 16 in.
701006-05	Off-Road Operations, 2L, 2W, 15' to 24" From Pavement Edge
701101-04	Off-Road Operations, Multilane, 15' to 24" From Pavement Edge
701106-02	Off-Road Operations, Multilane, More Than 15' Away
701201-04	Lane Closure, 2L, 2W, Day Only, for Speeds \geq 45 MPH
701400-07	Approach to Lane Closure, Freeway/Expressway
701401-08	Lane Closure, Freeway/Expressway
701411-08	Lane Closure, Multilane, at Entrance or Exit Ramp, for Speeds \geq 45 MPH
701456-03	Partial Exit Ramp Closure Freeway/Expressway
720011-01	Metal Posts for Signs, Markers and Delineators
728001-01	Telescoping Steel Sign Supports
729001-01	Applications of Types A and B Metal Posts (For Signs and Markers)
780001-04	Typical Pavement Markings
781001-03	Typical Applications Raised Reflective Pavement Markers
814001-02	Handholes
878001-09	Concrete Foundation Details
886001-01	Detector Loop Installations
886006-01	Typical Layout for Detection Loops

(37-4.5.6) RS-2

FILE NAME *	USER NAME = granton	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS HIGHWAY STANDARDS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pva\work\pvidot\granton\0318501\0200	11-shs-schedule.dgn	DRAWN -	REVISED -		80	*	HENRY	80	2			
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	PLOT DATE = Fri Aug 22 00:36:48 2014	DATE -	REVISED -		ILLINOIS/FED. AID PROJECT							

GENERAL NOTES

The final top 4 inches of soil in any right-of-way area disturbed by the Contractor must be capable of supporting vegetation. The soil must be from the A horizon (zero to 2' deep) of soil profiles of local soils. The cost of this work shall be included in the unit prices bid and no additional compensation will be allowed.

All Borrow/Waste/Use sites must be approved by the Department prior to removing any material from the project or initiating any earthmoving activities, including temporary stockpiling outside the limits of construction.

The Contractor shall seed all disturbed areas within the project limits. Seeding Class 4 or 2A shall be used, except in front of properties where the grass will be mowed, then use Seeding, Class 1. Class 2A shall be used on front slopes and ditch bottoms. Class 4 shall be used behind Type A gutter, on all backslopes and areas behind the backslope, and beyond the toe of front slope on fill sections without ditches.

Fertilizer shall be applied to all disturbed areas and incorporated into the seedbed prior to seeding or placement of sod at the rate specified in Sections 250 and 252 of the Standard Specifications. This work shall be included in the cost of the seeding.

Placement and compaction of the backfill for proposed across road culverts and existing across road culverts that are removed shall conform to Section 502.10 of the Standard Specifications, except that the material shall conform to Article 208.02 of the Standard Specifications, and shall be compacted to a minimum of 95% of the standard laboratory density. Any material conforming to the requirements of Article 1003.04 or 1004.05 which has been excavated from the trenches shall be used for backfilling the trenches. The entire excavation, within 2 feet outside of each shoulder, shall be backfilled with trench backfill material to the bottom of the proposed subgrade. Impervious material shall be used on the outer 3 feet of each end of the culvert. This trench backfill material will not be measured for payment, but shall be included in the contract unit price for the class of concrete involved or other unit price item of the work for which it is required.

All "Aggregate Subgrade Improvement" (Section 303), shall be completed in accordance with Articles 311.04, 311.05, 311.05(a), 311.06 and 311.07. All aggregate subgrade thicknesses equal to or less than 12 inches shall be constructed of aggregate of CA02 gradation. All aggregate subgrade thicknesses greater than 12 inches shall be constructed of CS02.

When laying out for patching, the minimum distance between new patches (saw cut to saw cut) shall be 15 feet. When patch spacing is less than 15 feet, the pavement between patches shall also be removed and replaced.

All mandatory joint sealing for Class A, Class B, and Class B (Hinge Jointed) patches as shown on the plans will not be measured for payment. Optional sawing of the joint for the sealant reservoir will not be measured for payment.

For all concrete patching that will not be resurfaced, the concrete shall be struck off flush with the existing pavement surface at each end of the patch.

The Engineer reserves the right to check all patches for smoothness by the use of a 10' rolling straight edge set to a 3/16" tolerance in the wheel paths. Any patch areas higher than 3/16" must be ground smooth with an approved grinding device consisting of multiple saws. The use of bushhammer or other impact devices will not be permitted. Any patch with depressions greater than 3/16" shall be repaired in a manner approved by the Engineer.

The mandatory saw cuts for pavement patching are:

Class A Patch: Cut two transverse saw cuts at each end of the patch; one full depth and one partial depth. The longitudinal edges of the patch shall be cut full depth. When the patch is adjacent to a pcc shoulder, two saw cuts along the shoulder will be required.

Class B Patch: Cut two transverse saw cuts outlining the patch and one transverse pressure relief saw cut. The longitudinal edges of the patch shall be cut full depth. When the patch is adjacent to a pcc shoulder, two saw cuts along the shoulder will be required.

The mandatory saw cuts will be paid for at the contract unit price per Foot for SAW CUTS.

Milling machines on this project shall be capable of removing a layer of bituminous a minimum 6' wide and 1½ inches in depth in a single pass.

The following Mixture Requirements are applicable for this project:

Mixture Uses(s):	Resurfacing		Shoulders	
	Surface	Binder	Top Lift	All Lower Lifts
PG:	SBS PG 76-22	SBS PG 70-22	PG 64-22	PG 64-22
Design Air Voids	4.0	4.0@ N90	4.0 @N50	4.0 @ N50
Mixture Composition (Gradation Mixture)	SMA IL 12.5	IL 9.5 or IL 9.5 FG	IL 9.5 or IL 9.5 FG	IL 19.0 FG
Friction Aggregate	SMA N80	C	C	N/A
20 Year ESAL	38.9	38.9	N/A	N/A
Quality Management Program to be Used	PFP	PFP	QCP	QCP

Mixture Uses(s):	Ramp Resurfacing		
	Surface	Level Binder	Top Lift Shoulder
PG:	SBS PG 70-22	SBS PG 70-22	PG 64-22
Design Air Voids	4.0 @ N70	4.0 @ N70	4.0 @ N50
Mixture Composition (Gradation Mixture)	IL 9.5	IL 9.5 FG	IL 9.5 or IL 9.5 FG
Friction Aggregate	D	N/A	C
20 Year ESAL	0.8	0.8	N/A
Quality Management Program to be Used	QCP	QCP	QCP

* On projects with less than 2000 tons Level Binder, Growth Curve will be used for Density and IL 9.5 may be used

The Contractor will be required to furnish 5 1/2" high brass stencils as approved by the Engineer and install stationing at 250' intervals. Stationing shall be placed on both lanes of 2-lane highways and on the outside lanes in both directions on 4-lane highways. The stations shall be placed 6" inside the pavement marking edge so they can be read from the shoulder. This work will be included in the cost of the final pavement surface.

The area to be primed shall be limited to that which can be covered with HMA on the next day's production, but no more than five days in advance of the placement of the HMA, unless approved by the Engineer.

Install rumble strips in all shoulders in accordance with State Standard 642001. Rumble Strips shall be placed on shoulders on both sides of the pavement.

The Contractor shall supply the Resident Engineer with the manufacturer's installation requirements for the type of Steel Plate Beam Guardrail Terminal Type 1 Special (Tangent) or Steel Plate Beam Guardrail Terminal Type I Special (Flared).

One 16d galvanized nail shall be used to toe nail the wood block out to the wood post on all Traffic Barrier Terminal Type I Specials.

FILE NAME = 64664.GN.DOCX	USERNAME =	DESIGNED - Engineering Systems	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 8/21/2014 2:55 PM	DATE - 7/21/2014 1:35 PM	REVISED -			CONTRACT NO. 64664				
						SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.

GENERAL NOTES

Delineators shall be installed as shown in Standard 635001, except that the post shall be rotated 180° and only metal-backed delineators shall be permitted. Delineators shall be placed at the ends of approach guardrail terminal sections, and at each headwall or end section of AR Culverts. This work will be paid for at the contract unit price each for DELINEATORS.

The Contractor shall be responsible for collecting and maintaining an electronic log of all stakeout survey that is performed on the job, either by him/her or any sub-contractor performing the stakeout. Upon request, all logs shall be submitted to the Department. No additional compensation will be allowed for this work, but shall be considered included in the cost for CONSTRUCTION LAYOUT.

Pavement Marking shall be done according to Standard 780001, except as follows:

1. All words, such as ONLY, shall be 8 feet high.
2. All non-freeway arrows shall be the large size.
3. The distance between yellow no-passing lines shall be 8 inches, not 7 inches, as shown in the detail of Typical Lane and Edge Lines.
4. Centerline Skip Dash Pavement Marking on multi-lane divided, multi-lane undivided, and one-way roadway shall be according to District Standard 41.1.

Tree planting layout shall be performed by the District Roadside Management Specialist. Mulch shall be placed 4" thick and to the diameter around the tree as shown on District Standard 92.1. The mulch shall be hardwood wood chips placed on weed barrier fabric. This work shall be included in the cost of the tree.

The Contractor shall be responsible for protecting utility property during construction operations as outlined in Article 107.31 of the Standard Specifications. A minimum of 48 hours advance notice is required for non-emergency work. The JULIE number is 800-892-0123. The following listed utilities located within the project limits or immediately adjacent to the project construction limits are members of JULIE:

Commonwealth Edison (815) 490-2869	Farmers Mutual Electric Co. (309) 944-4669
Geneseo Telephone Company (309) 944-8012	AT&T (309) 686-3317
Ameren IP (309) 345-5173	Corn Belt Energy Corp. (815) 875-4480
NICOR Gas (630) 983-8676	Mediacom (309) 743-4750
MCI World Com (972) 729-6016	City of Geneseo (309) 944-8424
Natural Gas Pipeline (309) 944-4676	

IDOT is not a member of JULIE. If you are near any overhead lighting, intersection lighting or traffic signals, contact the IDOT Traffic Office at 815/284-5469 at least 48 hours prior to work.

CADD data will be available to Contractors and Consultants working on this project. This information will be provided upon request as MicroStation CADD files and Geopak coordinate geometry files ONLY. If data is required in other formats it will be your responsibility to make these conversions. If any discrepancy or inconsistency arises between the electronic data and the information on the hard copy, the information on the hard copy should be used. Contact the District's Project Engineer to request these files.

Excess trees that cannot be planted along the Interstate 80 project limits shall be planted at alternative locations as determined by the District Roadside Management Specialist.

During grinding operations, concrete patches will be encountered. The grinding of the concrete shall not be paid for separately, but be included in the cost of HMA SURFACE REMOVAL of the thickness specified.

Commitments

In the tree removal area at Station 1208 + 30, there is a wetland located at the bottom of the foreslope beyond the trees. This wetland will not be impacted by storing equipment and materials, driving vehicles and equipment through the wetland, or placing fill in the wetland.

FILENAME = G4954.GN.DOCX	USERNAME =	DESIGNED = Engineering Systems	REVISED =	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	ROUTE	SECTION	COUNTY	TWA SHEETS	SHEET NO.	
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						SCALE:	SHEET NO.	OF	SHEETS	STA	TO STA.

SUMMARY OF QUANTITIES

CONSTR. CODE
90% FEDERAL
10% STATE

PAY ITEM NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0005 RURAL
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	98	98
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	102	102
20100500	TREE REMOVAL, ACRES	ACRE	0.25	0.25
* 25000210	SEEDING, CLASS 2A	ACRE	1.25	1.25
* 25100125	MULCH, METHOD 3	ACRE	1.00	1.00
* 25100630	EROSION CONTROL BLANKET	SQ YD	1,500	1,500
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	265	265
28000305	TEMPORARY DITCH CHECKS	FOOT	48	48
28000400	PERIMETER EROSION BARRIER	FOOT	253	253
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	44	44
40600537	LEVELING BINDER (HAND METHOD), IL-9.5FG, N70	TON	504	504
40600839	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N70	TON	1,424	1,424
40600845	POLYMERIZED LEVELING BINDER (MACHINE METHOD), N90	TON	54,537	54,537
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	11,459	11,459

*SPECIALTY ITEMS

• (37-4.5.6) RS-2

FILE NAME *	USER NAME * grnspn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT DATE * Thu Aug 21 13:25:32 2014	DATE -	REVISED -								

SUMMARY OF QUANTITIES

CONSTR. CODE
90% FEDERAL
10% STATE
ROADWAY
0005
RURAL

PAY ITEM NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
40600990	TEMPORARY RAMP	SQ YD	1,173	90% FEDERAL 10% STATE ROADWAY 0005 RURAL
40603153	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80	TON	55,210	
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	36,403	
40603540	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	2,137	
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SQ YD	451,515	
44000165	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	SQ YD	44,090	
44201043	CLASS B PATCHES, TYPE II, 16 INCH	SQ YD	159	
44201047	CLASS B PATCHES, TYPE III, 16 INCH	SQ YD	243	
44201048	CLASS B PATCHES, TYPE IV, 16 INCH	SQ YD	2,223	
44201299	DOWEL BARS 1 1/2"	EACH	920	
44213100	PAVEMENT FABRIC	SQ YD	2,466	
44213200	SAW CUTS	FOOT	5,506	
44213204	TIE BARS 3/4"	EACH	817	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	21,773	

*SPECIALTY ITEMS

• (37-4.5,6) RS-2

FILE NAME *	USER NAME * grantpm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.I. RTE. 80	SECTION *	COUNTY HENRY	TOTAL SHEETS 80	SHEET NO. 6
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	PLOT DATE * Fri Aug 22 20:38:00 2014	DATE -	REVISOR -							
										CONTRACT NO. 64664 ILLINOIS FED. AID PROJECT

SUMMARY OF QUANTITIES

CONSTR. CODE
90% FEDERAL
10% STATE
ROADWAY
0005
RURAL

PAY ITEM NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	
48203100	HOT-MIX ASPHALT SHOULDERS	TON	2,490	2,490
50105220	PIPE CULVERT REMOVAL	FOOT	16	16
54260311	TRAVERSABLE PIPE GRATE	FOOT	48	48
54261448	CONCRETE END SECTION, STANDARD 542001, 48", 1:4	EACH	1	1
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	3,887.5	3,887.5
* 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	1,387.5	1,387.5
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	3	3
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	4
* 63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	15	15
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1(SPECIAL) TANGENT	EACH	10	10
63200310	GUARDRAIL REMOVAL	FOOT	10,606	10,606
* 63301210	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	16,900	16,900
* 63301215	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE B	FOOT	50	50
* 63301220	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE C	FOOT	12.5	12.5

*SPECIALTY ITEMS

FILE NAME *	USER NAME * grantpm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE * Thu Aug 21 13:05:57 2014	DATE -	REVISED -		* (37-4,5,6) RS-2				ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

CONSTR. CODE 90% FEDERAL 10% STATE ROADWAY 0005 RURAL
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PAY ITEM NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE 90% FEDERAL 10% STATE ROADWAY 0005 RURAL
* 63301990	REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 1	EACH	46	46
* 63302000	REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 2	EACH	16	16
* 63302400	REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 5	EACH	2	2
* 63302700	REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 6	EACH	19	19
63500105	DELINEATORS	EACH	257	257
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	341,450	341,450
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	24	24
67100100	MOBILIZATION	L SUM	1	1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	12	12
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1	1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	100	100
70300100	SHORT TERM PAVEMENT MARKING	FOOT	124,880	124,880

*SPECIALTY ITEMS

• (37-4,5,6) RS-2

FILE NAME *	USER NAME * grantpm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.I. RTE. 80	SECTION *	COUNTY HENRY	TOTAL SHEETS 80	SHEET NO. 8
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	PLOT DATE * Thu Aug 21 13:06:18 2014	DATE -	REVISED -							
CONTRACT NO. 64064										ILLINOIS FED. AID PROJECT

SUMMARY OF QUANTITIES

CONSTR. CODE
90% FEDERAL
10% STATE
ROADWAY
0005
RURAL

PAY ITEM NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	20,813	90% FEDERAL 10% STATE ROADWAY 0005 RURAL
* 78008310	POLYUREA PAVEMENT MARKING TYPE II - LINE 4"	FOOT	388,290	
* 78008330	POLYUREA PAVEMENT MARKING TYPE II - LINE 6"	FOOT	44,588	
* 78008340	POLYUREA PAVEMENT MARKING TYPE II - LINE 8"	FOOT	12,009	
* 78008350	POLYUREA PAVEMENT MARKING TYPE II - LINE 12"	FOOT	2,442	
* 78008370	POLYUREA PAVEMENT MARKING TYPE II - LINE 24"	FOOT	262	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	2,972	
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	349	
* 78201000	TERMINAL MARKERS, DIRECT APPLIED	EACH	10	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1,919	
* 81028730	UNDERGROUND CONDUIT, COILABLE NONMETALIC CONDUIT, 1 1/4" DIA.	FOOT	90	
* 81028770	UNDERGROUND CONDUIT, COILABLE NONMETALIC CONDUIT, 3" DIA.	FOOT	70	
* 81400200	HEAVY DUTY HANDHOLE	EACH	2	
* 86300300	CONTROLLER CABINET, TYPE III	EACH	1	

*SPECIALTY ITEMS

* (37-4,5,6) RS-2

SUMMARY OF QUANTITIES

CONSTR. CODE 90% FEDERAL 10% STATE ROADWAY 0005 RURAL
--

PAY ITEM NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	
* 87800200	CONCRETE FOUNDATION, TYPE D	FOOT	3.5	3.5
* 87900200	DRILL EXISTING HANDHOLE	EACH	7	7
* 88600100	DETECTOR LOOP, TYPE I	FOOT	420	420
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	100	100
* A2002914	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	11	11
* A2006514	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	11	11
* A2006714	TREE, QUERCUS MACROCARPA (BUR OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	10	10
* X0301242	PIEZO AXLE SENSOR, CLASS II	FOOT	44	44
NP X0320157	CLEANING UNDERDRAIN OUTLETS	EACH	557	557
X0322936	REMOVE EXISTING FLARED END SECTION	EACH	1	1
X2800400	PERIMETER EROSION CONTROL BARRIER, SPECIAL	FOOT	200	200
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	134,835	134,835
40600285	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	POUND	350,358	350,358
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	20,504	20,504

*SPECIALTY ITEMS
NP - Non-participating (100% State)

• (37-4.5,6) RS-2

SUMMARY OF QUANTITIES

CONSTR. CODE
90% FEDERAL
10% STATE
ROADWAY
0005
RURAL

PAY ITEM NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0005 RURAL
* X6300130	STEEL PLATE BEAM GUARDRAIL, TYPE A (SPECIAL)	FOOT	100	100
X7010410	SPEED DISPLAY TRAILER	CAL MO	32	32
* X7830070	GROOVING FOR RECESSED PAVEMENT MARKINGS 5"	FOOT	388,290	388,290
* X7830074	GROOVING FOR RECESSED PAVEMENT MARKINGS 7"	FOOT	44,588	44,588
* X7830076	GROOVING FOR RECESSED PAVEMENT MARKINGS 9"	FOOT	12,009	12,009
* X7830078	GROOVING FOR RECESSED PAVEMENT MARKINGS 13"	FOOT	2,442	2,442
* X7830090	GROOVING FOR RECESSED PAVEMENT MARKINGS 25"	FOOT	262	262
* X8730810	ELECTRIC CABLE IN CONDUIT, CONOGA-30003	FOOT	980	980
* Z0008758	AERIAL SPEED CHECK MARKING	FOOT	72	72
Z0004542	HOT-MIX ASPHALT REMOVAL (SPECIAL)	SQ YD	832	832
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
∅ Z0076600	TRAINEES	HOUR	1000	1000
Z0028415	GEOTECHNICAL REINFORCEMENT	SQ YD	262	262
∅ Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	1000	1000
Z0034105	MATERIAL TRANSFER DEVICE	TON	107,789	107,789

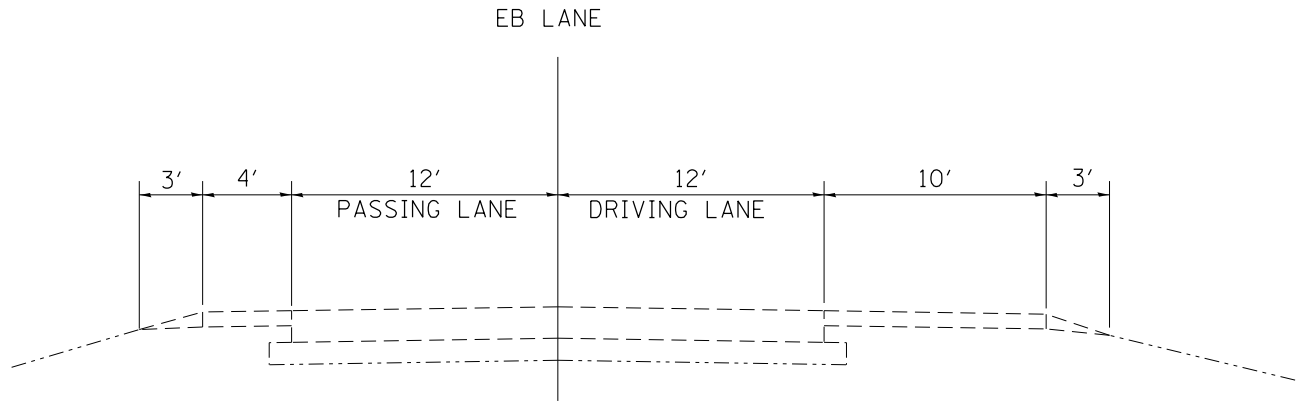
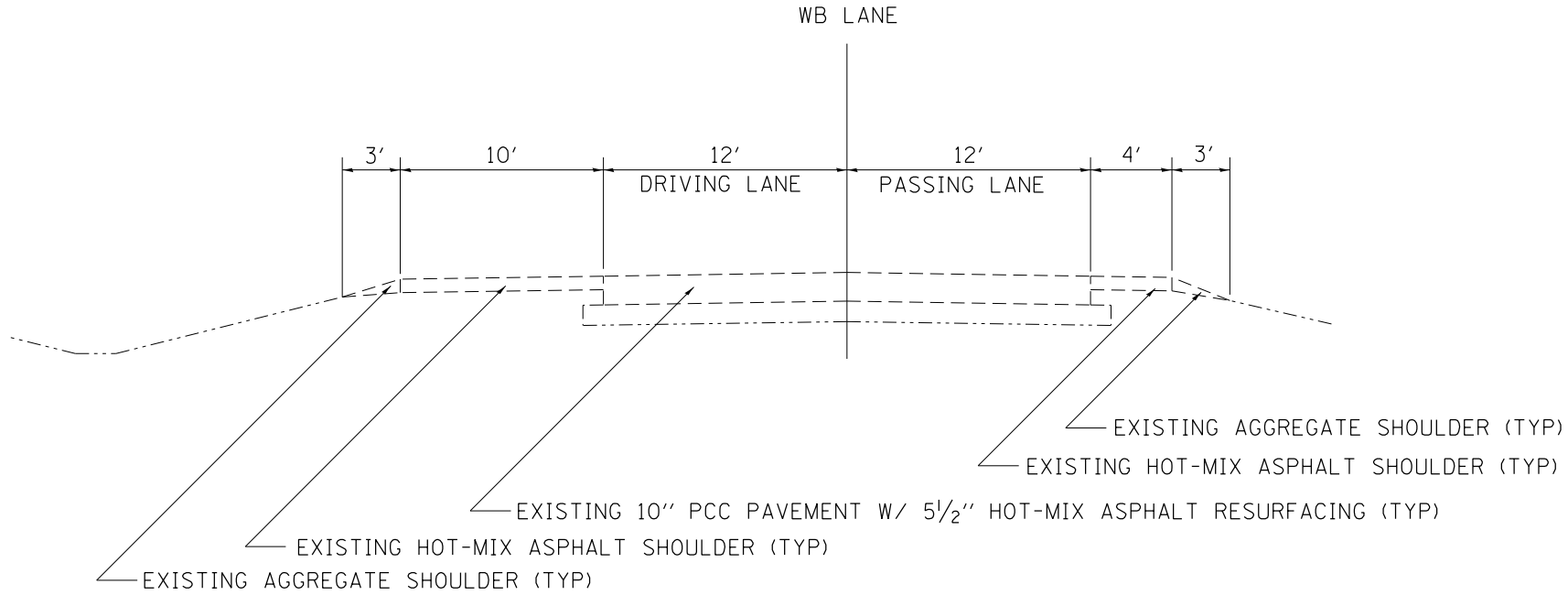
13 *SPECIALTY ITEMS

∅ 0042

(37-4,5,6) RS-2

TYPICAL SECTIONS

EXISTING MAINLINE



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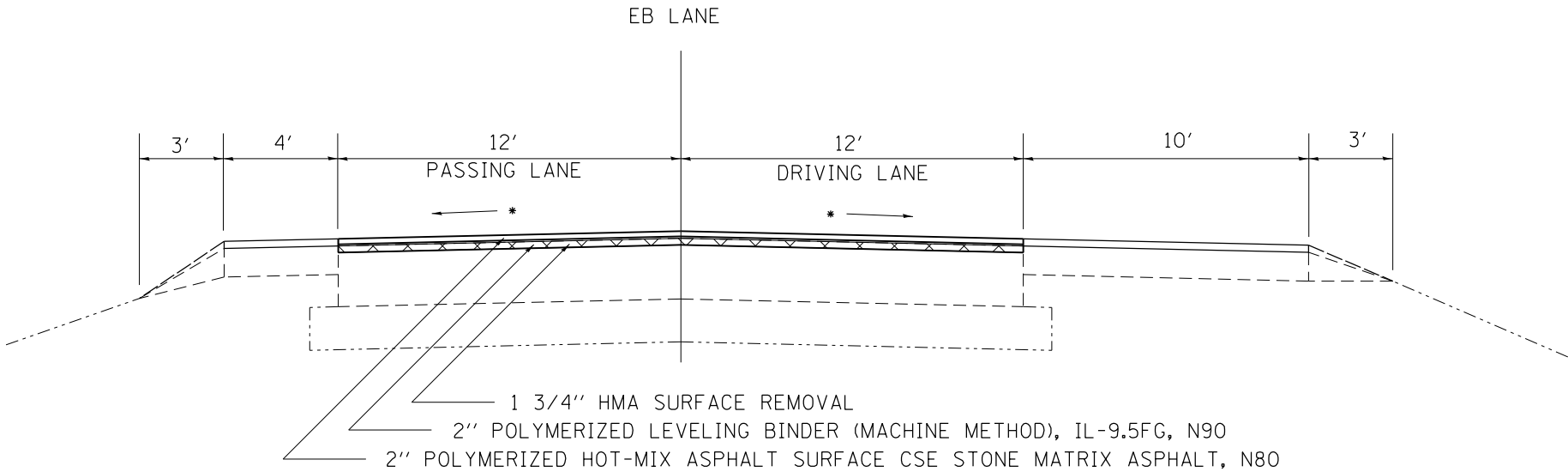
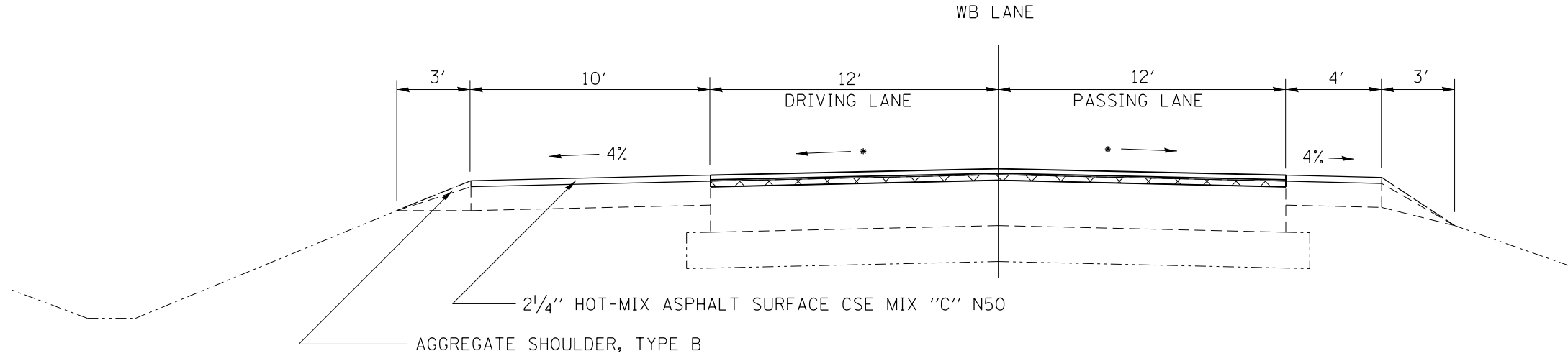
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-4,5,6)RS-2	HENRY	80	12
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64064	

TYPICAL SECTIONS

PROPOSED MAINLINE
 1 3/4" GRINDING

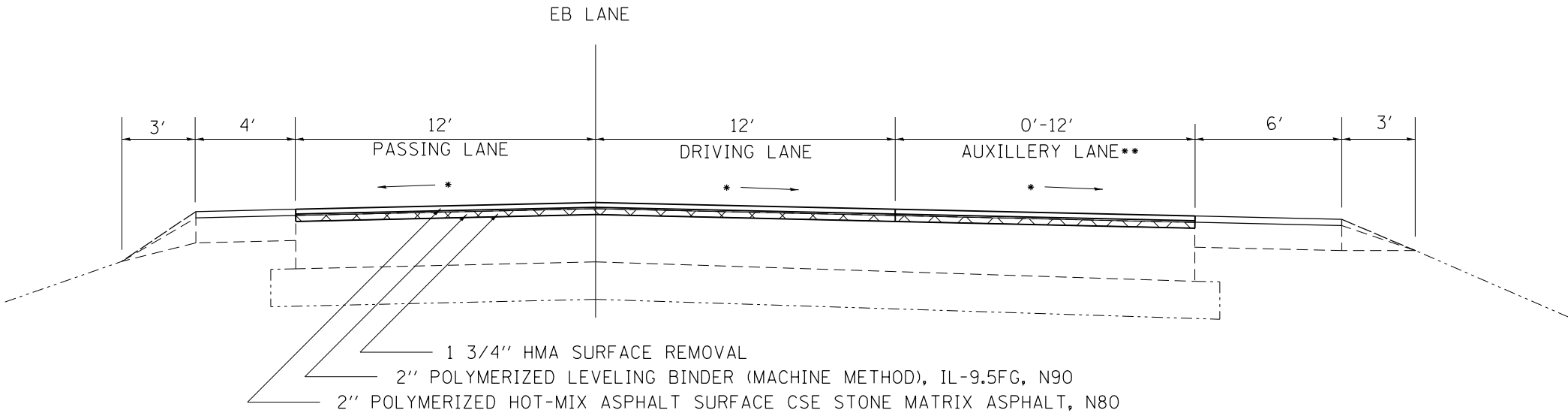
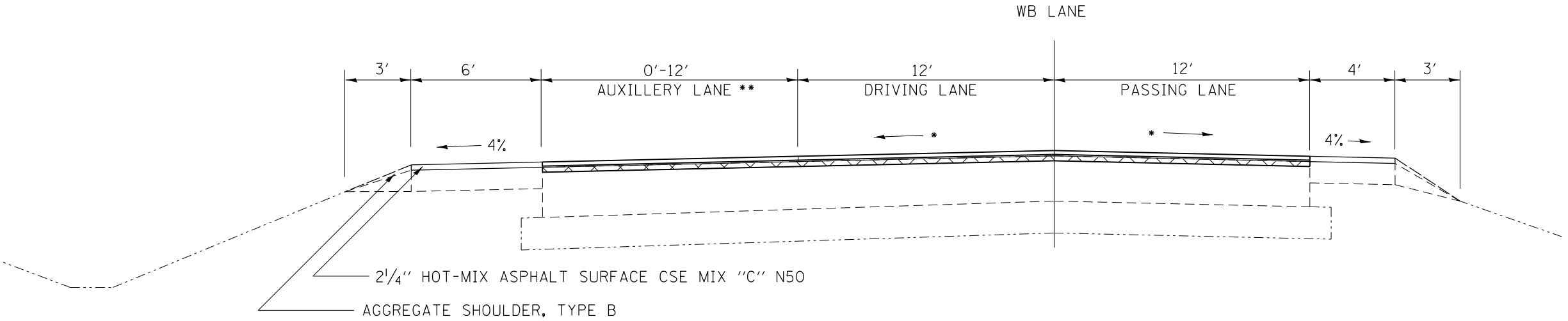


*MATCH EXISTING (MINIMUM 1/8" / FT)

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TYPICAL SECTIONS

PROPOSED MAINLINE
1 3/4" GRINDING

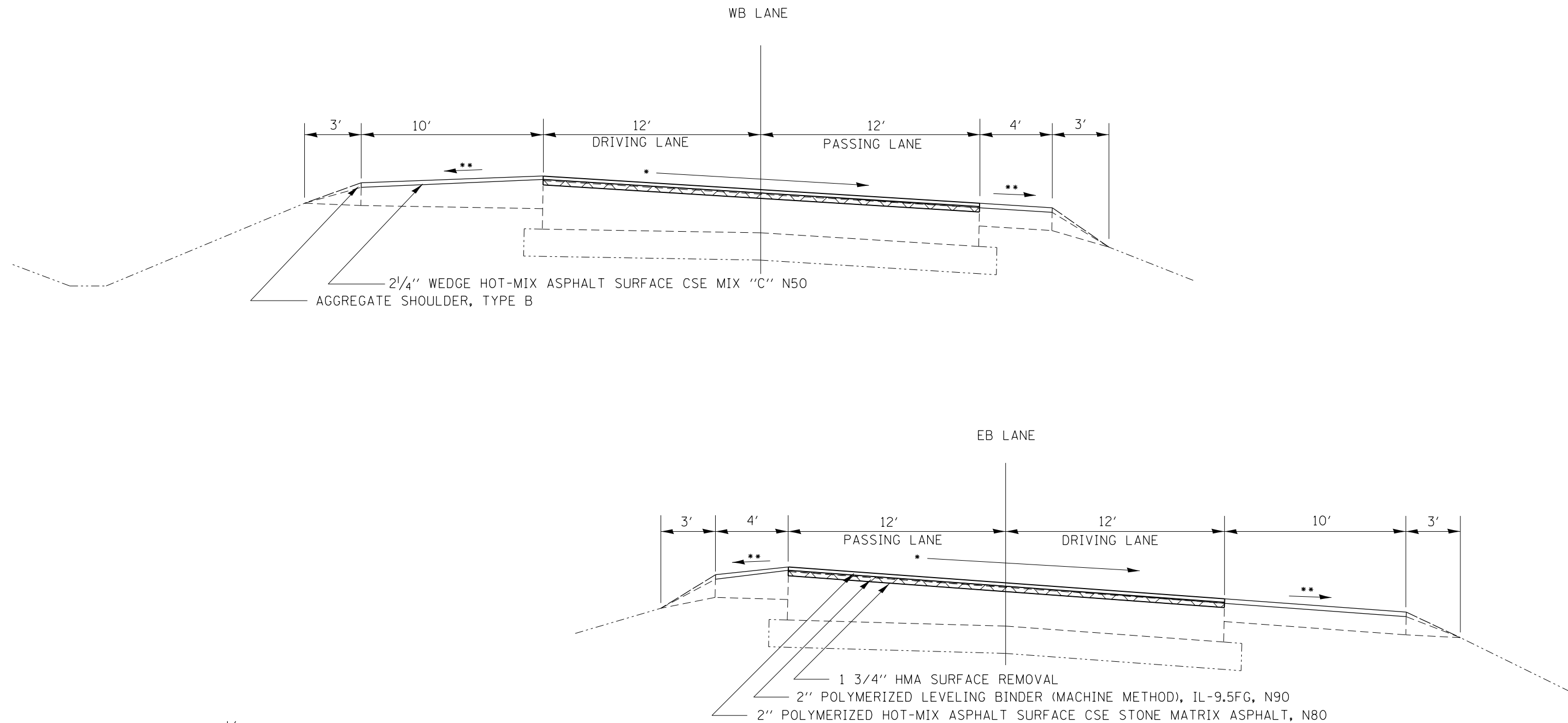


*MATCH EXISTING (MINIMUM 1/8"/FT)
**SEE SCHEDULE FOR LOCATIONS

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\grantpm\d0310501\0200711-sh-typical.dgn		DRAWN -	REVISED -		80	(37-4.5,6)RS-2	HENRY	80	14				
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	PLOT DATE = Fri Aug 22 08:49:41 2014	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.		

TYPICAL SECTIONS

PROPOSED SUPERELEVATED SECTION MAINLINE 1 3/4" GRINDING

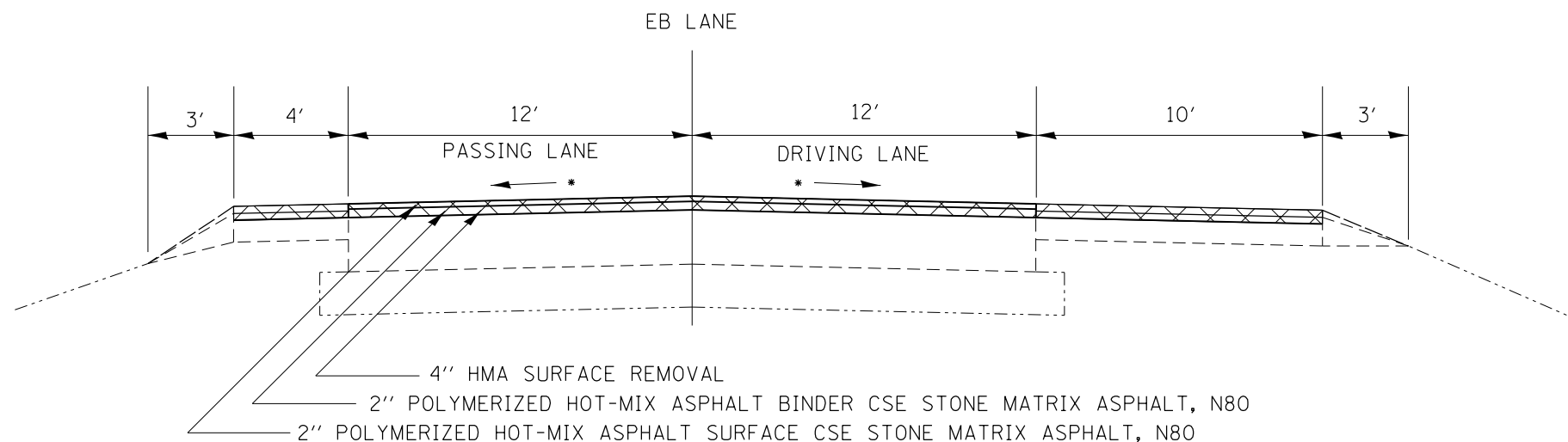
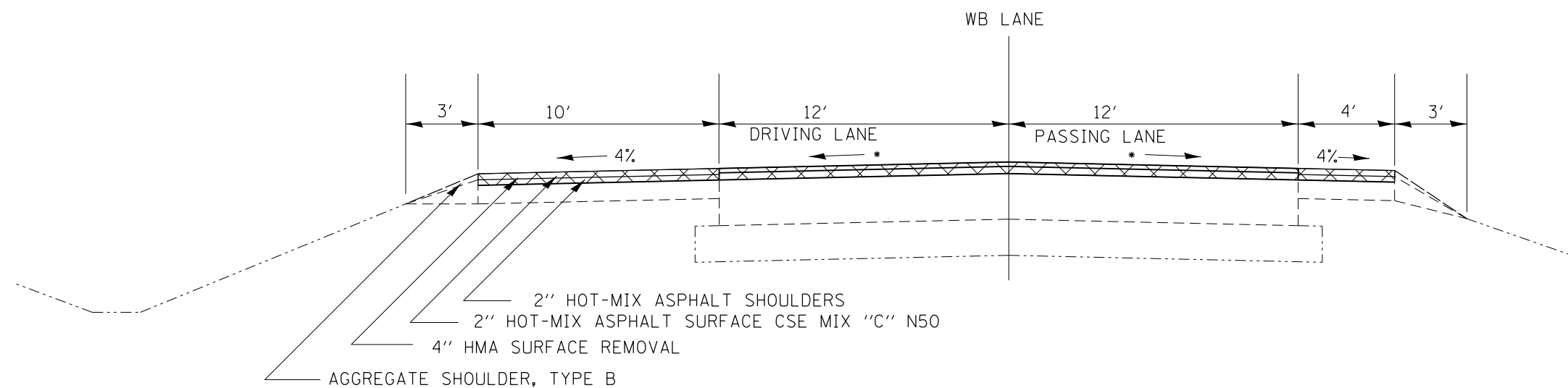


*MATCH EXISTING (MINIMUM 1/8"/FT)
**SHOULDER SLOPED ACCORDING TO STD 482001

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
Default	c:\pwork\pwork\grantpm\d0310501\020011-sh-typical.dgn	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	80	(37-4,5,6)RS-2	HENRY	80	15
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TYPICAL SECTIONS

PROPOSED MAINLINE
4" GRINDING***



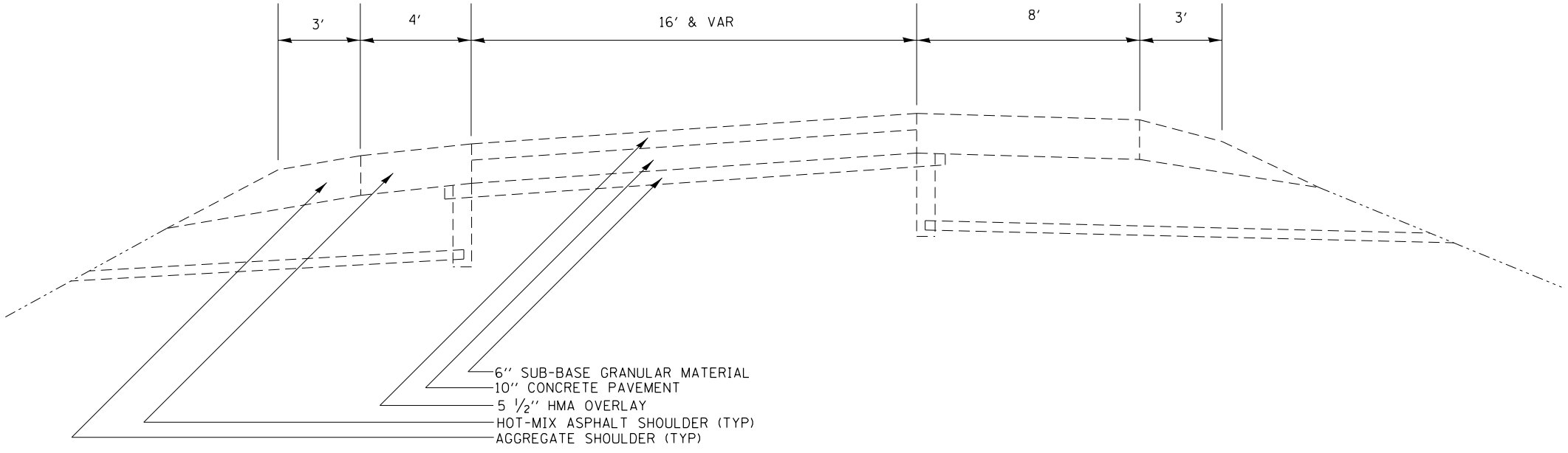
*MATCH EXISTING (MINIMUM 1/8"/FT)

***UNDER OVERHEAD STRUCTURES AND
ADJACENT TO CONCRETE CROSSOVERS

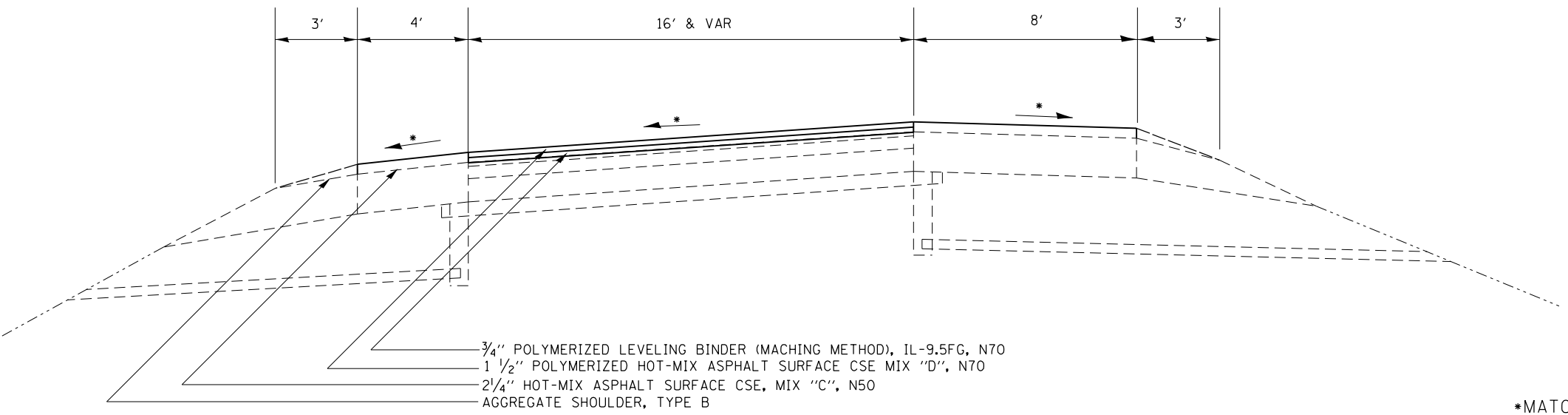
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	PLOT DATE = Fri Aug 22 08:58:15 2014	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

TYPICAL SECTIONS

EXISTING RAMP



PROPOSED RAMP



*MATCH EXISTING (MINIMUM 1/8"/FT)

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\grantpm\d0310501\0200711-sh-typical.dgn		DRAWN -	REVISED -		80	(37-4,5,6)RS-2	HENRY	80	17				
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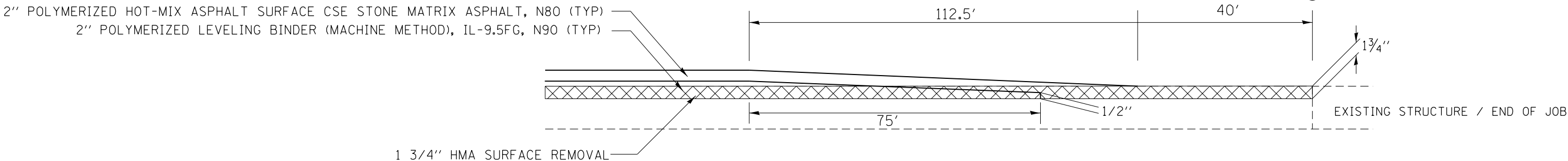
TYPICAL SECTIONS

Ⓐ EASTBOUND

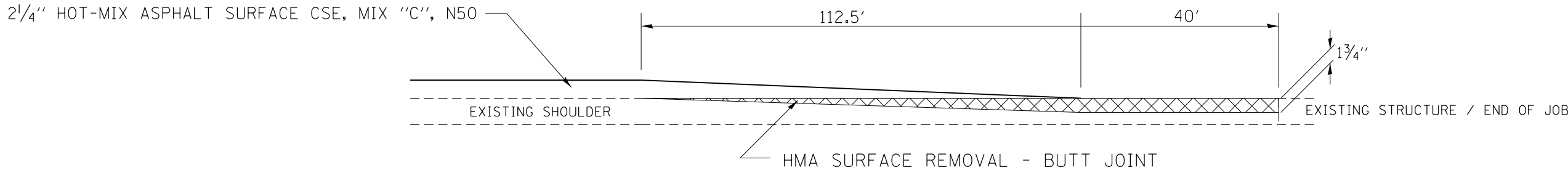
Ⓐ WESTBOUND

1042+61	1317+26	1929+96	1256+82
1045+80	1318+51	1755+42	1254+56
1052+14	1609+85	1752+98	1056+48
1057+23	1613+65	1613+21	1051+82
1254+60	1753+33	1609+41	1044+78
1256+83	1755+67	1318+54	1041+56
	1929+96	1317+10	

MAINLINE TAPER



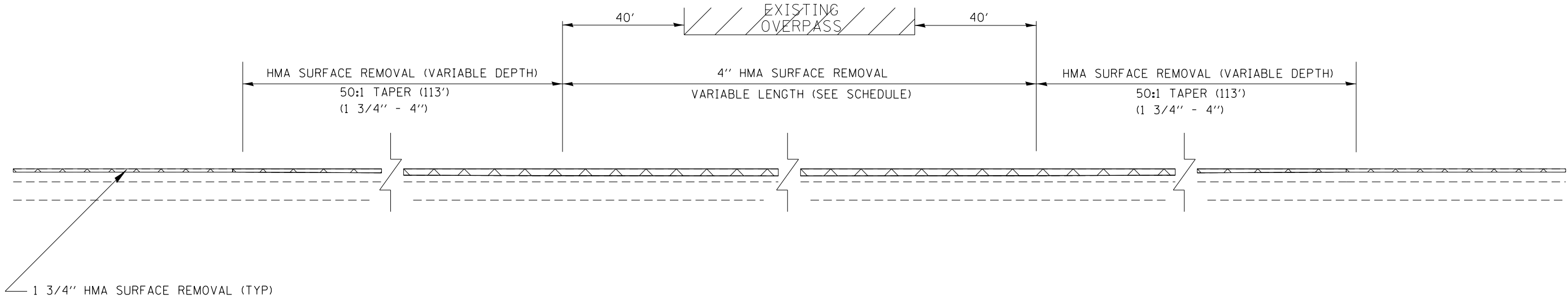
SHOULDER TAPER



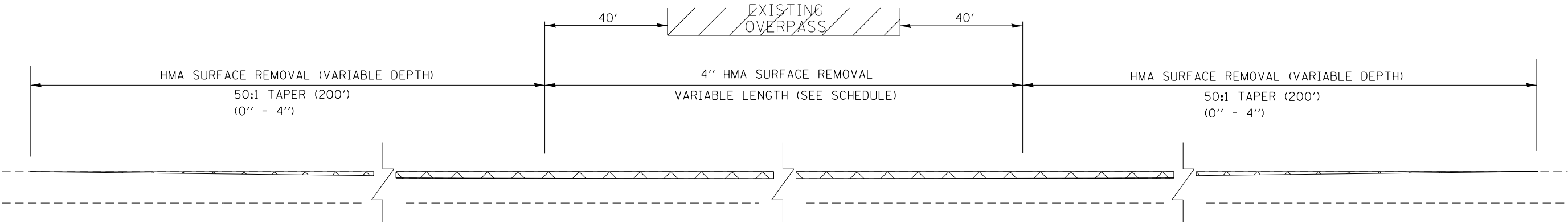
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c:\pwork\pwork\grantpm\d0310501\0200711-sh-typical.dgn	DRAWN -	REVISED -	80					(37-4,5,6)RS-2	HENRY	80	18	
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 64064			ILLINOIS FED. AID PROJECT				
	PLOT DATE = Fri Aug 22 08:58:42 2014	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	

TYPICAL SECTIONS

OVERPASS AND CONCRETE MEDIAN GRINDING DETAIL MAINLINE



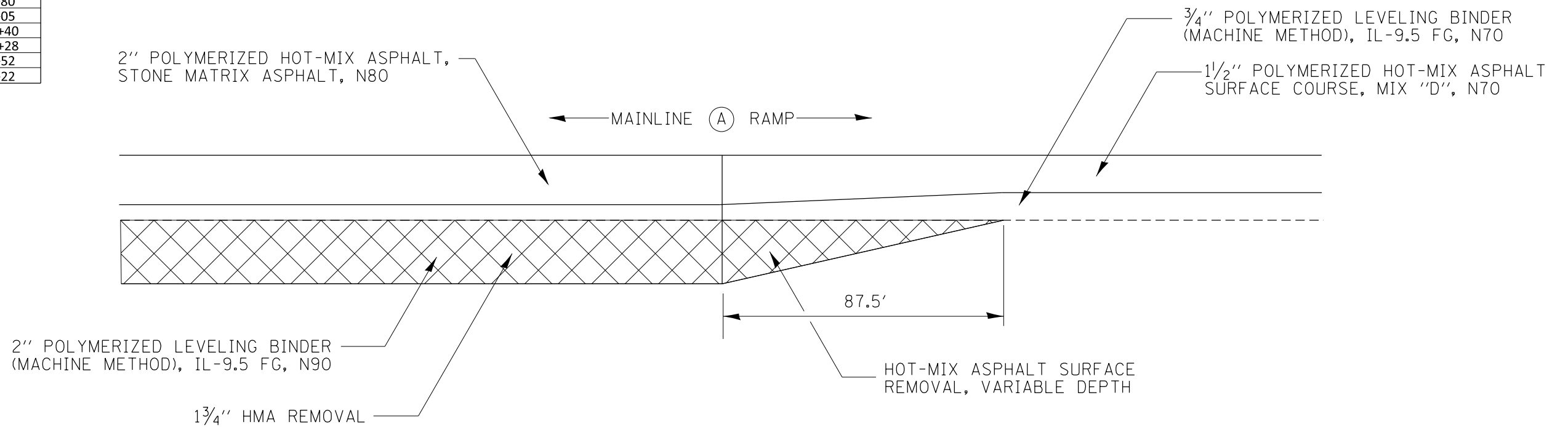
OVERPASS AND CONCRETE MEDIAN GRINDING DETAIL SHOULDER



FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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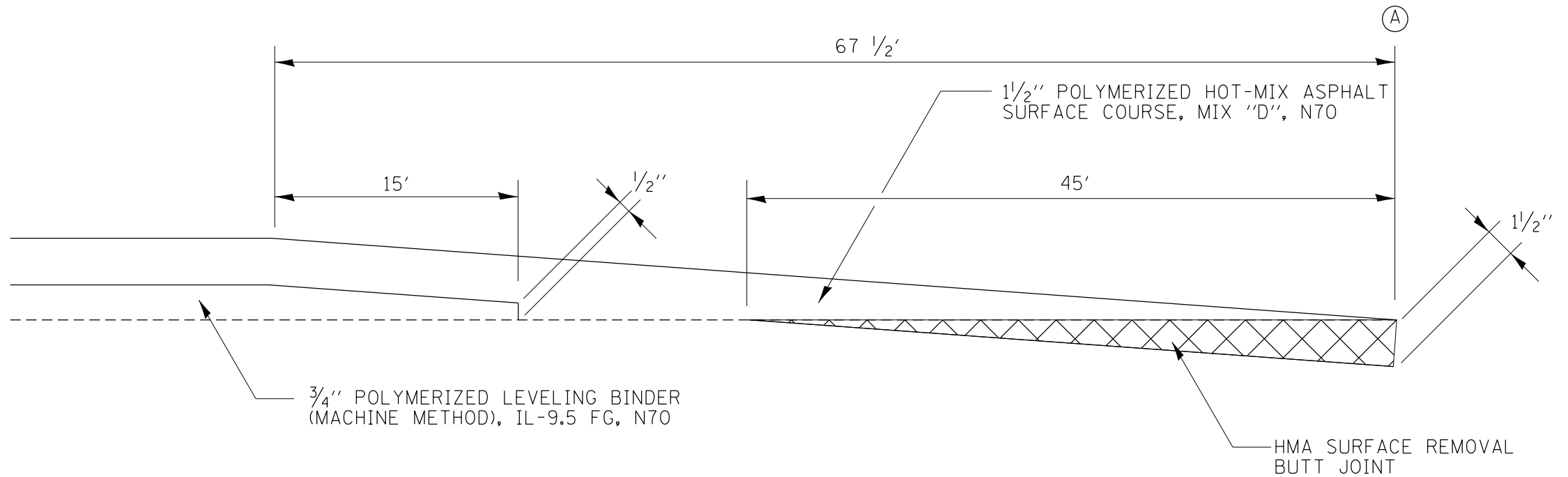
A	RAMP LOCATION
EB I-80 TO IL 82	STA 22+64
IL 82 TO EB I-80	STA 36+97
WB I-80 TO IL 82	STA 14+25
IL 82 TO WB I-80	STA 4+05
EB I-80 TO ATKINSON RD	STA 60+00
ATKINSON RD TO EB I-80	STA 71+05
WB I-80 TO ATKINSON RD	STA 49+80
ATKINSON RD TO WB I-80	STA 41+05
EB I-80 TO IL 78	STA 100+40
IL 78 TO EB I-80	STA 210+28
WB I-80 TO IL 78	STA 90+52
IL 78 TO WB I-80	STA 81+22

TRANSITION FROM MAINLINE RESURFACING TO RAMP RESURFACING



HMA SURFACE REMOVAL – BUTT JOINTS (RAMPS)

A	RAMP LOCATION
EB I-80 TO IL 82	STA 32+98
IL 82 TO EB I-80	STA 30+18
WB I-80 TO IL 82	STA 23+61
IL 82 TO WB I-80	STA 8+26
EB I-80 TO ATKINSON RD	STA 72+75
ATKINSON RD TO EB I-80	STA 81+82
WB I-80 TO ATKINSON RD	STA 61+51
ATKINSON RD TO WB I-80	STA 49+69
EB I-80 TO IL 78	STA 111+84
IL 78 TO EB I-80	STA 200+26
WB I-80 TO IL 78	STA 102+35
IL 78 TO WB I-80	STA 91+55



FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -
c:\pwork\pwork\grantpm\d0310501\0200711-sh-typical.dgn		DRAWN -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-4.5,6)RS-2	HENRY	80	20
CONTRACT NO. 64064				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

20100110 TREE REMOVAL (6 TO 15 UNITS DIAMETER)

UNIT	STATION	(DIR)	REMARKS
8	1325+05	EB	ON A FORESLOPE < 1:3 W/IN CZ
6	1325+40	EB	ON A FORESLOPE < 1:3 W/IN CZ
15	1510+21	WB	
10	1516+11	WB	
8	1522+10	WB	
10	1524+98	WB	
10	1524+98	WB	
9	1556+49	WB	
6	1592+13	WB	
6	1592+94	WB	
10	1630+04	WB	
TOTAL	98		

20100210 TREE REMOVAL (OVER 15 UNITS DIAMETER)

UNIT	STATION	(DIR)	REMARKS
25	1630+45	WB	
25	1631+89	WB	
32	1633+66	WB	
20	1639+17	WB	
TOTAL	102		

20100500 TREE REMOVAL, ACRES

ACRE	STATION	STATION	(DIR)	REMARKS
0.12	1207+38	TO 1209+23	EB	15' BEYOND THE TOE OF SLOPE
0.02	1636+42	TO 1636+70	WB	
TOTAL	0.14			

25000210 SEEDING, CLASS 2A

ACRE	STATION	STATION	(DIR)	REMARKS
0.16	1207+38	TO 1209+23	EB	INCLUDES APROX. 50' ACCESS PATH TO SITE
0.07	1325+05		EB	ON A FORESLOPE < 1:3 W/IN CZ INCLUDES APPROX 25' PATH
0.07	1325+40		EB	ON A FORESLOPE < 1:3 W/IN CZ INCLUDES APPROX 25' PATH
0.07	1510+21		WB	INCLUDES APPROX. 25' ACCESS PATH TO SITE
0.07	1516+11		WB	INCLUDES APPROX. 25' ACCESS PATH TO SITE
0.07	1522+10		WB	INCLUDES APPROX. 25' ACCESS PATH TO SITE
0.07	1524+98		WB	INCLUDES APPROX. 25' ACCESS PATH TO SITE
0.07	1524+98		WB	INCLUDES APPROX. 25' ACCESS PATH TO SITE
0.07	1556+49		WB	INCLUDES APPROX. 25' ACCESS PATH TO SITE
0.07	1592+13		WB	INCLUDES APPROX. 25' ACCESS PATH TO SITE
0.07	1592+94		WB	INCLUDES APPROX. 25' ACCESS PATH TO SITE
0.06	1630+04		WB	INCLUDES APPROX. 25' ACCESS PATH TO SITE
0.07	1630+45		WB	25 UNIT SIZED TREE
0.07	1631+89		WB	25 UNIT SIZED TREE
0.07	1633+66		WB	32 UNIT SIZED TREE
0.07	1639+17		WB	20 UNIT SIZED TREE
0.04	1636+42	TO 1636+70	WB	INCLUDES APROX. 25' ACCESS PATH TO SITE
TOTAL	1.25			

25100125 MULCH, METHOD 3

ACRE	STATION	STATION	(DIR)	REMARKS
0.12	1207+38	TO 1209+23	EB	TREE REMOVAL SITE ONLY
0.06	1325+05		EB	ON A FORESLOPE < 1:3 W/IN CZ INCLUDES APPROX 25' PATH
0.06	1325+40		EB	ON A FORESLOPE < 1:3 W/IN CZ INCLUDES APPROX 25' PATH
0.06	1510+21		WB	INCLUDES APPROX. 25' ACCESS PATH TO SITE
0.06	1516+11		WB	INCLUDES APPROX. 25' ACCESS PATH TO SITE
0.06	1522+10		WB	INCLUDES APPROX. 25' ACCESS PATH TO SITE
0.06	1524+98		WB	INCLUDES APPROX. 25' ACCESS PATH TO SITE
0.06	1524+98		WB	INCLUDES APPROX. 25' ACCESS PATH TO SITE
0.06	1556+49		WB	INCLUDES APPROX. 25' ACCESS PATH TO SITE
0.06	1592+13		WB	INCLUDES APPROX. 25' ACCESS PATH TO SITE
0.06	1592+94		WB	INCLUDES APPROX. 25' ACCESS PATH TO SITE
0.06	1630+04		WB	INCLUDES APPROX. 25' ACCESS PATH TO SITE
0.06	1630+45		WB	25 UNIT SIZED TREE
0.06	1631+89		WB	25 UNIT SIZED TREE
0.06	1633+66		WB	32 UNIT SIZED TREE
0.06	1639+17		WB	20 UNIT SIZED TREE
0.02	1636+42	TO 1636+70	WB	TREE REMOVAL SITE ONLY
TOTAL	1.03			

25100630 EROSION CONTROL BLANKET

SQ YD	STATION	STATION	(DIR)	REMARKS
166.7	1207+38	TO 1207+88	EB	APROX. 50' ACCESS PATH TO SITE ONLY
83.3	1325+05		EB	ON A FORESLOPE < 1:3 W/IN CZ INCLUDES APPROX 25' PATH
83.3	1325+40		EB	ON A FORESLOPE < 1:3 W/IN CZ INCLUDES APPROX 25' PATH
83.3	1510+21		WB	INCLUDES APPROX. 25' ACCESS PATH TO SITE
83.3	1516+11		WB	INCLUDES APPROX. 25' ACCESS PATH TO SITE
83.3	1522+10		WB	INCLUDES APPROX. 25' ACCESS PATH TO SITE
83.3	1524+98		WB	INCLUDES APPROX. 25' ACCESS PATH TO SITE
83.3	1524+98		WB	INCLUDES APPROX. 25' ACCESS PATH TO SITE
83.3	1556+49		WB	INCLUDES APPROX. 25' ACCESS PATH TO SITE
83.3	1592+13		WB	INCLUDES APPROX. 25' ACCESS PATH TO SITE
83.3	1592+94		WB	INCLUDES APPROX. 25' ACCESS PATH TO SITE
83.3	1630+04		WB	INCLUDES APPROX. 25' ACCESS PATH TO SITE
83.3	1630+45		WB	25 UNIT SIZED TREE
83.3	1631+89		WB	25 UNIT SIZED TREE
83.3	1633+66		WB	32 UNIT SIZED TREE
83.3	1639+17		WB	20 UNIT SIZED TREE
83.3	1636+45	TO 1636+70	WB	INCLUDES APROX. 25' ACCESS PATH TO SITE
TOTAL	1500			

• (37-4,5,6) RS-2

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	es:\pwork\pwork\grantpm\d0310501\200711-sh-t-schedule.dgn	DRAWN -	REVISED -		80	*	HENRY	80	21				
	PLOT SCALE = 100.000' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 64664				
	PLOT DATE = Thu Aug 21 13:07:15 2014	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

SCHEDULE OF QUANTITIES

28000250 TEMPORARY EROSION CONTROL SEEDING

POUND	STATION	TO	STATION	(DIR)	REMARKS
32	1207+38	TO	1207+88	EB	INCLUDES APPROX. 50' ACCESS PATH TO SITE
15	1325+05			EB	ON A FORESLOPE < 1:3 W/IN CZ INCLUDES APPROX 25' PATH
15	1325+40			EB	ON A FORESLOPE < 1:3 W/IN CZ INCLUDES APPROX 25' PATH
15	1510+21			WB	INCLUDES APPROX. 25' ACCESS PATH TO SITE
15	1516+11			WB	INCLUDES APPROX. 25' ACCESS PATH TO SITE
15	1522+10			WB	INCLUDES APPROX. 25' ACCESS PATH TO SITE
15	1524+98			WB	INCLUDES APPROX. 25' ACCESS PATH TO SITE
15	1524+98			WB	INCLUDES APPROX. 25' ACCESS PATH TO SITE
15	1556+49			WB	INCLUDES APPROX. 25' ACCESS PATH TO SITE
15	1592+13			WB	INCLUDES APPROX. 25' ACCESS PATH TO SITE
15	1592+94			WB	INCLUDES APPROX. 25' ACCESS PATH TO SITE
15	1630+04			WB	INCLUDES APPROX. 25' ACCESS PATH TO SITE
15	1630+45			WB	25 UNIT SIZED TREE
15	1631+89			WB	25 UNIT SIZED TREE
15	1633+66			WB	32 UNIT SIZED TREE
15	1639+17			WB	20 UNIT SIZED TREE
8	1636+42	TO	1636+70	WB	INCLUDES APROX. 25' ACCESS PATH TO SITE
TOTAL	265				

28000305 TEMPORARY DITCH CHECKS

FOOT	STATION	TO	STATION	(DIR)	REMARKS
40	1207+38	TO	1209+23	EB	40' SPACING FOR DISTURBANCES WITHIN TREE REMOVAL AREAS
8	1636+42	TO	1636+70	WB	
TOTAL	48				

28000400 PERIMETER EROSION BARRIER

FOOT	STATION	TO	STATION	(DIR)	REMARKS
205	1207+38	TO	1209+23	EB	
48	1636+42	TO	1636+70	WB	
TOTAL	253				

30300001 AGGREGATE SUBGRADE IMPROVEMENT

CU YD	STATION	(DIR)	REMARKS
44	VAR.	BOTH	AS NEEDED TO REPLACE POOR SUBGRADE UNDER PATCHES
TOTAL	44		

40603310 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50

TONS	STATION	(DIR)	REMARKS
31	1269+28	BOTH	2.25" PAVING ON U-TURN
31	1396+47	BOTH	2.25" PAVING ON U-TURN
28	1500+00	BOTH	2.25" PAVING ON U-TURN
51	1638+84	BOTH	2.25" PAVING ON U-TURN
28	1733+50	BOTH	2.25" PAVING ON U-TURN
28	1829+00	BOTH	2.25" PAVING ON U-TURN
TOTAL	197		

50105220 PIPE CULVERT REMOVAL

FOOT	STATION	(DIR)	REMARKS
16	1875+94	EB	LAST TWO SECTIONS OF 48" PIPE (ALONG W/ END SECTION)
TOTAL	16		

54260311 TRAVERSABLE PIPE GRATE

FOOT	STATION	(DIR)	REMARKS
47'-9"	1875+94	EB	
TOTAL	48		

54261448 CONCRETE END SECTION, STANDARD 542001, 48", 1:4

EACH	STATION	(DIR)	REMARKS
1	1875+94	EB	
TOTAL	1		

63500105 DELINEATORS

EACH	STATION	TO	STATION	(DIR)	REMARKS
200	1020+30	TO	1929+96	BOTH	AS NEEDED TO REPLACE MISSING DELINEATORS
TOTAL	200				

64200116 SHOULDER RUMBLE STRIPS, 16 INCH

FOOT	STATION	TO	STATION	(DIR)	REMARKS
85269	1020+30	TO	1929+96	EB	INSIDE SHOULDERS MINUS CROSSOVERS
85456	1020+30	TO	1929+96	EB	OUTSIDE SHOULDERS MINUS RAMPS
85269	1020+30	TO	1929+96	WB	INSIDE SHOULDERS MINUS CROSSOVERS
85456	1020+30	TO	1929+96	WB	OUTSIDE SHOULDERS MINUS RAMPS
TOTAL	341450				

70300100 SHORT TERM PAVEMENT MARKING

FOOT	STATION	TO	STATION	(DIR)	REMARKS
45500	1020+30	TO	1929+96	EB	10'/40' CYCLE, TWO LIFTS
45500	1020+30	TO	1929+96	WB	10'/40' CYCLE, TWO LIFTS
3200	1028+48	TO	1091+13	BOTH	10'/40' CYCLE, TWO LIFTS AT AUXILERY LANES
14560	1020+30	TO	1929+96	EB	4'/100' CYCLE, TWO LIFTS ON TWO SHOULDERS
14560	1020+30	TO	1929+96	WB	4'/100' CYCLE, TWO LIFTS ON TWO SHOULDERS
1560	VARIOUS, ALL RAMPS			BOTH	4'/100' CYCLE, TWO LIFTS ON TWO SHOULDERS
TOTAL	124880				

70301000 WORK ZONE PAVEMENT MARKING REMOVAL

SQ FT	STATION	TO	STATION	(DIR)	REMARKS
7583	1020+30	TO	1929+96	EB	
7583	1020+30	TO	1929+96	WB	
533	1028+48	TO	1091+13	BOTH	
2427	1020+30	TO	1929+96	EB	
2427	1020+30	TO	1929+96	WB	
260	VARIOUS, ALL RAMPS			BOTH	
TOTAL	20813				

• (37-4,5,6) RS-2

SCHEDULE OF QUANTITIES

78008310 POLYUREA PAVEMENT MARKING TYPE II - LINE 4"
X7800070 GROOVING FOR RECESSED PAVEMENT MARKINGS 5"

YELLOW FOOT	WHITE FOOT	STATION	STATION	(DIR)	REMARKS
89176		1020+30	TO 1929+96	EB	EDGE LINE MINUS OMISSIONS
	89176	1020+30	TO 1929+96	EB	EDGE LINE MINUS OMISSIONS AND RAMP GAPS
89176		1020+30	TO 1929+96	WB	EDGE LINE MINUS OMISSIONS
	89176	1020+30	TO 1929+96	WB	EDGE LINE MINUS OMISSIONS AND RAMP GAPS
1034	1298	20+00	TO 32+98	EB	EDGE LINE EB I-80 TO IL 82
679	1024	30+18	TO 40+42	EB	EDGE LINE IL 82 TO EB I-80
936	1361	10+00	TO 23+61	WB	EDGE LINE WB I-80 TO IL 82
421	726	1+00	TO 8+26	WB	EDGE LINE IL 82 TO WB I-80
1275	1931	53+44	TO 72+75	EB	EDGE LINE EB I-80 TO ATKINSON RD
1077	2028	61+54	TO 81+82	EB	EDGE LINE ATKINSON RD TO EB I-80
1271	1823	43+28	TO 61+51	WB	EDGE LINE WB I-80 TO ATKINSON RD
864	1861	31+08	TO 49+69	WB	EDGE LINE ATKINSON RD TO WB I-80
1145	1766	94+18	TO 111+84	EB	EDGE LINE EB I-80 TO IL 78
1160	1830	200+26	TO 218+56	EB	EDGE LINE IL 78 TO EB I-80
1183	1816	84+19	TO 102+35	WB	EDGE LINE WB I-80 TO IL 78
1033	2044	71+11	TO 91+55	WB	EDGE LINE IL 78 TO WB I-80
SUBTOTAL	190430	197860			
TOTAL	388290				

78008350 POLYUREA PAVEMENT MARKING TYPE II - LINE 12"
X7800078 GROOVING FOR RECESSED PAVEMENT MARKINGS 13"

WHITE FOOT	STATION	STATION	(DIR)	REMARKS
75	1041+40	TO 1047+69	WB	GORE - IL 82 TO WB I-80
121	23+05	TO 1034+79	WB	INTERSECTION WB I-80 TO IL 82
268	1056+29	TO 1077+64	WB	WB I-80
252	1046+60	TO 1051+95	EB	EB I-80
100	1024+64	TO 1025+26	EB	INTERSECTION EB I-80 TO IL82
92	1063+77	TO 1066+05	EB	GORE - IL 82 TO EB I-80
157	1450+53	TO 1454+70	EB	EB I-80 TO GORE ATKINSON RD
74	61+18	TO 61+60	WB	WB I-80 TO ATKINSON RD
171	1473+57	TO 1477+33	WB	WB I-80 TO GORE ATKINSON RD
68	72+48	TO 72+86	WB	WB I-80 TO ATKINSON RD
330	91+06	TO 91+64	WB	INTERSECTION IL 78 TO WB I-80
83	101+95	TO 102+41	WB	WB I-80 TO IL 78
69	1801+54	TO 1803+43	WB	WB I-80 TO GORE IL 78
70	1783+06	TO 1784+86	EB	EB I-80 TO GORE IL 78
99	111+55	TO 112+00	EB	INTERSECTION EB I-80 TO IL 78
413	200+23	TO 200+67	EB	INTERSECTION IL 78 TO EB I-80
TOTAL	2442			

78008330 POLYUREA PAVEMENT MARKING TYPE II - LINE 6"
X7800074 GROOVING FOR RECESSED PAVEMENT MARKINGS 7"

WHITE FOOT	STATION	STATION	(DIR)	REMARKS
22294	1020+30	TO 1929+96	EB	SKIP DASHES
22294	1020+30	TO 1929+96	WB	SKIP DASHES
TOTAL	44588			

78008370 POLYUREA PAVEMENT MARKING TYPE II - LINE 24"
X7800090 GROOVING FOR RECESSED PAVEMENT MARKINGS 25"

WHITE FOOT	STATION	(DIR)	REMARKS
21	23+29	WB	RIGHT TURN LANE
20	23+15	WB	LEFT TURN LANE
21	32+66	EB	RIGHT TURN LANE
20	32+43	EB	LEFT TURN LANE
22	61+32	WB	RIGHT TURN LANE
24	61+25	WB	LEFT TURN LANE
22	72+58	EB	RIGHT TURN LANE
28	72+54	EB	LEFT TURN LANE
20	102+09	EB	RIGHT TURN LANE
22	102+07	WB	LEFT TURN LANE
20	111+68	EB	RIGHT TURN LANE
22	111+66	EB	LEFT TURN LANE
TOTAL	262		

78008340 POLYUREA PAVEMENT MARKING TYPE II - LINE 8"
X7800076 GROOVING FOR RECESSED PAVEMENT MARKINGS 9"

WHITE FOOT	STATION	STATION	(DIR)	REMARKS
935	1041+40	TO 1047+69	WB	GORE - IL 82 TO WB I-80
167	23+05	TO 1034+79	WB	INTERSECTION WB I-80 TO IL 82
1922	1060+81	TO 1077+64	WB	WB I-80 TO GORE IL 82
1746	1032+75	TO 1048+40	EB	EB I-80 TO GORE IL 82
161	1024+64	TO 1025+26	EB	INTERSECTION EB I-80 TO IL 82
1024	1063+77	TO 1066+05	EB	GORE - IL 82 TO EB I-80
782	1450+53	TO 1454+70	EB	EB I-80 TO GORE ATKINSON RD
927	1450+62	TO 1455+25	WB	GORE - ATKINSON RD WB I-80
150	61+18	TO 61+60	WB	WB I-80 TO ATKINSON RD
752	1473+57	TO 1477+33	WB	WB I-80 TO GORE ATKINSON RD
588	1475+56	TO 1478+50	EB	GORE - ATKINSON RD EB I-80
136	72+48	TO 72+86	EB	WB I-80 TO ATKINSON RD
533	1779+42	TO 1782+09	WB	GORE - ATKINSON WB I-78
201	91+06	TO 91+64	WB	INTERSECTION IL 78 TO WB I-80
185	101+95	TO 102+41	WB	WB I-80 TO IL 78
378	1801+54	TO 1803+43	WB	WB I-80 TO GORE IL 78
360	1783+06	TO 1784+86	EB	EB I-80 TO GORE IL 78
158	111+55	TO 112+00	EB	INTERSECTION EB I-80 TO IL 78
234	200+23	TO 200+67	EB	INTERSECTION IL 78 TO EB I-80
670	1803+81	TO 1807+16	EB	GORE IL 78 TO EB I-80
TOTAL	12009			

(37-4,5,6) RS-2

SCHEDULE OF QUANTITIES

78100100 RAISED REFLECTIVE PAVEMENT MARKERS

CRYSTAL AMBER

<u>EACH</u>	<u>EACH</u>	<u>STATION</u>		<u>STATION</u>	<u>(DIR)</u>	<u>REMARKS</u>
1116		1020+30	TO	1929+96	EB	80' C-C SINGLE SPACING MINUS BRIDGE OMISSIONS
1116		1020+30	TO	1929+96	WB	80' C-C SINGLE SPACING MINUS BRIDGE OMISSIONS
13		1031+18	TO	1041+08	EB	AUXILERY LANE 80' C-C SPACING
23		1067+24	TO	1085+03	EB	AUXILERY LANE 80' C-C SPACING
19		1078+50	TO	1064+10	WB	AUXILERY LANE 80' C-C SPACING
19		1041+56	TO	1027+12	WB	AUXILERY LANE 80' C-C SPACING
28	11	20+00	TO	26+40	EB	EB I-80 TO IL 82 EXIT RAMP SPACING PER 781001
37		36+97	TO	40+42	EB	IL 82 TO EB I-80
31	10	10+00	TO	16+17	WB	WB I-80 TO IL 82
34		1+00	TO	4+05	WB	IL 82 TO WB I-80
52	14	53+44	TO	65+16	EB	EB I-80 TO ATKINSON RD
65		71+05	TO	81+82	EB	ATKINSON RD TO EB I-80
57	13	43+28	TO	49+80	WB	WB I-80 TO ATKINSON RD
70		31+08	TO	41+05	WB	ATKINSON RD TO WB I-80
42	13	94+18	TO	100+40	EB	EB I-80 TO IL 78
62		210+29	TO	218+56	EB	IL 78 TO EB I-80
45	14	84+19	TO	90+52	WB	WB I-80 TO IL 78
68		71+11	TO	81+22	WB	IL 78 TO WB I-80
<u>2897</u>		<u>75</u>				
TOTAL		2972				

78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

<u>EACH</u>	<u>STATION</u>		<u>STATION</u>	<u>(DIR)</u>	<u>REMARKS</u>
927	1020+30	TO	1929+96	EB	
992	1020+30	TO	1929+96	WB	
TOTAL	1919				

81028730 UNDERGROUND CONDUIT, COILABLE NONMETALIC CONDUIT, 1 1/4" DIA.

<u>FOOT</u>	<u>STATION</u>		<u>(DIR)</u>	<u>REMARKS</u>
90	1100+07			
TOTAL	90			

81028770 UNDERGROUND CONDUIT, COILABLE NONMETALIC CONDUIT, 3" DIA.

<u>FOOT</u>	<u>STATION</u>		<u>(DIR)</u>	<u>REMARKS</u>
70	1100+07			
TOTAL	70			

81400200 HEAVY DUTY HANDHOLE

<u>EACH</u>	<u>STATION</u>		<u>(DIR)</u>	<u>REMARKS</u>
2	1100+07			
TOTAL	2			

86300300 CONTROLLER CABINET, TYPE III

<u>EACH</u>	<u>STATION</u>		<u>(DIR)</u>	<u>REMARKS</u>
1	1100+07			
TOTAL	1			

87800200 CONCRETE FOUNDATION, TYPE D

<u>FOOT</u>	<u>STATION</u>	<u>(DIR)</u>	<u>REMARKS</u>
3.5	1100+07	WB	
TOTAL	3.5		

87900200 DRILL EXISTING HANDHOLE

<u>EACH</u>	<u>STATION</u>	<u>(DIR)</u>	<u>REMARKS</u>
7	1100+07	BOTH	
TOTAL	7		

88600100 DETECTOR LOOP, TYPE I

<u>FOOT</u>	<u>STATION</u>	<u>(DIR)</u>	<u>REMARKS</u>
420	1100+07	BOTH	
TOTAL	420		

89502300 REMOVE ELECTRIC CABLE FROM CONDUIT

<u>FOOT</u>	<u>STATION</u>	<u>(DIR)</u>	<u>REMARKS</u>
100	1100+07	BOTH	
TOTAL	100		

X0320157 CLEANING UNDERDRAIN OUTLETS

<u>EACH</u>	<u>STATION</u>		<u>STATION</u>	<u>(DIR)</u>	<u>REMARKS</u>
136	1020+30	TO	1929+96	EB/IN	500' SPACING
134	1020+30	TO	1929+96	EB/OUT	500' SPACING
136	1020+30	TO	1929+96	WB/IN	500' SPACING
136	1020+30	TO	1929+96	WB/OUT	500' SPACING
7			ATKINSON RD RAMPS		INSIDE
8			ATKINSON RD RAMPS		OUTSIDE
TOTAL	557				

X0301242 PIEZO AXLE SENSOR, CLASS II

<u>FOOT</u>	<u>STATION</u>	<u>(DIR)</u>	<u>REMARKS</u>
44	1100+07	BOTH	
TOTAL	44		

X7010410 SPEED DISPLAY TRAILER

<u>CAL MO</u>	<u>STATION</u>		<u>STATION</u>	<u>(DIR)</u>	<u>REMARKS</u>
16	1020+30	TO	1929+96	EB	ONE EACH YEAR AT 8 MO/EA
16	1020+30	TO	1929+96	WB	ONE EACH YEAR AT 8 MO/EA
TOTAL	32				

• (37-4,5,6) RS-2

SCHEDULE OF QUANTITIES

X8730810 ELECTRIC CABLE IN CONDUIT, CONOGA-30003

	<u>FOOT</u>	<u>STATION</u>	<u>(DIR)</u>	<u>REMARKS</u>
	980	1100+07	BOTH	
TOTAL	980			

Z0008758 AERIAL SPEED CHECK MARKING

	<u>FOOT</u>	<u>STATION</u>	<u>DIR</u>	<u>REMARKS</u>
	36	1320+00	WB	AT EXISTING LOCATION
	36	1663+20	EB	AT EXISTING LOCATION
TOTAL	72			

Z0004542 HOT-MIX ASPHALT REMOVAL (SPECIAL)

	<u>SQ YD</u>	<u>STATION</u>		<u>STATION</u>	<u>(DIR)</u>	<u>REMARKS</u>
	119	1020+30	TO	1929+96	EB/IN	EVERY 500' AND AT SAGS WHERE NECESSARY, 18" WIDE
	297	1020+30	TO	1929+96	EB/OUT	EVERY 500' AND AT SAGS WHERE NECESSARY, 18" WIDE
	119	1020+30	TO	1929+96	WB/IN	EVERY 500' AND AT SAGS WHERE NECESSARY, 18" WIDE
	297	1020+30	TO	1929+96	WB/OUT	EVERY 500' AND AT SAGS WHERE NECESSARY, 18" WIDE
TOTAL	832					

Z0028415 GEOTECHNICAL REINFORCEMENT

	<u>SQ YD</u>	<u>STATION</u>	<u>(DIR)</u>	<u>REMARKS</u>
	262	VAR.	BOTH	AS NEEDED TO REPLACE POOR SUBGRADE UNDER PATCHES
TOTAL	262			

• (37-4,5,6) RS-2

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pwork\pwork\grantpm\d0310501\0200711-sh-t-schedule.dgn		DRAWN -	REVISED -			80	*	HENRY	80	25	
Default	PLOT SCALE = 100.000' / in.	CHECKED -	REVISED -			SCALE: SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 64064			
	PLOT DATE = Thu Aug 21 13:08:12 2014	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

HOT-MIX ASPHALT SCHEDULE

	X4060115	44000156	44000165	X4401198	40600990	40600845	40603153			
EASTBOUND	BEGIN	END	LENGTH (ft)	POLYMERIZED BIT. MATERIALS (PRIME COAT) (lbs.) (2 APPL.)	HMA SURFACE REMOVAL 1 3/4" (sq yd)	HMA SURFACE REMOVAL 4" (sq yd)	HMA SURFACE REMOVAL (VARIABLE DEPTH) (sq yd)	TEMPORARY RAMPS (sq yd)	2" POLYMERIZED LEVELING BINDER (MM), N90 (ton)	2" POLYMERIZED HMA SURFACE COURSE, SMA, N80 (ton)
BEGIN JOB	1020+30	1021+35	105	189		280		25	21	29
	1021+35	1022+48	113	203			301		34	34
	1022+48	1028+48	600	1080	1600				179	179
Transition to 3 lanes	1028+48	1031+18	270	608	900				101	101
3 Lanes	1031+18	1041+08	990	2673	3960				444	444
	1041+08	1042+61	153	413	612			25	21	64
Bridge Omission	1042+61	1045+80	319							
	1045+80	1047+33	153	275	408			25	21	43
	1047+33	1050+61	328	590	875				98	98
	1050+61	1052+14	153	275	408			25	21	43
Bridge Omission	1052+14	1057+23	509							
	1057+23	1058+76	153	275	408			25	21	43
	1058+76	1067+24	848	1526	2261				253	253
3 Lanes	1067+24	1085+63	1839	4965	7356				824	824
Transition to 2 lanes	1085+63	1091+13	550	1238	1833				205	205
	1091+13	1099+36	823	1481	2195				246	246
	1099+36	1100+49	113	203			301		34	34
(1101+01) 1500E/Conc Med	1100+49	1115+40	1491	2684		3976			445	445
	1115+40	1116+53	113	203			301		34	34
	1116+53	1159+64	4311	7760	11496				1288	1288
	1159+64	1160+77	113	203			301		34	34
1600E (1161+63)	1160+77	1161+93	116	209		309			35	35
	1161+93	1163+06	113	203			301		34	34
	1163+06	1253+07	9001	16202	24003				2688	2688
	1253+07	1254+60	153	275	408			25	21	43
Bridge Omission	1254+60	1256+83	223							
	1256+83	1258+36	153	275	408			25	21	43
	1258+36	1315+73	5737	10327	15299				1713	1713
	1315+73	1317+26	153	275	408			25	21	43
Bridge Omission	1317+26	1318+51	125							
	1318+51	1320+04	153	275	408			25	21	43
	1320+04	1421+47	10143	18257	27048				3029	3029
	1421+47	1422+60	113	203			301		34	34
(1423+29) 2100E/Conc Med	1422+60	1434+45	1185	2133		3160			354	354
	1434+45	1435+58	113	203			301		34	34
	1435+58	1462+67	2709	4876	7224				809	809
	1462+67	1463+80	113	203			301		34	34
Atkinson Rd (1464+48)	1463+80	1465+07	127	229		339			38	38
	1465+07	1466+20	113	203			301		34	34
	1466+20	1535+05	6885	12393	18360				2056	2056
	1535+05	1536+18	113	203			301		34	34
Concrete Median (1541+00)	1536+18	1545+82	964	1735		2571			288	288
	1545+82	1546+95	113	203			301		34	34
	1546+95	1556+46	951	1712	2536				284	284
	1556+46	1557+59	113	203			301		34	34
2350E (1558+25)	1557+59	1558+94	135	243		360			40	40
	1558+94	1560+07	113	203			301		34	34
	1560+07	1608+32	4825	8685	12867				1441	1441
	1608+32	1609+85	153	275	408			25	21	43
Bridge Omission	1609+85	1613+65	380							
	1613+65	1615+18	153	275	408			25	21	43
	1615+18	1647+05	3187	5737	8499				952	952
	1647+05	1648+18	113	203			301		34	34
2500E (1649+11)	1648+18	1649+40	122	220		325			36	36
	1649+40	1650+53	113	203			301		34	34
	1650+53	1751+80	10127	18229	27005				3025	3025
	1751+80	1753+33	153	275	408			25	21	43
Bridge Omission	1753+33	1755+67	234							
	1755+67	1757+00	133	239		355		25	40	40
Concrete Median (1761+78)	1757+00	1766+56	956	1721		2549			286	286
	1766+56	1767+69	113	203			301		34	34
	1767+69	1791+47	2378	4280	6341				710	710
	1791+47	1792+60	113	203			301		34	34
IL 78 (1793+31)	1792+60	1793+88	128	230		341			38	38
	1793+88	1795+01	113	203			301		34	34
	1795+01	1873+34	7833	14099	20888				2339	2339
	1873+34	1874+47	113	203			301		34	34
2900E (1875+23)	1874+47	1875+68	121	218		323			36	36
	1875+68	1876+81	113	203			301		34	34
	1876+81	1928+43	5162	9292	13765				1542	1542
END JOB	1928+43	1929+96	153	275	408			25	21	43
	EB TOTAL:			163570	221411	14888	6027	345	26814	27103
							Z0034105	MATERIAL TRANSFER DEVICE:		53917

• (37-4,5,6) RS-2

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HOT-MIX ASPHALT SCHEDULE	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	ca:\pwork\pwork\pwork\grantpm\d0310501\200711-shit-schedule.dgn	DRAWN -	REVISED -			80	*	HENRY	80	26
	PLOT SCALE = 100.000' / in.	CHECKED -	REVISED -					CONTRACT NO. 64G64		
	PLOT DATE = Thu Aug 21 13:08:30 2014	DATE -	REVISED -					ILLINOIS FED. AID PROJECT		
					SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

HOT-MIX ASPHALT SCHEDULE

	X4060115	44000156	44000165	X4401198	40600990	40600845	40603153			
WESTBOUND	BEGIN	END	LENGTH (ft)	POLYMERIZED BIT. MATERIALS (PRIME COAT) (lbs.) (2 APPL)	HMA SURFACE REMOVAL 1 3/4" (sq yd)	HMA SURFACE REMOVAL 4" (sq yd)	HMA SURFACE REMOVAL (VARIABLE DEPTH) (sq yd)	TEMPORARY RAMPS (sq yd)	2" POLYMERIZED LEVELING BINDER (MM), N90 (ton)	2" POLYMERIZED HMA SURFACE COURSE, SMA, N80 (ton)
BEGIN JOB	1929+96	1928+43	153	275	408			25	21	43
	1928+43	1876+54	5189	9340	13837				1550	1550
	1876+54	1875+41	113	203			301		34	34
2900E (1875+23)	1875+41	1874+20	121	218		323			36	36
	1874+20	1873+07	113	203			301		34	34
	1873+07	1795+01	7806	14051	20816				2331	2331
	1795+01	1793+88	113	203			301		34	34
IL 78 (1793+31)	1793+88	1792+60	128	230		341			38	38
	1792+60	1791+47	113	203			301		34	34
	1791+47	1767+69	2378	4280	6341				710	710
	1767+69	1766+56	113	203			301		34	34
Concrete Median (1761+78)	1766+56	1757+00	956	1721		2549			286	286
	1757+00	1755+42	158	284		421		25	21	47
Bridge Omission	1755+42	1752+98	244							
	1752+98	1751+45	153	275	408			25	21	43
	1751+45	1650+77	10068	18122	26848				3007	3007
	1650+77	1649+64	113	203			301		34	34
2500E (1649+11)	1649+64	1648+42	122	220		325			36	36
	1648+42	1647+29	113	203			301		34	34
	1647+29	1614+74	3255	5859	8680				972	972
	1614+74	1613+21	153	275	408			25	21	43
Bridge Omission	1613+21	1609+41	380							
	1609+41	1607+88	153	275	408			25	21	43
	1607+88	1559+70	4818	8672	12848				1439	1439
	1559+70	1558+57	113	203			301		34	34
2350E (1558+25)	1558+57	1557+43	114	205		304			34	34
	1557+43	1556+30	113	203			301		34	34
	1556+30	1546+95	935	1683	2493				279	279
	1546+95	1545+82	113	203			301		34	34
Concrete Median (1541+00)	1545+82	1536+18	964	1735		2571			288	288
	1536+18	1535+05	113	203			301		34	34
	1535+05	1465+98	6907	12433	18419				2063	2063
	1465+98	1464+85	113	203			301		34	34
Atkinson Rd. (1464+48)	1464+85	1463+55	130	234		347			39	39
	1463+55	1462+42	113	203			301		34	34
	1462+42	1435+58	2684	4831	7157				802	802
	1435+58	1434+45	113	203			301		34	34
Concrete Median (1429+63)	1434+45	1424+82	963	1733		2568			288	288
2100E (1423+29)	1424+82	1422+39	243	437		648			73	73
	1422+39	1421+26	113	203			301		34	34
	1421+26	1320+07	10119	18214	26984				3022	3022
	1320+07	1318+54	153	275	408			25	21	43
Bridge Omission	1318+54	1317+10	144							
	1317+10	1315+57	153	275	408			25	21	43
	1315+57	1258+35	5722	10300	15259				1709	1709
	1258+35	1256+82	153	275	408			25	21	43
Bridge Omission	1256+82	1254+56	226							
	1254+56	1253+03	153	275	408			25	21	43
	1253+03	1163+03	9000	16200	24000				2688	2688
	1163+03	1161+90	113	203			301		34	34
1600E (1161+63)	1161+90	1160+74	116	209		309			35	35
	1160+74	1159+61	113	203			301		34	34
	1159+61	1116+53	4308	7754	11488				1287	1287
	1116+53	1115+40	113	203			301		34	34
Conc. Med./1500E (1101+01)	1115+40	1099+76	1564	2815		4171			467	467
	1099+76	1098+63	113	203			301		34	34
	1098+63	1081+21	1742	3136	4645				520	520
Transition to 3 lanes	1081+21	1078+50	271	610	903				101	101
3 lanes	1078+50	1064+10	1440	3888	5760				645	645
	1064+10	1058+01	609	1096	1624				182	182
	1058+01	1056+48	153	275	408			25	21	43
Bridge Omission	1056+48	1051+82	466							
	1051+82	1050+19	163	293	435			25	21	46
	1050+19	1047+67	252	454	672				75	75
3 lanes	1047+67	1046+31	136	367	544				61	61
3 lanes	1046+31	1044+78	153	413	612			32	21	64
Bridge Omission	1044+78	1041+56	322							
3 lanes	1041+56	1040+03	153	413	612			32	21	64
3 lanes	1040+03	1027+12	1291	3486	5164				578	578
Transition to 2 lanes	1027+12	1022+48	464	1044	1547				173	173
	1022+48	1021+35	113	203			301		34	34
END JOB	1021+35	1020+30	105	189		280		25	21	31
				WB TOTAL:	163718	221360.7	15157.3	360.2	26744.2	27127.7
				MAINLINE TOTAL:	327,287	442,771	30,045	705	53,558	54,230
							Z0034105	MATERIAL TRANSFER DEVICE:		107,789

• (37-4,5,6) RS-2

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HOT-MIX ASPHALT SCHEDULE				F.A.I. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	es:\pwork\pwork\grantpm\d0310501\020011-sh-t-schedule.dgn	DRAWN -	REVISED -						80	*	HENRY	80	27	
Default	PLOT SCALE = 100.000 / in.	CHECKED -	REVISED -						CONTRACT NO. 64G64					
	PLOT DATE = Thu Aug 21 13:08:45 2014	DATE -	REVISED -						SCALE:	SHEET	OF	SHEETS	STA.	TO

ILLINOIS FED. AID PROJECT

SHOULDER SCHEDULE

	40600982	44000165	X4401198	X4060110	X4060110	40603310	40603310	48203100	48101200			
EASTBOUND 4' SHOULDER	BEGIN	END	LENGTH (ft)	HMA SURFACE REMOVAL - BUTT JOINT (sq yd)	HMA SURFACE REMOVAL 4" (sq yd)	HMA SURFACE REMOVAL (VARIABLE DEPTH) (sq yd)	BITUMINOUS MATERIALS (PRIME COAT) (lbs.) (2 APPL.)	BITUMINOUS MATERIALS (PRIME COAT) (lbs.) (1 APPL)	2.25" HMA SURFACE COURSE, MIX C, N50 (ton)	2" HMA SURFACE COURSE, MIX C, N50 (ton)	2" HMA SHOULDERS (ton)	AGGREGATE SHOULDER, TYPE B (ton)
BEGIN/Median Omiss.	1020+30	1021+35	105									
	1021+35	1022+48	113			50	34		6			7
	1022+48	1041+08	1860					372	104			119
	1041+08	1042+61	153	68				31	9			10
Bridge Omission	1042+61	1045+80	319									
	1045+80	1047+33	153	68				31	9			10
	1047+33	1050+61	328					66	18			21
	1050+61	1052+14	153	68				31	9			10
Bridge Omission	1052+14	1057+23	509									
	1057+23	1058+76	153	68				31	9			10
	1058+76	1099+36	4060					812	227			259
	1099+36	1100+49	113			50	34		6		9	7
1500E	1100+49	1106+02	553		246		166			28	28	35
Median Omission	1106+02	1115+40	938									
	1115+40	1116+93	153	68				31	9		9	10
	1116+93	1159+64	4271					854	239			272
	1159+64	1160+77	113			50	34		6		9	7
1600E	1160+77	1161+93	116		52		35			6	6	7
	1161+93	1163+06	113			50	34		6		9	7
	1163+06	1253+07	9001					1800	504			574
	1253+07	1254+60	153	68				31	9			10
Bridge Omission	1254+60	1256+83	223									
	1256+83	1258+36	153	68				31	9			10
	1258+36	1315+73	5737					1147	321			366
	1315+73	1317+26	153	68				31	9			10
Bridge Omission	1317+26	1318+51	125									
	1318+51	1320+04	153	68				31	9			10
	1320+04	1421+47	10143					2029	568			647
	1421+47	1422+60	113			50	34		6		9	7
2100E	1422+60	1425+01	241		107		72			12	12	15
Median Omission	1425+01	1434+45	944									
	1434+45	1435+98	153	68				31	9		9	10
	1435+98	1462+67	2669					534	149			170
	1462+67	1463+80	113			50	34		6		9	7
CO HWY 5 (Atkinson)	1463+80	1465+07	127		56		38			6	6	8
	1465+07	1466+20	113			50	34		6		9	7
	1466+20	1535+05	6885					1377	386			439
	1535+05	1536+18	113	50				23	6		9	7
Median Omission	1536+18	1545+82	964									
	1545+82	1547+35	153	68				31	9		9	10
	1547+35	1556+46	911					182	51			58
	1556+46	1557+59	113			50	34		6		9	7
2350E	1557+59	1558+94	135		60		41			7	7	9
	1558+94	1560+07	113			50	34		6		9	7
	1560+07	1608+32	4825					965	270			308
	1608+32	1609+85	153	68				31	9			10
Bridge Omission	1609+85	1613+65	380									
	1613+65	1615+18	153	68				31	9			10
	1615+18	1647+05	3187					637	178			203
	1647+05	1648+18	113			50	34		6		9	7
2500E	1648+18	1649+40	122		54		37			6	6	8
	1649+40	1650+53	113			50	34		6		9	7
	1650+53	1751+80	10127					2025	567			646
	1751+80	1753+33	153	68				31	9			10
Bridge Omission	1753+33	1755+67	234									
	1755+67	1757+00	133		59		40		7	7	7	8
Median Omission	1757+00	1766+56	956									
	1766+56	1768+09	153	68				31	9		9	10
	1768+09	1791+47	2338					468	131			149
	1791+47	1792+60	113			50	34		6		9	7
IL 78	1792+60	1793+88	128		57		38			6	6	8
	1793+88	1795+01	113			50	34		6		9	7
	1795+01	1873+34	7833					1567	439			500
	1873+34	1874+47	113			50	34		6		9	7
2900E	1874+47	1875+68	121		54		36			6	6	8
	1875+68	1876+81	113			50	34		6		9	7
	1876+81	1928+43	5162					1032	289			329
END JOB	1928+43	1929+96	153	68				31	9			10
	EB TOTAL:			1138	745	753	1011	16406	4689	83	261	5438

• (37-4,5,6) RS-2

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SHOULDER SCHEDULE	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	es:\pw_work\p\dot\grantpm\0310501\020011-sh-t-schedule.dgn	DRAWN -	REVISED -			80	*	HENRY	80	28
	PLOT SCALE = 100.000' / in.	CHECKED -	REVISED -					CONTRACT NO. 64064		
	PLOT DATE = Thu Aug 21 13:09:02 2014	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA. TO STA.
ILLINOIS FED. AID PROJECT										

SHOULDER SCHEDULE

EASTBOUND SHOULDER (10' unless otherwise noted)	BEGIN	END	LENGTH (ft)	40600982	44000165	X4401198	X4060110	X4060110	40603310	40603310	48203100	48102100
				HMA SURFACE REMOVAL - BUTT JOINT (sq yd)	HMA SURFACE REMOVAL 4" (sq yd)	HMA SURFACE REMOVAL (VARIABLE DEPTH) (sq yd)	BITUMINOUS MATERIALS (PRIME COAT) (lbs.) (2 APPL.)	BITUMINOUS MATERIALS (PRIME COAT) (lbs.) (1 APPL.)	2.25" HMA SURFACE COURSE, MIX C, N50 (ton)	2" HMA SURFACE COURSE, MIX C, N50 (ton)	2" HMA SHOULDERS (ton)	AGGREGATE SHOULDER, TYPE B (ton)
BEGIN JOB	1020+30	1021+35	105		117		79			13	13	7
	1021+35	1022+48	113			126	85			14	14	7
	1022+48	1028+48	600					300	84			38
10' to 6' transition	1028+48	1031+18	270					108	30			17
6'	1031+18	1041+08	990					297	83			63
6'	1041+08	1042+61	153	102				46	12			10
Bridge Omission	1042+61	1045+80	319									
Omission for Ramp	1045+80	1046+53	73									
Gore = 0 - 18' wide	1046+53	1048+40	187	113			84		24			
	1048+40	1050+61	221				111		31			14
	1050+61	1052+14	153	170			77		20			10
Bridge Omission	1052+14	1057+23	509									
	1057+23	1058+76	153	170			77		20			10
	1058+76	1063+66	490				245		69			31
Gore = 18' - 0	1063+66	1067+24	358				161		45			
6'	1067+24	1085+63	1839				552		154			117
6' to 10' transition	1085+63	1091+32	569				228		64			36
	1091+32	1099+36	804				402		113			51
	1099+36	1100+49	113			126				14	14	7
1500E/Conc Med	1100+49	1115+40	1491		1657		1118			186	186	95
	1115+40	1116+53	113			126	85			14	14	7
	1116+53	1159+64	4311					2156	604			275
	1159+64	1160+77	113			126	85			14	14	7
1600E	1160+77	1161+93	116		129		87			14	14	7
	1161+93	1163+06	113			126	85			14	14	7
	1163+06	1253+07	9001					4501	1260			574
	1253+07	1254+60	153	170			77		20			10
Bridge Omission	1254+60	1256+83	223									
	1256+83	1258+36	153	170			77		20			10
	1258+36	1315+73	5737				2869		803			366
	1315+73	1317+26	153	170			77		20			10
Bridge Omission	1317+26	1318+51	125									
	1318+51	1320+04	153	170			77		20			10
	1320+04	1421+47	10143					5072	1420			647
	1421+47	1422+60	113			126	85			14	14	7
2100E/Conc Med	1422+60	1434+45	1185		1317		889			147	147	76
	1434+45	1435+58	113			126	85			14	14	7
	1435+58	1448+14	1256					628	176			80
Omission for Ramp	1448+14	1450+92	278									
Gore = 0 - 18' wide	1450+92	1454+70	378					170	48			
	1454+70	1462+67	797				399		112			51
	1462+67	1463+80	113			126	85			14	14	7
Co Hwy 5 (Atkinson)	1463+80	1465+07	127		141		95			16	16	8
	1465+07	1466+20	113			126	85			14	14	7
	1466+20	1475+14	894					447	125			57
Gore = 18' - 0	1475+14	1478+84	370					167	47			
Omission for Ramp	1478+84	1486+12	728									
	1486+12	1535+05	4893					2447	685			312
	1535+05	1536+18	113			126	85			14	14	7
Concrete Median	1536+18	1545+82	964		1071		723			120	120	61
	1545+82	1546+95	113			126	85			14	14	7
	1546+95	1556+46	951					476	133			61
	1556+46	1557+59	113			126	85			14	14	7
2350E	1557+59	1558+94	135		150		101			17	17	9
	1558+94	1560+07	113			126	85			14	14	7
	1560+07	1608+32	4825					2413	676			308
Bridge Omission	1608+32	1609+85	153	170			77		20			10
	1609+85	1613+65	380									

• (37-4,5,6) RS-2

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SHOULDER SCHEDULE				F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	11-sh-t-schedule.dgn	DRAWN -	REVISED -		80	*	HENRY	80	30				
	PLOT SCALE = 100.000' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 64064				
	PLOT DATE = Thu Aug 21 13:09:35 2014	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				

SHOULDER SCHEDULE

EASTBOUND SHOULDER (10' unless otherwise noted)	BEGIN	END	LENGTH (ft)	40600982	44000165	X4401198	X4060110	X4060110	40603310	40603310	48203100	48102100
				HMA SURFACE REMOVAL - BUTT JOINT (sq yd)	HMA SURFACE REMOVAL 4" (sq yd)	HMA SURFACE REMOVAL (VARIABLE DEPTH) (sq yd)	BITUMINOUS MATERIALS (PRIME COAT) (lbs.) (2 APPL.)	BITUMINOUS MATERIALS (PRIME COAT) (lbs.) (1 APPL.)	2.25" HMA SURFACE COURSE, MIX C, N50 (ton)	2" HMA SURFACE COURSE, MIX C, N50 (ton)	2" HMA SHOULDERS (ton)	AGGREGATE SHOULDER, TYPE B (ton)
	1613+65	1615+18	153	170				77	20			10
	1615+18	1647+05	3187					1594	446			203
2500E	1647+05	1648+18	113			126	85			14	14	7
	1648+18	1649+40	122		136		92			15	15	8
	1649+40	1650+53	113			126	85			14	14	7
	1650+53	1751+80	10127					5064	1418			646
Bridge Omission	1751+80	1753+33	153	170				77	20			10
	1753+33	1755+67	234									
Concrete Median	1755+67	1757+00	133		148		100			17	17	8
	1757+00	1766+56	956		1062		717			119	119	61
	1766+56	1767+69	113			126	85			14	14	7
Omission for Ramp Gore = 0 - 18' wide	1767+69	1779+87	1218					609	171			78
	1779+87	1783+00	313									
IL 78	1783+00	1785+02	202					91	25			
	1785+02	1791+47	645					323	90			41
	1791+47	1792+60	113			126	85			14	14	7
	1792+60	1793+88	128		142		96			16	16	8
Gore = 18' - 0 Omission for Ramp	1793+88	1795+01	113			126	85			14	14	7
	1795+01	1803+78	877					439	123			56
	1803+78	1807+47	369					166	46			
2900E	1807+47	1812+11	464									
	1812+11	1873+34	6123					3062	857			391
	1873+34	1874+47	113			126	85			14	14	7
	1874+47	1875+68	121		134		91			15	15	8
END JOB	1875+68	1876+81	113			126	85			14	14	7
	1876+81	1928+43	5162					2581	723			329
	1928+43	1929+96	153	170				77	21			10
EB SUBTOTAL:				1915.0	6203.3	2511.1	5882.3	38965.0	10898.8	976.0	976.0	5450.2

• (37-4,5,6) RS-2

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SHOULDER SCHEDULE				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	c:\pwork\pwork\grantpm\0310501\0200711-sh-t-schedule.dgn	DRAWN -	REVISED -		80	*	HENRY	80	31				
	PLOT SCALE = 100.000 / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 64664				
	PLOT DATE = Thu Aug 21 13:08:15 2014	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

SHOULDER SCHEDULE

WESTBOUND SHOULDER (10' unless otherwise noted)	BEGIN	END	LENGTH (ft)	40600982	44000165	X4401198	X4060110	X4060110	40603310	40603310	48203100	48102100
				HMA SURFACE REMOVAL - BUTT JOINT (sq yd)	HMA SURFACE REMOVAL 4" (sq yd)	HMA SURFACE REMOVAL (VARIABLE DEPTH) (sq yd)	BITUMINOUS MATERIALS (PRIME COAT) (lbs.) (2 APPL.)	BITUMINOUS MATERIALS (PRIME COAT) (lbs.) (1 APPL.)	2.25" HMA SURFACE COURSE, MIX C, N50 (ton)	2" HMA SURFACE COURSE, MIX C, N50 (ton)	2" HMA SHOULDERS (ton)	AGGREGATE SHOULDER, TYPE B (ton)
BEGIN JOB	1929+96	1928+43	153	170				77	21			10
	1928+43	1876+54	5189					2595	726			331
	1876+54	1875+41	113			126	85			14	14	7
2900E	1875+41	1874+20	121		134		91			15	15	8
	1874+20	1873+07	113			126	85			14	14	7
	1873+07	1808+22	6485					3243	908			414
Omission for Ramp	1808+22	1803+60	462									
Gore = 0 - 18'	1803+60	1801+49	211					106	30			
	1801+49	1795+01	648					324	91			41
	1795+01	1793+88	113			126	85			14	14	7
IL 78	1793+88	1792+60	128		142		96			16	16	8
	1792+60	1791+47	113			126	85			14	14	7
	1791+47	1782+40	907					454	127			58
Gore = 18' - 0	1782+40	1779+11	329					165	46			
Omission for Ramp	1779+11	1773+55	556									
	1773+55	1767+69	586					293	82			37
	1767+69	1766+56	113			126	85			14	14	7
Concrete Median	1766+56	1757+00	956		1062		717			119	119	61
	1757+00	1755+42	158		176		119			20	20	10
Bridge Omission	1755+42	1752+98	244									
	1752+98	1751+45	153	170				77	21			10
	1751+45	1650+77	10068					5034	1410			642
	1650+77	1649+64	113			126	85			14	14	7
2500E	1649+64	1648+42	122		136		92			15	15	8
	1648+42	1647+29	113			126	85			14	14	7
	1647+29	1614+74	3255					1628	456			208
	1614+74	1613+21	153	170				77	21			10
Bridge Omission	1613+21	1609+41	380									
	1609+41	1607+88	153	170				77	21			10
	1607+88	1559+70	4818					2409	675			307
	1559+70	1558+57	113			126	85			14	14	7
2350E	1558+57	1557+43	114		127		86			14	14	7
	1557+43	1556+30	113			126	85			14	14	7
	1556+30	1546+95	935					468	131			60
	1546+95	1545+82	113			126	85			14	14	7
Concrete Median	1545+82	1536+18	964		1071		723			120	120	61
	1536+18	1535+05	113			126	85			14	14	7
	1535+05	1480+08	5497					2749	770			351
Omission for Ramp	1480+08	1477+32	276									
Gore = 0 - 18'	1477+32	1473+57	375					188	53			
	1473+57	1465+98	759					380	106			48
	1465+98	1464+85	113			126	85			14	14	7
Co. Hwy 5 (Atkinson)	1464+85	1463+55	130		144		98			16	16	8
	1463+55	1462+42	113			126	85			14	14	7
	1462+42	1455+25	717					359	100			46
Gore = 18' - 0	1455+25	1450+25	500					250	70			
Omission for Ramp	1450+25	1444+23	602									
	1444+23	1435+58	865					433	121			55
	1435+58	1434+45	113			126	85			14	14	7
Concrete Median/2100E	1434+45	1422+39	1206		1340		905			150	150	77
	1422+39	1421+26	113			126	85			14	14	7
	1421+26	1320+07	10119					5060	1417			645
	1320+07	1318+54	153	170				77	21			10
Bridge Omission	1318+54	1317+10	144									

• (37-4,5,6) RS-2

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SHOULDER SCHEDULE	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	c:\pwork\pwork\grantpm\0310501\0200711-sh-t-schedule.dgn	DRAWN -	REVISED -			80	*	HENRY	80	32	
	PLOT SCALE = 100.000' / in.	CHECKED -	REVISED -			SCALE: SHEET OF SHEETS STA. TO STA.					
	PLOT DATE = Thu Aug 21 13:10:29 2014	DATE -	REVISED -			ILLINOIS FED. AID PROJECT CONTRACT NO. 64064					

SHOULDER SCHEDULE

WESTBOUND SHOULDER (10' unless otherwise noted)	BEGIN	END	LENGTH (ft)	40600982	44000165	X4401198	X4060110	X4060110	40603310	40603310	48203100	48102100	
				HMA SURFACE REMOVAL - BUTT JOINT (sq yd)	HMA SURFACE REMOVAL 4" (sq yd)	HMA SURFACE REMOVAL (VARIABLE DEPTH) (sq yd)	BITUMINOUS MATERIALS (PRIME COAT) (lbs.) (2 APPL.)	BITUMINOUS MATERIALS (PRIME COAT) (lbs.) (1 APPL.)	2.25" HMA SURFACE COURSE, MIX C, N50 (ton)	2" HMA SURFACE COURSE, MIX C, N50 (ton)	2" HMA SHOULDERS (ton)	AGGREGATE SHOULDER, TYPE B (ton)	
	1317+10	1315+57	153	170				77	21			10	
	1315+57	1258+35	5722					2861	801			365	
Bridge Omission	1258+35	1256+82	153	170				77	21			10	
	1256+82	1254+56	226										
	1254+56	1253+03	153	170				77	21			10	
	1253+03	1163+03	9000					4500	1260			574	
1600E	1163+03	1161+90	113			126	85			14	14	7	
	1161+90	1160+74	116		129		87			14	14	7	
	1160+74	1159+61	113			126	85			14	14	7	
	1159+61	1116+53	4308					2154	603			275	
Concrete Median/1500E	1116+53	1115+40	113			126	85			14	14	7	
	1115+40	1099+76	1564		1738		1173			195	195	100	
	1099+76	1098+63	113			126	85			14	14	7	
	1098+63	1081+21	1742					871	244			111	
10' to 6' transition 6'	1081+21	1078+50	271					136	38			17	
	1078+50	1064+10	1440					432	121			92	
Omission for Ramp Gore = 0 - 18'	1064+10	1063+32	78										
	1063+32	1060+83	249										
	1060+83	1058+01	282					125	35				
Bridge Omission	1058+01	1056+48	153	170				141	39			18	
	1056+48	1051+82	466					77	21			10	
	1051+82	1050+29	153	170									
Gore = 18' - 0 6'	1050+29	1047+67	262					77	21			10	
	1047+67	1046+31	136					131	37			17	
Bridge Omission 6'	1046+31	1044+78	153	102				68	19				
	1044+78	1041+56	322					46	13			10	
6' 6' to 10' Transition	1041+56	1040+03	153	102				46	13			10	
	1040+03	1027+12	1291					387	108			82	
	1027+12	1022+48	464					232	65			30	
	1022+48	1021+35	113			126	85			14	14	7	
END	1021+35	1020+30	105		117		79			13	13	7	
WB SUBTOTAL:				1904	6316	2511	5958	39026	10927	989	989	5447	
OUTSIDE SHOULDER TOTAL:				3,819	12,519	5,022		89,831		23,791		1,965	10,897

• (37-4,5,6) RS-2

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SHOULDER SCHEDULE				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	11-sh1-schedule.dgn	DRAWN -	REVISED -		80	*	HENRY	80	33				
	PLOT SCALE = 100.000' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 64064				
	PLOT DATE = Thu Aug 21 13:10:43 2014	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				

RAMP SCHEDULE

RAMPS	BEGIN	END	LENGTH (ft)	PROPOSED SURFACE		SHOULDERS		40600982	40600990	44000165	X4401198	X4060110	40603310	X4060115	40600839	40603540	40600845	40603153	48101200
								HMA SURFACE REMOVAL - BUTT JOINT (sq yd)	TEMPORARY RAMPS (sq yd)	HMA SURFACE REMOVAL, 1.75" (sq yd)	HMA SURFACE REMOVAL, VARIABLE DEPTH (sq yd)	BITUMINOUS MATERIALS (PRIME COAT) (lbs.) (1 APPL)	2.25" HMA SURFACE COURSE, MIX C, N50 (ton)	POLYMERIZED BIT MAT'L (PRIME COAT) (lbs.) (2 APPL.)	0.75" POLY LEVELING BINDER (MM), IL-9.5FG, N70 (ton)	1.5" POLY HMA SURFACE COURSE, MIX D, N70	2" POLY LEVELING BINDER (MM), N90 (ton)	2" POLY HMA SURFACE COURSE, SMA, N80 (ton)	AGGREGATE SHOULDER, TYPE B (ton)
								WIDTH (ft)	AREA (sq yd)	4' SHOULDER AREA (sq yd)	8' SHOULDER AREA (sq yd)								
EB I-80 to IL 82																			
	20+00	22+64	264	12 to 16	411	0	235			411		106	30	277			46	46	34
	22+64	23+52	88	16	156	39	78				156	53	15	106	9	13			11
	23+52	31+58	806	16	1433	358	716					484	135	967	80	120			103
	31+58	32+30	72	16 and Var.	200	32	64					43	12	135	11	17			9
	32+30	32+98	68	Var.	476	0	60	467	39			27	8	321	27	40			9
IL 82 to EB I-80																			
	30+18	30+86	68	Var.	710	0	60	450	39			27	8	479	40	60			9
	30+86	32+29	143	16 and Var.	405	64	127					86	24	273	23	34			18
	32+29	36+09	380	16	676	169	338					228	64	456	38	57			48
	36+09	36+97	88	16	156	39	78				156	53	15	106	9	13			11
	36+97	40+42	345	16 to 12	537	0	307			537		138	39	362			60	60	44
WB I-80 TO IL 82																			
	10+00	13+25	325	12 to 16	506	0	289			506		130	36	341			57	57	41
	13+25	14+13	88	16	156	39	78				156	53	15	106	9	13			11
	14+13	22+24	811	16	1442	360	721					487	136	973	81	121			103
	22+24	22+93	69	16 and Var.	176	31	61					41	12	119	10	15			9
	22+93	23+61	68	Var.	650	0	138	426	39			62	17	439	36	55			9
IL 82 to WB I-80																			
	8+26	7+58	68	Var.	487	30	0	323	39			14	4	329	27	41			9
	7+58	6+59	99	16 and Var.	253	44	88					59	17	171	14	21			13
	6+59	4+93	166	16	295	74	148					100	28	199	17	25			21
	4+93	4+05	88	16	156	39	78				156	53	15	106	9	13			11
	4+05	1+00	305	16 to 12	474	0	271			474		122	34	320			53	53	39
EB I-80 to Atkinson Rd.																			
	53+44	56+22	278	0 to 14	216	0	247			216		111	31	146			24	24	35
	56+22	60+00	378	14	588	0	336			588		151	42	397			66	66	48
	60+00	60+88	88	14	137	39	78				137	53	15	92	8	11			11
	60+88	71+62	1074	14	1671	477	955					644	180	1128	94	140			137
	71+62	72+07	45	14 and Var.	90	20	40					27	8	61	5	8			6
	72+07	72+75	68	Var.	536	32	81	442	39			51	14	362	30	45			9
Atkinson Rd. to EB I-80																			
	81+82	81+14	68	14 and Var.	393	30	65	358	39			43	12	265	22	33			9
	81+14	71+93	921	14	1433	409	819					553	155	967	80	120			117
	71+93	71+05	88	14	137	39	78				137	53	15	92	8	11			11
	71+05	68+83	222	14	345	0	197			345		89	25	233			39	39	28
	68+83	61+54	729	14 to 0	567	0	648			567		292	82	383			64	64	93
WB I-80 to Atkinson Rd.																			
	43+28	46+03	275	0 to 14	214	0	244			214		110	31	144			24	24	35
	46+03	49+80	377	14	586	0	335			586		151	42	396			66	66	48
	49+80	50+68	88	14	137	39	78				137	53	15	92	8	11			11
	50+68	60+38	970	14	1509	431	862					582	163	1019	84	127			124
	60+38	60+83	45	14 and Var.	88	20	40					27	8	59	5	7			6
	60+83	61+51	68	Var.	567	33	82	477	39			52	15	383	32	48			9

• (37-4,5,6) RS-2

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAMP SCHEDULE	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	ca:\pwork\pwork\grantpm\d0310501\0200711-sh-t-schedule.dgn	DRAWN -	REVISED -			80	*	HENRY	80	34	
	PLOT SCALE = 100.000' / in.	CHECKED -	REVISED -			CONTRACT NO. 64664					
	PLOT DATE = Thu Aug 21 13:11:04 2014	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

SCALE: SHEET OF SHEETS STA. TO STA.

RAMP SCHEDULE

RAMPS	BEGIN	END	LENGTH (ft)	PROPOSED SURFACE		SHOULDERS		40600982	40600990	44000165	X4401198	X4060110	40603310	X4060115	40600839	40603540	40600845	40603153	48101200
				WIDTH (ft)	AREA (sq yd)	4' SHOULDER AREA (sq yd)	8' SHOULDER AREA (sq yd)	HMA SURFACE REMOVAL - BUTT JOINT (sq yd)	TEMPORARY RAMPS (sq yd)	HMA SURFACE REMOVAL, 1.75" (sq yd)	HMA SURFACE REMOVAL, VARIABLE DEPTH (sq yd)	BITUMINOUS MATERIALS (PRIME COAT) (lbs.) (1 APPL)	2.25" HMA SURFACE COURSE, MIX C, N50 (ton)	POLYMERIZED BIT MAT'L (PRIME COAT) (lbs.) (2 APPL.)	0.75" POLY LEVELING BINDER (MM), IL-9.5FG, N70 (ton)	1.5" POLY HMA SURFACE COURSE, MIX D, N70	2" POLY LEVELING BINDER (MM), N90 (ton)	2" POLY HMA SURFACE COURSE, SMA, N80 (ton)	AGGREGATE SHOULDER, TYPE B (ton)
Atkinson Rd. to WB I-80																			
	49+69	49+01	68	Var.	514	34	68	439	39			46	13	347	29	43			9
	49+01	48+56	45	14 and Var.	85	20	40					27	8	57	5	7			6
	48+56	41+93	663	14	1031	295	589					398	111	696	58	87			85
	41+93	41+05	88	14	137	39	78				137	53	15	92	8	11			11
	41+05	37+10	395	14	614	0	351			614		158	44	415			69	69	50
	37+10	31+08	602	14 to 0	468	0	535			468		241	67	316			52	52	77
EB I-80 to IL 78																			
	94+18	98+51	433	0 to 14	337	0	385			337		173	48	227			38	38	55
	98+51	100+40	189	14	294	0	168			294		76	21	198			33	33	24
	100+40	101+28	88	14	137	39	78				137	53	15	92	8	11			11
	101+28	110+78	950	14	1478	422	844					570	160	998	83	124			121
	110+78	111+16	38	14 and Var.	70	17	34					23	6	47	4	6			5
	111+16	111+84	68	Var.	612	30	101	512	39			59	17	413	34	51			9
IL 78 to EB I-80																			
	200+26	200+94	68	Var.	688	30	0	590	39			14	4	464	39	58			9
	200+94	201+39	45	14 and Var.	120	20	40					27	8	81	7	10			6
	201+39	209+41	802	14	1248	356	713					481	135	842	70	105			102
	209+41	210+29	88	14	137	39	78				137	53	15	92	8	11			11
	210+29	213+93	364	14	566	0	324			566		146	41	382			63	63	46
	213+93	218+56	463	14 to 0	360	0	412			360		185	52	243			40	40	59
WB I-80 to IL 78																			
	84+19	88+54	435	0 to 14	338	0	387			338		174	49	228			38	38	55
	88+54	90+52	198	14	308	0	176			308		79	22	208			34	34	25
	90+52	91+40	88	14	137	39	78				137	53	15	92	8	11			11
	91+40	101+22	982	14	1528	436	873					589	165	1031	86	128			125
	101+22	101+67	45	14 and Var.	100	20	40					27	8	68	6	8			6
	101+67	102+35	68	Var.	635	34	83	545	39			52	15	428	36	53			9
IL 78 to WB I-80																			
	91+55	90+87	68	Var.	691	33	68	607	39			45	13	467	39	58			9
	90+87	90+42	45	14 and Var.	133	20	40					27	8	89	7	11			6
	90+42	82+10	832	14	1294	370	740					499	140	874	72	109			106
	82+10	81+22	88	14	137	39	78				137	53	15	92	8	11			11
	81+22	78+30	292	14	454	0	260			454		117	33	307			51	51	37
	78+30	71+11	719	14 to 0	559	0	639			559		288	81	377			63	63	92
TOTAL:								5,636	468	8,744	1,721	10,190	2,853	23,070	1,424	2,137	979	979	2,488

• (37-4,5,6) RS-2

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAMP SCHEDULE	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	Default	DRAWN -	REVISED -			80	*	HENRY	80	35	
		CHECKED -	REVISED -			CONTRACT NO. 64064					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

PATCHING SCHEDULE

12 FEET LANE WIDTH

STATION	LENGTH OF PATCH		44201043		44201047		44201048		44213200	44201299	44213204	44213100
	LT LANE (feet)	RT LANE (feet)	TYPE 2		TYPE 3		TYPE 4		SAW CUTS (3W+?L) (feet)	DOWEL BARS, 1.5" (each)	TIE BARS, 3/4" (each)	PAVEMENT FABRIC (yd ²)
			LT LANE (yd ²)	RT LANE (yd ²)	LT LANE (yd ²)	RT LANE (yd ²)	LT LANE (yd ²)	RT LANE (yd ²)				
WEST BOUND:												
1103+00	1104+15	115						153.3	266	20	57	153.3
1106+20	1107+18	98						130.7	232	20	48	130.7
1178+46	1178+58	12				16.0			60	20		16.0
1254+39	1254+49	10		13.3					56	20		
1316+93	1317+33	40						53.3	116	20	19	53.3
1327+35	1327+53	18				24.0			72	20		24.0
1353+04	1353+14	10		13.3					56	20		
1409+20	1409+38	18				24.0			72	20		24.0
1514+49	1514+59	10		13.3					56	20		
1578+82	1578+96	14				18.7			64	20		18.7
1609+06	1609+48	42						56.0	120	20	20	56.0
1613+91	1614+91	100						133.3	236	20	49	133.3
1615+90	1616+92	102						136.0		20	50	136.0
1616+62	1617+62	100					133.3		236	20	49	133.3
1666+55	1666+76	21						28.0	78	20	10	28.0
1668+19	1668+29	10		13.3					56	20		
1695+91	1696+06	15				20.0			66	20		20.0
1720+61	1720+71	10		13.3					56	20		
1744+98	1745+06	8		10.7					52	20		
1745+89	1745+99	10		13.3					56	20		
1791+42	1792+32	90						120.0	216	20	44	120.0
1794+12	1797+12	300						400.0	636	20	149	400.0
1841+01	1841+21	20						26.7	76	20	9	26.7
1873+52	1874+20	68						90.7	172	20	33	90.7
1874+57	1875+25	68						90.7	172	20	33	90.7
1875+43	1877+06	163						217.3	362	20	81	217.3
1878+80	1878+95	15				20.0			66	20		20.0
1928+71	1928+77	6		8.0					48	20		
EAST BOUND:												
1316+89	1317+15	26						34.7	88	20	12	34.7
1319+24	1319+49	25						33.3	86	20	12	33.3
1486+69	1486+75	6	6	8.0	8.0				131.3	40		
1504+52	1504+58	6	6	8.0	8.0				259.3	40		
1662+64	1662+74	10		13.3					56	20		
1765+65	1765+76	11		14.7					58	20		
1766+70	1766+82	12				16.0			60	20		16.0
1767+38	1767+88	50						66.7	136	20	24	66.7
1780+64	1780+79	15	15			20.0	20.0		87	40		40.0
1791+89	1794+03	214						285.3	464	20	106	285.3
1804+28	1804+40	12					16.0		60	20		16.0
1874+16	1874+28	12					16.0		60	20		16.0
1875+94	1876+19	25						33.3	86	20	12	33.3
1877+11	1877+23	12					16.0		60	20		16.0
1928+80	1928+92	12					16.0		60	20		16.0
SUBTOTALS:			16.0	142.7	20.0	222.7	133.3	2089.3	5505.7	920.0	817.0	2465.3
TOTAL:			159	243	243	243	2,223	5,506	920	817	2,465	

(37-4,5,6) RS-2

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PATCHING SCHEDULE	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\pwork\grantpm\d0310501\200711-sh1-schedule.dgn		DRAWN -	REVISED -			80	*	HENRY	80	36	
Default		CHECKED -	REVISED -			CONTRACT NO. 64064					
	PLOT DATE = Fri Aug 22 08:56:52 2014	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO

ILLINOIS FED. AID PROJECT

GUARDRAIL SCHEDULE

LOCATION	REMARKS	63000001	63000003	63100045	63100085	63100089	63100167	63200310	63301210	63301215	63301220
		SPBGR TY A 6FT POSTS	SPBGR TY A 9FT POSTS	TRAFFIC BARRIER TYPE 2	TRAFFIC BARRIER TYPE 6	TRAFFIC BARRIER TYPE 6B	TBT, T1 (SPL) TANGENT	GUARDRAIL REMOVAL	REM RE-E SPBGR TY A	REM RE-E SPBGR TY B	REM RE-E SPBGR TY C
		FOOT	FOOT	EACH	EACH	EACH	EACH	FOOT	FOOT	FOOT	FOOT
INTERSTATE 80 - EASTBOUND											
1039+50.8 - 1042+57.0	Bridge over a creek, SN 037-0035, inside shoulder							100.0	212.5		
1039+98.8 - 1043+05.0	Bridge over a creek, SN 037-0035, outside shoulder							100.0	212.5		
1050+62.3 - 1053+59.0	Bridge over IL 82, SN 037-0169, inside shoulder							100.0	212.5		
1050+59.3 - 1053+78.0	Bridge over IL 82, SN 037-0169, outside shoulder							75.0	237.5		
1098+11.8 - 1101+05.5	1500E, Sta. 1101+01, SN 037-0112, protecting the pier and the bridge cone					1		150.0	187.5		
1154+36.3 - 1161+67.5	1600E, Sta. 1161+63, SN 037-0113, protecting the pier, bridge cone & culvert					1		137.5	625.0		
1213+64.0 - 1220+01.5	Culvert west of SN 037-0039, protecting a culvert and slopes							137.5	575.0		
1251+34.8 - 1254+41.0	Bridge over a creek, SN 037-0039, inside shoulder	212.5			1		1	456.3			
1252+09.8 - 1254+41.0	Bridge over a creek, SN 037-0039, outside shoulder							87.5	137.5		
1268+08.0 - 1270+70.5	Culvert with no existing guardrail, east of 1600E, protecting the culvert	200.0		1			1				
1314+10.8 - 1317+17.0	Bridge over 1900E, SN 037-0041, inside shoulder	212.5			1		1	456.3			
1314+60.8 - 1317+17.0	Bridge over 1900E, SN 037-0041, outside shoulder							87.5	162.5		
1393+66.5 - 1396+66.5	Culvert east of 1900E, protecting the culvert							37.5	237.5		
1420+14.8 - 1423+33.5	2100E, Sta. 1423+29, SN 037-0114, protecting a pier and a culvert					1		175.0	212.5		
1444+30.5 - 1447+18.0	Culvert east of 2100E, protecting the culvert							25.0	225.0		
1461+33.8 - 1464+52.5	Atkinson Rd, Sta. 1464+48, SN 037-0115, protecting a pier and bridge cone					1		150.0	212.5		
1495+98.5 - 1501+86.0	Culvert east of Atkinson Rd, protecting a culvert and slope							100.0	525.0		
1555+10.8 - 1558+29.5	2350E, Sta. 1558+25, SN 037-0116, protecting a pier and bridge cone					1		225.0	212.5		
1570+26.0 - 1580+26.0	Culvert east of 2350E, protecting a culvert, water, and a slope								937.5		
1607+00.8 - 1610+07.0	Bridge over US 6, inside shoulder							125.0	212.5		
1595+56.3 - 1610+25.0	Bridge over US 6, outside shoulder							162.5	1375.0		
1613+11.0 - 1628+13.2	Bridge over US 6, outside shoulder, departing end	300.0							1175.0		
1644+09.3 - 1649+15.5	2500E, Sta. 1649+11, SN 037-0117, protecting a pier and a culvert					1		25.0	400.0		
1750+65.8 - 1753+72.0	Bridge over a creek, SN 037-0045, inside shoulder							125.0	212.5		
1751+58.8 - 1753+90.0	Bridge over a creek, SN 037-0045, outside shoulder							87.5	137.5		
1790+29.3 - 1793+35.5	IL 78, Sta. 1793+31, SN 037-0064, protecting a pier and the bridge cone.					1		50.0	200.0		
1820+61.0 - 1822+98.5	First culvert east of IL 78, protecting a culvert							137.5	175.0		
1860+26.0 - 1862+76.0	Second culvert east of IL 78, protecting a culvert							150.0	187.5		
1872+08.8 - 1875+27.5	2900E, STA. 1875+23, SN 037-0118 protecting a pier and a culvert					1		175.0	212.5		

• (37-4,5,6) RS-2

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GUARDRAIL SCHEDULE	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	Default	DRAWN -	REVISED -			80	*	HENRY	80	37	
		CHECKED -	REVISED -			SCALE:		SHEET OF SHEETS		STA. TO STA.	
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT CONTRACT NO. 64064					

GUARDRAIL SCHEDULE

LOCATION	REMARKS	63301990	63302000	63302400	63302700	63500105	78200410	78201000	X2800400	X6300130
		REM R-ER TB TERM T1	REM RE-E TB TERM T2	REM RE-E TB TERM T5	REM RE-E TB TERM T6	DELINEATORS	GUARDRAIL MARKERS, TA	TERMINAL MARKER - DA	PER EROSION BARR, SPL	SPBGR, TY A (SPECIAL)
		EACH	EACH	EACH	EACH	EACH	EACH	EACH	FOOT	FOOT
INTERSTATE 80 - EASTBOUND										
1039+50.8 - 1042+57.0	Bridge over a creek, SN 037-0035, inside shoulder	1			1	1	4			
1039+98.8 - 1043+05.0	Bridge over a creek, SN 037-0035, outside shoulder	1			1	1	4			
1050+62.3 - 1053+59.0	Bridge over IL 82, SN 037-0169, inside shoulder	1			1	1	4			
1050+59.3 - 1053+78.0	Bridge over IL 82, SN 037-0169, outside shoulder	1			1	1	4			
1098+11.8 - 1101+05.5	1500E, Sta. 1101+01, SN 037-0112, protecting the pier and the bridge cone	1				1	4			
1154+36.3 - 1161+67.5	1600E, Sta. 1161+63, SN 037-0113, protecting the pier, bridge cone & culvert	1				1	9			
1213+64.0 - 1220+01.5	Culvert west of SN 037-0039, protecting a culvert and slopes	1	1			1	8			
1251+34.8 - 1254+41.0	Bridge over a creek, SN 037-0039, inside shoulder					1	4	1		
1252+09.8 - 1254+41.0	Bridge over a creek, SN 037-0039, outside shoulder	1			1	1	4			
1268+08.0 - 1270+70.5	Culvert with no existing guardrail, east of 1600E, protecting the culvert					1	4	1		
1314+10.8 - 1317+17.0	Bridge over 1900E, SN 037-0041, inside shoulder					1	4	1		
1314+60.8 - 1317+17.0	Bridge over 1900E, SN 037-0041, outside shoulder	1				1	4			
1393+66.5 - 1396+66.5	Culvert east of 1900E, protecting the culvert	1	1			1	4			
1420+14.8 - 1423+33.5	2100E, Sta. 1423+29, SN 037-0114, protecting a pier and a culvert	1				1	4			
1444+30.5 - 1447+18.0	Culvert east of 2100E, protecting the culvert	1	1			1	4			
1461+33.8 - 1464+52.5	Atkinson Rd, Sta. 1464+48, SN 037-0115, protecting a pier and bridge cone	1				1	4			
1495+98.5 - 1501+86.0	Culvert east of Atkinson Rd, protecting a culvert and slope	1	1			1	7			
1555+10.8 - 1558+29.5	2350E, Sta. 1558+25, SN 037-0116, protecting a pier and bridge cone	1				1	4			
1570+26.0 - 1580+26.0	Culvert east of 2350E, protecting a culvert, water, and a slope	1	1			1	13			
1607+00.8 - 1610+07.0	Bridge over US 6, inside shoulder	1			1	1	4			
1595+56.3 - 1610+25.0	Bridge over US 6, outside shoulder	1			1	1	18			
1613+11.0 - 1628+13.2	Bridge over US 6, outside shoulder, departing end		1	1			19			
1644+09.3 - 1649+15.5	2500E, Sta. 1649+11, SN 037-0117, protecting a pier and a culvert	1				1	6			
1750+65.8 - 1753+72.0	Bridge over a creek, SN 037-0045, inside shoulder	1			1	1	4			
1751+58.8 - 1753+90.0	Bridge over a creek, SN 037-0045, outside shoulder	1			1	1	4			
1790+29.3 - 1793+35.5	IL 78, Sta. 1793+31, SN 037-0064, protecting a pier and the bridge cone.	1				1	4			
1820+61.0 - 1822+98.5	First culvert east of IL 78, protecting a culvert	1	1			1	4			
1860+26.0 - 1862+76.0	Second culvert east of IL 78, protecting a culvert	1	1			1	4			
1872+08.8 - 1875+27.5	2900E, STA. 1875+23, SN 037-0118 protecting a pier and a culvert	1				1	4			

(37-4,5,6) RS-2

GUARDRAIL SCHEDULE

LOCATION	REMARKS	63000001	63000003	63100045	63100085	63100089	63100167	63200310	63301210	63301215	63301220
		SPBGR TY A 6FT POSTS	SPBGR TY A 9FT POSTS	TRAFFIC BARRIER TYPE 2	TRAFFIC BARRIER TYPE 6	TRAFFIC BARRIER TYPE 6B	TBT, T1 (SPL) TANGENT	GUARDRAIL REMOVAL	REM RE-E SPBGR TY A	REM RE-E SPBGR TY B	REM RE-E SPBGR TY C
		FOOT	FOOT	EACH	EACH	EACH	EACH	FOOT	FOOT	FOOT	FOOT
INTERSTATE 80 - WESTBOUND											
1877+49.8 - 1875+18.5	2900E, STA. 1875+23, SN 037-0118 protecting a pier and a culvert					1		175.0	125.0		
1866+47.0 - 1863+84.5	First culvert west of 2900E, protecting a culvert							162.5	200.0		
1828+05.5 - 1824+93.0	Second culvert west of 2900E, protecting a culvert and slopes							50.0	250.0		
1796+45.3 - 1793+26.5	IL 78, Sta. 1793+31, SN 037-0064, protecting a pier and the bridge cone.	212.5				1	1	275.0			
1758+05.3 - 1754+99.0	Bridge over a creek, SN 037-0046, inside shoulder							62.5	212.5		
1757+91.3 - 1754+85.0	Bridge over a creek, SN 037-0046, outside shoulder							112.5	162.5		
1652+75.3 - 1649+06.5	2500E, Sta. 1649+11, SN 037-0117, protecting a pier and a culvert	262.5				1	1	437.5			
1615+70.3 - 1612+64.0	Bridge over US 6, inside shoulder							125.0	212.5		
1631+81.3 - 1612+50.0	Bridge over US 6, outside shoulder								1837.5		
1609+58.0 - 1595+43.3	Bridge over US 6, outside shoulder, departing end		1387.5					1437.5			
1607+90.5 - 1606+90.5	Bridge over US 6, outside shoulder, departing end, slope prot./erosion cont.										
1582+93.0 - 1571+43.0	Culvert west of US 6, protecting a culvert, water, and a slope								1087.5		
1561+39.3 - 1558+20.5	2350E, Sta. 1558+25, SN 037-0116, protecting a pier and bridge cone	212.5				1	1	393.8			
1506+16.0 - 1498+66.0	Culvert west of 2350E, protecting a culvert and slope								687.5		
1467+62.3 - 1464+43.5	Atkinson Rd, Sta. 1464+48, SN 037-0115, protecting a pier and bridge cone					1		137.5	212.5		
1450+38.5 - 1446+63.5	Culvert west of Atkinson Rd, protecting a culvert and slope with tree	62.5							250.0		
1426+55.8 - 1423+24.5	2100E, Sta. 1423+29, SN 037-0114, protecting a pier and a culvert					1		187.5	225.0		
1399+56.8 - 1396+94.3	Culvert west of 2100E, protecting the culvert and the slope.							75.0	200.0		
1321+43.3 - 1318+37.0	Bridge over 1900E, SN 037-0042, inside shoulder	212.5			1		1	431.3			
1324+68.3 - 1318+37.0	Bridge over 1900E, SN 037-0042, outside shoulder	537.5			1		1	531.3			
1259+40.3 - 1256+34.0	Bridge over a creek, SN 037-0040, inside shoulder							125.0	212.5		
1258+65.3 - 1256+34.0	Bridge over a creek, SN 037-0040, outside shoulder							112.5	137.5		
1221+25.0 - 1207+87.5	Culvert west of SN 037-0040, protecting a culvert and slopes	1275.0		1			1	1537.5			
1182+56.5 - 1180+06.5	Culvert with no existing guardrail, protecting the culvert	187.5		1			1				
1164+73.5 - 1158+48.5	1600E, Sta. 1161+63, SN 037-0113, protecting the pier, bridge cone & culvert							87.5	500.0	50.0	12.5
1103+90.3 - 1100+96.5	1500E, Sta. 1101+01, SN 037-0112, protecting the pier and the bridge cone					1		187.5	187.5		
1058+01.8 - 1055+08.0	Bridge over IL 82, SN 037-0170, inside shoulder							137.5	200.0		
1057+89.3 - 1054+83.0	Bridge over IL 82, SN 037-0170, outside shoulder							37.5	212.5		
1047+29.3 - 1044+23.0	Bridge over a creek, SN 037-0036, inside shoulder							125.0	212.5		
1046+09.3 - 1043+78.0	Bridge over a creek, SN 037-0036, outside shoulder							25.0	162.5		
TOTAL		3887.5	1387.5	3	4	15	10	10606.3	16900.0	50.0	12.5

• (37-4,5,6) RS-2

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GUARDRAIL SCHEDULE				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	Default	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	80	39
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		DATE -	REVISED -									ILLINOIS	FED. AID PROJECT

GUARDRAIL SCHEDULE

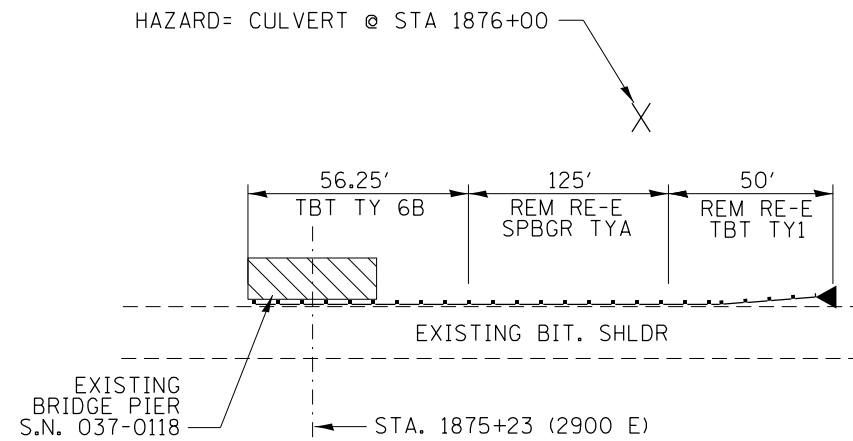
LOCATION	REMARKS	63301990	63302000	63302400	63302700	63500105	78200410	78201000	X2800400	X6300130
		REM R-ER TB TERM T1	REM RE-E TB TERM T2	REM RE-E TB TERM T5	REM RE-E TB TERM T6	DELINEATORS	GUARDRAIL MARKERS, TA	TERMINAL MARKER - DA	PER EROSION BARR, SPL	SPBGR, TY A (SPECIAL)
		EACH	EACH	EACH	EACH	EACH	EACH	EACH	FOOT	FOOT
INTERSTATE 80 - WESTBOUND										
1877+49.8 - 1875+18.5	2900E, STA. 1875+23, SN 037-0118 protecting a pier and a culvert	1				1	4			
1866+47.0 - 1863+84.5	First culvert west of 2900E, protecting a culvert	1	1			1	4			
1828+05.5 - 1824+93.0	Second culvert west of 2900E, protecting a culvert and slopes	1	1			1	4			
1796+45.3 - 1793+26.5	IL 78, Sta. 1793+31, SN 037-0064, protecting a pier and the bridge cone.					1	4	1		
1758+05.3 - 1754+99.0	Bridge over a creek, SN 037-0046, inside shoulder	1			1	1	4			
1757+91.3 - 1754+85.0	Bridge over a creek, SN 037-0046, outside shoulder	1			1	1	4			
1652+75.3 - 1649+06.5	2500E, Sta. 1649+11, SN 037-0117, protecting a pier and a culvert					1	4	1		
1615+70.3 - 1612+64.0	Bridge over US 6, inside shoulder	1			1	1	4			
1631+81.3 - 1612+50.0	Bridge over US 6, outside shoulder	1			1	1	24			
1609+58.0 - 1595+43.3	Bridge over US 6, outside shoulder, departing end		1	1		1	18			
1607+90.5 - 1606+90.5	Bridge over US 6, outside shoulder, departing end, slope prot./erosion cont.								200	100
1582+93.0 - 1571+43.0	Culvert west of US 6, protecting a culvert, water, and a slope	1	1			1	14			
1561+39.3 - 1558+20.5	2350E, Sta. 1558+25, SN 037-0116, protecting a pier and bridge cone					1	4	1		
1506+16.0 - 1498+66.0	Culvert west of 2350E, protecting a culvert and slope	1	1			1	9			
1467+62.3 - 1464+43.5	Atkinson Rd, Sta. 1464+48, SN 037-0115, protecting a pier and bridge cone	1				1	4			
1450+38.5 - 1446+63.5	Culvert west of Atkinson Rd, protecting a culvert and slope with tree	1	1			1	4			
1426+55.8 - 1423+24.5	2100E, Sta. 1423+29, SN 037-0114, protecting a pier and a culvert	1				1	4			
1399+56.8 - 1396+94.3	Culvert west of 2100E, protecting the culvert and the slope.	1	1			1	4			
1321+43.3 - 1318+37.0	Bridge over 1900E, SN 037-0042, inside shoulder					1	4	1		
1324+68.3 - 1318+37.0	Bridge over 1900E, SN 037-0042, outside shoulder					1	7	1		
1259+40.3 - 1256+34.0	Bridge over a creek, SN 037-0040, inside shoulder	1			1	1	4			
1258+65.3 - 1256+34.0	Bridge over a creek, SN 037-0040, outside shoulder	1			1	1	4			
1221+25.0 - 1207+87.5	Culvert west of SN 037-0040, protecting a culvert and slopes					1	16	1		
1182+56.5 - 1180+06.5	Culvert with no existing guardrail, protecting the culvert					1	4	1		
1164+73.5 - 1158+48.5	1600E, Sta. 1161+63, SN 037-0113, protecting the pier, bridge cone & culvert	1	1			1	7			
1103+90.3 - 1100+96.5	1500E, Sta. 1101+01, SN 037-0112, protecting the pier and the bridge cone	1				1	4			
1058+01.8 - 1055+08.0	Bridge over IL 82, SN 037-0170, inside shoulder	1			1	1	4			
1057+89.3 - 1054+83.0	Bridge over IL 82, SN 037-0170, outside shoulder	1			1	1	4			
1047+29.3 - 1044+23.0	Bridge over a creek, SN 037-0036, inside shoulder	1			1	1	4			
1046+09.3 - 1043+78.0	Bridge over a creek, SN 037-0036, outside shoulder	1			1	1	4			
TOTAL		46	16	2	19	57	349	10	200	100

• (37-4,5,6) RS-2

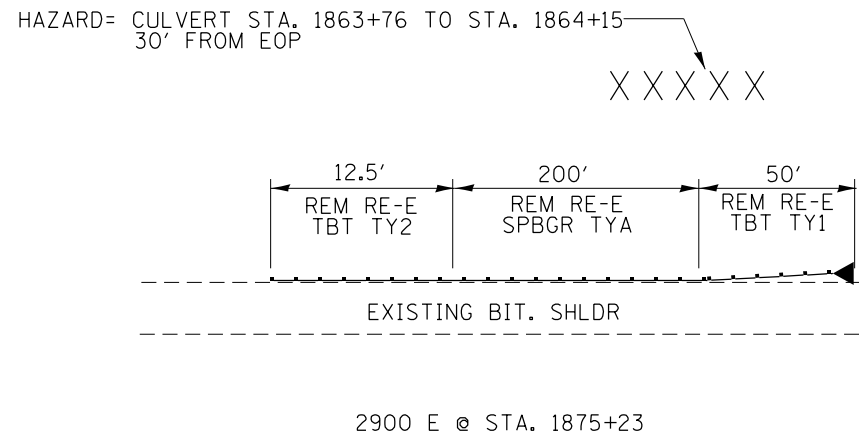
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										CONTRACT NO. 64064
										ILLINOIS FED. AID PROJECT

WESTBOUND GUARDRAIL

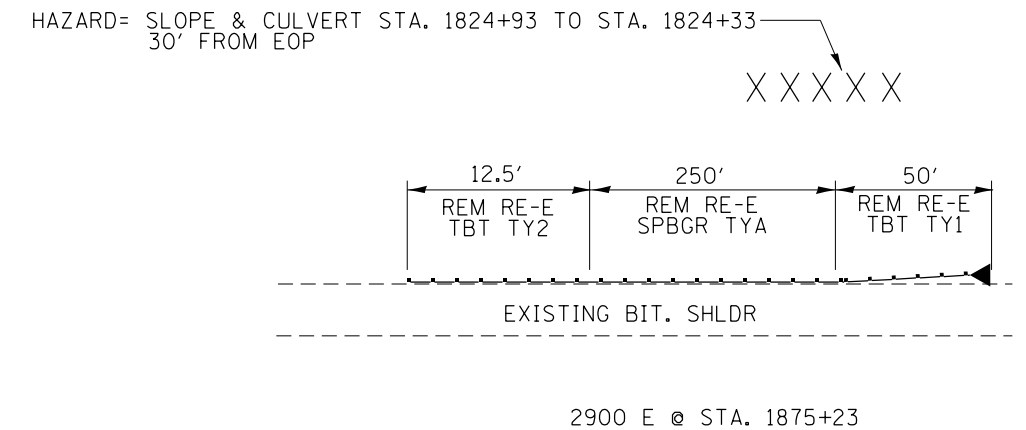
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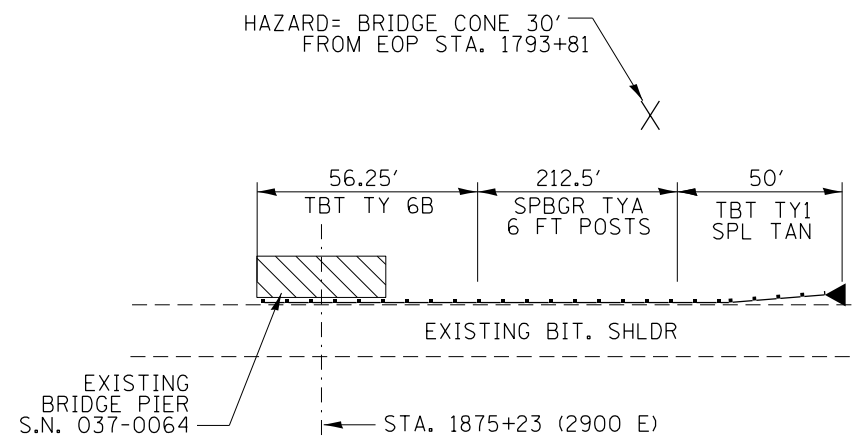
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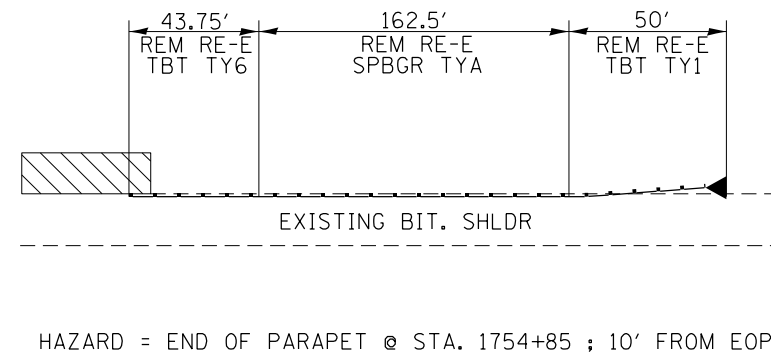
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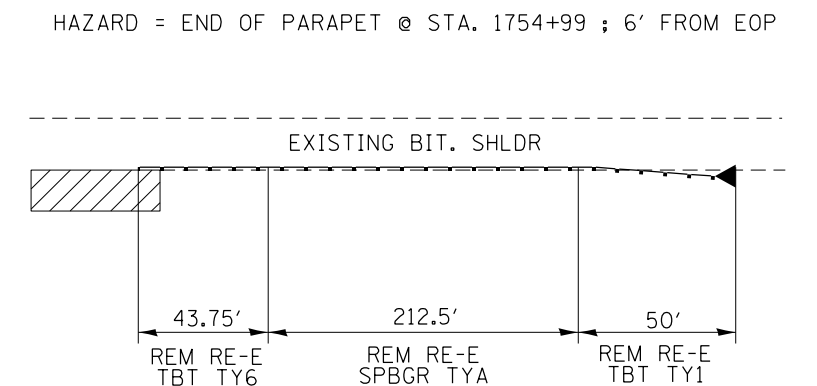
OUTSIDE STA. 1796+45.25 TO STA 1793+26.50



OUTSIDE STA 1757+91.25 TO STA 1754+85



INSIDE STA 1758+05.25 TO STA 1754+99

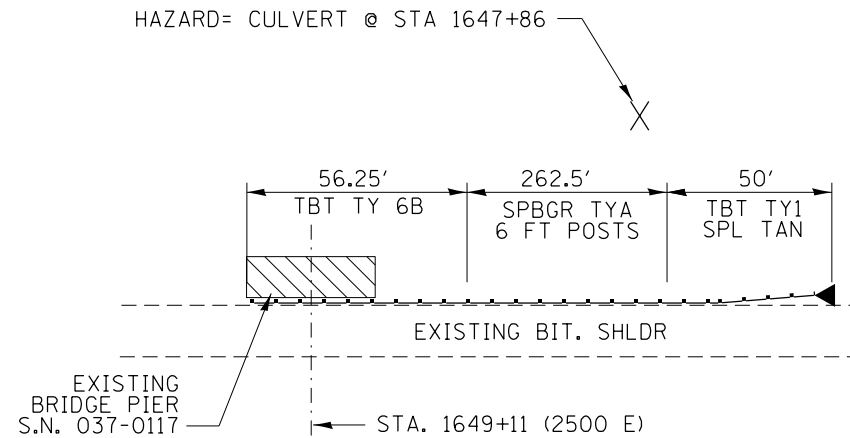


(37-4,5,6) RS-2

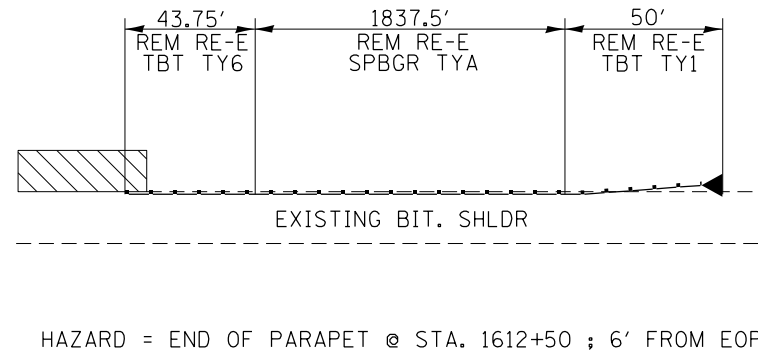
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Default	11-shd-details.dgn	DRAWN -	REVISED -					80	*	HENRY	80	41
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	PLOT DATE = Thu Aug 21 13:18:36 2014	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

WESTBOUND GUARDRAIL

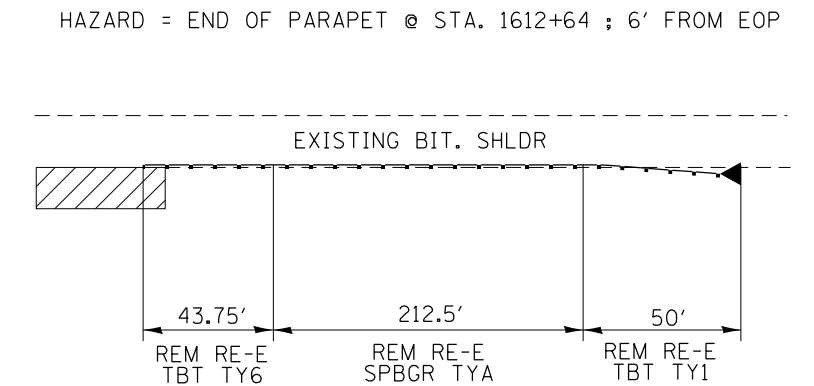
OUTSIDE STA. 1652+75.25 TO STA 1649+06.50



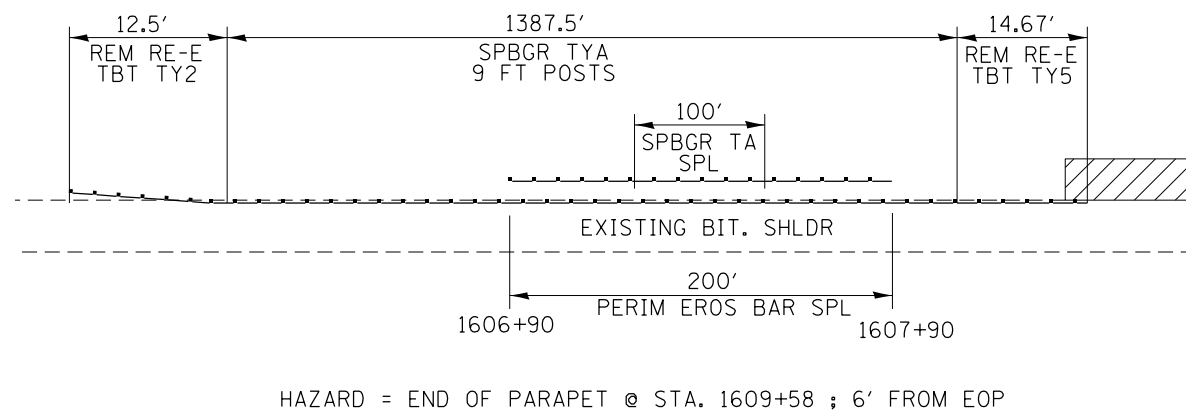
OUTSIDE STA 1612+50 TO STA 1631+70.25



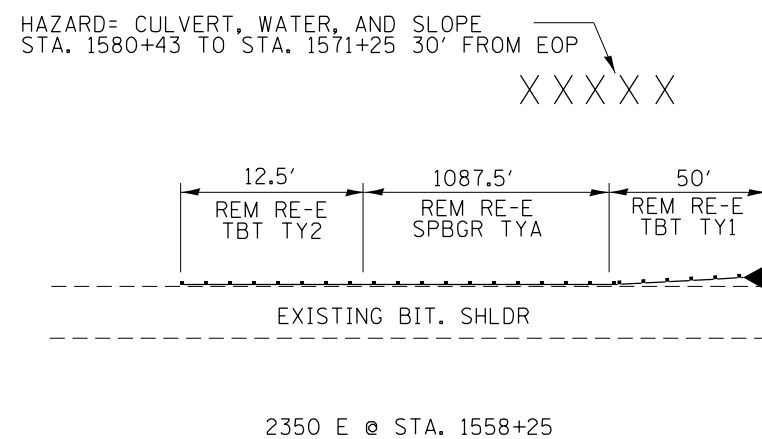
INSIDE STA 1612+64 TO STA 1615+75.25



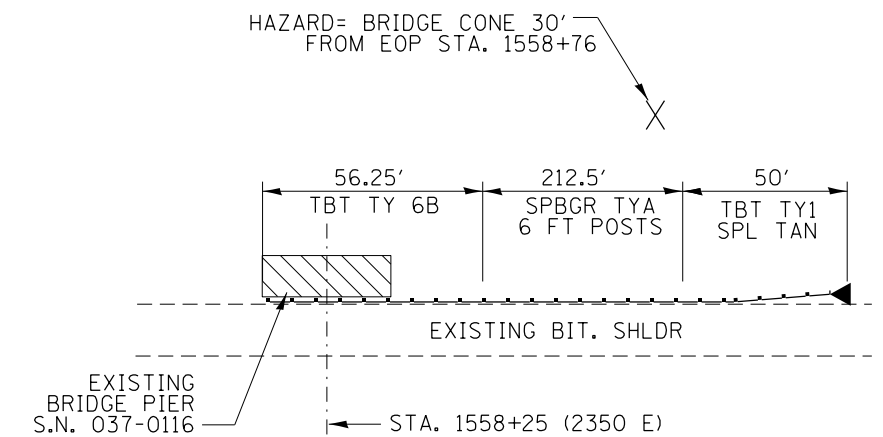
OUTSIDE STA. 1609+58 TO STA 1595+43.33



OUTSIDE STA 1582+93 TO STA 1571+43



OUTSIDE STA. 1561+39.25 TO STA 1558+20.50



FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -
ca:\pwork\pwork\grantpm\d0310501\020011-shd-details.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = Thu Aug 21 13:18:50 2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	HENRY	80	42
CONTRACT NO. 64664			ILLINOIS FED. AID PROJECT	

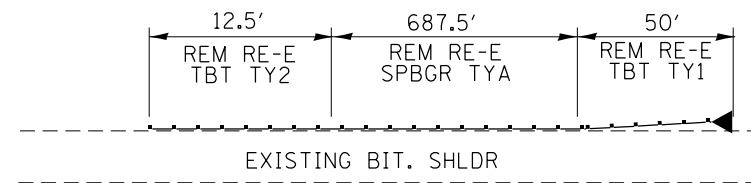
(37-4,5,6) RS-2

WESTBOUND GUARDRAIL

OUTSIDE STA 1506+16 TO STA 1498+66

HAZARD= CULVERT AND SLOPE
STA. 1504+09 TO STA. 1498+88
30' FROM EOP

X X X X X

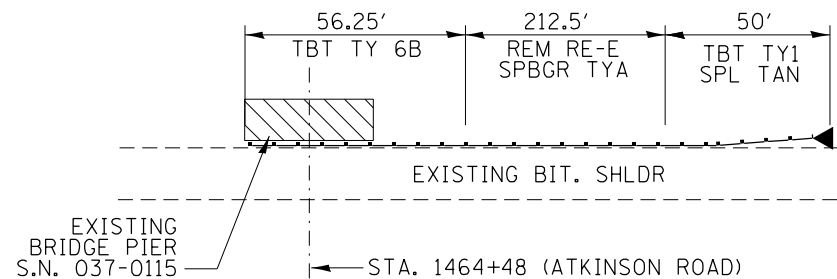


2350 E @ STA. 1558+25

OUTSIDE STA. 1467+62.25 TO STA 1464+43.50

HAZARD= BRIDGE CONE 30'
FROM EOP STA. 1465+08

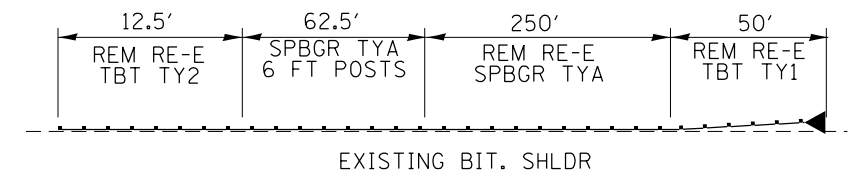
X



OUTSIDE STA 1450+38.50 TO STA 1446+63.50

HAZARD= CULVERT AND SLOPE
STA. 1447+96 TO STA. 1446+50
30' FROM EOP

X X X X X

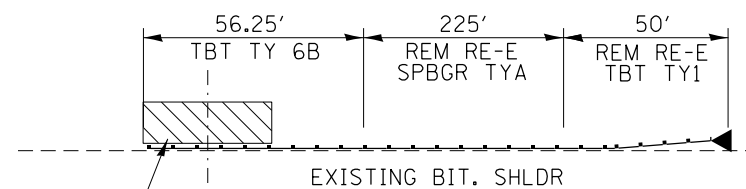


ATKINSON ROAD @ STA 1464+48

OUTSIDE STA. 1426+55.75 TO STA 1423+24.50

HAZARD= CULVERT @ STA 1424+28

X

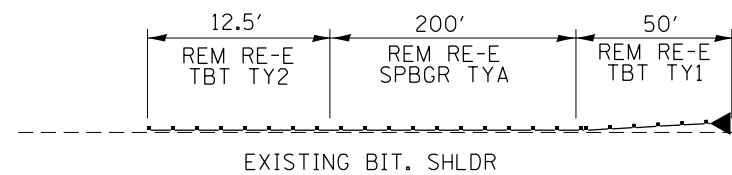


EXISTING BRIDGE PIER S.N. 037-0114
STA. 1423+29 (2100 E)

OUTSIDE STA 1399+57 TO STA 1396+94.50

HAZARD= CULVERT STA. 1396+95 TO STA. 1396+76
23' FROM EOP

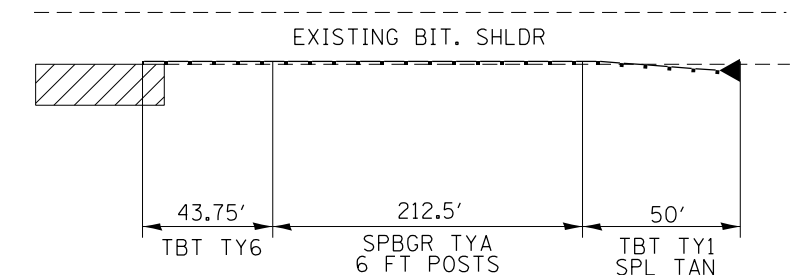
X X X X X



2100 E @ STA. 1429+23

INSIDE STA 1321+43.25 TO STA 1318+37

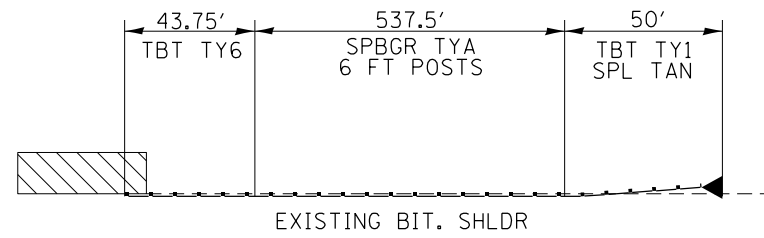
HAZARD = END OF PARAPET @ STA. 1318+37 ; 6' FROM EOP



FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GUARDRAIL DETAILS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\work\pwork\grantpm\d0310501\0200711-shd-details.dgn		DRAWN -	REVISED -					80	*	HENRY	80	43
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 64064				
	PLOT DATE = Thu Aug 21 13:19:03 2014	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

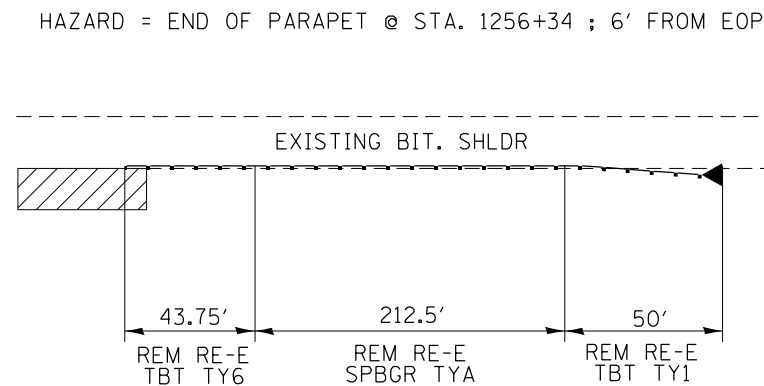
WESTBOUND GUARDRAIL

OUTSIDE STA 1324+68.25 TO STA 1318+37

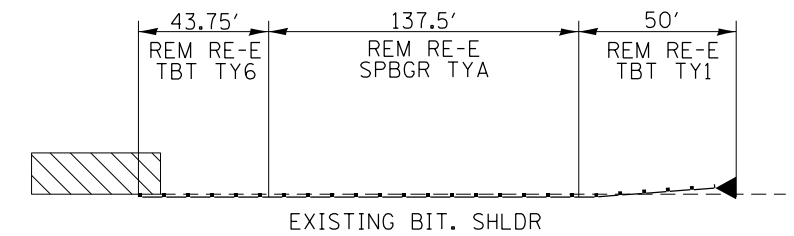


HAZARD = END OF PARAPET @ STA. 1318+37 ; 10' FROM EOP

INSIDE STA 1259+40.25 TO STA 1256+34



OUTSIDE STA 1258+65.25 TO STA 1256+34

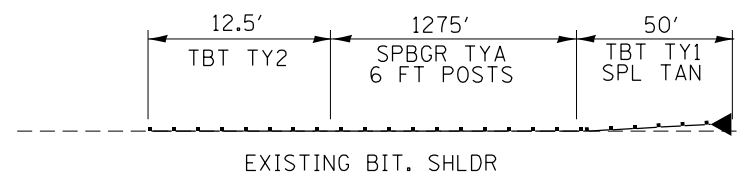


HAZARD = END OF PARAPET @ STA. 1256+34 ; 12' FROM EOP

OUTSIDE STA 1221+25 TO STA 1207+87.50

HAZARD= CULVERT AND SLOPE
STA. 1220+00 TO STA. 1208+00
30' FROM EOP

X X X X X

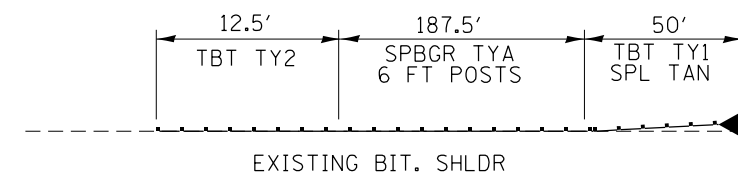


S.N. 037-0040 @ STA. 1255+70

OUTSIDE STA 1182+56.50 TO STA 1180+06.50

HAZARD= CULVERT STA. 1179+38 TO STA. 1179+20
30' FROM EOP

X X X X X



S.N. 037-0040 @ STA. 1255+70

• (37-4,5,6) RS-2

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

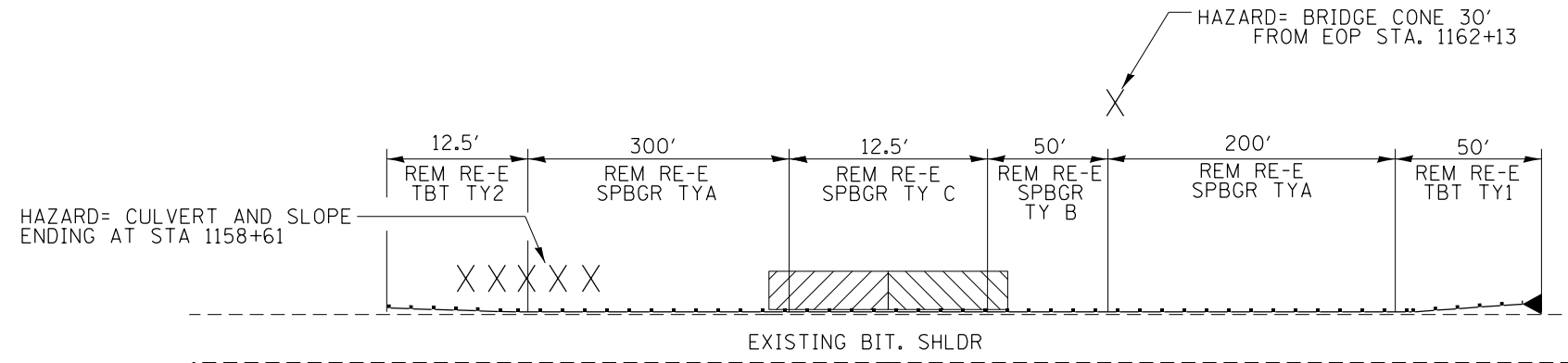
GUARDRAIL DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

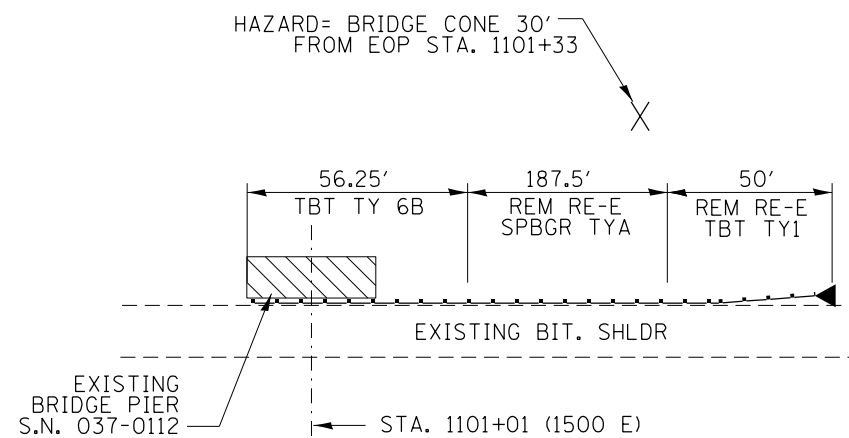
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	HENRY	80	44
			CONTRACT NO. 64064	
ILLINOIS FED. AID PROJECT				

WESTBOUND GUARDRAIL

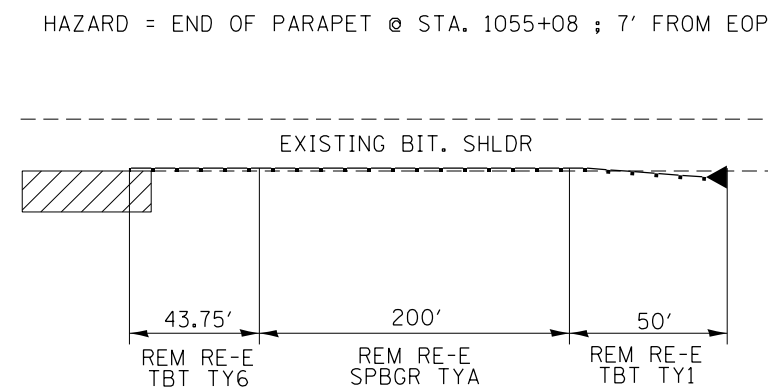
OUTSIDE STA. 1164+73.50 TO STA 1158+48.50



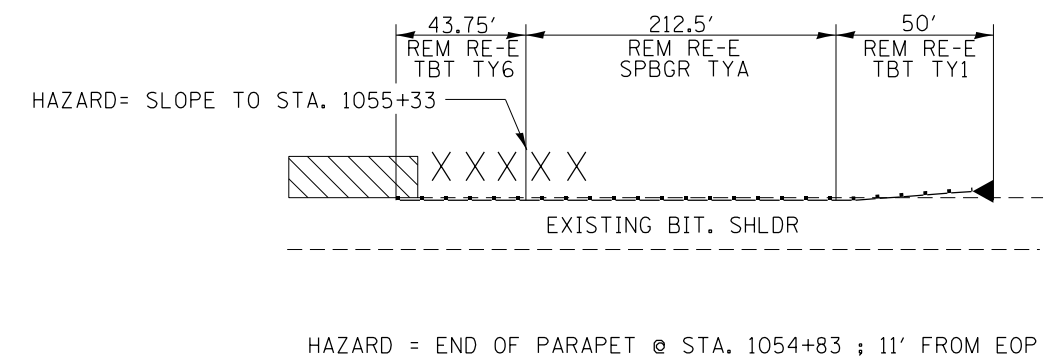
OUTSIDE STA. 1103+90.30 TO STA 1100+96.50



INSIDE STA 1058+01.75 TO STA 1055+08



OUTSIDE STA 1057+89.25 TO STA 1054+83



• (37-4,5,6) RS-2

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -
ca:\pwork\pwork\grantpm\d0310501\020011-shd-details.dgn		DRAWN -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL DETAILS

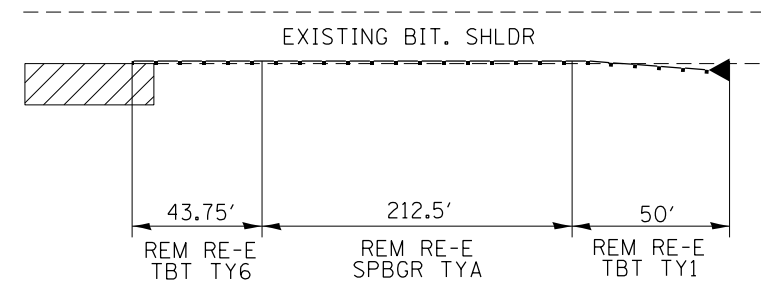
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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			CONTRACT NO. 64064	
ILLINOIS FED. AID PROJECT				

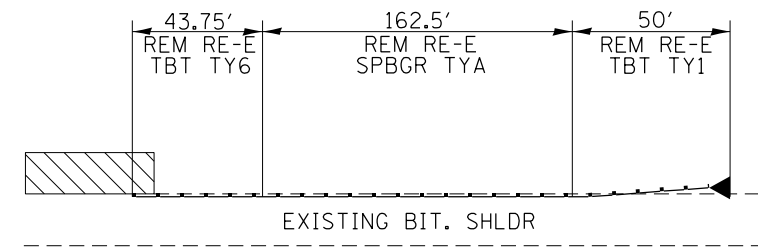
WESTBOUND GUARDRAIL

INSIDE STA 1047+29.25 TO STA 1044+23

HAZARD = END OF PARAPET @ STA. 1044+23 ; 6' FROM EOP



OUTSIDE STA 1046+09.25 TO STA 1043+78



HAZARD = END OF PARAPET @ STA. 1043+78 ; 6' FROM EOP

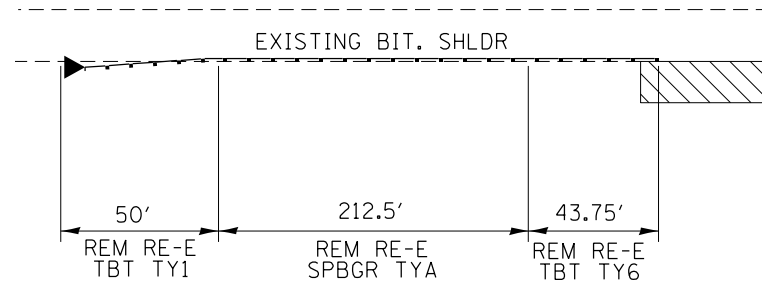
• (37-4,5,6) RS-2

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GUARDRAIL DETAILS			F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\grantpm\d0310501\0200711-shd-details.dgn	DRAWN -	REVISED -	80					*	HENRY	80	46	
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 64064				
	PLOT DATE = Thu Aug 21 13:19:49 2014	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

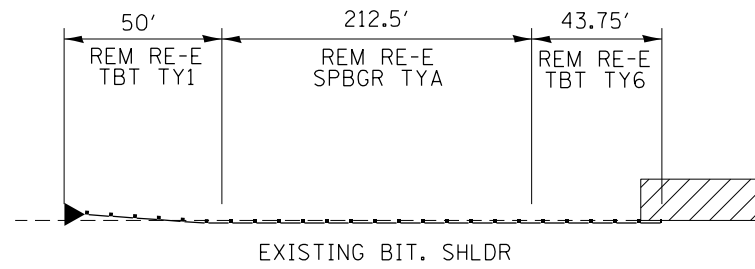
EASTBOUND GUARDRAIL

OUTSIDE STA. 1039+98.75 TO STA. 1043+05

HAZARD = END OF PARAPET @ STA 1043+05 ; 6' FROM EOP



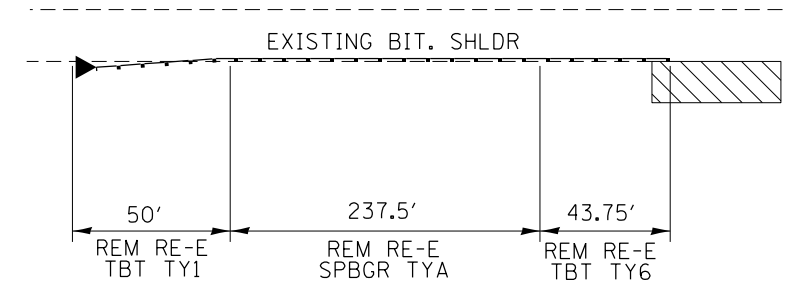
INSIDE STA 1039+50.75 TO STA 1042+57



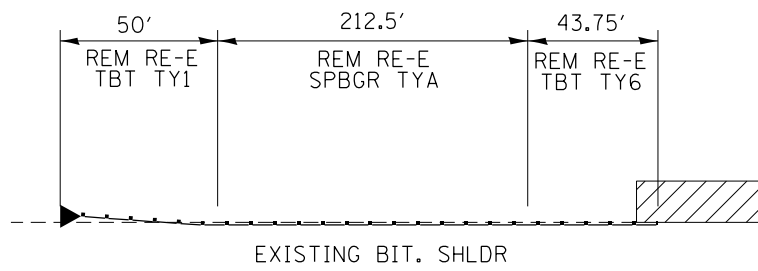
HAZARD = END OF PARAPET @ STA 1042+57 ; 6' FROM EOP

OUTSIDE STA. 1050+59.25 TO STA. 1053+78

HAZARD = END OF PARAPET @ STA 1053+78 ; 10' FROM EOP

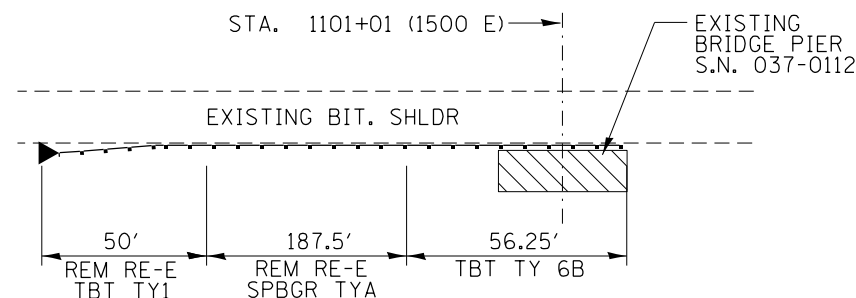


INSIDE STA 1050+62.25 TO STA 1053+59



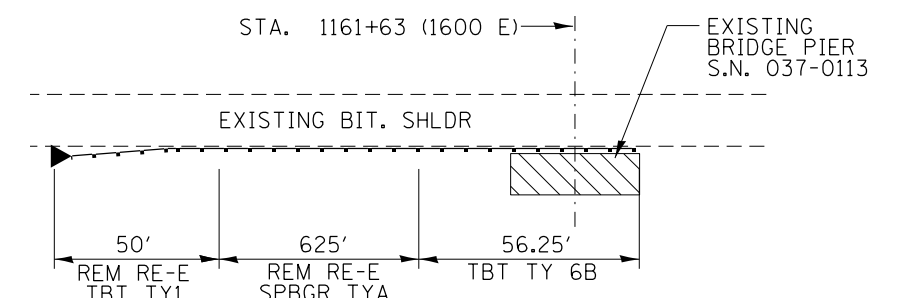
HAZARD = END OF PARAPET @ STA 1053+59 ; 6' FROM EOP

OUTSIDE STA. 1098+11.75 TO STA. 1101+05.50



HAZARD= BRIDGE CONE 30' FROM EOP STA. 1100+76

OUTSIDE STA. 1154+36.25 TO STA. 1161+67.50



HAZARD= CULVERT 30' FROM EOP STA. 1156+95

• (37-4,5,6) RS-2

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -
ca:\pw\work\p\idot\grantpm\d0310501\020011-shd-details.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL DETAILS

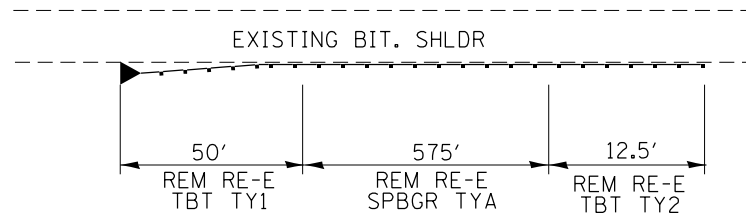
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	HENRY	80	47
CONTRACT NO. 64064			ILLINOIS FED. AID PROJECT	

EASTBOUND GUARDRAIL

OUTSIDE STA. 1213+64 TO STA 1220+01.50

1600 E @ STA. 1161+63

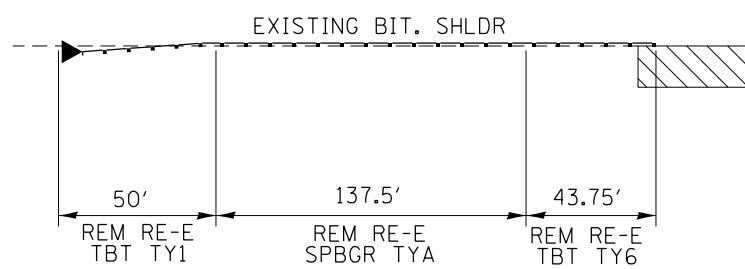


X X X X X

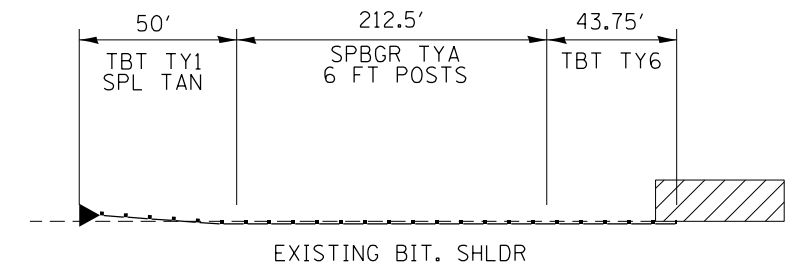
HAZARD= CULVERT & SLOPE STA. 1216+46 TO STA 1220+11
30' FROM EOP

OUTSIDE STA. 1252+09.75 TO STA. 1254+41

HAZARD = END OF PARAPET @ STA 1254+41 ; 12' FROM EOP



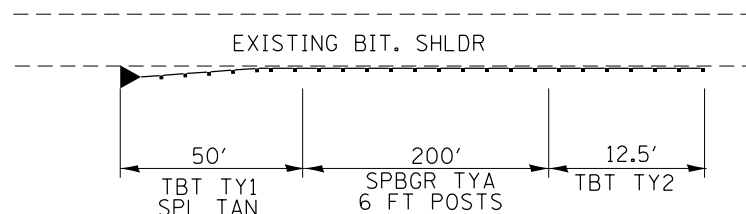
INSIDE STA 1251+34.75 TO STA 1254+41



HAZARD = END OF PARAPET @ STA 1254+41 ; 6' FROM EOP

OUTSIDE STA. 1268+08 TO STA 1270+70.50

S.N. 037-0039 @ STA. 1255+70

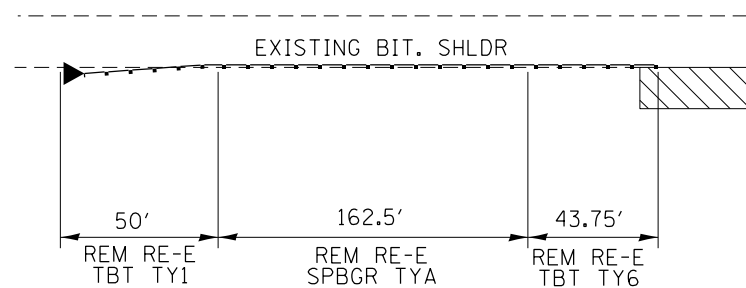


X X X X X

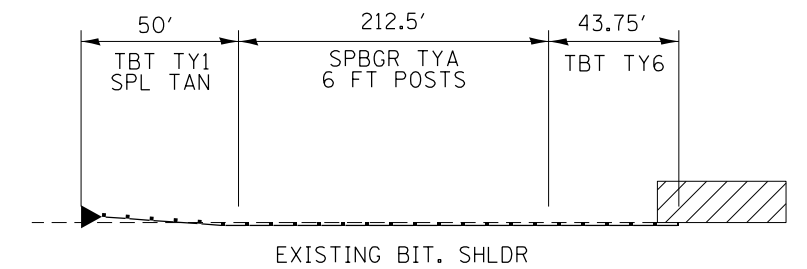
HAZARD= CULVERT STA. 1271+12 TO STA 1271+37
44' FROM EOP

OUTSIDE STA. 1314+60.75 TO STA. 1317+17

HAZARD = END OF PARAPET @ STA 1317+17 ; 10' FROM EOP



INSIDE STA 1314+10.75 TO STA 1317+17



HAZARD = END OF PARAPET @ STA 1317+17 ; 6' FROM EOP

(37-4.5,6) RS-2

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -
c:\pwork\pwork\grantpm\d0310501\0200711-shd-details.dgn		DRAWN -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL DETAILS

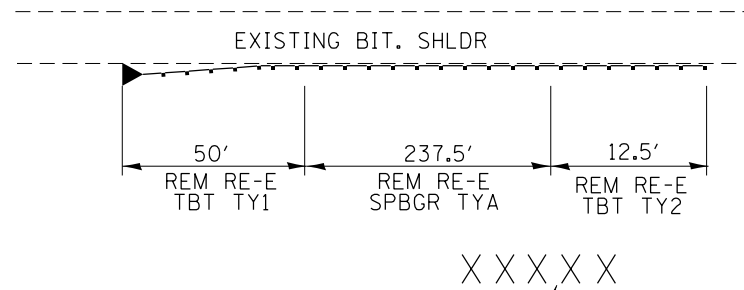
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	HENRY	80	48
CONTRACT NO. 64664			ILLINOIS FED. AID PROJECT	

EASTBOUND GUARDRAIL

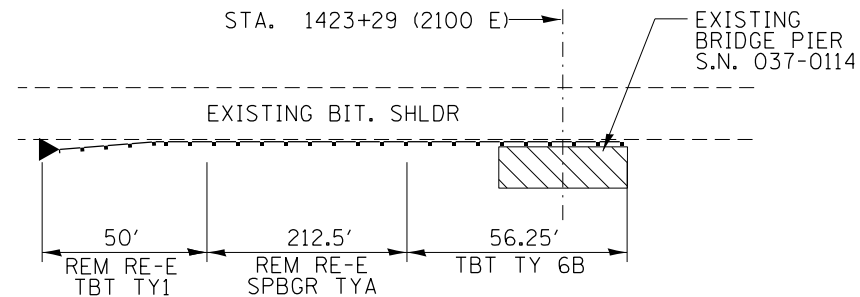
OUTSIDE STA. 1393+66.50 TO STA 1396+66.50

S.N. 037-0041 @ STA. 1370+90



HAZARD= CULVERT STA. 1396+23 TO STA 1396+54
30' FROM EOP

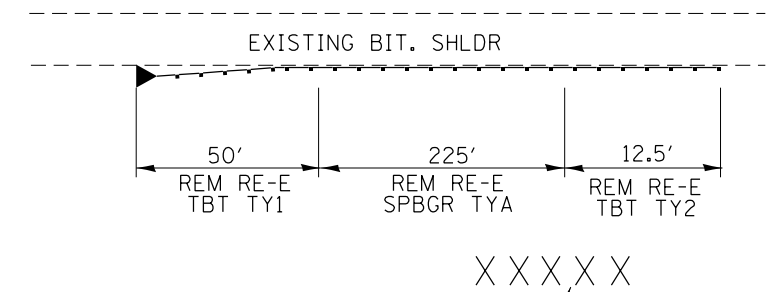
OUTSIDE STA. 1420+14.75 TO STA. 1423+33.50



HAZARD= BRIDGE CONE 30'
FROM EOP STA. 1422+79

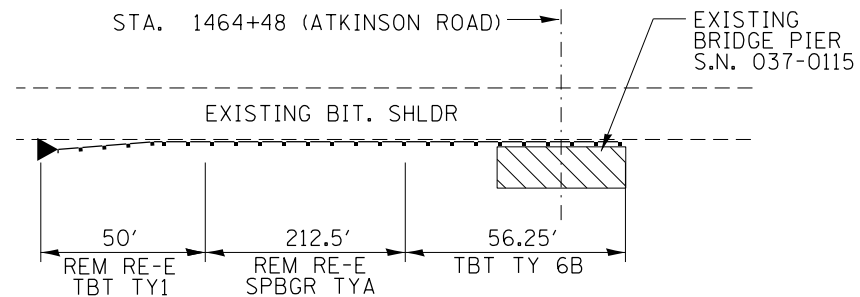
OUTSIDE STA. 1444+30.50 TO STA 1447+18

2100 E @ STA. 1423+29



HAZARD= CULVERT STA. 1446+83 TO STA 1447+15
30' FROM EOP

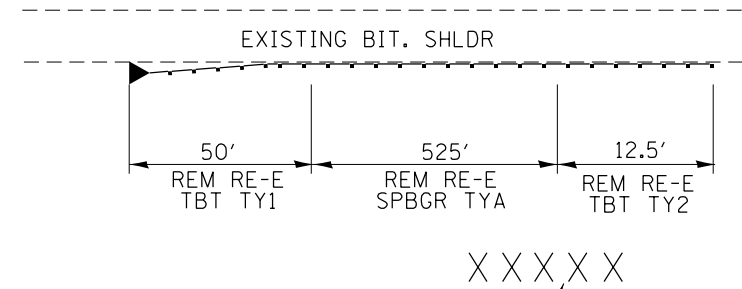
OUTSIDE STA. 1461+33.50 TO STA. 1464+52.50



HAZARD= BRIDGE CONE 30'
FROM EOP STA. 1463+98

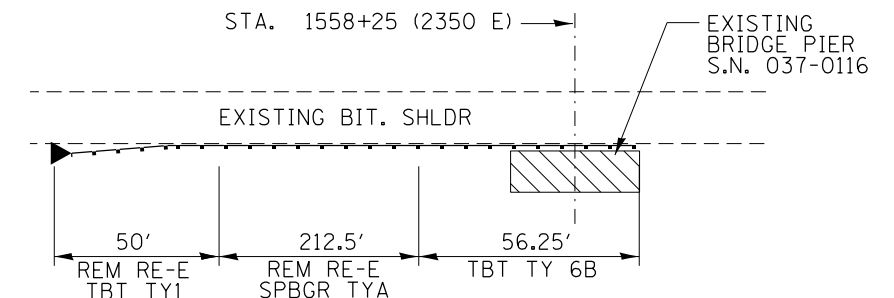
OUTSIDE STA. 1495+98.50 TO STA 1501+86

ATKINSON ROAD @ STA. 1464+48



HAZARD= CULVERT & SLOPE STA. 1498+51 TO STA 1501+63
30' FROM EOP

OUTSIDE STA. 1555+10.75 TO STA. 1558+29.50



HAZARD= BRIDGE CONE 30'
FROM EOP STA. 1557+75

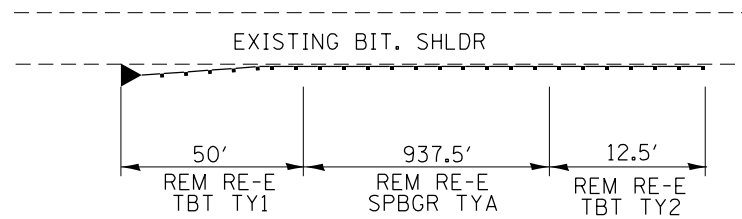
(37-4,5,6) RS-2

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GUARDRAIL DETAILS			F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	Plot Scale = 100,0000' / in.	DRAWN -	REVISED -					80	*	HENRY	80	49
	PLOT DATE = Thu Aug 21 13:20:30 2014	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 64664				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

EASTBOUND GUARDRAIL

OUTSIDE STA. 1570+26 TO STA 1580+26

2350 E @ STA. 1558+25

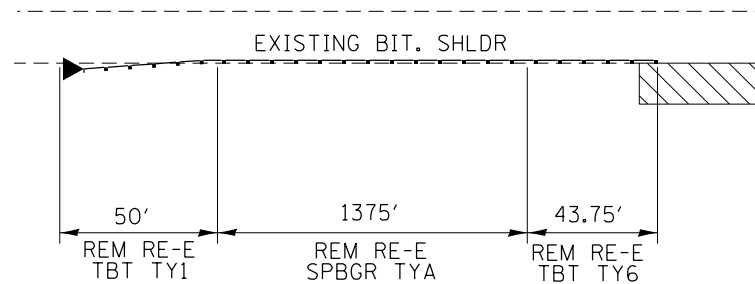


X X X X X

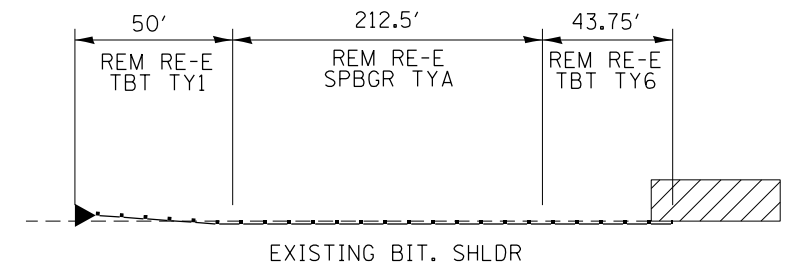
HAZARD= SLOPE STA. 1573+29 TO STA 1580+30
30' FROM EOP

OUTSIDE STA. 1595+56.25 TO STA. 1610+25

HAZARD = END OF PARAPET @ STA 1610+25 ; 10' FROM EOP



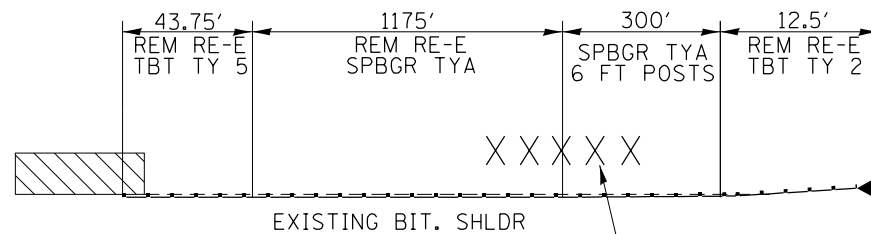
INSIDE STA 1607+00.75 TO STA 1610+07



HAZARD = END OF PARAPET @ STA 1610+07 ; 6' FROM EOP

OUTSIDE STA 1613+11 TO STA 1628+13

END OF PARAPET = STA. 1613+11



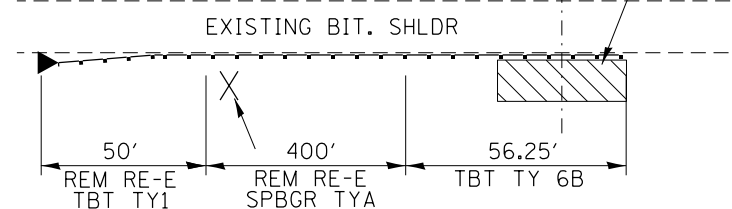
X X X X X

HAZARD= SLOPE STA. 1613+11 TO STA 1628+36
30' FROM EOP

OUTSIDE STA. 1644+09.25 TO STA. 1649+15.50

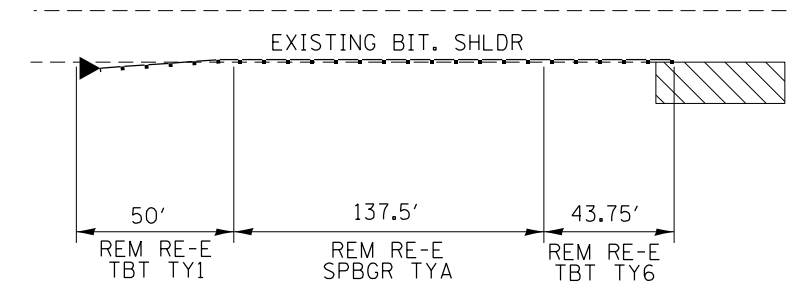
STA. 1649+11 (2500 E)

EXISTING BRIDGE PIER
S.N. 037-0117



OUTSIDE STA. 1751+58.75 TO STA. 1753+90

HAZARD = END OF PARAPET @ STA 1753+90 ; 12' FROM EOP



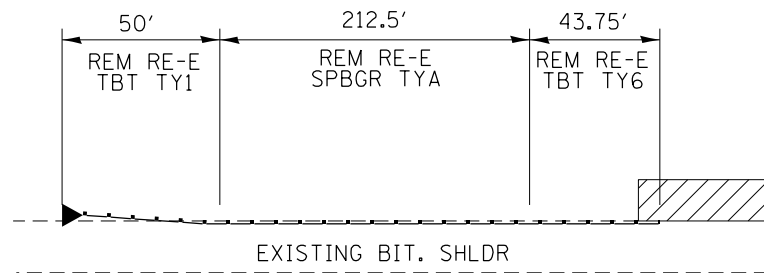
HAZARD= PIPE CULVERT @ STA 1645+92 18' FROM EOP
NOTE: SPACE POSTS TO MISS THE PIPE CULVERT

(37-4,5,6) RS-2

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GUARDRAIL DETAILS			F.A.I. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	Plot Scale = 100.0000' / in.	CHECKED -	REVISED -					80	*	HENRY	80	50	
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												ILLINOIS FED. AID PROJECT	

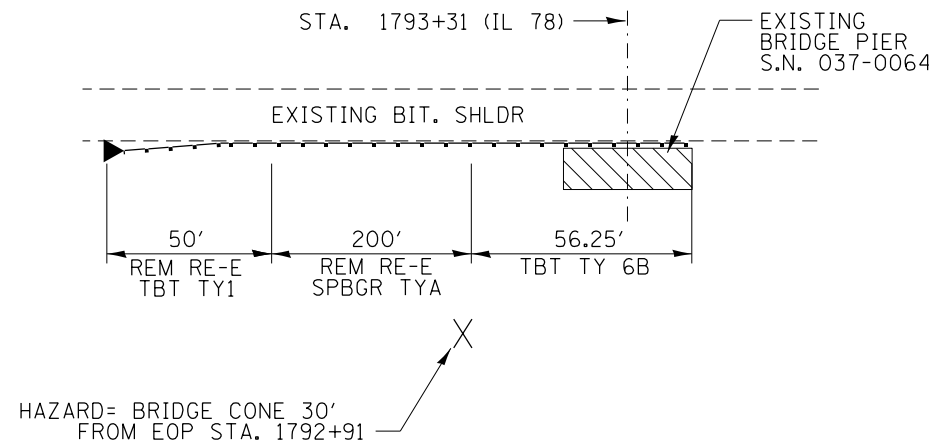
EASTBOUND GUARDRAIL

INSIDE STA 1750+65.75 TO STA 1753+72



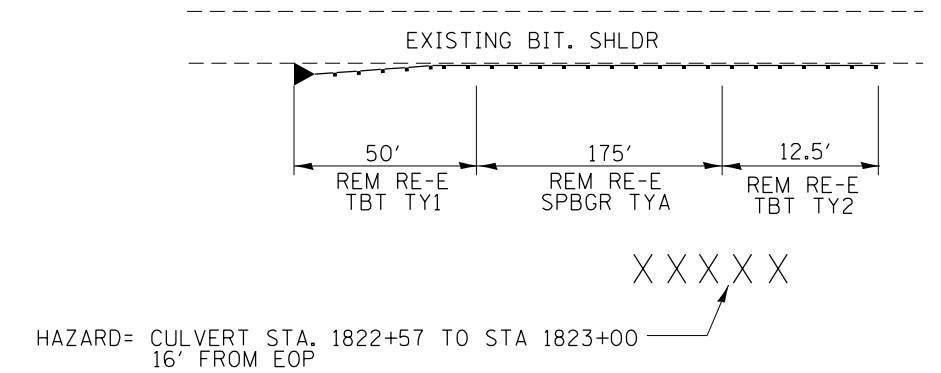
HAZARD = END OF PARAPET @ STA 1753+72 ; 6' FROM EOP

OUTSIDE STA. 1790+29.25 TO STA. 1793+35.50



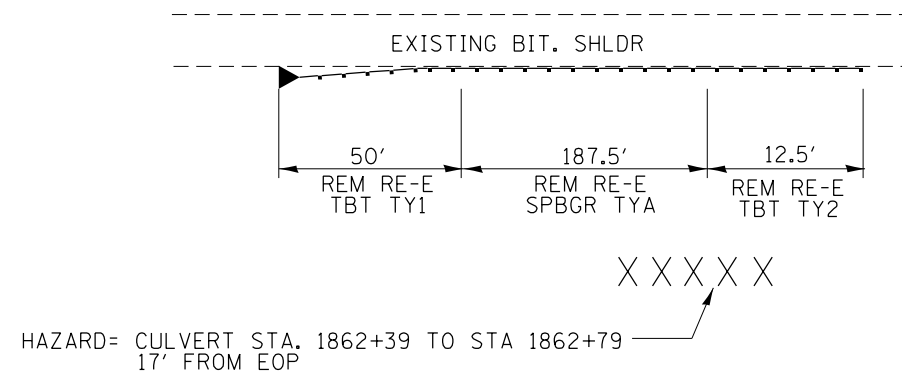
OUTSIDE STA. 1820+61 TO STA 1822+98.50

IL 78 @ STA. 1793+91

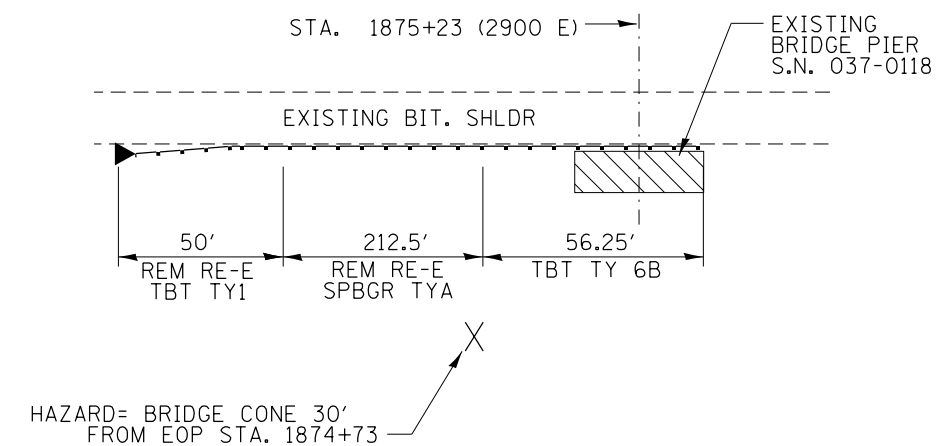


OUTSIDE STA. 1860+26 TO STA 1862+76

IL 78 @ STA. 1793+91



OUTSIDE STA. 1872+08.75 TO STA. 1875+27.50



(37-4.5,6) RS-2

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -
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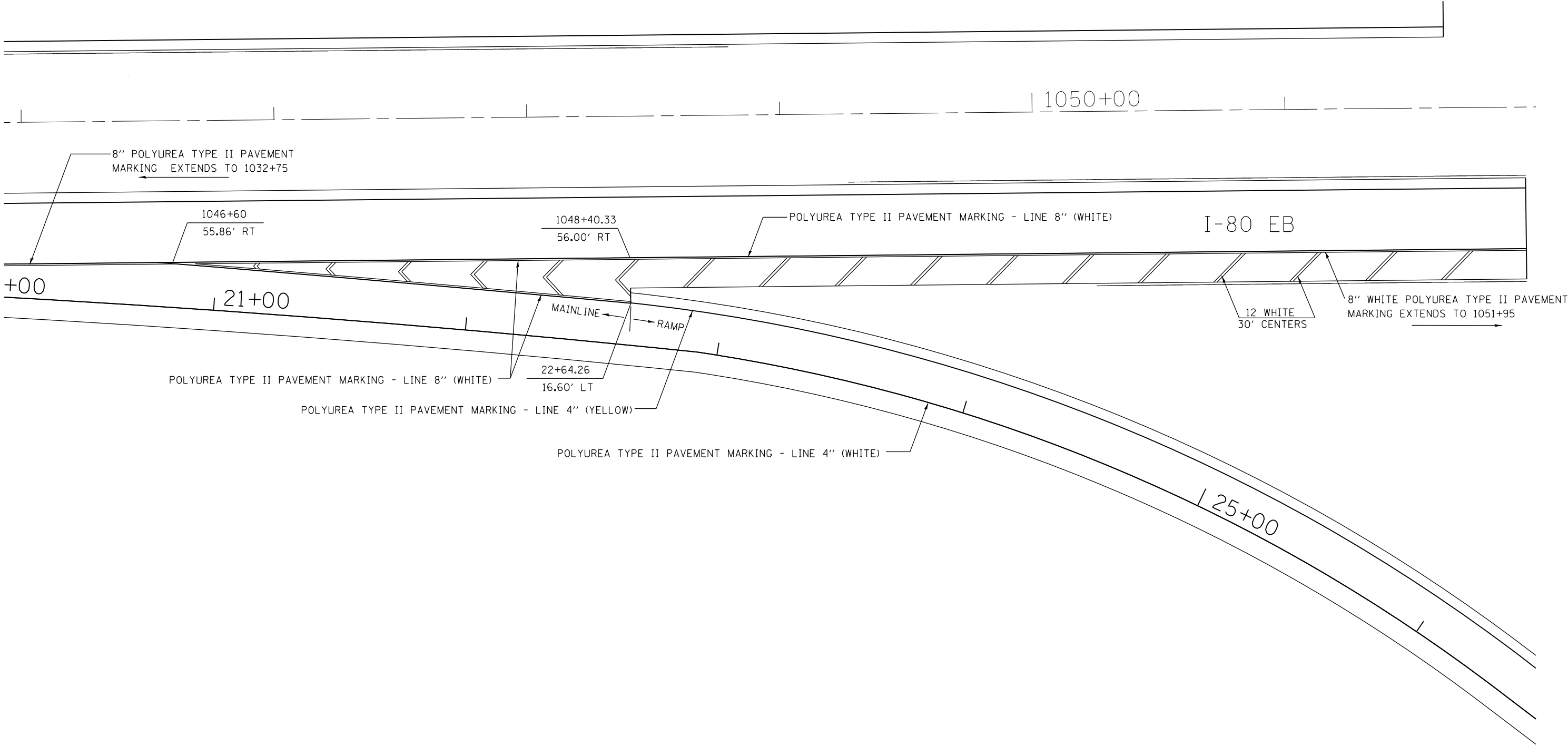
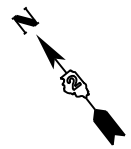
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	HENRY	80	51
CONTRACT NO. 64664			ILLINOIS FED. AID PROJECT	

PAVEMENT MARKING



FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -
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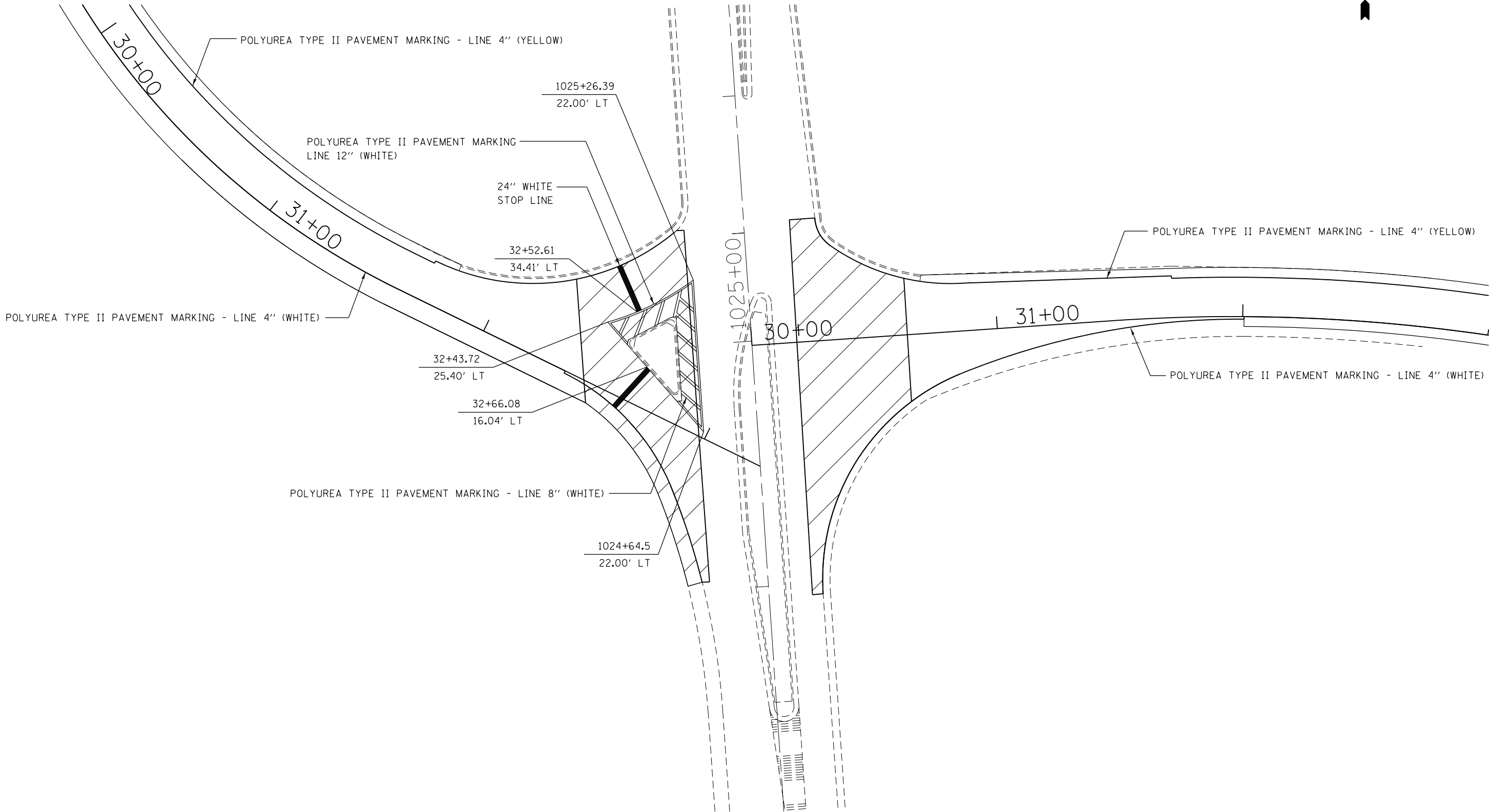
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EB I-80 TO IL 82

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-4,5,6)RS-2	HENRY	80	52
CONTRACT NO. 64064			ILLINOIS FED. AID PROJECT	

PAVEMENT MARKING



 HMA SURFACE REMOVAL - BUTT JOINT

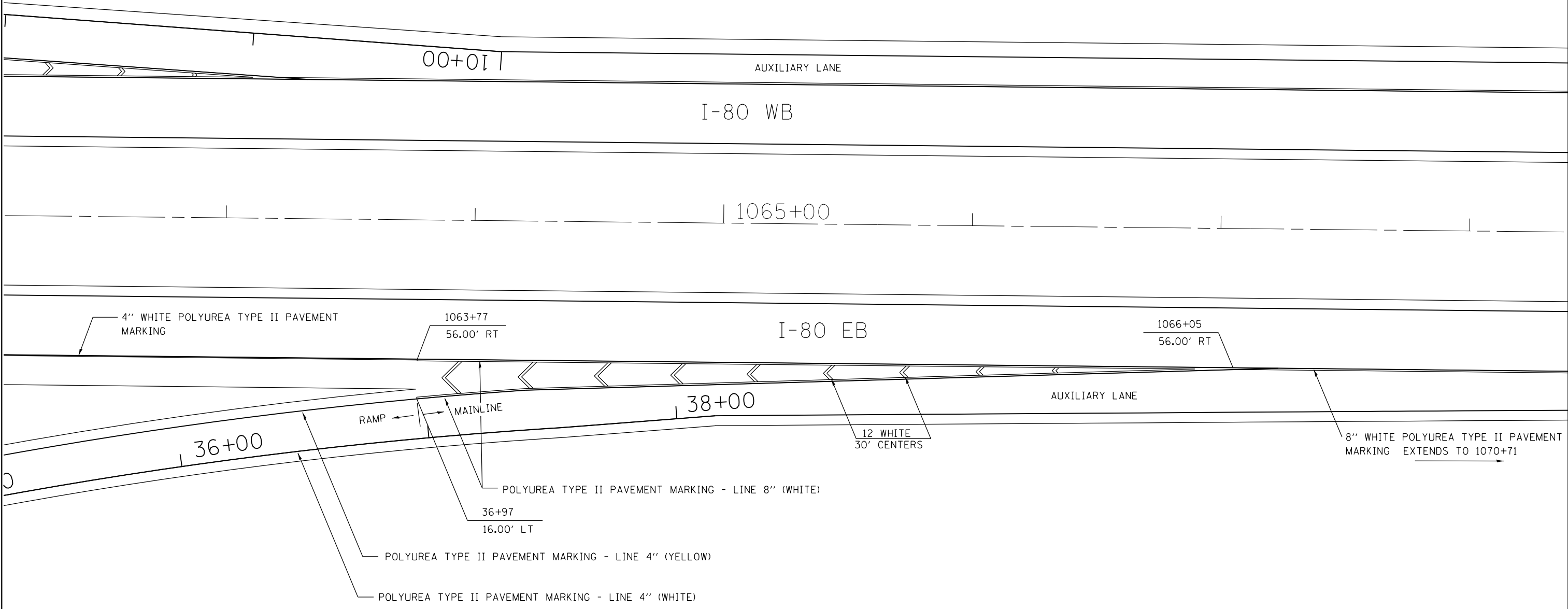
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		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EB I-80 TO IL 82 IL 82 TO EB I-80			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-4,5,6)RS-2	HENRY	80	53
CONTRACT NO. 64064				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING



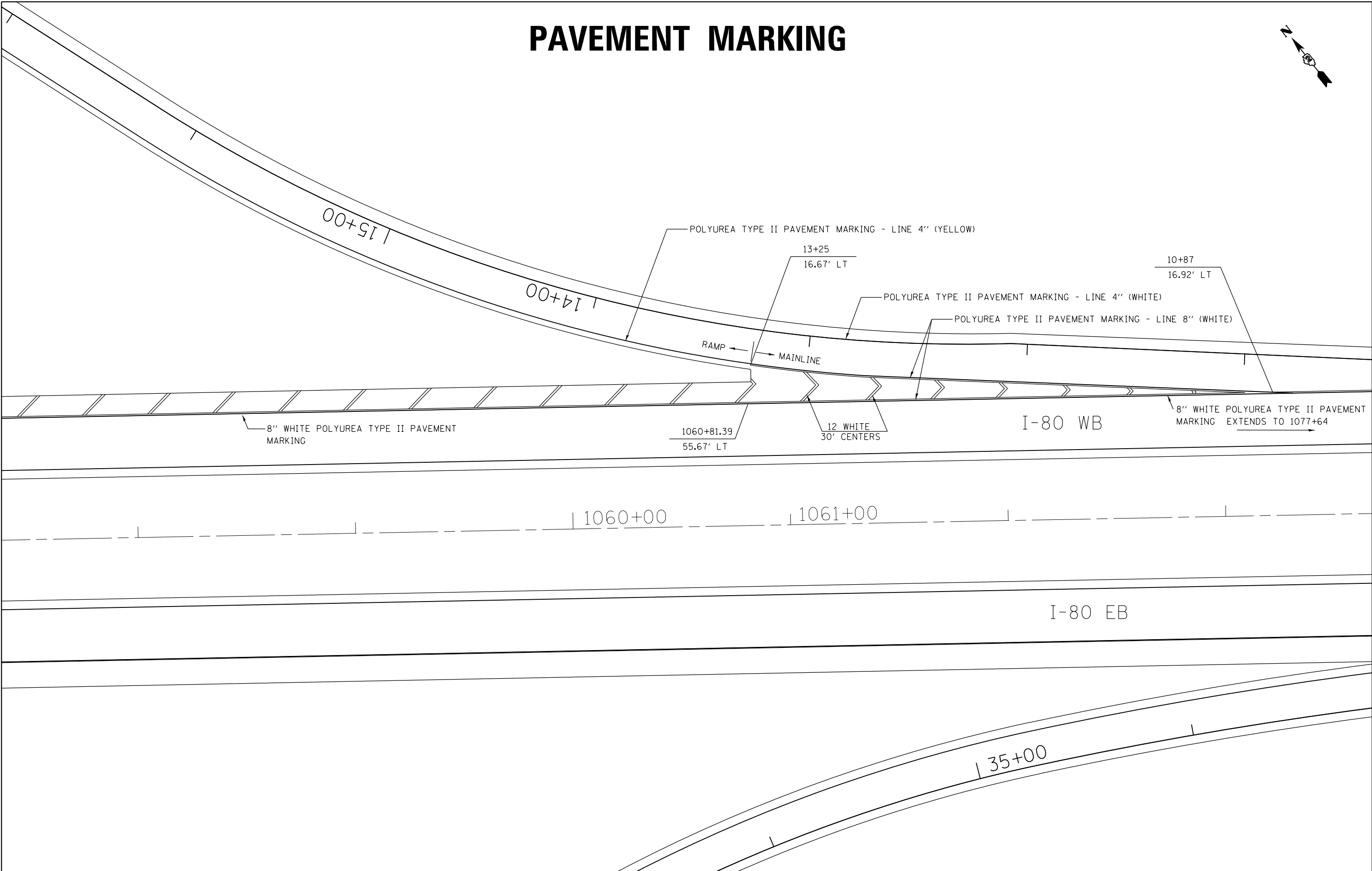
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 82 TO EB I-80			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-4,5,6)RS-2	HENRY	80	54
CONTRACT NO. 64064			ILLINOIS FED. AID PROJECT	

PAVEMENT MARKING



FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -
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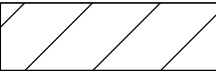
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

WB I-80 TO IL 82

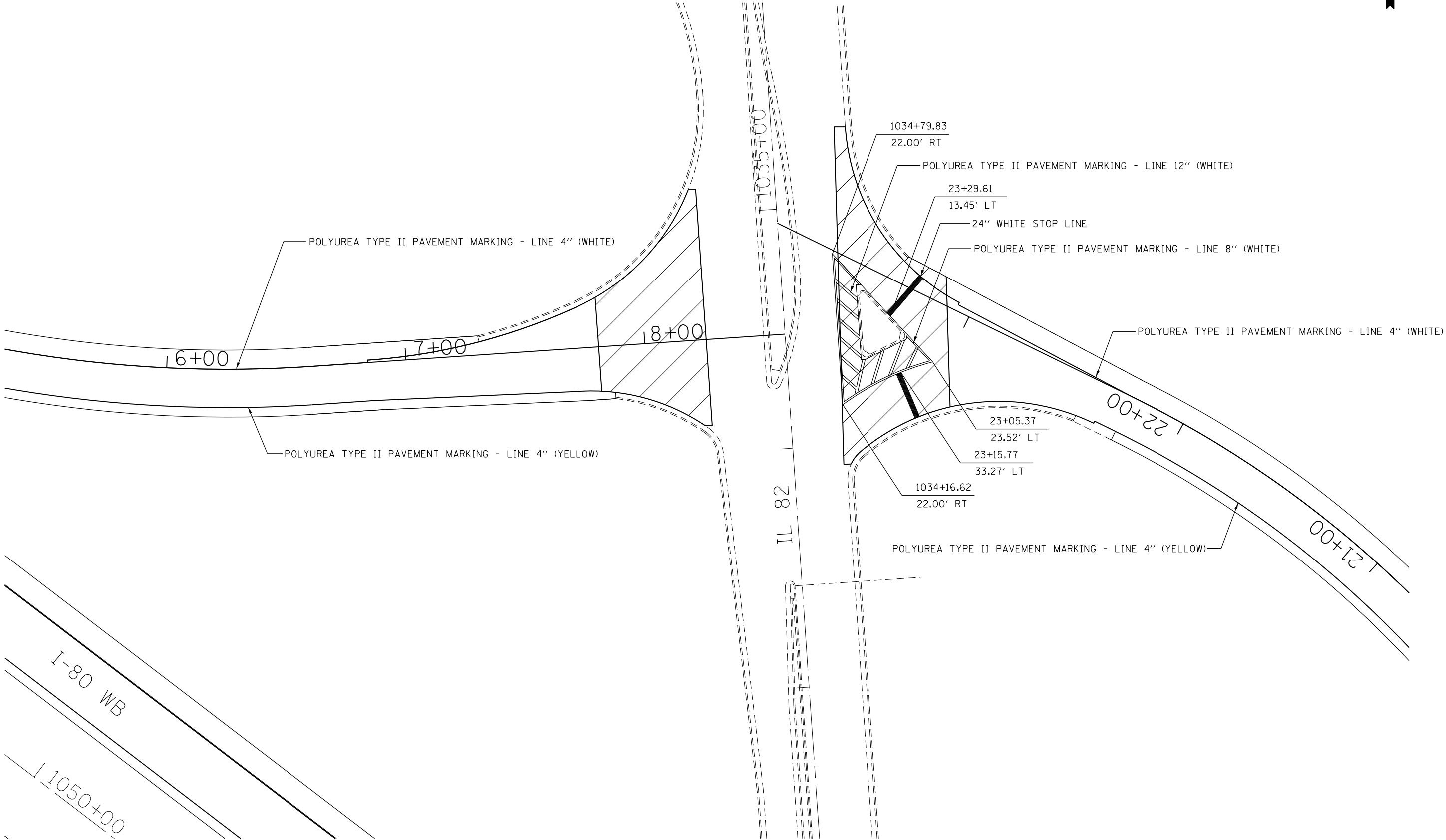
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-4.5,6)RS-2	HENRY	80	55
CONTRACT NO. 64064			ILLINOIS FED. AID PROJECT	

PAVEMENT MARKING



HMA SURFACE REMOVAL - BUTT JOINT



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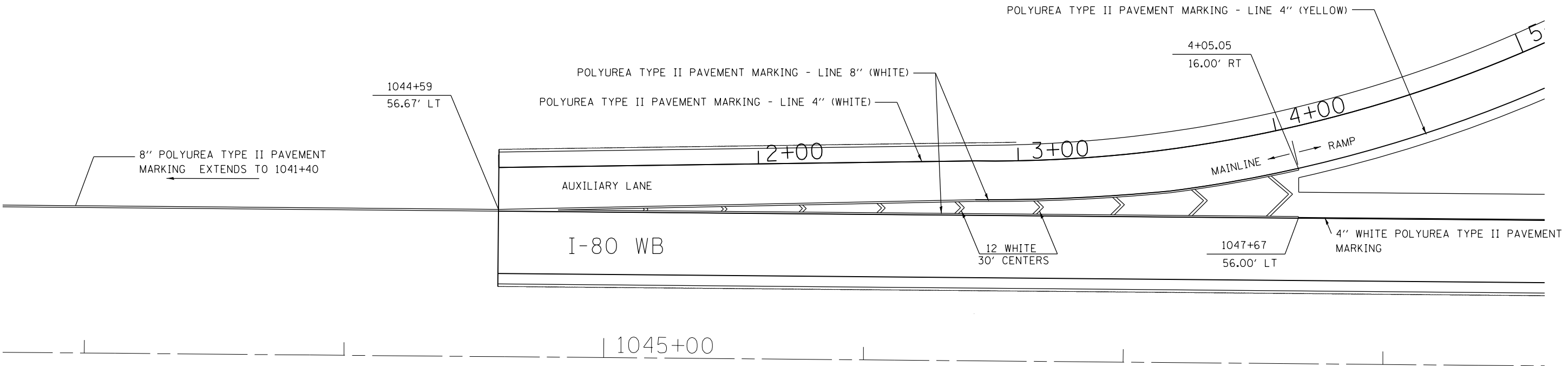
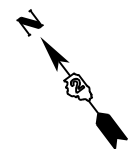
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**WB I-80 TO IL 82
IL 82 TO WB I-80**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-4.5,6)RS-2	HENRY	80	56
CONTRACT NO. 64064			ILLINOIS FED. AID PROJECT	

PAVEMENT MARKING



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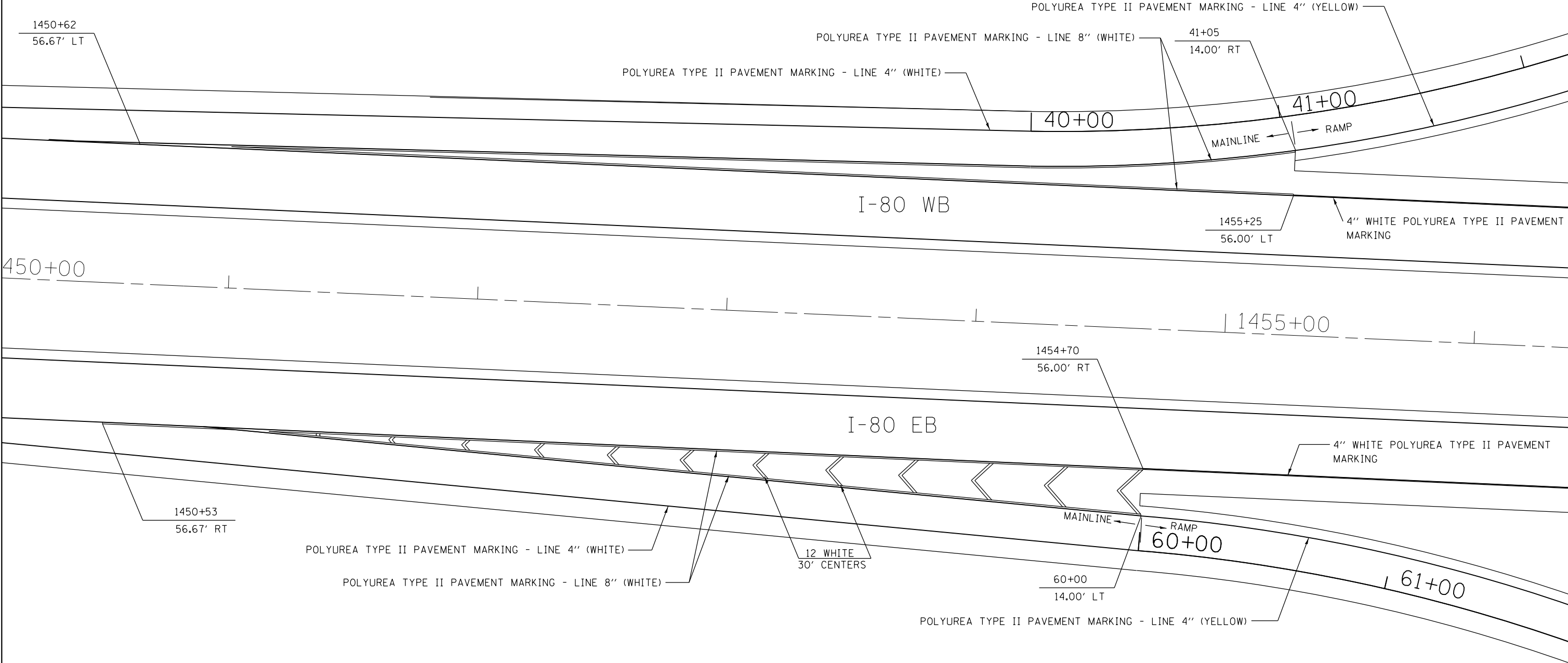
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 82 TO WB I-80

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-4,5,6)RS-2	HENRY	80	57
CONTRACT NO. 64064			ILLINOIS FED. AID PROJECT	

PAVEMENT MARKING



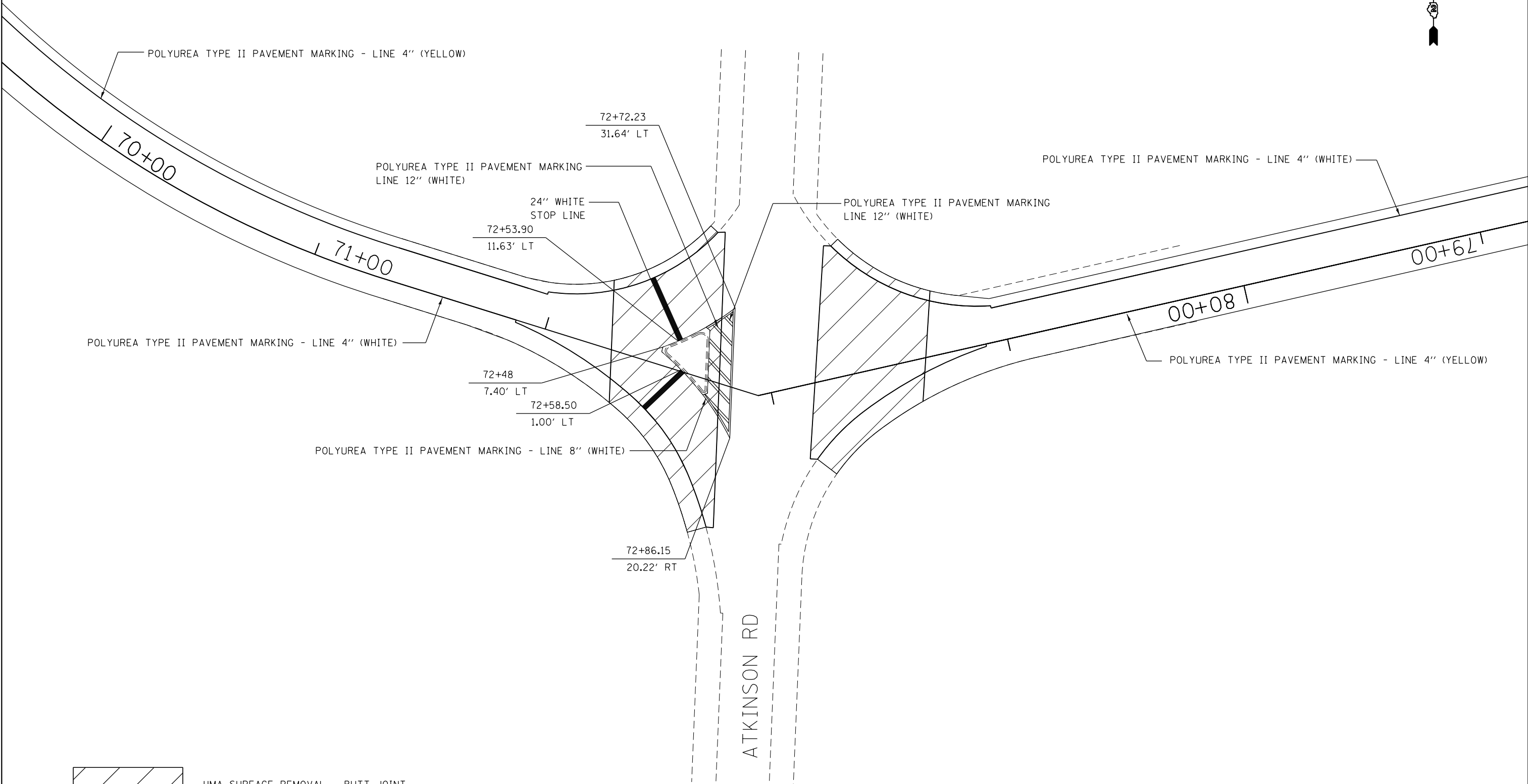
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ATKINSON RD TO WB I-80 & EB I-80 TO ATKINSON RD			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-4.5,6)RS-2	HENRY	80	58
				CONTRACT NO. 64064
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING



HMA SURFACE REMOVAL - BUTT JOINT

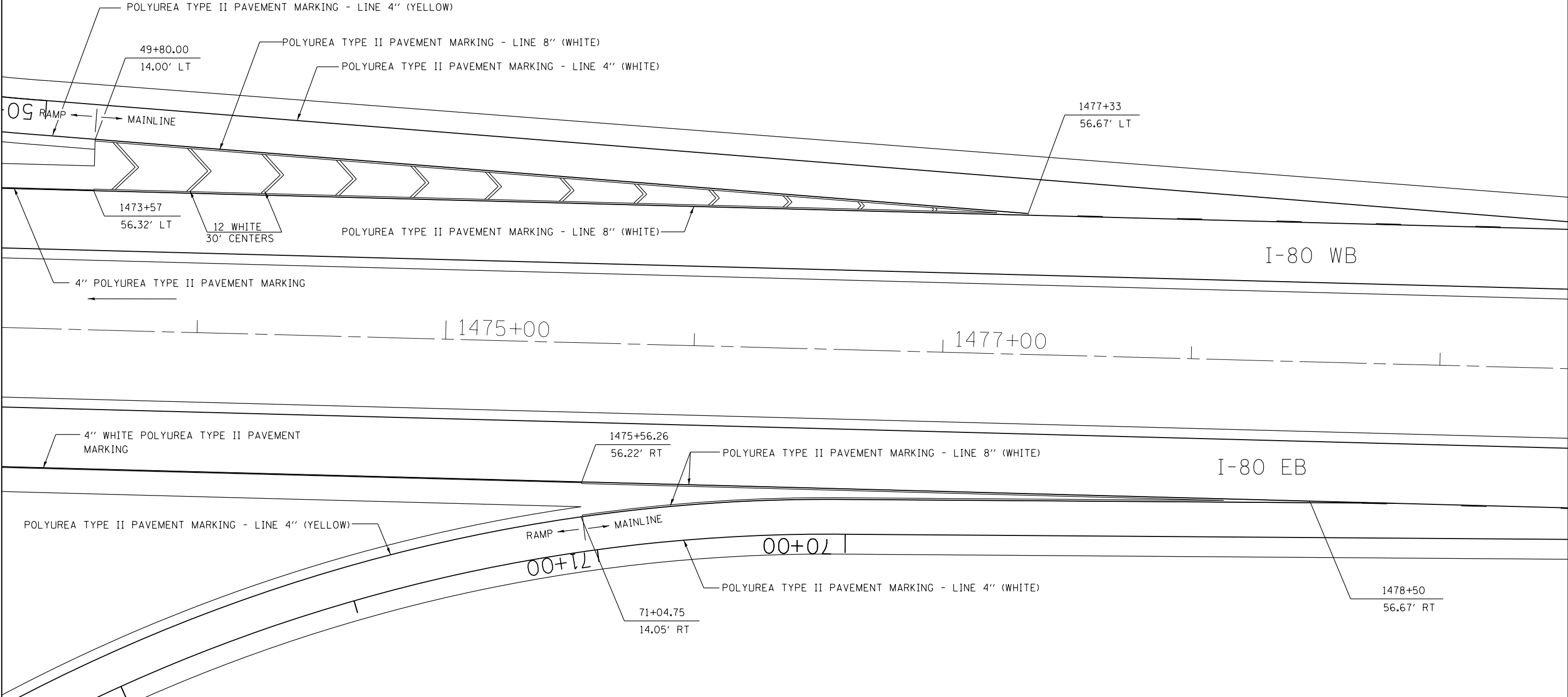
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 EB TO ATKINSON RD & ATKINSON RD TO I-80 EB			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-4,5,6)RS-2	HENRY	80	59
CONTRACT NO. 64064				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING



FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -
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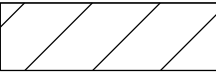
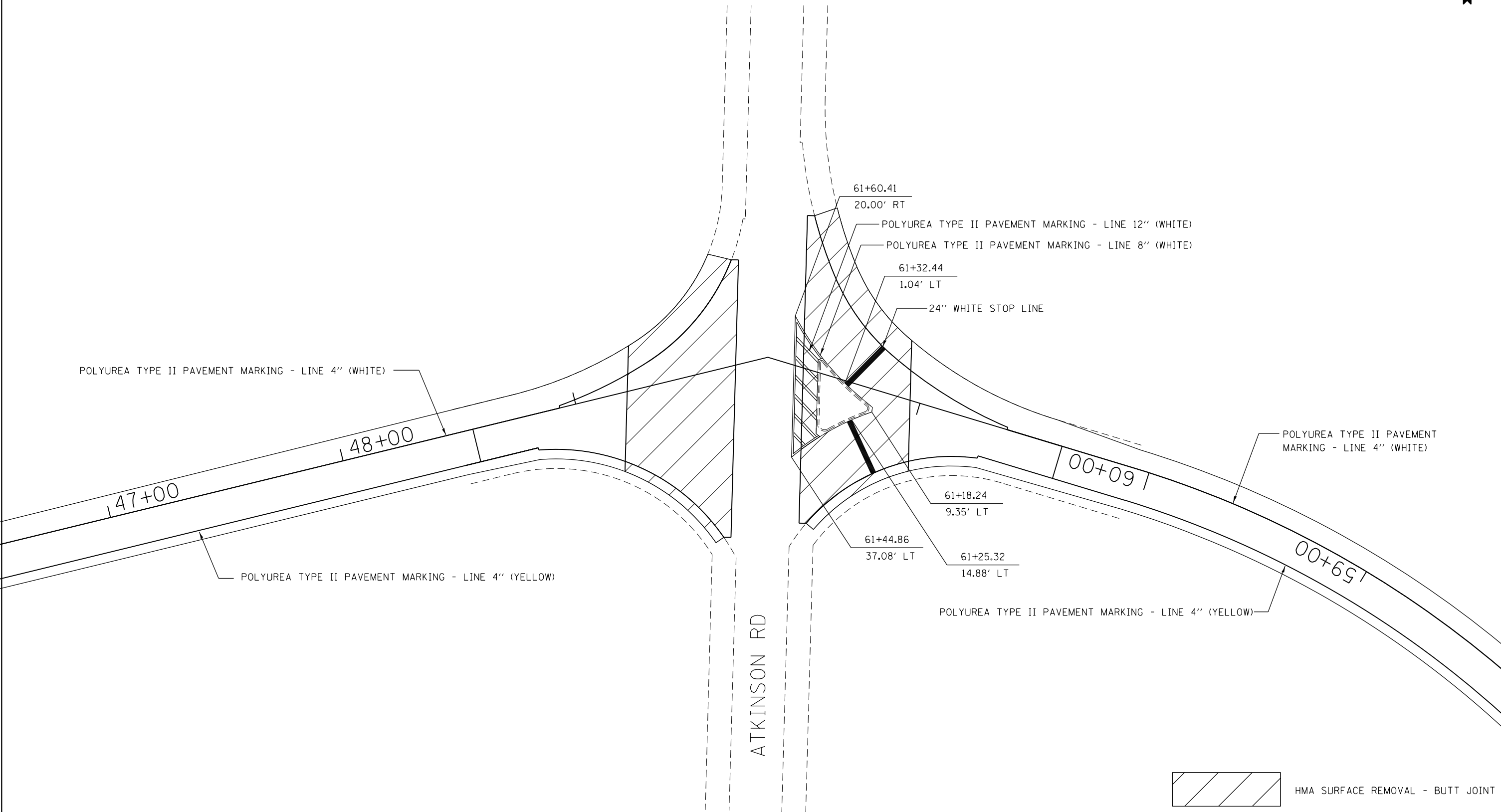
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-80 WB TO ATKINSON RD &
ATKINSON RD TO I-80 EB**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-4.5,6)RS-2	HENRY	80	60
CONTRACT NO. 64064				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING



HMA SURFACE REMOVAL - BUTT JOINT

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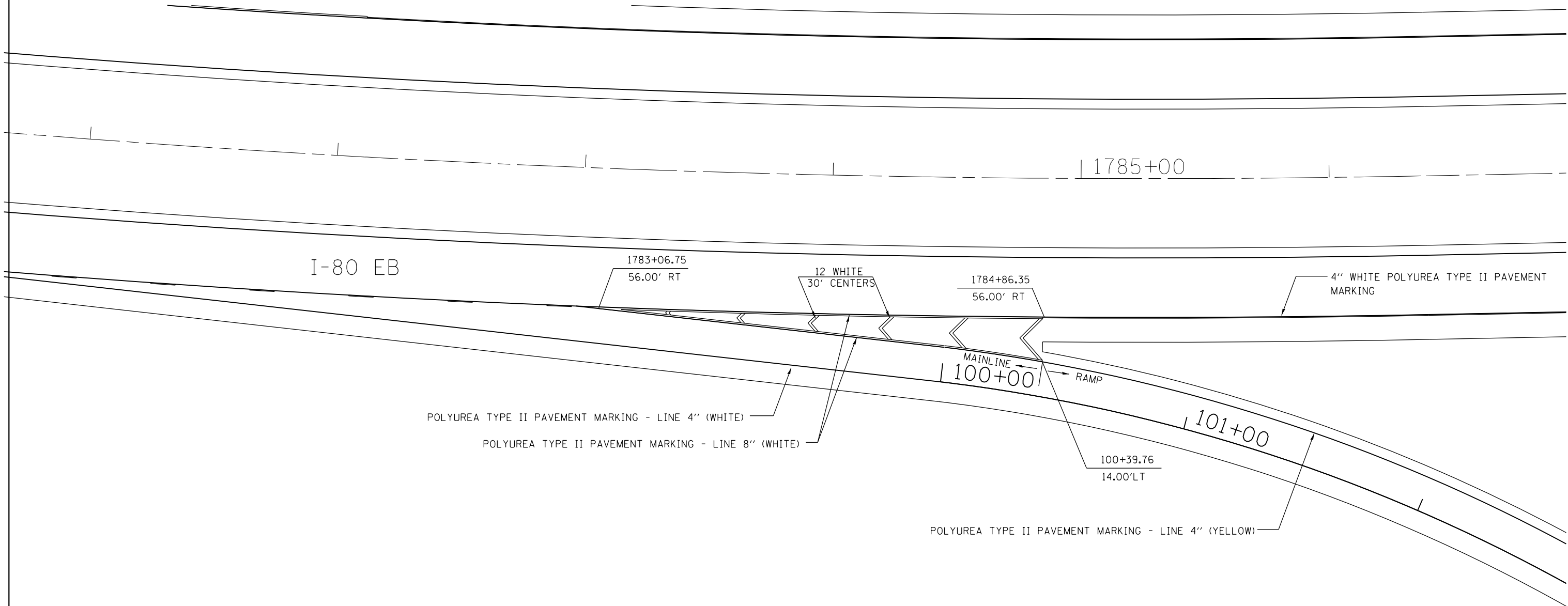
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WB I-80 TO ATKINSON RD &
ATKINSON RD TO WB I-80

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-4,5,6)RS-2	HENRY	80	61
CONTRACT NO. 64664			ILLINOIS FED. AID PROJECT	

PAVEMENT MARKING



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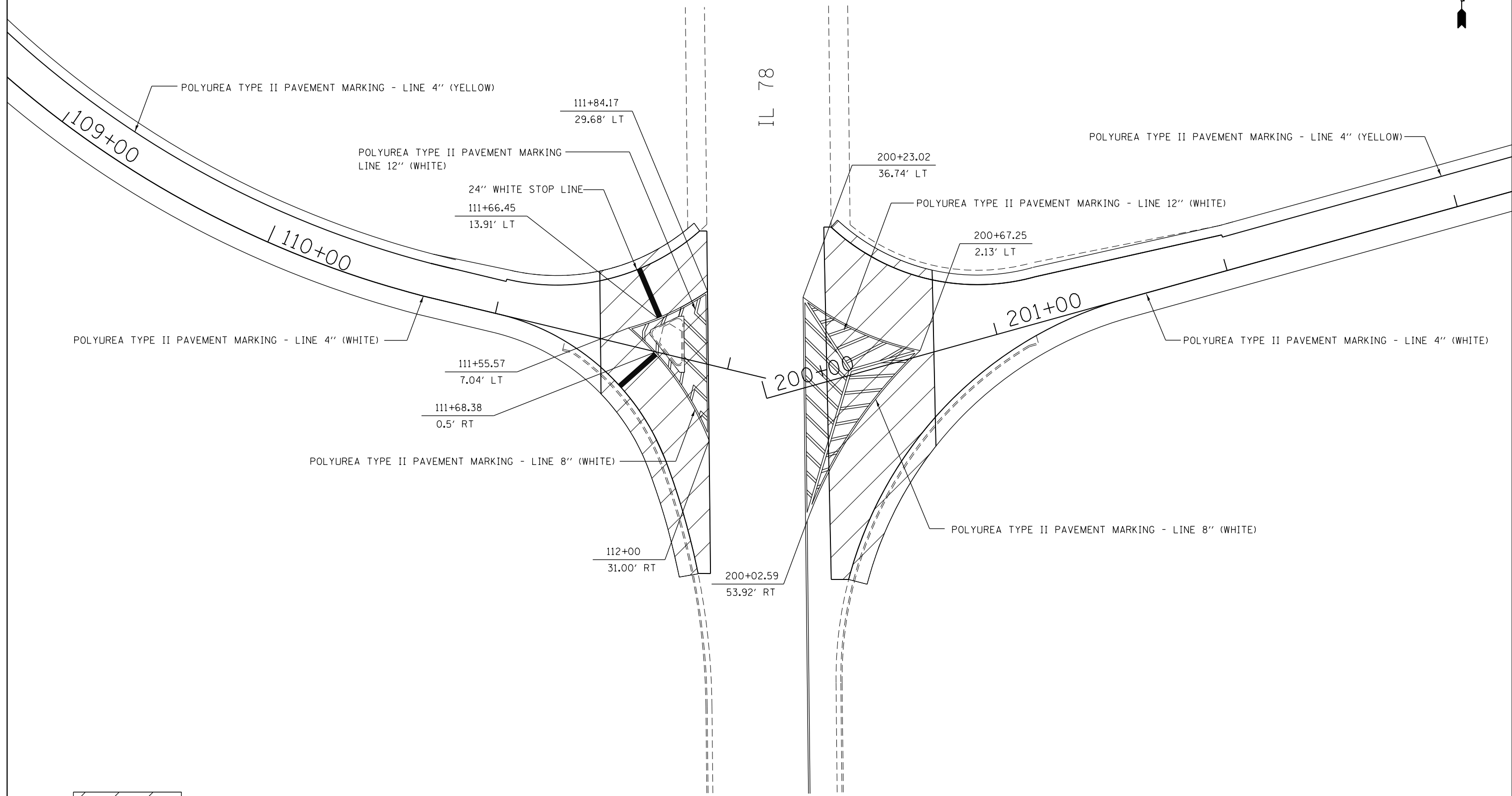
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

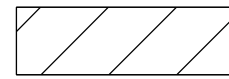
I-80 EB TO IL 78

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-4,5,6)RS-2	HENRY	80	62
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64064	

PAVEMENT MARKING



 HMA SURFACE REMOVAL - BUTT JOINT

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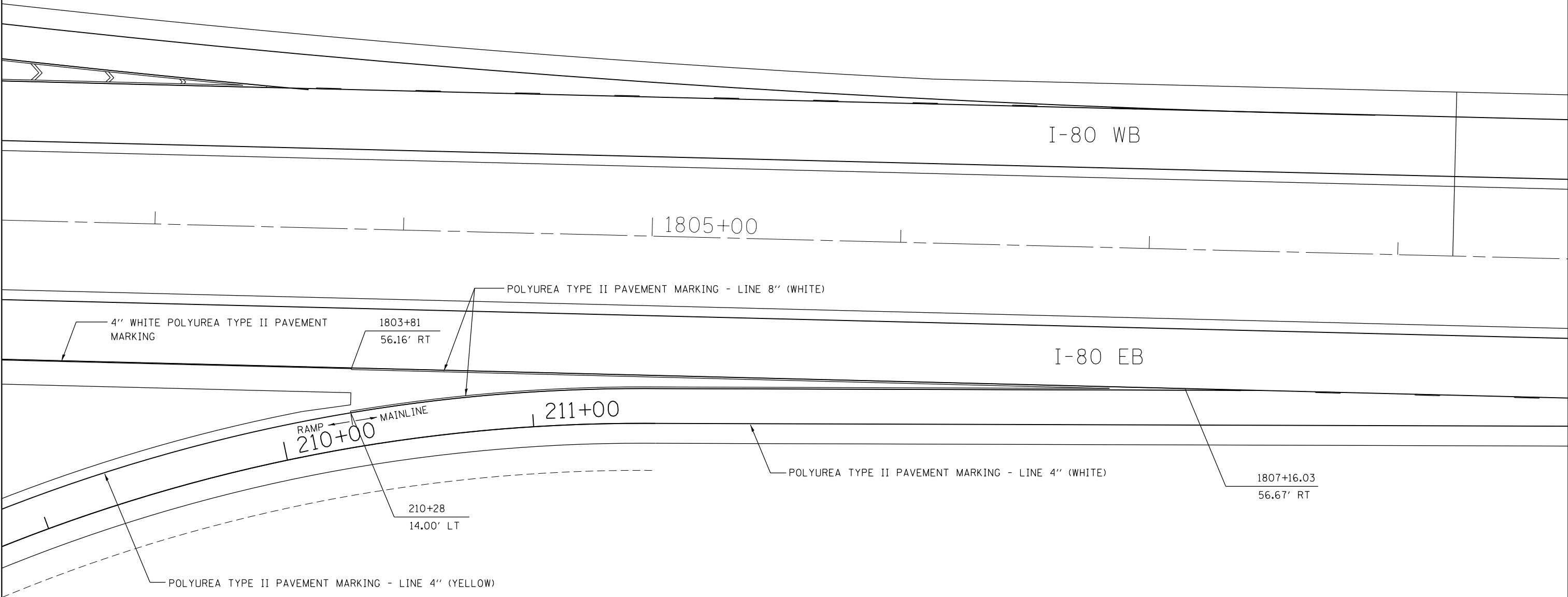
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-80 EB TO IL 78 &
IL 78 TO I-80 EB**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-4.5,6)RS-2	HENRY	80	63
CONTRACT NO. 64064				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING



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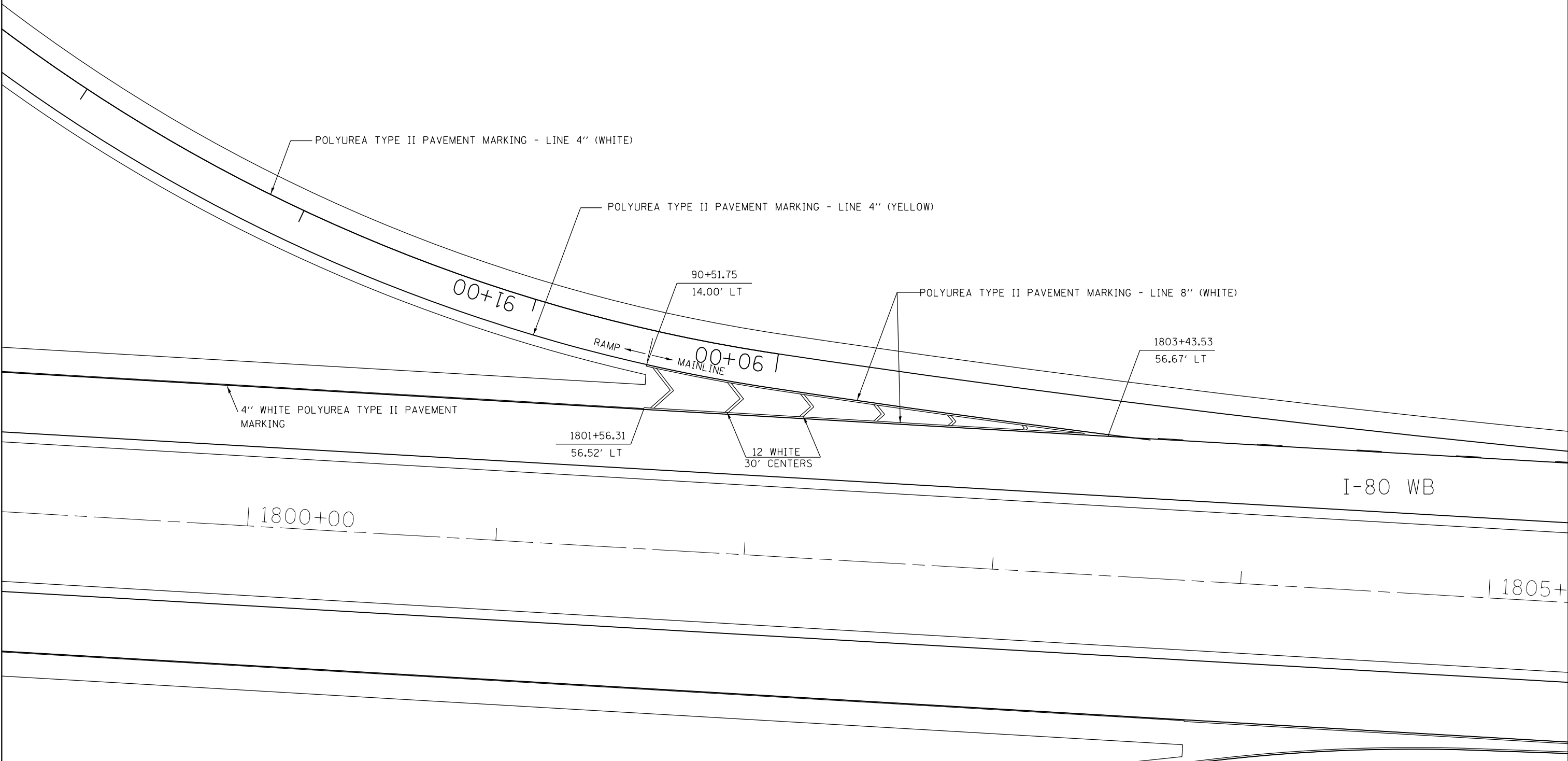
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 78 TO I-80 EB

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-4,5,6)RS-2	HENRY	80	64
CONTRACT NO. 64064			ILLINOIS FED. AID PROJECT	

PAVEMENT MARKING



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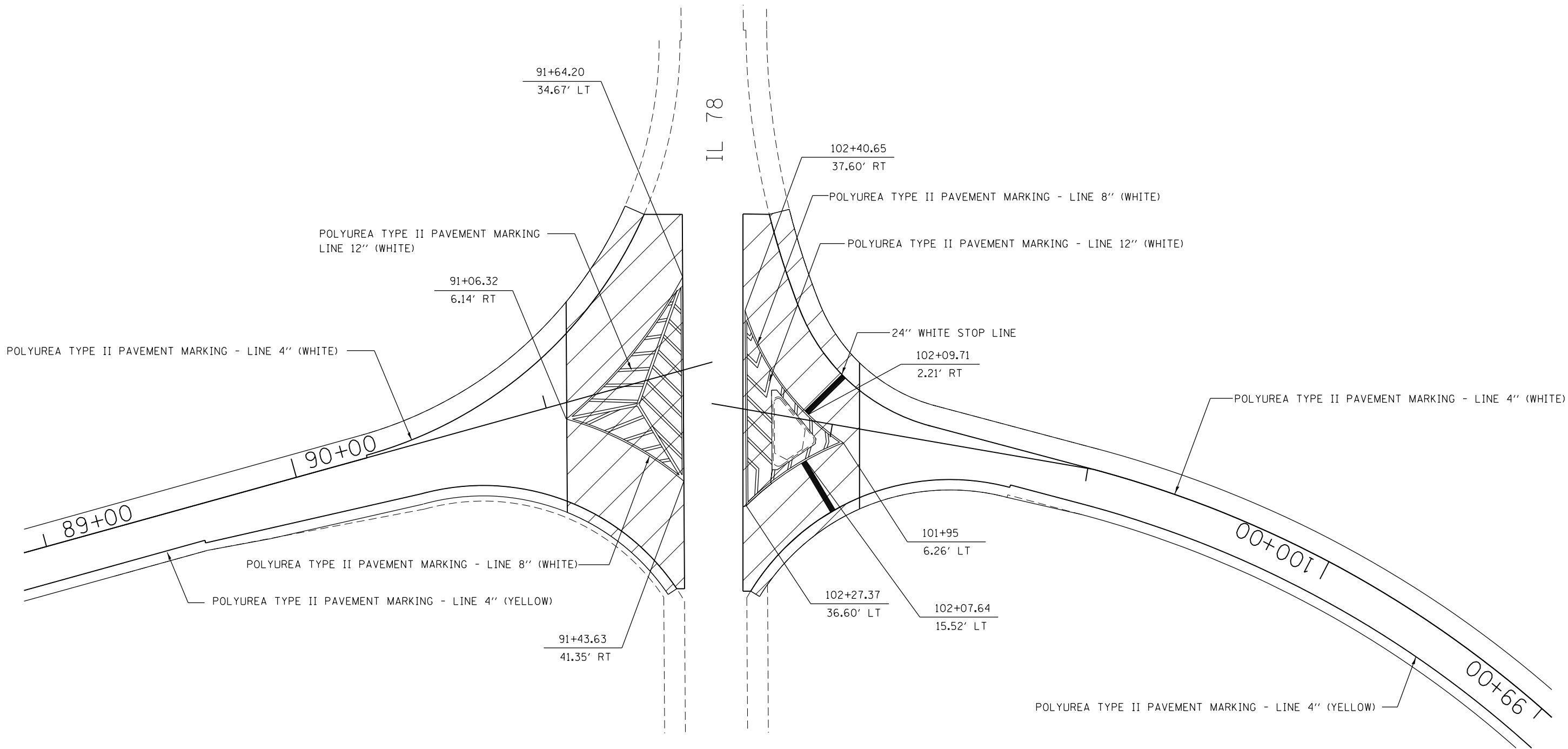
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

I-80 WB TO IL 78

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-4,5,6)RS-2	HENRY	80	65
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64664	

PAVEMENT MARKING



 HMA SURFACE REMOVAL - BUTT JOINT

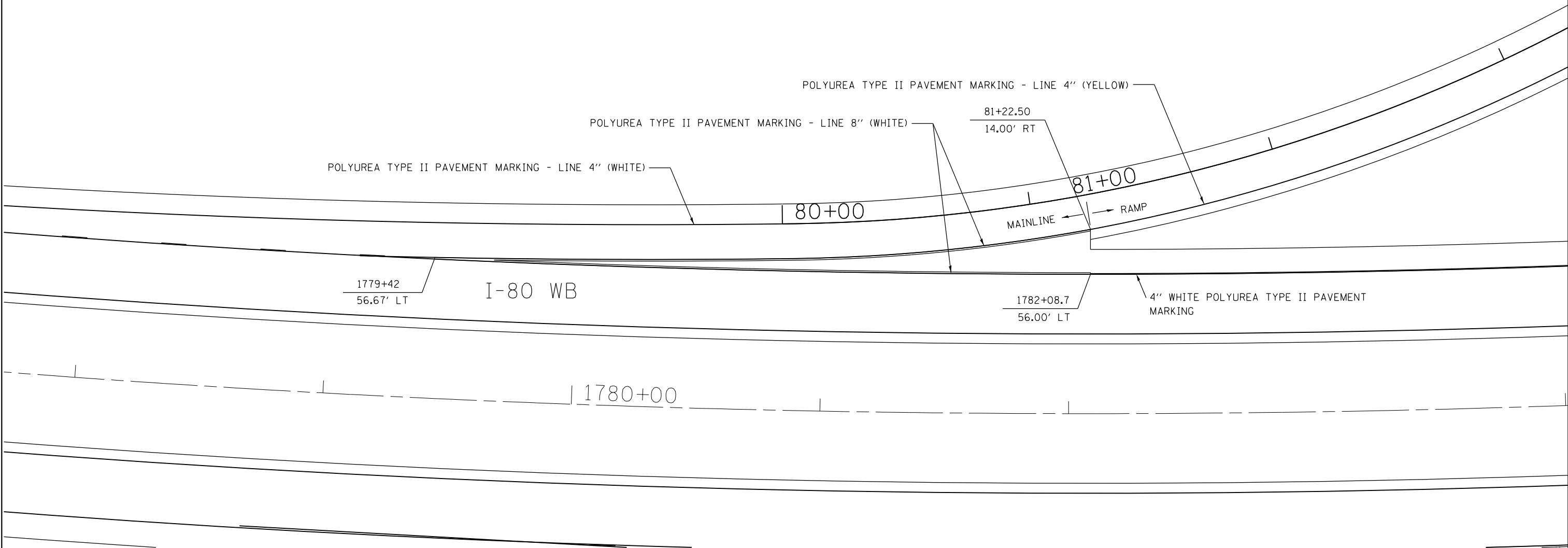
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

I-80 WB TO IL 78 & IL 78 TO I-80 WB			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-4,5,6)RS-2	HENRY	80	66
				CONTRACT NO. 64064
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING



FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -
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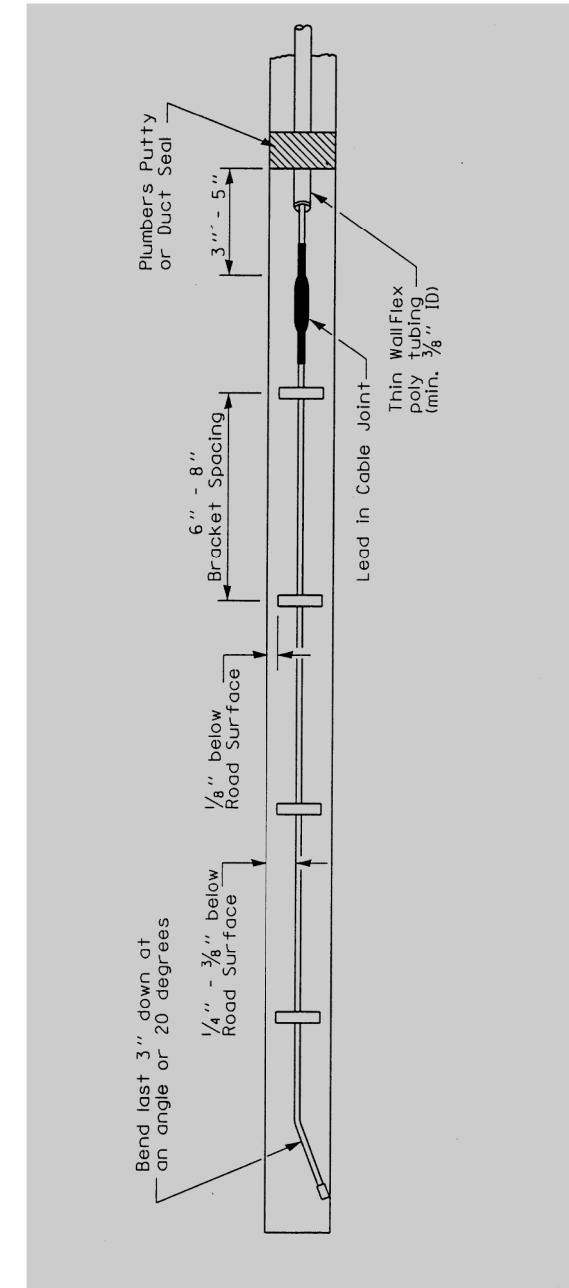
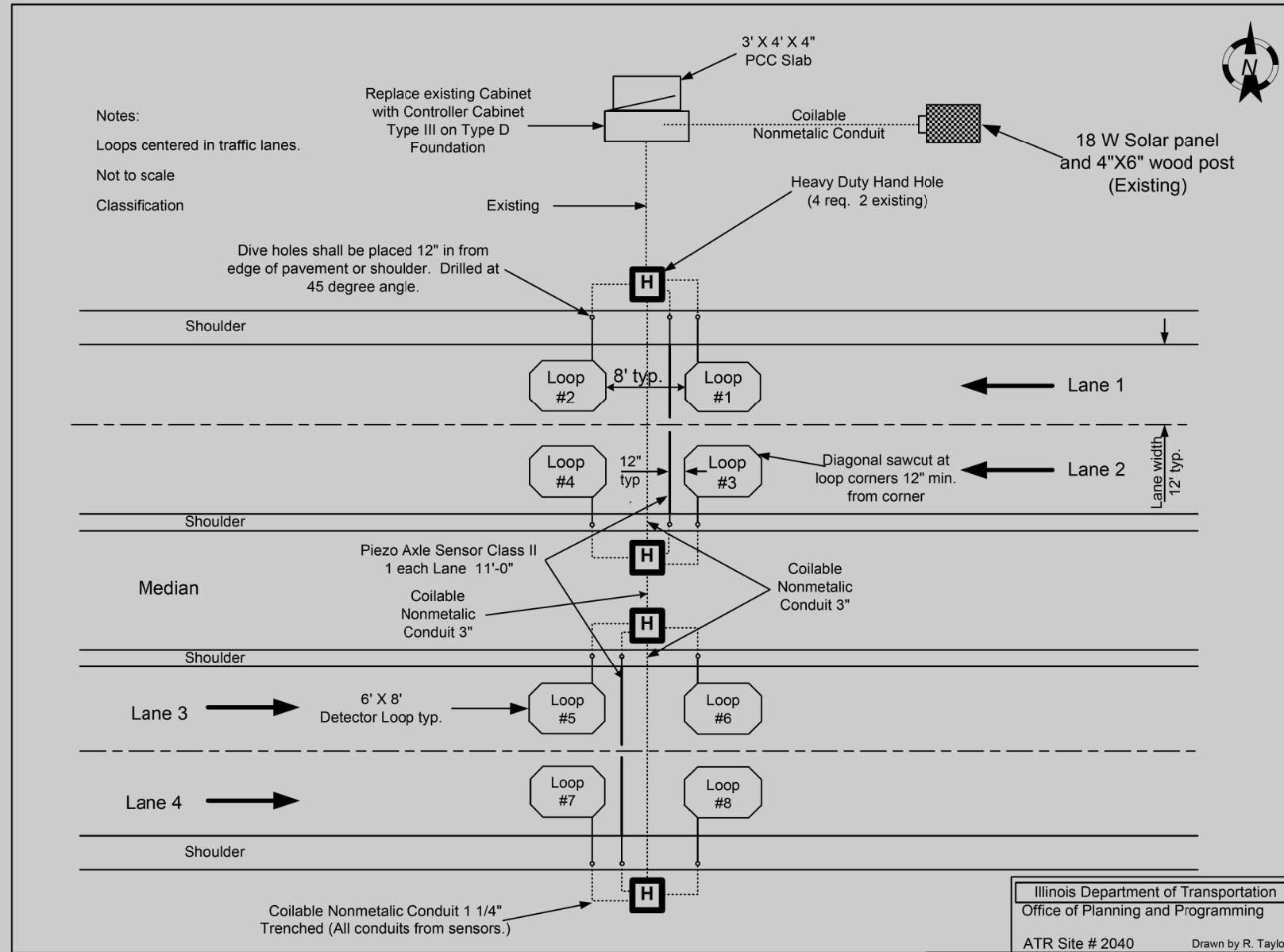
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 78 TO WB I-80

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(37-4,5,6)RS-2	HENRY	80	67
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64064	

Layout for ATR 2040



FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

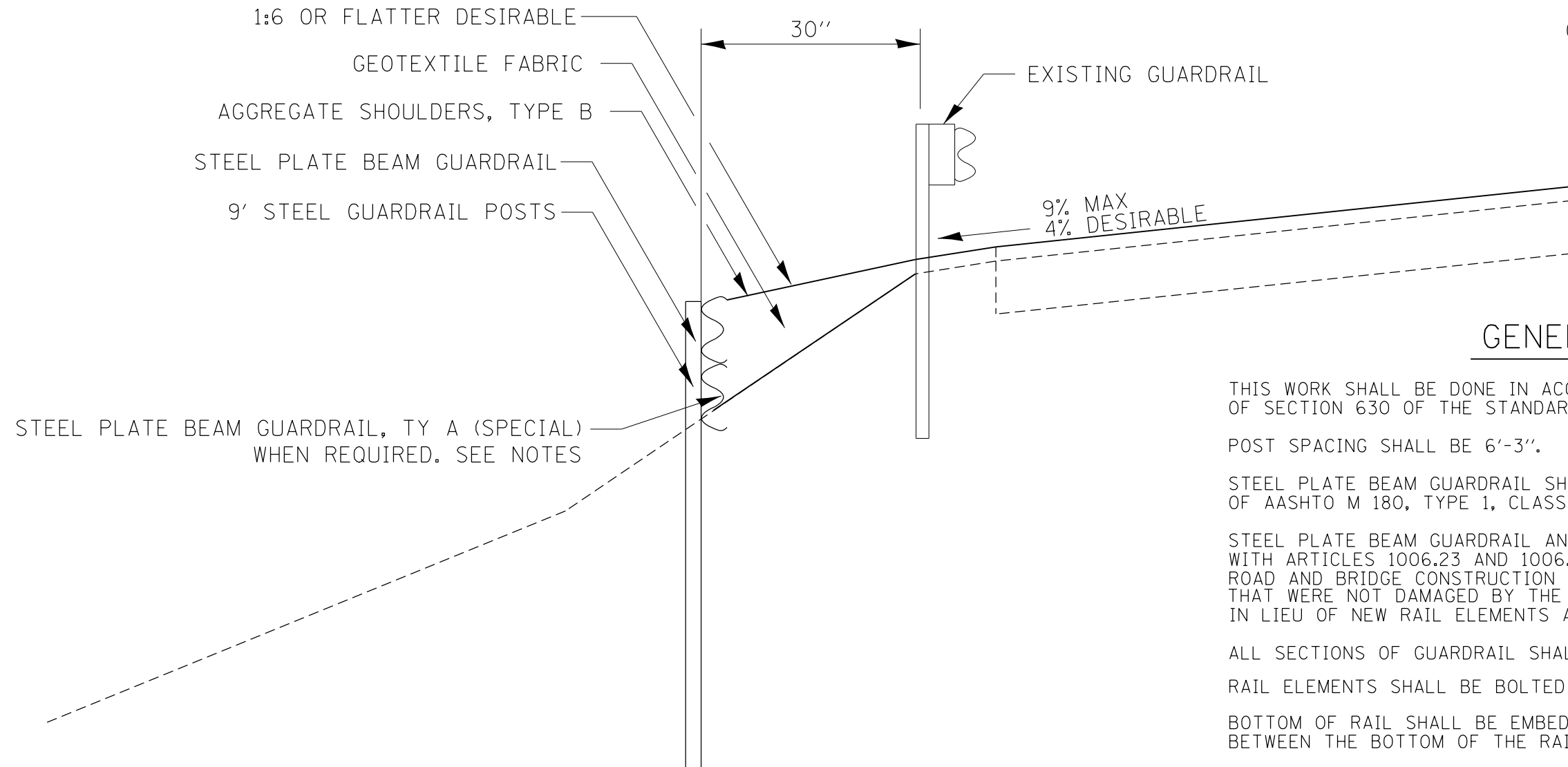
TRAFFIC COUNTER DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. R.T.E.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80		*	HENRY	80	68
				CONTRACT NO. 64064	
ILLINOIS FED. AID PROJECT					

(37-4,5,6) RS-2

PERIMETER EROSION BARRIER, SPECIAL DETAIL



GENERAL NOTES

THIS WORK SHALL BE DONE IN ACCORDANCE TO THE APPLICABLE PORTIONS OF SECTION 630 OF THE STANDARD SPECIFICATIONS.

POST SPACING SHALL BE 6'-3".

STEEL PLATE BEAM GUARDRAIL SHALL BE ACCORDING TO THE REQUIREMENTS OF AASHTO M 180, TYPE 1, CLASS A.

STEEL PLATE BEAM GUARDRAIL AND STEEL POSTS SHALL BE IN ACCORDANCE WITH ARTICLES 1006.23 AND 1006.25 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION MANUAL. ANY SALVAGE RAIL ELEMENTS AND POSTS THAT WERE NOT DAMAGED BY THE CONTRACTOR DURING THE REMOVAL MAY BE USED IN LIEU OF NEW RAIL ELEMENTS AND POSTS.

ALL SECTIONS OF GUARDRAIL SHALL BE BOLTED TOGETHER.

RAIL ELEMENTS SHALL BE BOLTED TO POST.

BOTTOM OF RAIL SHALL BE EMBEDDED INTO THE FORESLOPE UNTIL NO GAP EXISTS BETWEEN THE BOTTOM OF THE RAIL AND THE EXISTING GROUND.

GEOTEXTILE FABRIC SHALL BE PLACED BEHIND THE RAIL ELEMENT AND ON THE GROUND BEHIND THE EXISTING GUARDRAIL BEFORE PLACING THE AGGREGATE WEDGE SHOULDERS. THE INSTALLATION AND MATERIAL FOR GEOTEXTILE FABRIC SHALL BE ACCORDING TO SECTION 210 OF THE STANDARD SPECIFICATIONS.

AT LOCATIONS WHERE THERE ARE GAPS UNDER THE RAIL ANOTHER RAIL ELEMENT SHALL BE PLACED BELOW THE FIRST RAIL AND BOLTED TO IT. THE ADDITIONAL RAIL ELEMENTS WILL BE PAID AT THE CONTRACT UNIT PRICE PER FOOT FOR STEEL PLATE BEAM GUARD RAIL, TYPE A (SPECIAL).

STEEL PLATE BEAM GUARDRAIL, 9' STEEL GUARDRAIL POSTS, AND GEOTEXTILE FABRIC SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR PERIMETER EROSION BARRIER, SPECIAL.

AGGREGATE SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR AGGREGATE SHOULDERS, TYPE B.

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

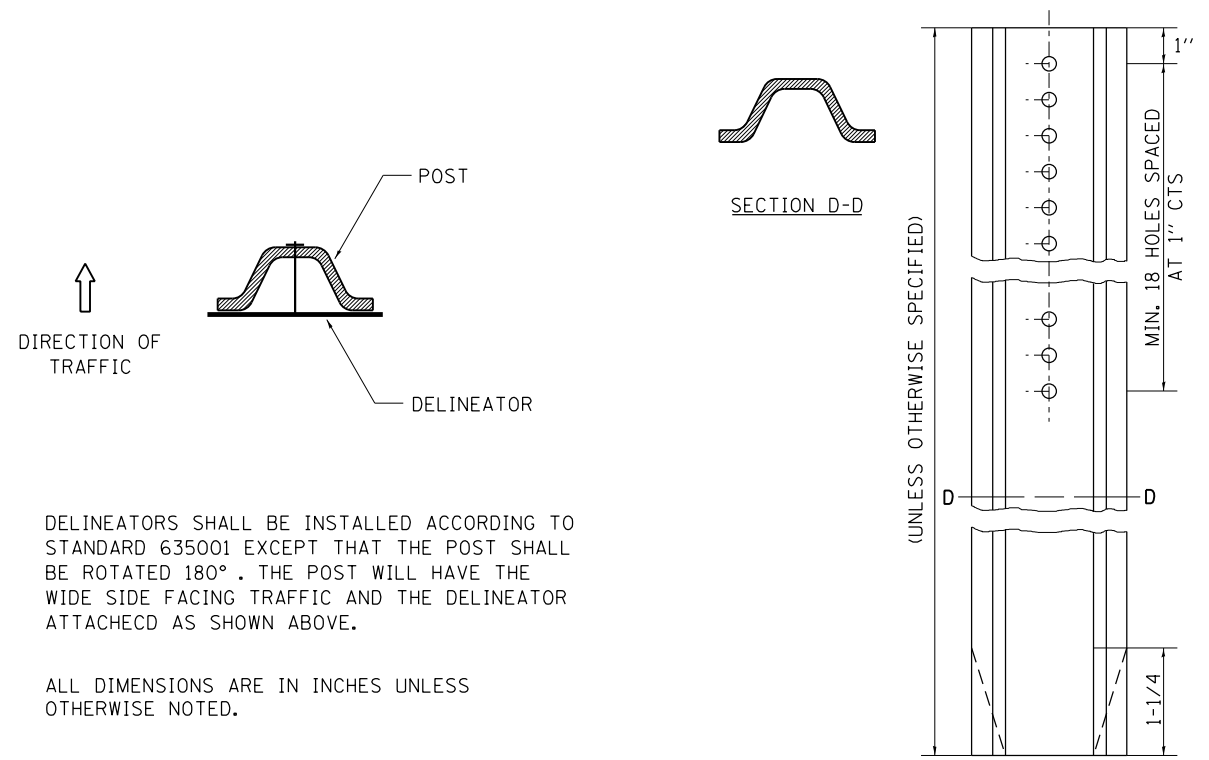
PERIMETER EROSION BARRIER, SPECIAL DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80		*	HENRY	80	69
				CONTRACT NO. 64664	
ILLINOIS FED. AID PROJECT					

(37-4.5,6) RS-2

DELINEATOR AND POST ORIENTATION



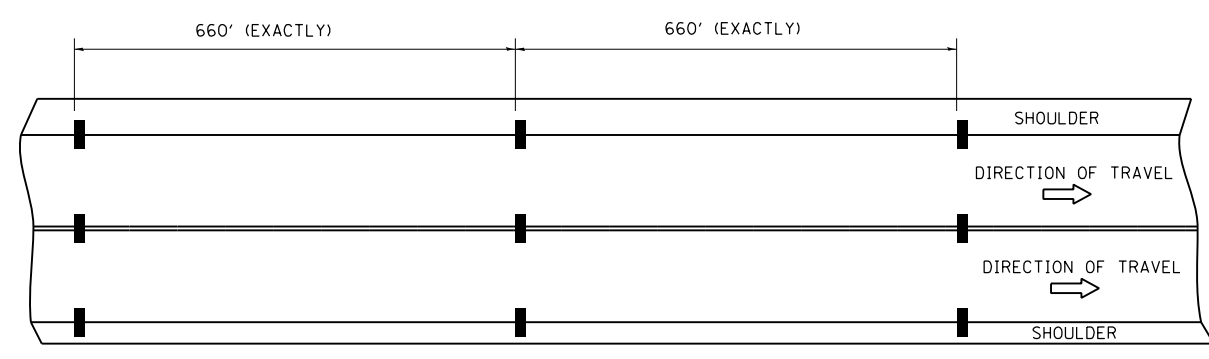
DELINEATORS SHALL BE INSTALLED ACCORDING TO STANDARD 635001 EXCEPT THAT THE POST SHALL BE ROTATED 180°. THE POST WILL HAVE THE WIDE SIDE FACING TRAFFIC AND THE DELINEATOR ATTACHED AS SHOWN ABOVE.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 10-03-11

DELINEATOR AND POST ORIENTATION 37.4

AERIAL SPEED CHECK ZONES



USE THERMOPLASTIC PAVEMENT MARKINGS

POLICE AERIAL SPEED CHECK ZONES

ESTABLISHED ZONES AND NEW ZONES REQUESTED BY THE ILLINOIS STATE POLICE SHALL BE MARKED CONSISTENT WITH THE REQUIREMENTS OF SECTION 3B.21 OF THE MUTCD. WHEN NEW ZONES ARE PLACED IT WILL BE NECESSARY TO HAVE A REPRESENTATIVE OF THE STATE POLICE PRESENT SO THAT THE ACCURACY OF THE MEASUREMENT CAN BE ATTESTED TO IN COURT.

ILLINOIS STATE POLICE

DISTRICT 1 STERLING 815/632-4010 CARROLL, LEE, OGLE, WHITESIDE
 DISTRICT 7 EAST MOLINE 309/752-4915 HENRY, ROCK ISLAND
 DISTRICT 16 PECAONICA 815/239-1152 BOONE, JO DAVIESS, STEPHENSON, WINNEBAGO

BASIS OF PAYMENT:

THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR AERIAL SPEED CHECK MARKING.

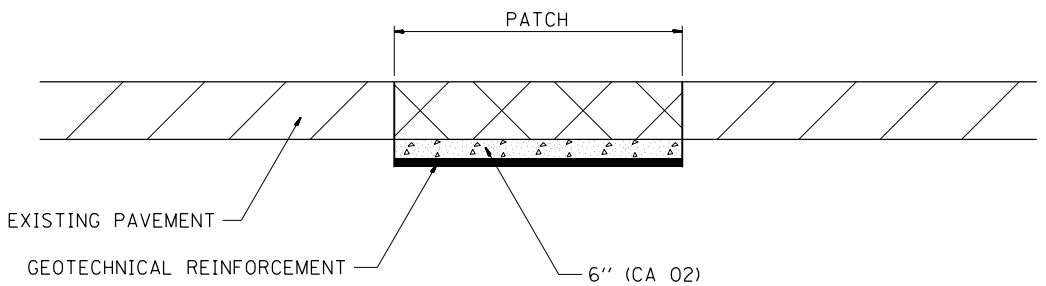
PAVEMENT MARKING DETAIL



REVISED - 6-27-14
 REVISED - 8-27-13
 10-03-11

AERIAL SPEED CHECK ZONES 46.4

SUBGRADE REPLACEMENT



NOTES:

THE CA 02 SHALL BE COMPACTED IN A MANNER APPROVED BY THE ENGINEER. IF THE MOISTURE CONTENT OF THE MATERIAL IS SUCH THAT COMPACTION SATISFACTORY TO THE ENGINEER CANNOT BE OBTAINED, SUFFICIENT WATER SHALL BE ADDED SO THAT SATISFACTORY COMPACTION CAN BE OBTAINED.

THE CA 02 SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CU YD FOR AGGREGATE SUBGRADE IMPROVEMENT WHICH SHALL ALSO INCLUDE ALL EARTH EXCAVATION.

THE GEOTECHNICAL REINFORCEMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQ YD FOR GEOTECHNICAL REINFORCEMENT.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 3-13-13

SUBGRADE REPLACEMENT 97.4

PLOT DATE = Thu Aug 21 13:15:51 2014

REVISED -	REGION 2 / DISTRICT 2 STANDARD	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
REVISED -		80	*	HENRY	80	70	
REVISED -						CONTRACT NO. 64664	
REVISED -		SCALE: 100,0000' / 1" = 100'	SHEET NO.	OF	SHEETS	STA.	TO STA.

(37-4,5,6) RS-2

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

ROUGH GROOVED SURFACE SIGN

ILLINOIS STANDARD W8-I107

SIGN PANEL TYPE 1



COLOR: LEGEND AND BORDER - BLACK NON-REFLECTIVE
BACKGROUND - ORANGE REFLECTORIZED

SIGN SIZE	DIMENSIONS							
	A	B	C	D	E	F	G	H
48x48	48.0	24.1	3.0	34.0	33.0	6.0	13.0	3.5

SIGN SIZE	SERIES			MARGIN	BORDER	BLANK STD.
	LINES					
	1	2	3			
48x48	7C	7C	7C	0.8	1.2	B4-48D

ALL DIMENSIONS IN INCHES.

GENERAL NOTES

SIGN PANELS AND FACE MATERIALS SHALL BE ACCORDING TO SECTION 720 OF THE STANDARD SPECIFICATIONS

METAL POSTS SHALL BE IN ACCORDANCE WITH STD. 720011.

ALL MOUNTING HARDWARE SHALL BE ALUMINUM, STAINLESS STEEL, ZINC OR CADMIUM PLATED STEEL AND SHALL BE INCLUDED TO THE COST OF THE INSTALLATION.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

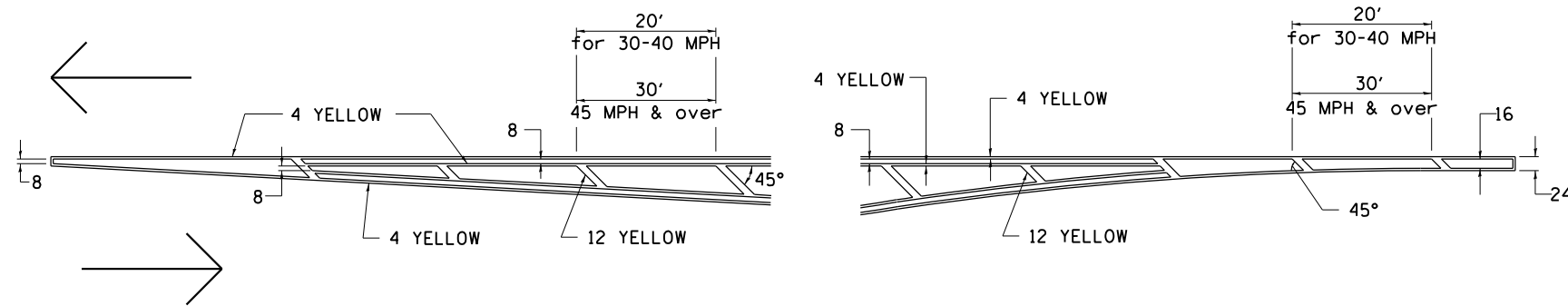
• (37-4,5,6) RS-2

REVISED - 10-14-11

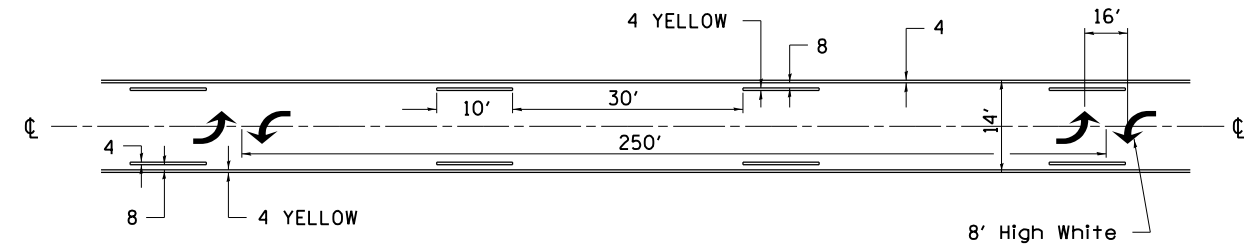
REVISED -	REGION 2 / DISTRICT 2 STANDARD				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -					80	*	HENRY	80	71
REVISED -					CONTRACT NO. 64664				
REVISED -	SCALE: 100.0000' / 1" SHEET NO. OF SHEETS STA. TO STA.				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

TYPICAL PAVEMENT MARKINGS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

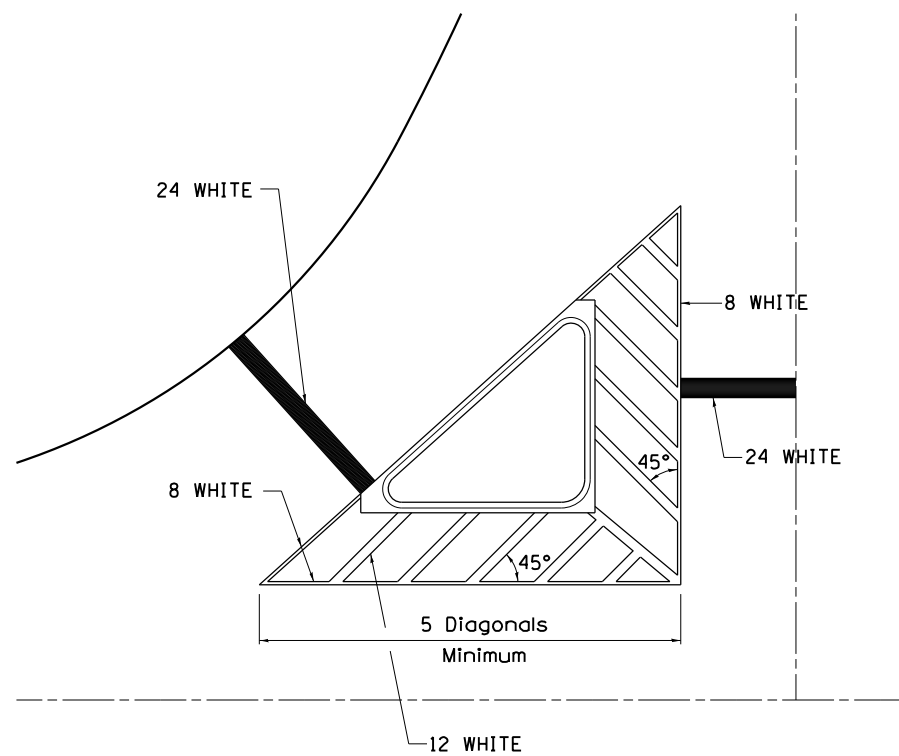


MEDIAN PAVEMENT MARKING



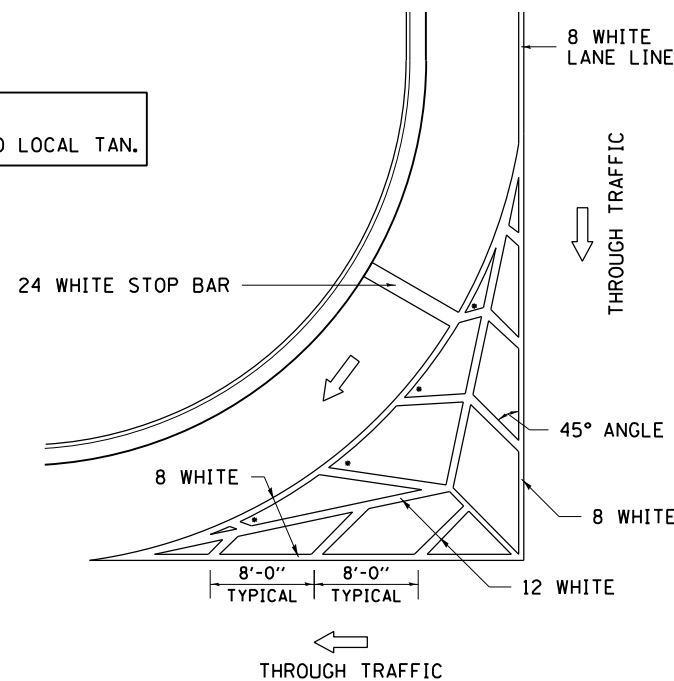
•• ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

TYPICAL ISLAND OFFSET SHOULDER WIDTH



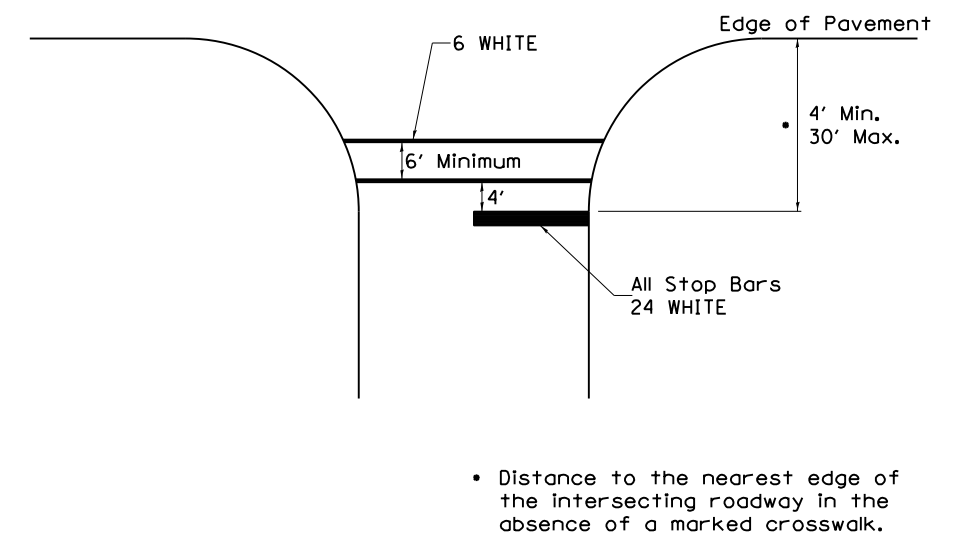
TYPICAL MARKING FOR PAINTED ISLANDS

NOTE:
* 45° TO LOCAL TAN.



STANDARD CROSSWALK MARKING

See Schedules for Locations



• Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

• (37-4,5,6) RS-2

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED - 6-27-14
ca:\pwork\pwork\grantpm\d0310501\0200711-shd-details.dgn		DRAWN -	REVISED - 3-05-12
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = Thu Aug 21 13:16:20 2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

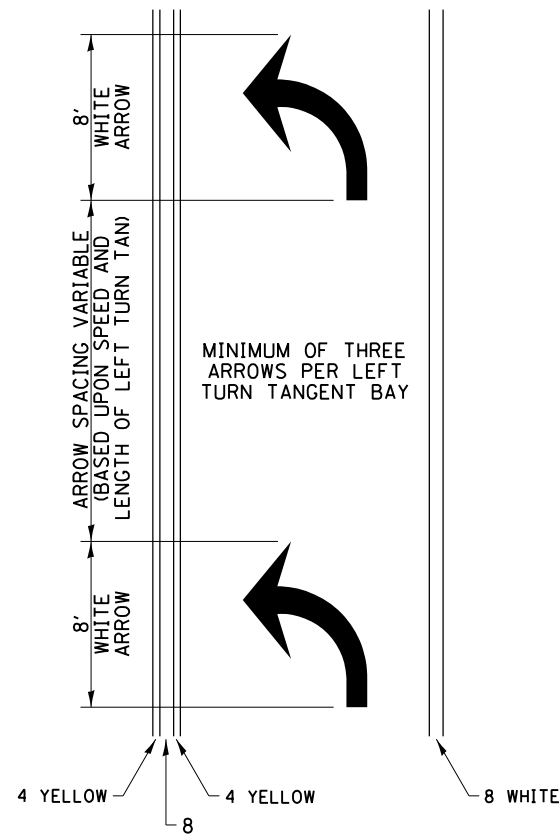
REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	HENRY	80	72
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 64064	

TYPICAL PAVEMENT MARKINGS

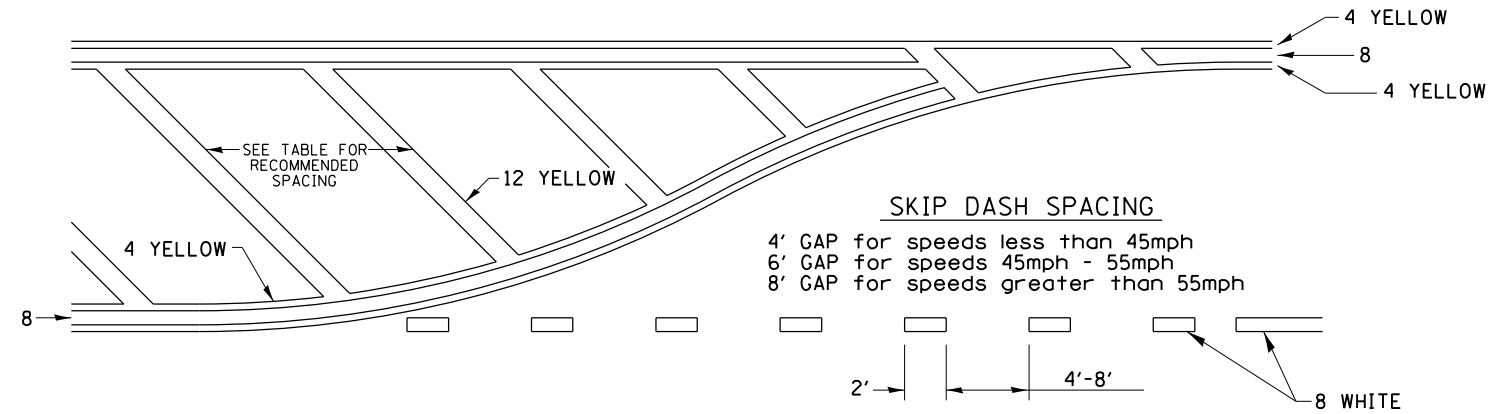
ARROW LAYOUT



- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER
- ◆ TWO-WAY AMBER MARKER

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

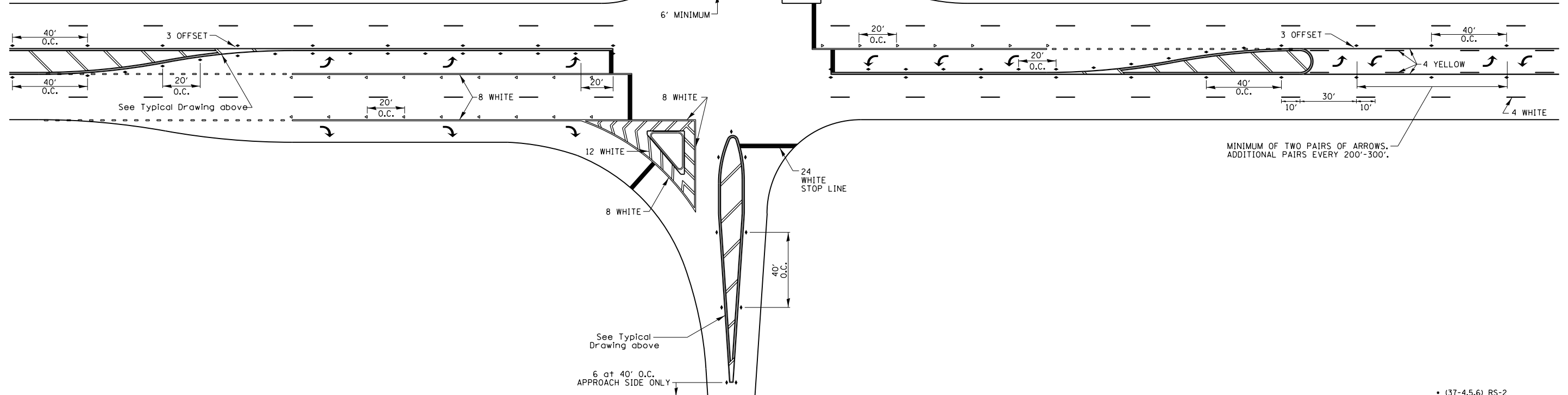
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

Speed Limit Range	Continuous Median Area	Intersection Channelization	Objects (Islands)
less than 30MPH	50'	15'	10'
30-40MPH	75'	20'	15'
45MPH & over	75'	30'	20'

NOTE: if the spacing recommended in the Table does not permit at least five diagonal lines in the area being marked, the spacing from the next lowest speed range should be used. The recommended spacing is measured parallel to the pavement center line.



(37-4.5,6) RS-2

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED - 6-27-14
es:\pwork\pwork\grantpm\d0310501\0200711-shd-details.dgn		DRAWN -	REVISED - 3-05-12
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = Thu Aug 21 13:16:34 2014	DATE -	REVISED -

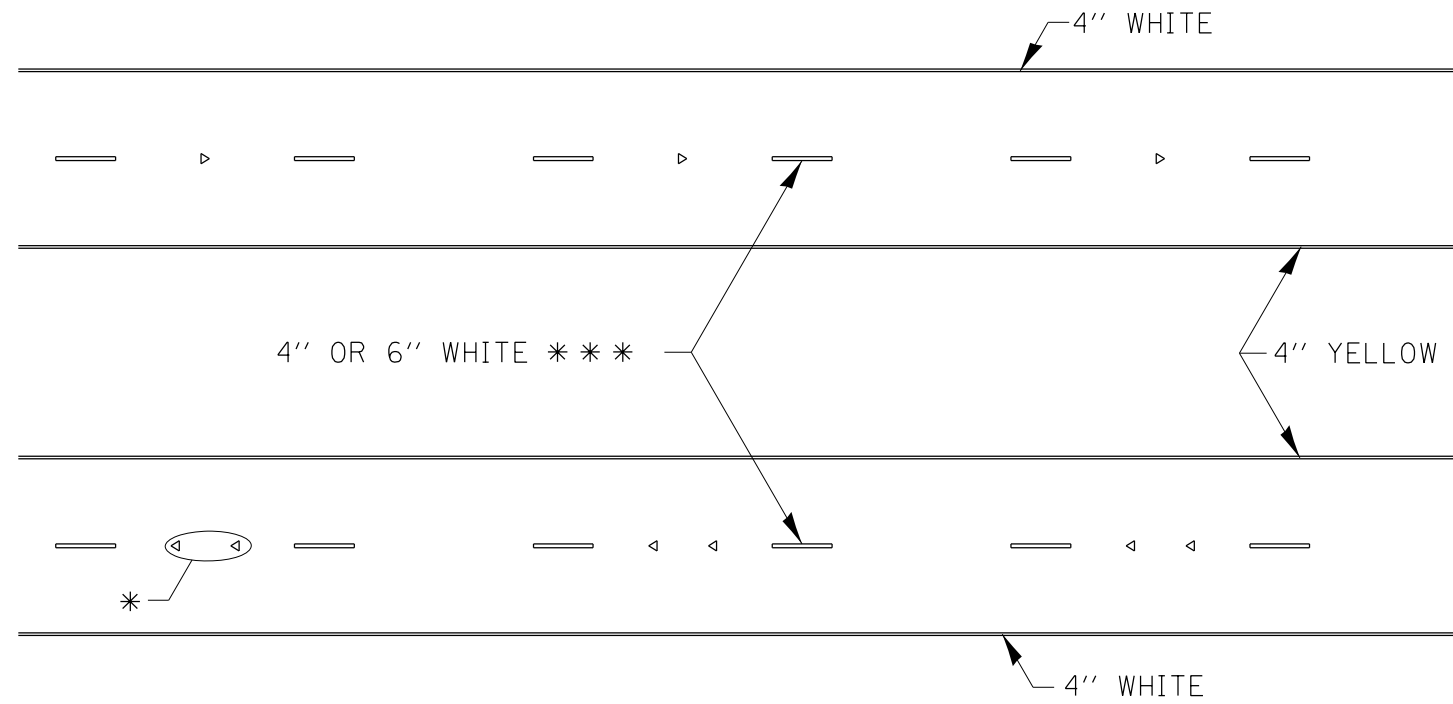
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET NO. OF SHEETS STA. TO STA.

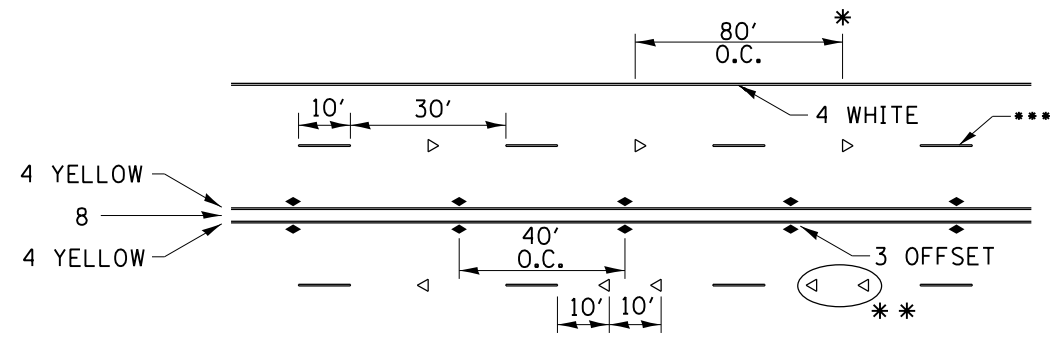
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	HENRY	80	73
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 64664	

TYPICAL PAVEMENT MARKINGS



* SEE HIGHWAY STANDARD 781001 FOR SPACING DETAILS.
USE DOUBLE MARKERS WHEN ADT > 20,000.

MULTI-LANE / DIVIDED



* REDUCE TO 40' O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH LOWER THAN POSTED SPEEDS.

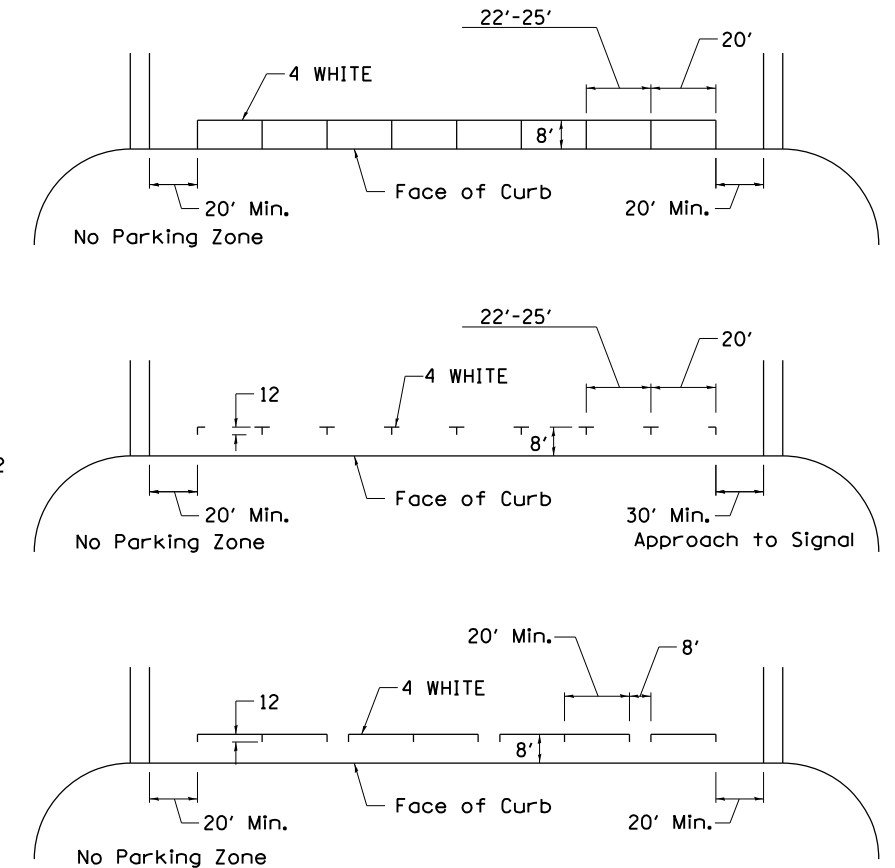
** USE DOUBLE MARKERS WHEN ADT ≥ 20,000

*** CENTERLINE SKIP DASH PAVEMENT MARKING SPEED LIMIT LESS THAN 40 MPH USE 4" LINE. SPEED LIMIT 40 MPH AND OVER USE 6" LINE.

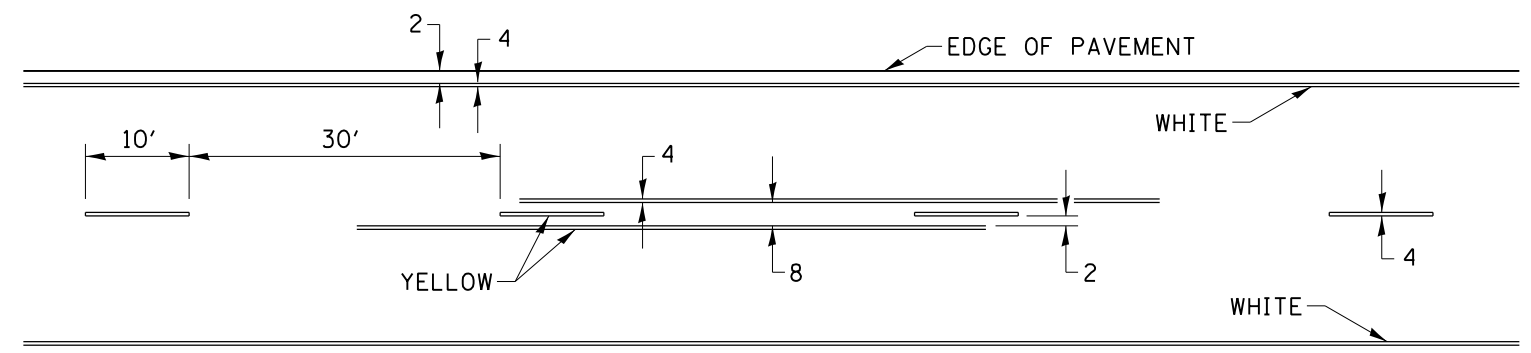
MULTI-LANE / UNDIVIDED & ONE WAY

(FOR MULTI-LANE UNDIVIDED HIGHWAYS USE THIS DETAIL NOT HIGHWAY STANDARD 781001)

TYPICAL PARKING SPACING



TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION – NO PASSING ZONES



SYMBOLS

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED - 6-27-14
es:\pw\work\p\dot\grantpm\d0310501\200711-shd-details.dgn	11-shd-details.dgn	DRAWN -	REVISED - 8-27-13
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - 11-28-12
	PLOT DATE = Thu Aug 21 13:16:48 2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	HENRY	80	74
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 64664	

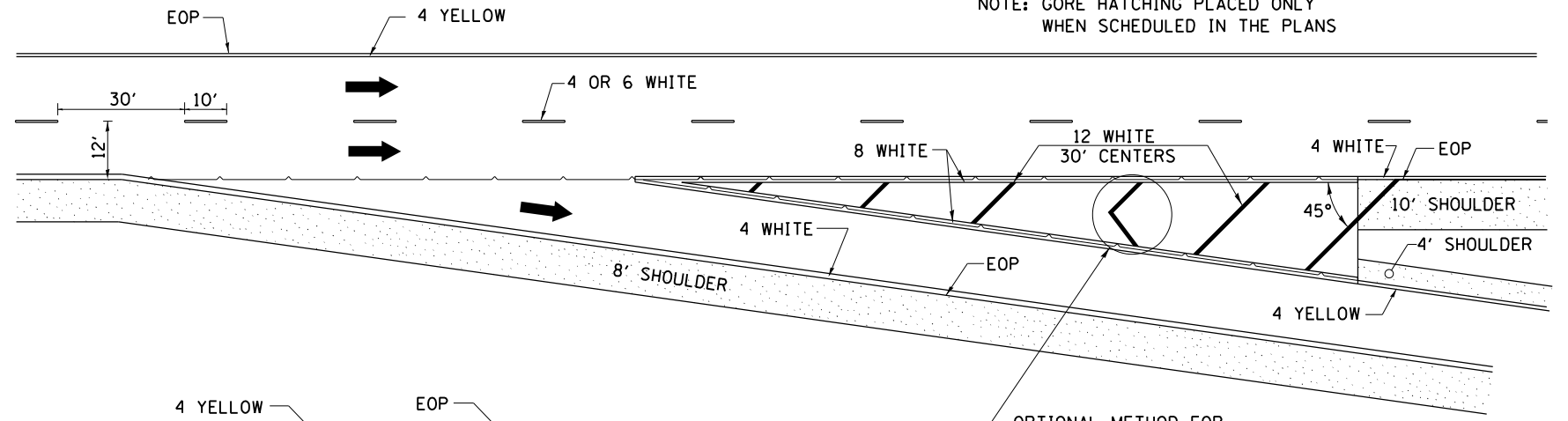
(37-4,5,6) RS-2

PAINING DETAILS

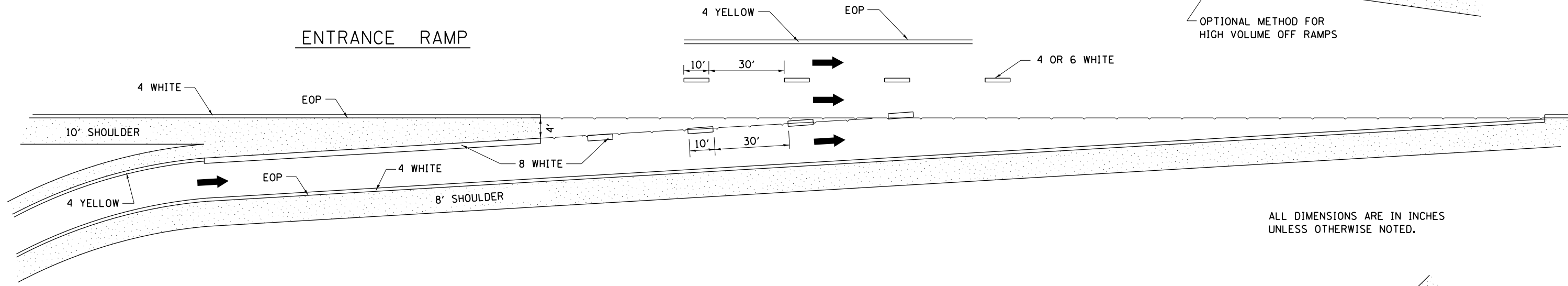
CENTERLINE SKIP DASH PAVEMENT MARKING WIDTH SHALL BE 4" WHEN THE POSTED SPEED LIMIT IS UNDER 40 MPH AND 6" WHEN THE POSTED SPEED LIMIT IS 40 MPH AND OVER.

EXIT RAMP

NOTE: GORE HATCHING PLACED ONLY WHEN SCHEDULED IN THE PLANS

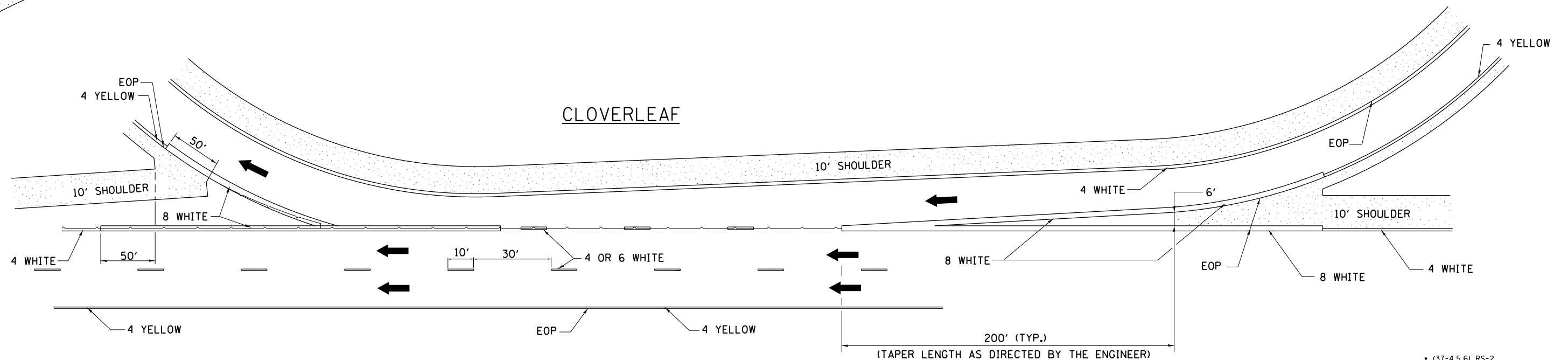


ENTRANCE RAMP



ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

CLOVERLEAF



(37-4,5,6) RS-2

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED - 8-27-13
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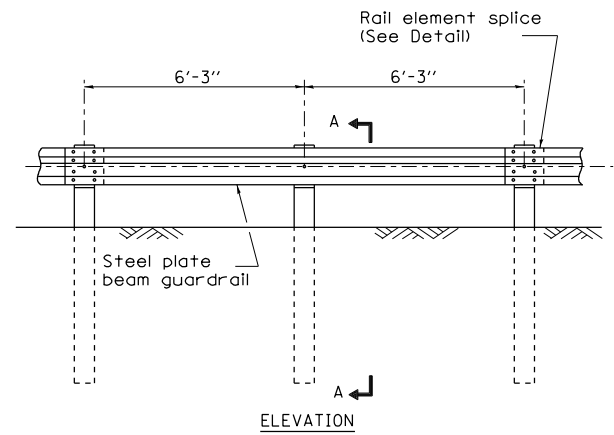
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

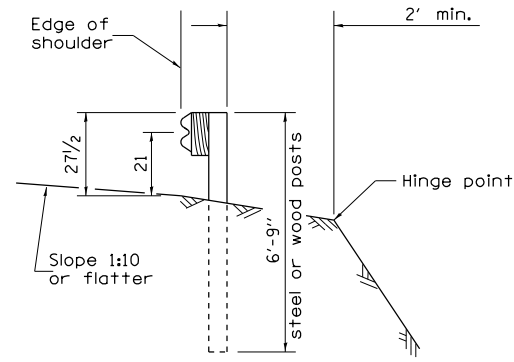
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	HENRY	80	75
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 64064	

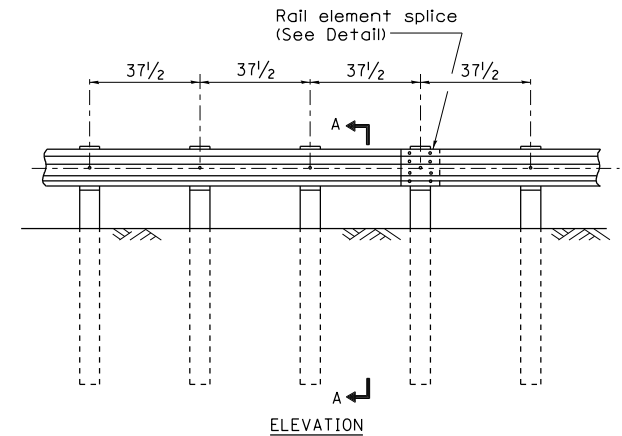
REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL



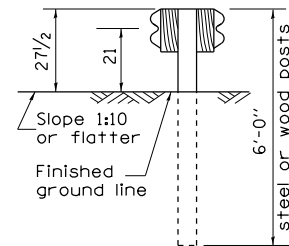
TYPE A
6'-3" Typical post spacing



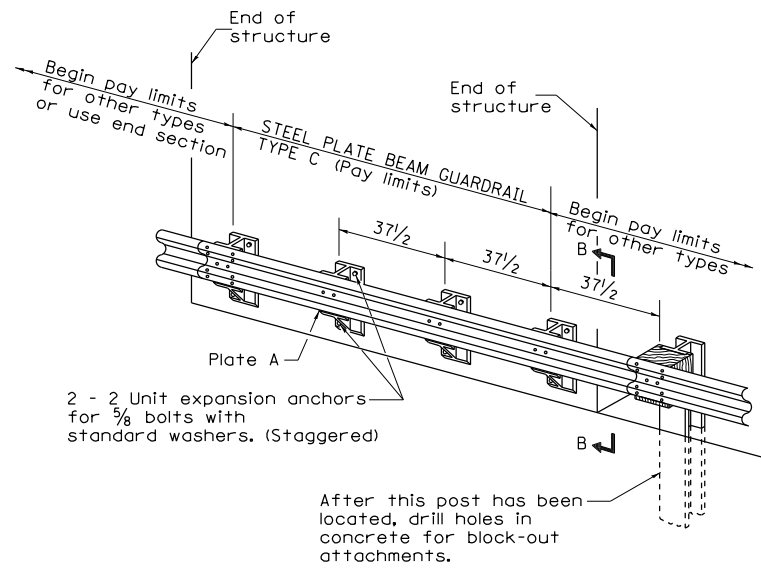
SECTION A-A



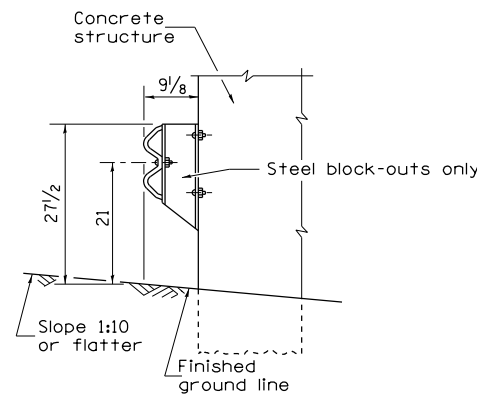
TYPE B
37 1/2 Closed post spacing



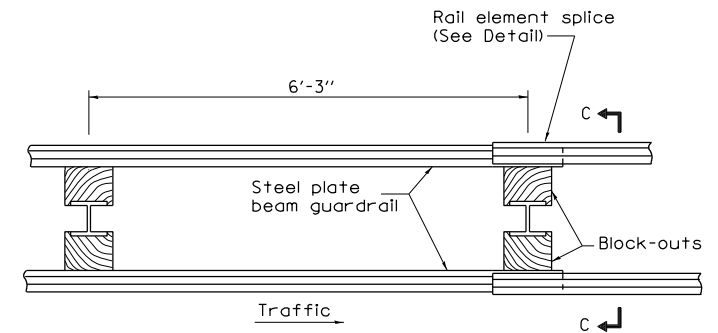
SECTION C-C



TYPE C
37 1/2 Block-out spacing



SECTION B-B



TYPE D
Double steel plate beam guardrail
6'-3" typical post spacing

GENERAL NOTES

- All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).
- All dimensions are in inches unless otherwise shown.
- The existing steel posts may be drilled to match the bolt pattern shown herein for the wood block-out, or a new steel post shall be provided.
- This detail is applicable to the guardrail system used prior to January 1, 2007. For details on the Midwest Guardrail System, see Standard 630001.

(37-4,5,6) RS-2

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED - 10-18-11
c:\pwork\work\pwork\grantpm\d0310501\0200711-shd-details.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

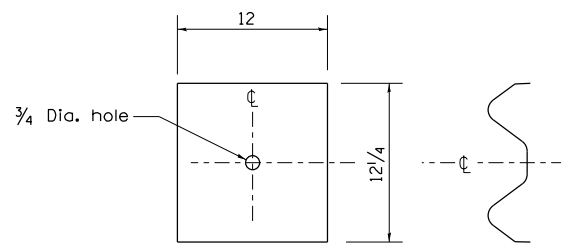
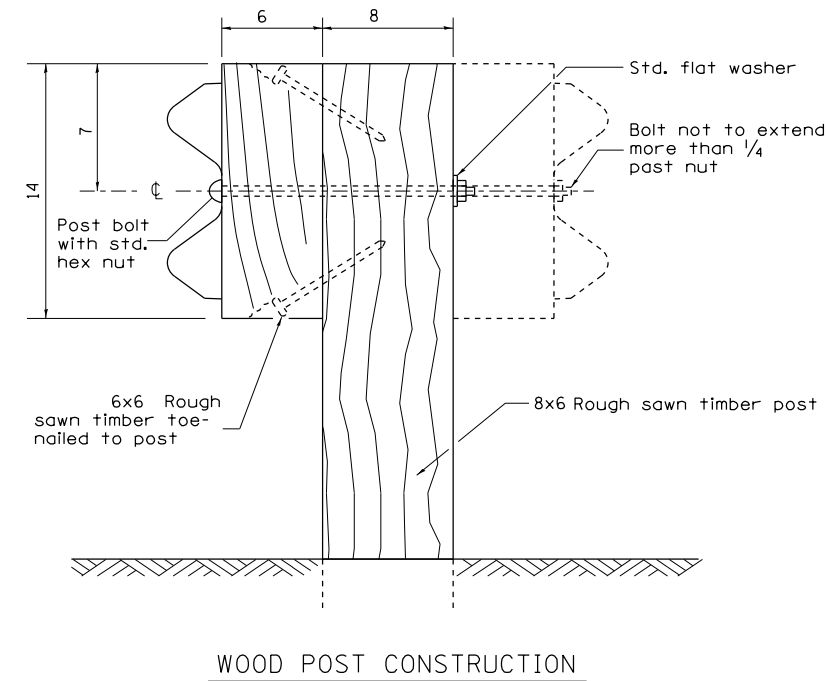
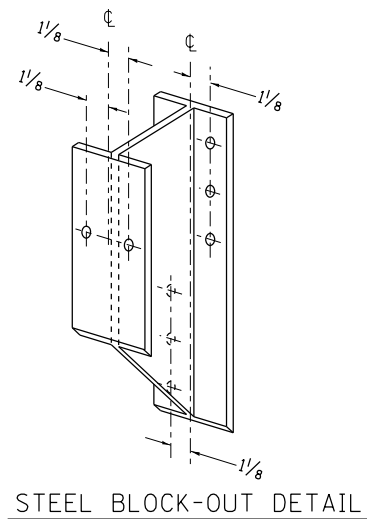
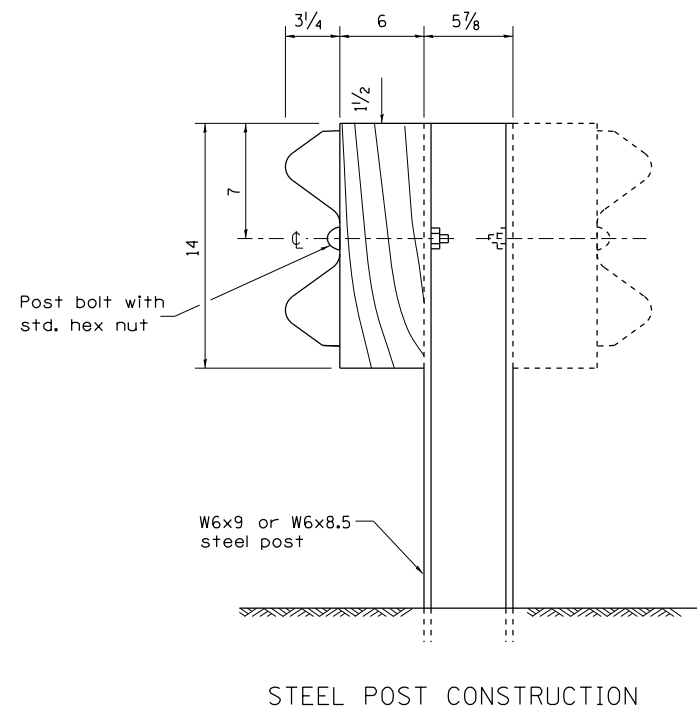
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	HENRY	80	76
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 64664	

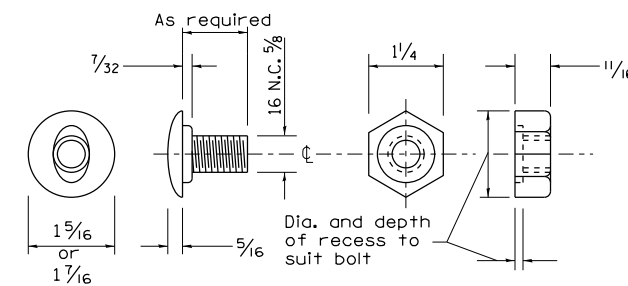
REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL



NOTE

Plate A shall be placed between rail element and block-out at non-splice mounting points only when steel block-outs are used.

PLATE A



• (37-4,5,6) RS-2

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED - 10-18-11
ca:\pwork\pwork\grantpm\d0310501\0200711-shd-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = Thu Aug 21 13:17:33 2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

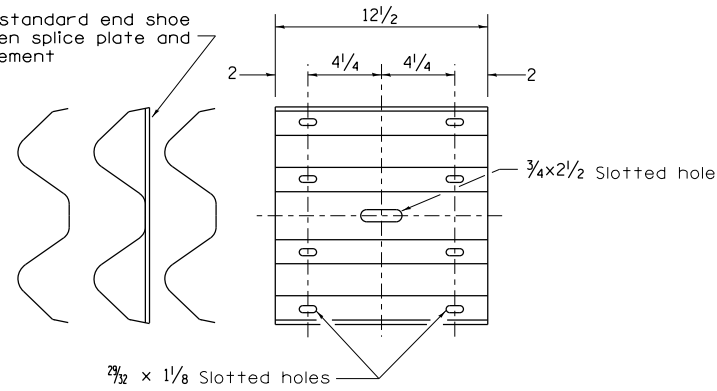
REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET NO. OF SHEETS STA. TO STA.

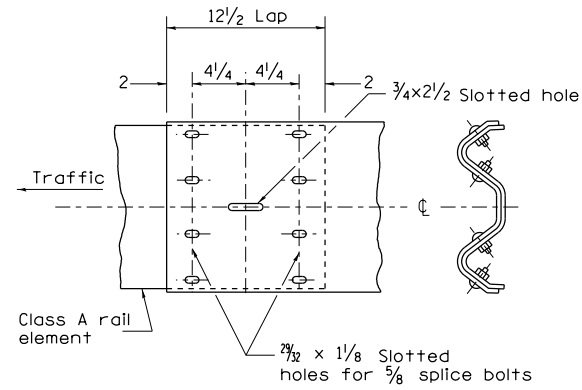
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	HENRY	80	77
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 64064	

REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL

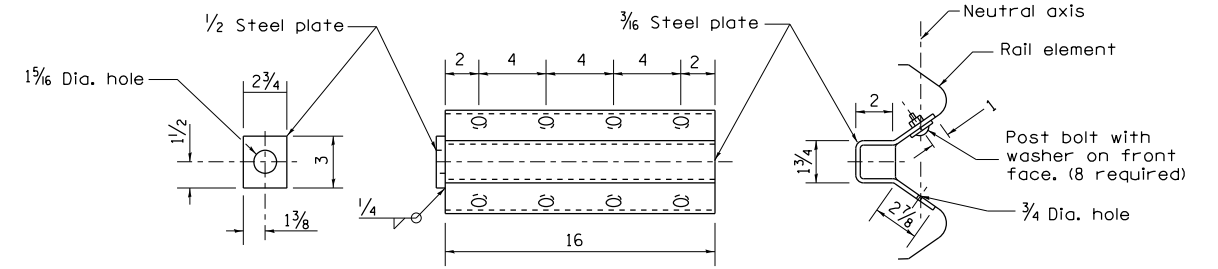
Place standard end shoe between splice plate and rail element



SPLICE PLATE



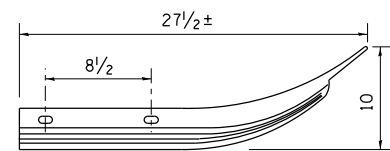
RAIL ELEMENT SPLICE



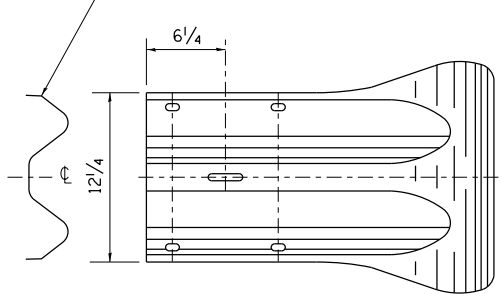
NOTE

Anchor plate T shall be used to attach cable assembly to guardrail when required on traffic barrier terminals.

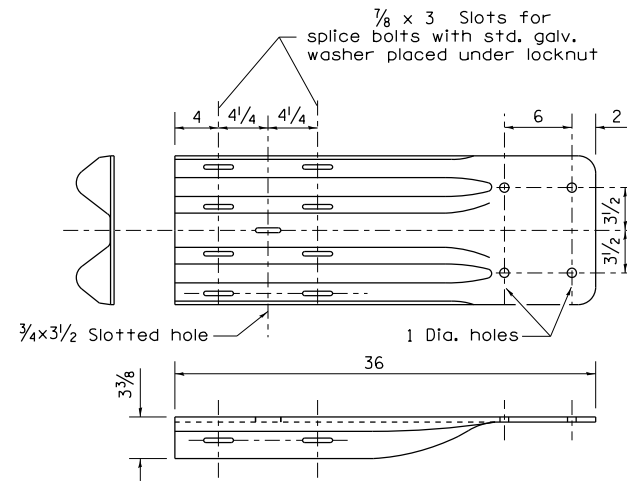
ANCHOR PLATE T DETAILS



Class A rail element



END SECTION



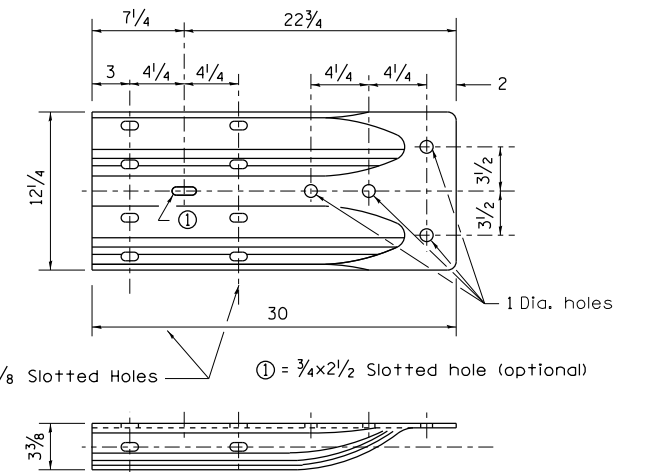
NOTE

When end shoe is attached to a bridge parapet which has an expansion joint, the bolts shall be provided with a locknut or double nut and shall be tightened only to a point that will allow guardrail movement.

The standard end shoe shall be attached to the concrete with pre-drilled or self-drilling anchor bolts. The anchor cone shall be set flush with the surface of the concrete.

Externally threaded studs protruding from the surface of the concrete will not be permitted.

END SHOE



ALTERNATE END SHOE

• (37-4,5,6) RS-2

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED - 10-18-11
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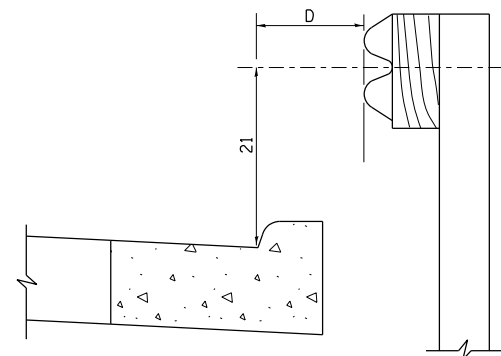
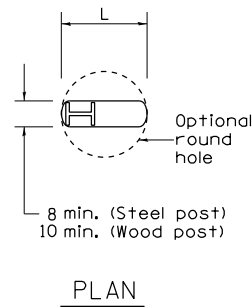
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	HENRY	80	78
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 64664	

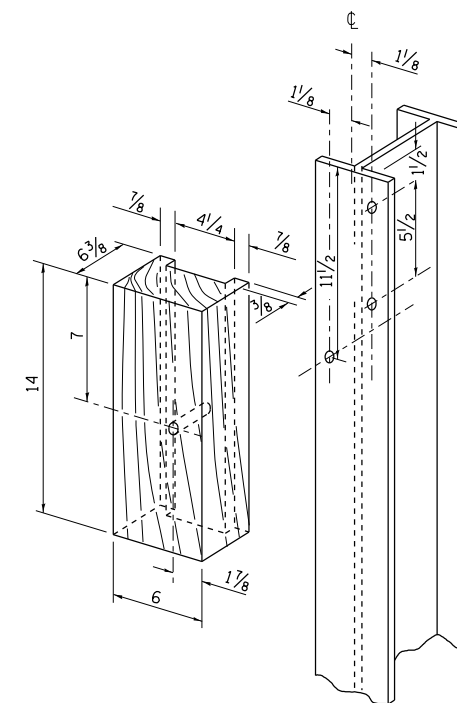
REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL



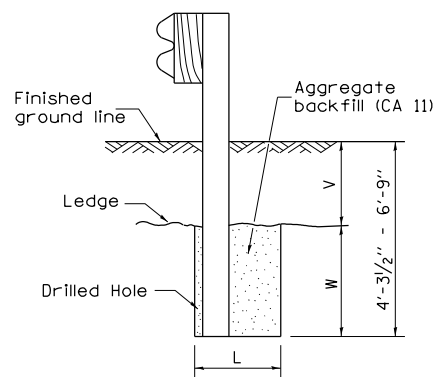
Note:
If it is necessary for D to be more than 12 and less than 10'-0" type M-2 curb and gutter (Std. 606001) shall be used in front of and in advance of the guardrail.

GUARDRAIL PLACED BEHIND CURB

(D = 0 desirable to 12 maximum)



WOOD BLOCK-OUT AND STEEL POST DETAILS

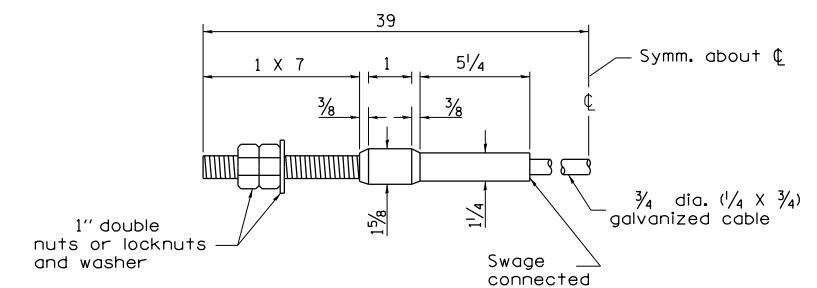


Note:
Ledge line is top of rock ledge or hard slag fill.

ELEVATION

FOOTING FOR POST WHEN IMPERVIOUS MATERIAL IS ENCOUNTERED

V	W	L	
		Steel Post	Wood Post
0 - 18	24	21	23
>18 - 41.5	12	8	10
>41.5 - 53.5	12 - 0	8	10



CABLE ASSEMBLY
(40,000 lbs. min. breaking strength)
Tighten to taut tension.

(37-4,5,6) RS-2

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED - 10-18-11
ca:\pw_work\pwidot\grantpm\d0310501\0200711-shd-details.dgn		DRAWN -	REVISED -
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	PLOT DATE = Thu Aug 21 13:18:04 2014	DATE -	REVISED -

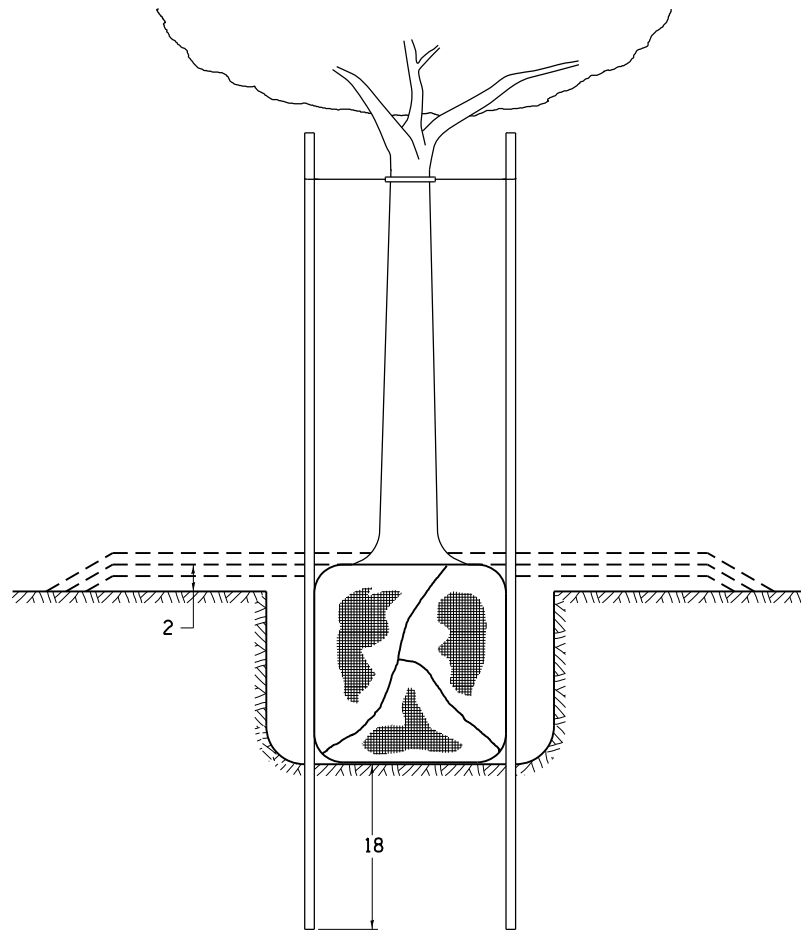
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

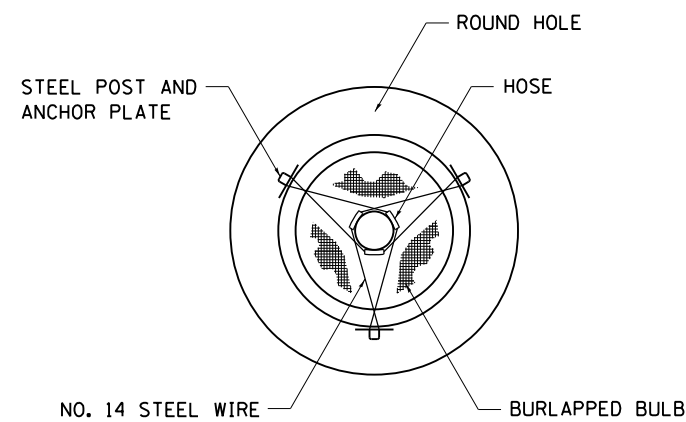
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	HENRY	80	79
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 64064	

DETAILS OF PLANTING AND BRACING TREES

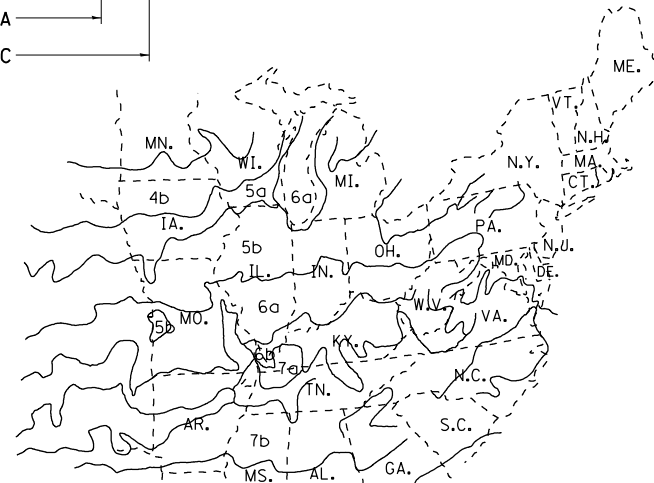
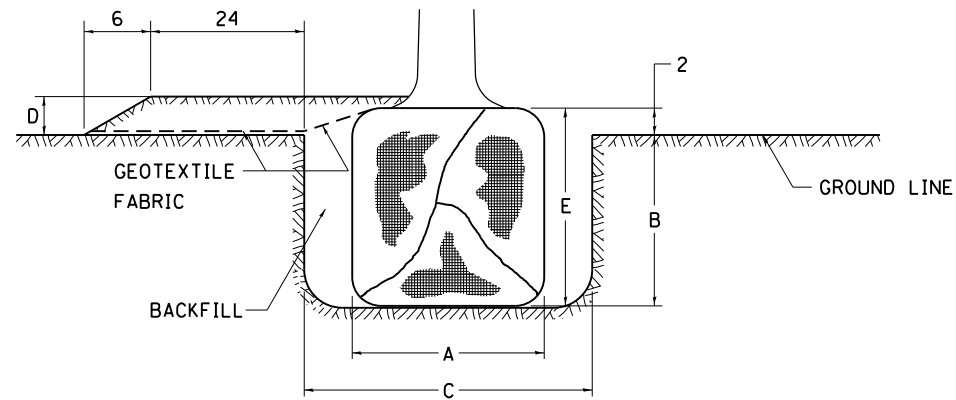


TREES SMALLER THAN 4 1/2 IN DIAMETER



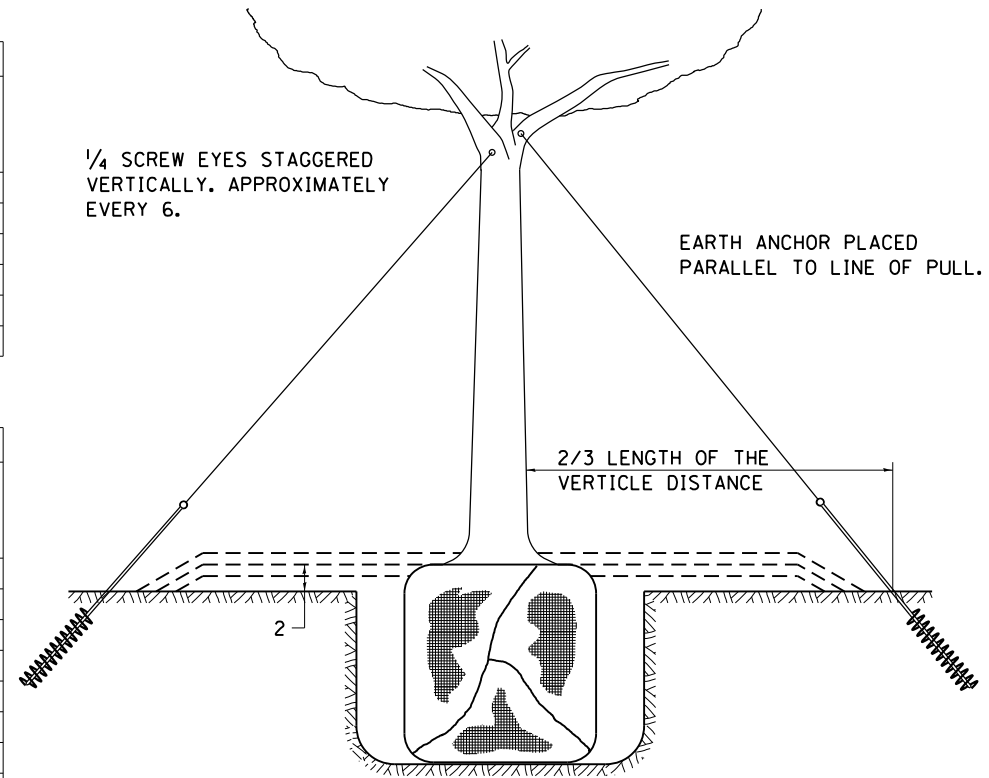
SMALL	A	B	C	D	E	F
TREE SIZE	DIAMETER OF BALL OR ROOT SYS.	DEPTH OF HOLE EXCAVATION	WIDTH OF HOLE EXCAVATION	THICKNESS OF MULCH COVER	DEPTH OF BALL OR ROOT SYS.	VOLUME OF MULCH COVER CU. YDS.
5'-6'	16	10	30	4	12	0.54
5'-6' BB	16	10	30	4	12	0.54
6'-7' BB	18	12	30	4	14	0.54
7'-8' BB	20	11	30	4	13	0.54
8'-10' BB	24	14	36	4	16	0.61
10'-12' BB	26	15	36	4	17	0.61

LARGE	A	B	C	D	E	F
TREE SIZE	DIAMETER OF BALL OR ROOT SYS.	DEPTH OF HOLE EXCAVATION	WIDTH OF HOLE EXCAVATION	THICKNESS OF MULCH COVER	DEPTH OF BALL OR ROOT SYS.	VOLUME OF MULCH COVER CU. YDS.
0-2	20	11	36	4	13	0.61
2-2 1/2 BB	24	14	48	4	16	0.78
2 1/2-3 BB	28	17	48	4	19	0.78
3-3 1/2 BB	32	17	60	4	19	0.96
3 1/2-4 BB	36	20	60	4	22	0.96
4-4 1/2 BB	40	22	72	4	24	1.16
4 1/2-5 BB	44	24	72	4	26	1.16
5-5 1/2 BB	48	27	84	4	29	1.38

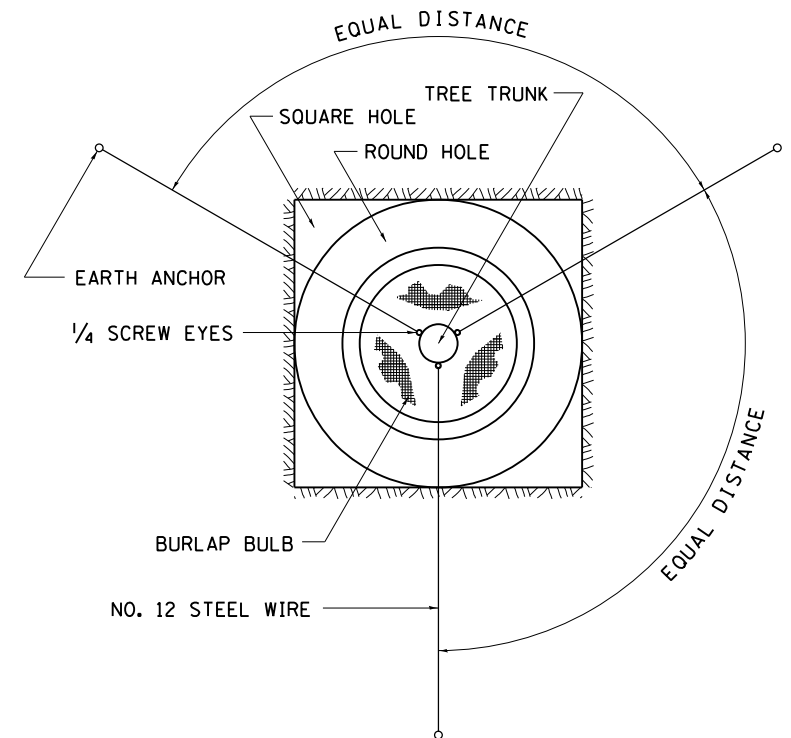


PLANT HARDINESS ZONE MAP

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
PUBLICATION NO. 814



TREES OVER 4 1/2 IN DIAMETER



ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE NOTED.

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED - 10-18-11
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		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	*	HENRY	80	80
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 64064	