

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION

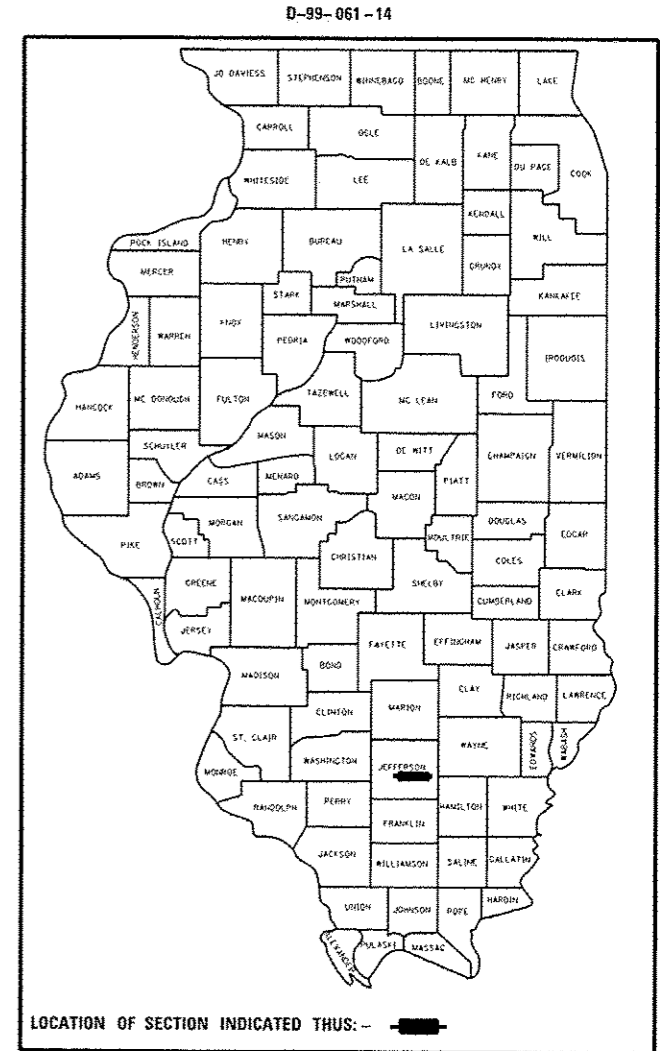
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	(41-8) RS-3	JEFFERSON	45	1
		ILLINOIS	CONTRACT NO. 78440	

FOR INDEX OF SHEETS, SEE SHEET NO. 3
 FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 5

PROPOSED HIGHWAY PLANS

FAI ROUTE 64 (I-64)
SECTION (41-8) RS-3
PROJECT NHPP-0064(404)
3P RESURFACING
JEFFERSON COUNTY

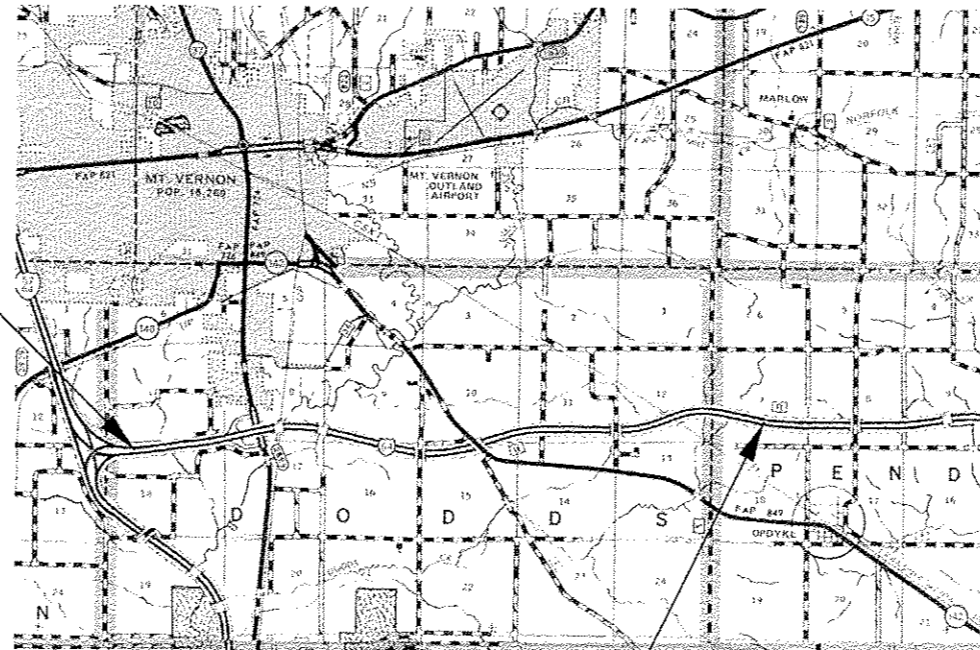
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TRAFFIC DATA

I-64 TO IL 37
 2015 ADT- 12900 WITH 37.4% TRUCKS
 2017 ADT- 13160 WITH 37.4% TRUCKS
 2027 ADT- 14540 WITH 34.4% TRUCKS
I-64 FROM IL 37
 2015 ADT- 11300 WITH 45.1% TRUCKS
 2017 ADT- 11530 WITH 45.1% TRUCKS
 2027 ADT- 12730 WITH 45.1% TRUCKS

PROP. PROJECT BEGINS
 FAI 64 STA. 2669+45
 (PROP. BUTT JOINT)



PROP. PROJECT ENDS
 FAI 64 STA. 3004+00
 (PROP. BUTT JOINT)

COORDINATE SYSTEM : NA
 POSTED SPEED : 70 MPH

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

PROJECT ENGINEER CHARLES STEIN - (618) 351-5210
 PROJECT DESIGNER ELISE KNOP - (618) 351-5212

GROSS LENGTH = 33,455 FT. = 6.34 MILES
 NET LENGTH = 33,455 FT. = 6.34 MILES

CONTRACT NO. 78440

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION

SUBMITTED Jan 27 20 17

Jeffrey A. Keen
 REGION FIVE ENGINEER

Mar 24 20 17
Margaret M. Addis PE/EL
 ENGINEER OF DESIGN AND ENVIRONMENT

Mar 24 20 17
Anne M. [Signature]
 DIRECTOR OF PROGRAM DEVELOPMENT

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

Prepared By: *[Signature]*
 DISTRICT STUDIES & PLANS ENGINEER

Examined By: *Nancy Hei*
 DISTRICT LAND ACQUISITION ENGINEER

Examined By: *Carrie Nelson*
 DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: *Ken Melby*
 DISTRICT OPERATIONS ENGINEER

Examined By: *[Signature]*
 DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: *Daryl [Signature]*
 DISTRICT CONSTRUCTION ENGINEER

Examined By: *[Signature]*
 DISTRICT MATERIALS ENGINEER

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SIGNATURE SHEET

FILE NAME =	USER NAME = knopen	DESIGNED -	REVISED -
p:\IL04EBIDINTEG\illinois.gov\PIDOT\Documents\DOT Offices\District 9\Projects\7840\DRAWN to\CRS\7840-shts-ovr-soq-		DRAWN	REVISED
	PLOT SCALE = 100.0000' / 1" =	CHECKED -	REVISED -
	PLOT DATE = 1/23/2017	DATE -	REVISED -

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	(41-0)RS-3	JEFFERSON	45	2
CONTRACT NO. 78440				
ILLINOIS FED. AID PROJECT				

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS AND HIGHWAY STANDARDS, MIXTURE REQUIREMENTS
4	GENERAL NOTES AND MTD CROSSING RESTRICTIONS TABLE
5-10	SUMMARY OF QUANTITIES
11-17	TYPICAL SECTIONS
18-29	SCHEDULES
30-36	PLAN LAYOUT SHEETS - FAI 64 FROM STA. 2669+45 TO STA. 3004+00
37	DETAILS - JOINT REPAIRS AND WINGWALL MODIFICATION FOR TYPE 6 TERMINAL
38-39	DETAILS - WINGWALL MODIFICATION FOR TYPE 6 TERMINAL
40	DETAILS - INCIDENTAL HMA SURFACING AT EXISTING SIGN POST FOUNDATIONS AND MEDIAN CROSSOVERS
41	DETAILS - BUTT JOINTS FOR BEGINING AND ENDING OF PROJECT, RAMP INLAY, AND TRANSITIONS AT STRUCTURES
42	DETAILS - TRANSITION AT UNDERPASSES
43	DETAIL -TIRTL TRAFFIC COUNTER
44	STANDARD DETAILS - TEMPORARY HOT-MIX ASPHALT TRANSITIONS
45	STANDARD DETAILS - ROUGH GROOVED SURFACE SIGN; UNEVEN LANE SIGN

STANDARDS

- | | |
|---|---|
| 000001-06_standardsymbolsabbreviations&patterns | 701101-05_offRd0p-MultiLn-LessThan15ftToEOP |
| 001001-02_areasofreinfrebars | 701106-02_offRd0p-MultiLn-MoreThan15ftAway |
| 001006_decimalofinch&foot | 701400-09_ApprchToLnCllosure-FrwyExpwy |
| 442001-04_classapatches | 701401-10_LnCllosureFrwyExpwy |
| 442101-07_classbpatches | 701411-09_LnCllosureMultiLn-EntrOrExitRamp45MPHOrMore |
| 482011-03_hmashldstrips(shlds)wresurforwiden&resurfproj | 701426-09_LnCllosureMultiLn-IntermittantOrMovingOp45MPHOrMore |
| 606001-06_concurrbtypeb&comboconcc&g | 701456-04_PartialExitRampCllosureFreewayExpressway |
| 630001-11_SteelPlateBeamGrd rail | 701901-06_TrafCntrIDevices |
| 630116_BacksideProtectionOfGrd rail | 720011-01_MetalPostsForSignsMrkrs&Delineators |
| 630201-07_PCC-BitStb@SteelPlateBeamGrdRail | 725001-01_0bjectandTerminalMarkers |
| 630301-07_ShldWidenForType1Grd rail Terms | 780001-05_TypicalPvmtMrkings |
| 631011-10_TrafBarTermType2 | 781001-04_TypicalAppRaisedReflcPvmtMrkrs |
| 631031-15_TrafBarTermType6 | 782006_GuardrailandBarrierWallReflectorMountingDetails |
| 635001-02_delineators | |
| 642001-02_ShoulderRumbleStrip16in | |

HMA MIXTURE TABLE

Location(s):	Hot-Mix Asphalt Surface Course
Mixture Use(s):	Polymerized Hot-Mix Asphalt Surface Course, Mix "D", N90
AC/PG:	SBS PG76-22
ABR % (Max):	See Special Provisions
Design Air Voids:	4.0 %, 90 Gyration Design
Mixture (Gradation Mixture)	IL-9.5 mm
Friction Aggregate:	D Surface
Quality Management Program:	PFP

Location(s):	Hot-Mix Asphalt Shoulders & Incidental HMA Surface
Mixture Use(s):	Hot-Mix Asphalt Shoulders, IL-9.5L
AC/PG:	PG64-22
ABR % (Max):	See Special Provisions
Design Air Voids:	4.0 %, 30 Gyration Design
Mixture (Gradation Mixture)	IL 9.5L
Friction Aggregate:	None
Quality Management Program:	QC/OA

Location(s):	Hot-Mix Asphalt Binder Course
Mixture Use(s):	Polymerized Hot-Mix Asphalt Binder, N90, IL-19.0
AC/PG:	SBS PG76-22
ABR % (Max):	See Special Provisions
Design Air Voids:	4.0 %, 90 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-19.0mm
Friction Aggregate:	None
Quality Management Program:	PFP

GENERAL NOTES

THE THICKNESS OF BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX ASPHALT MIXTURE IS PLACED.

COMMITMENTS:
NONE

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL HOT-MIX ASPHALT 2.016 TONS/CU. YD.

BITUMINOUS MATERIALS:

ON PAVEMENT 0.09 GAL./SQ. YD.

INTERMEDIATE LIFTS (FOG COAT) 0.04 GAL./SQ. YD.

ON AGGREGATE SURFACE 0.32 GAL./SQ. YD.

AGGREGATE (PRIME COAT) 0.0015 TONS/SQ. YD.

ALL AGGREGATE 2.05 TONS/CU. YD.

THE QUANTITY OF SHORT TERM PAVEMENT MARKING IS BASED ON ONE APPLICATION EACH FOR THE HMA SURFACE REMOVAL, SURFACE COURSE AND BINDER COURSE.

THE CONTRACTOR SHALL STAMP STATIONING IN THE PROPOSED HOT MIX ASPHALT SHOULDER SURFACE AT 300 FT. INTERVALS ON THE INSIDE EDGE OF OUTSIDE SHOULDER AS DIRECTED BY THE ENGINEER. THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE 5.5 IN. TALL, OF A DESIGN APPROVED BY THE ENGINEER, AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

EXISTING PIPE UNDERDRAIN OUTLETS IN THE FORESLOPES OR MEDIAN SLOPES SHALL BE PRESERVED AND PROTECTED DURING CONSTRUCTION. ANY DAMAGE TO AN UNDERDRAIN OUTLET RESULTING FROM THE CONSTRUCTION ACTIVITY SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS THE RESIDENT ENGINEER SHALL CONTACT THE BUREAU OF OPERATIONS AND ARRANGE FOR INSPECTION AND APPROVAL OF THE PAVEMENT MARKING LAYOUT.

QUANTITIES SHOWN IN THE PLANS FOR PATCHING ARE ESTIMATES. THE ACTUAL AMOUNT OF PATCHING REQUIRED WILL BE DETERMINED BY THE ENGINEER.

IN ADDITION TO THE REQUIREMENTS OF ARTICLE 107.16, THE CONTRACTOR SHALL PROTECT THE SURFACE OF ALL BRIDGE DECKS AND BRIDGE APPROACH PAVEMENTS IN A MANNER SATISFACTORY TO THE ENGINEER BEFORE ANY EQUIPMENT IS ALLOWED TO CROSS THE STRUCTURE. PROTECTION SHALL BE PROVIDED FOR ALL EQUIPMENT AS DEFINED IN ARTICLE 101.17 REGARDLESS IF TRACK MOUNTED OR WHEELED.

RECLAIMED ASPHALT PAVEMENT (RAP) WILL NOT BE ALLOWED FOR USE AS AGGREGATE IN AGGREGATE SHOULDERS, TYPE B.

THE ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT AND SHOULDER SLOPES SHALL NOT EXCEED 8%. THE SHOULDER ON THE OUTSIDE OF SUPERELEVATED CURVES SHALL BE FLATTENED ACCORDINGLY.

AFTER A LIFT OF HOT MIX ASPHALT HAS BEEN PLACED, THE LANE SHALL REMAIN CLOSED

TO TRAFFIC IN ACCORDANCE WITH ARTICLE 701.17(c)(4) AND UNTIL THE NEW MAT HAS COOLED TO 150 DEGREES FAHRENHEIT.

MTD CROSSING RESTRICTIONS TABLE

SN & CENTERLINE STATION ROUTE (I-64)	EXISTING FILL HEIGHT OVER BOX CULVERT	THICKNESS OF EXISTING PAVEMENT OVER BOX CULVERT	MTD CROSSING RESTRICTIONS
	FOOT	FOOT	
CULVERTS			
SN 041-7008 (STA. 2680+93)	12' -0' ''	13' ''	NO RESTRICTION
SN 041-7009 (STA. 2728+00)	13' -0' ''	13' ''	NO RESTRICTION
SN 041-7010 (STA. 2725+50 LT) RAMP A	4' -6' ''	11.25' ''	NO RESTRICTION
SN 041-7011 (STA. 2728+00 RT) RAMP D	7' -6' ''	11.25' ''	NO RESTRICTION
SN 041-7012 (STA. 2864+71)			EMPTY MTD
SN 041-7013 (STA. 2986+00)			EMPTY MTD
SN 041-7014 (STA. 3002+80)			EMPTY MTD
BRIDGES			
SN 041-0067 (STA. 2733+07.98)			EMPTY MTD
SN 041-0068 (STA. 2733+07.98)			EMPTY MTD
SN 041-0089 (STA. 2745+64.79)			EMPTY MTD
SN 041-0090 (STA. 2745+64.79)			EMPTY MTD
SN 041-0087 (STA. 2765+00)			EMPTY MTD
SN 041-0088 (STA. 2765+00)			EMPTY MTD
SN 041-0070 (STA. 2967+86)			EMPTY MTD
SN 041-0071 (STA. 2967+86)			EMPTY MTD

FILE NAME =	USER NAME = knopen	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES AND MTD CROSSING RESTRICTION TABLE	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
						64	(41-BRS-3)	JEFFERSON	45	4	
						CONTRACT NO. 78440					
						ILLINOIS FED. AID PROJECT					
					SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	

SUMMARY OF QUANTITIES

JEFFERSON ✓
FAI 64, I-64 ✓
90% FED, 10% STATE ✓
RURAL ✓
ROADWAY
0005 ✓

CODE NUMBER	ITEM DESCRIPTION	UNIT	
28100807	STONE DUMPED RIPRAP, CLASS A4	TON	165
28100809	STONE DUMPED RIPRAP, CLASS A5	TON	40
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	62,358
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	128,043
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1,724
40600990	TEMPORARY RAMP	SQ YD	623
40603240	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0. N90	TON	22,753
40603545	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	16,423
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	129
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	20,300
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SQ YD	184,752
44000300	CURB REMOVAL	FOOT	80

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SUMMARY OF QUANTITIES - CONT

JEFFERSON
FAI 64, I-64
90% FED, 10% STATE
RURAL
ROADWAY
0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY
44200050	WELDED WIRE REINFORCEMENT	SO YD	128
44200610	CLASS A PATCHES, TYPE II, 13 INCH	SO YD	132
44200612	CLASS A PATCHES, TYPE III, 13 INCH	SO YD	22
44200614	CLASS A PATCHES, TYPE IV, 13 INCH	SO YD	118
44201007	CLASS B PATCHES, TYPE II, 13 INCH	SO YD	59
44201013	CLASS B PATCHES, TYPE IV, 13 INCH	SO YD	128
44201299	DOWEL BARS 1 1/2"	EACH	247
44213000	PATCHING REINFORCEMENT	SO YD	272
44213200	SAW CUTS	FOOT	1,725
44213204	TIE BARS 3/4"	EACH	73
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	4,228
48203100	HOT-MIX ASPHALT SHOULDERS	TON	14,230

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SUMMARY OF QUANTITIES - CONT

JEFFERSON
FAI 64, I-64
90% FED, 10% STATE
RURAL
ROADWAY
0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY
50102400	CONCRETE REMOVAL	CU YD	0.2
50300255	CONCRETE SUPERSTRUCTURE	CU YD	6
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	880
60600605	CONCRETE CURB, TYPE B	FOOT	352
* 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	8,250
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	3
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	22
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	13
63200310	GUARDRAIL REMOVAL	FOOT	8,751
63500105	DELINEATORS	EACH	291
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	128,993
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6

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* SPECIALTY ITEM

SUMMARY OF QUANTITIES - CONT

JEFFERSON
FAI 64, I-64
90% FED, 10% STATE
RURAL
ROADWAY
0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY
67100100	MOBILIZATION	LSUM	1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	6
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	LSUM	1
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	LSUM	1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	10
70300100	SHORT TERM PAVEMENT MARKING	FOOT	33,045
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	13,876
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	138
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	143,970
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	12,150
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	3,465
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	147

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SUMMARY OF QUANTITIES - CONT

JEFFERSON
FAI 64, I-64
90% FED, 10% STATE
RURAL
ROADWAY
0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	13
* 72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	520
* 73400100	CONCRETE FOUNDATIONS	CU YD	1.4
* 78004200	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS	SQ FT	138
* 78004210	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 4"	FOOT	143,970
* 78004230	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6"	FOOT	12,150
* 78004240	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 8"	FOOT	3,465
* 78004280	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24"	FOOT	147
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1,567
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	135
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1,567
X0323388	TRAFFIC COUNTER	EACH	1

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* SPECIALTY ITEM

11/12/17

SUMMARY OF QUANTITIES - CONT

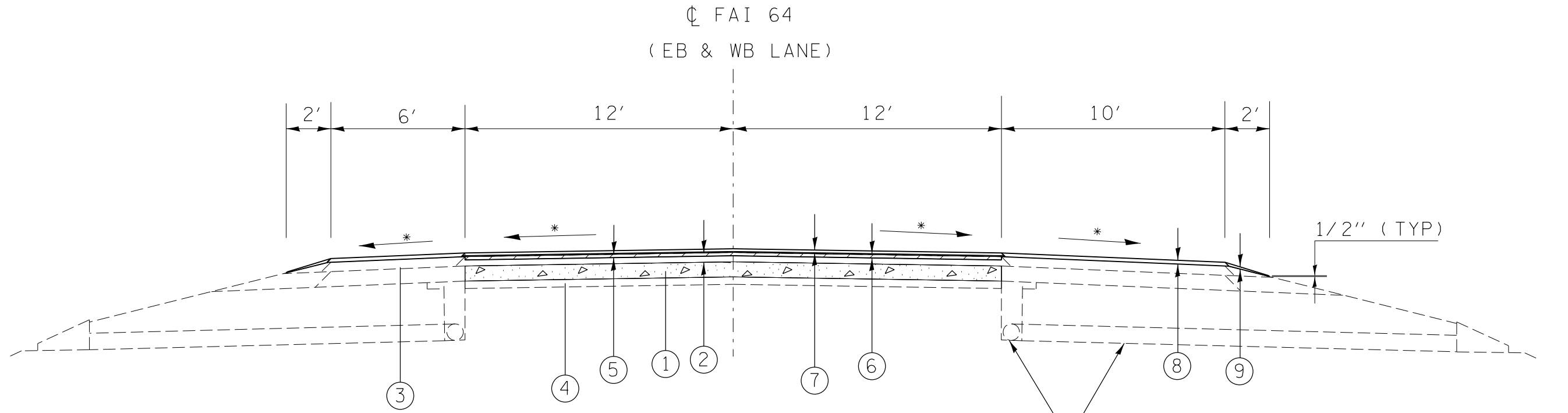
JEFFERSON
FAI 64, I-64
90% FED, 10% STATE
RURAL
ROADWAY
0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY
X0325747	BRIDGE DECK CONCRETE CRACK SEALER	FOOT	14,500
X2503100	MOWING	UNIT	670
X6350120	DELINEATOR REMOVAL	EACH	130
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	56
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SO FT	54,486
Z0021906	SILICONE JOINT SEALER, 1.5"	FOOT	414
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	74,400
Z0034105	MATERIAL TRANSFER DEVICE	TON	39,176
φ Z0076600	TRAINEES	HOURL	500
Z0041895	POLYMER CONCRETE	CU FT	6
φ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOURL	500

φ
9

φ 0042

TYPICAL SECTION
 FAI 64 MAINLINE
 IN DIRECTION OF TRAFFIC
 (NOT TO SCALE)



- EASTBOUND LANES**
- STA. 2669+45.00 TO STA. 2688+86.57
 - STA. 2704+10.71 TO STA. 2724+41.65
 - STA. 2731+81.02 TO STA. 2732+22.87
 - STA. 2734+19.14 TO STA. 2742+92.02
 - STA. 2746+29.40 TO STA. 2763+74.14
 - STA. 2765+91.64 TO STA. 2859+75.42
 - STA. 2888+63.44 TO STA. 2932+12.37
 - STA. 2960+25.33 TO STA. 2963+68.33
 - STA. 2966+70.97 TO STA. 2969+67.81
 - STA. 2990+84.53 TO STA. 3004+00.00

- WESTBOUND LANES**
- STA. 2669+45.00 TO STA. 2688+86.57
 - STA. 2704+10.71 TO STA. 2724+41.65
 - STA. 2731+62.64 TO STA. 2732+06.04
 - STA. 2733+99.82 TO STA. 2743+05.69
 - STA. 2746+38.89 TO STA. 2764+08.36
 - STA. 2766+25.86 TO STA. 2880+83.00
 - STA. 2888+63.44 TO STA. 2932+12.37
 - STA. 2960+25.33 TO STA. 2963+68.33
 - STA. 2966+70.97 TO STA. 2969+67.81
 - STA. 2990+84.53 TO STA. 3004+00.00

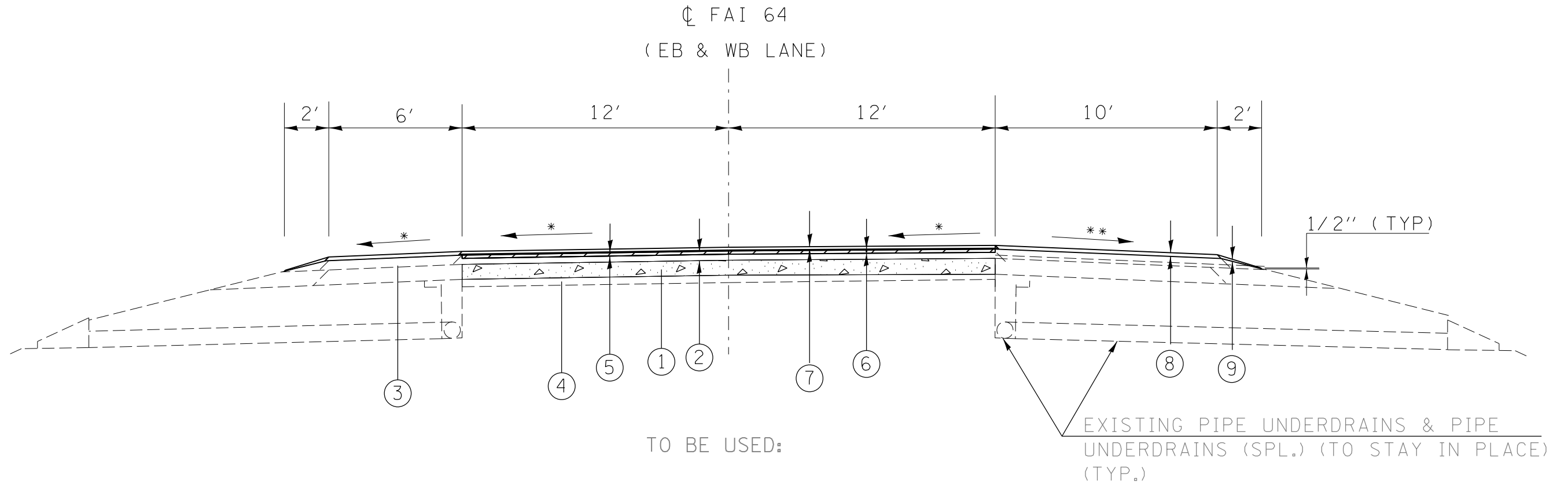
- ① EXISTING CRC PAVEMENT 8"
- ② EXISTING BIT SURFACE AND BINDER (5")
- ③ EXISTING HMA SHOULDERS 13"
- ④ EXISTING STABILIZED SUB-BASE (4")
- ⑤ HMA SURFACE REMOVAL, 1 3/4"
- ⑥ POLY. HMA BINDER COURSE, IL-19.0, N90, 2 1/4"
- ⑦ POLY. HMA SURFACE COURSE, MIX. D, N90, 1 1/2"
- ⑧ HMA SHOULDERS (2") (SEE MIX. REQ'S. SH. 3)
- ⑨ AGGREGATE WEDGE SHOULDERS, TY B

EXISTING PIPE UNDERDRAINS & PIPE UNDERDRAINS (SPL.) (TO STAY IN PLACE) (TYP.)

* MATCH EXISTING SLOPE

FILE NAME =	USER NAME = knopen	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINLINE TYPICAL SECTIONS			F.A.I. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 9\Projects\78440\CAD\Drawings\78440-shb-typ.sch	DRAWN -	CHECKED -	REVISED -					64	(41-BRS-3)	JEFFERSON	45	11
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	REVISED -		CONTRACT NO. 78440			ILLINOIS FED. AID PROJECT				
PLOT DATE = 2/2/2017	DATE -	REVISED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	

TYPICAL SECTION
 FAI 64 MAINLINE
 IN DIRECTION OF TRAFFIC
 (NOT TO SCALE)



EASTBOUND LANES
 STA. 2688+86.57 TO STA. 2704+10.71
 STA. 2932+12.37 TO STA. 2960+25.33

WESTBOUND LANES
 STA. 2688+86.57 TO STA. 2704+10.71
 STA. 2932+12.37 TO STA. 2960+25.33

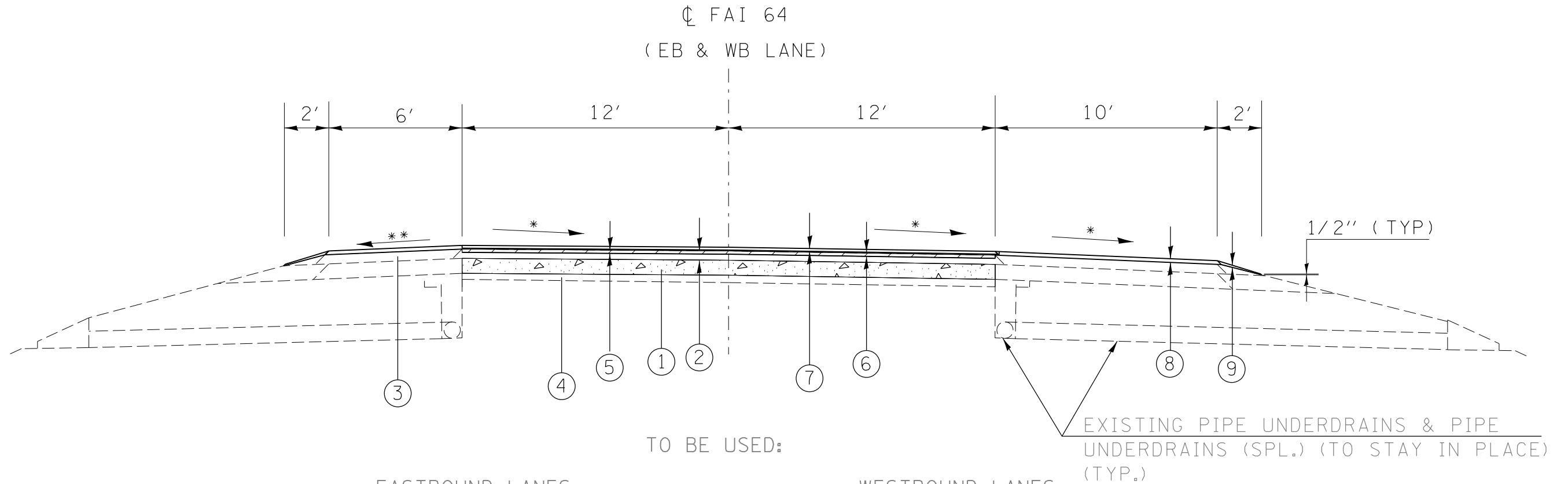
* MATCH EXISTING SLOPE
 ** ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT AND SHOULDER SLOPE SHALL NOT EXCEED 8%. SHOULDER SLOPE MAY NEED ADJUSTED TO ACHIEVE MAX 8% BREAKOVER.

- ① EXISTING CRC PAVEMENT 8"
- ② EXISTING BIT SURFACE AND BINDER (5")
- ③ EXISTING HMA SHOULDERS 13"
- ④ EXISTING STABILIZED SUB-BASE (4")
- ⑤ HMA SURFACE REMOVAL, 1 3/4"

- ⑥ POLY. HMA BINDER COURSE, IL-19.0, N90, 2 1/4"
- ⑦ POLY. HMA SURFACE COURSE, MIX. D, N90, 1 1/2"
- ⑧ HMA SHOULDERS (2") (SEE MIX. REQ'S. SHT. 3)
- ⑨ AGGREGATE WEDGE SHOULDERS, TY B

FILE NAME =	USER NAME = knopen	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINLINE TYPICAL SECTIONS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PWIDOT\Documents\IDOT Offices\District 9\Projects\78440\Drawings\CABsheets\78440-shb-tpg.sch	DESIGNED -	REVISED -	64					(41-BRS-3)	JEFFERSON	45	12	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 78440									
PLOT DATE = 2/2/2017	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									

TYPICAL SECTION
 FAI 64 MAINLINE
 IN DIRECTION OF TRAFFIC
 (NOT TO SCALE)



TO BE USED:

EASTBOUND LANES
 STA. 2724+41.65 TO STA. 2731+81.02
 STA. 2859+75.42 TO STA. 2880+83.00
 STA. 2880+83.00 TO STA. 2888+63.44
 STA. 2963+68.33 TO STA. 2966+70.97
 STA. 2969+67.81 TO STA. 2990+84.53

WESTBOUND LANES
 STA. 2724+41.64 TO STA. 2731+62.64
 STA. 2859+75.42 TO STA. 2880+83.00
 STA. 2880+83.00 TO STA. 2888+63.44
 STA. 2963+68.33 TO STA. 2966+09.16
 STA. 2968+95.74 TO STA. 2990+84.53

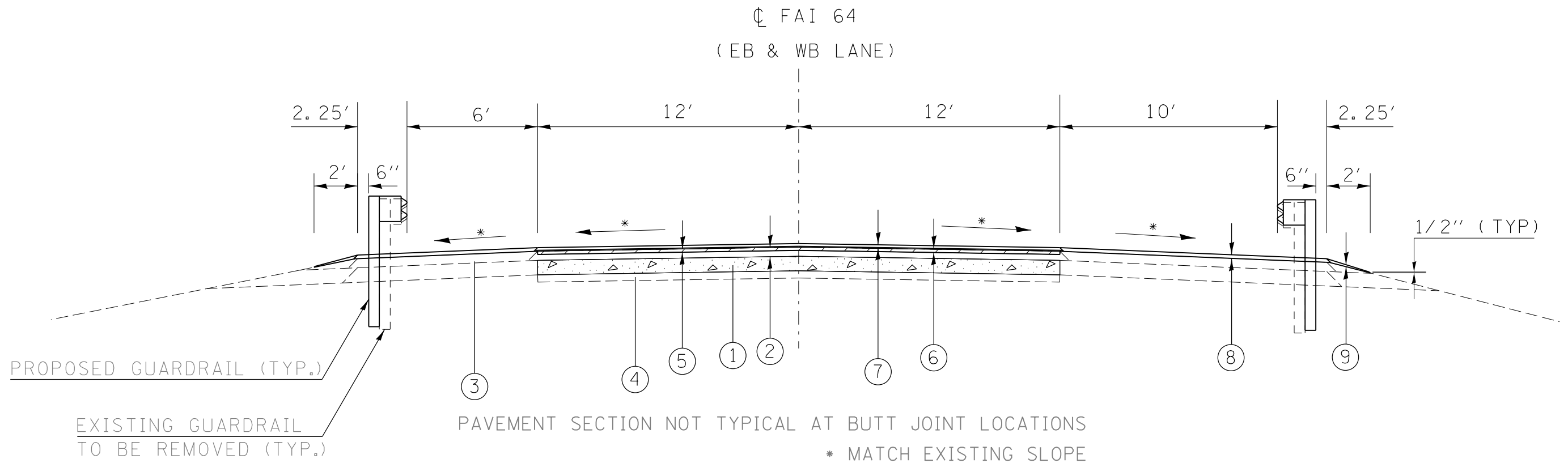
* MATCH EXISTING SLOPE
 ** ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT AND SHOULDER SLOPE SHALL NOT EXCEED 8%. SHOULDER SLOPE MAY NEED ADJUSTED TO ACHIEVE MAX 8% BREAKOVER.

- ① EXISTING CRC PAVEMENT 8"
- ② EXISTING BIT SURFACE AND BINDER (5")
- ③ EXISTING HMA SHOULDERS 13"
- ④ EXISTING STABILIZED SUB-BASE (4")
- ⑤ HMA SURFACE REMOVAL, 1 3/4"

- ⑥ POLY. HMA BINDER COURSE, IL-19.0, N90, 2 1/4"
- ⑦ POLY. HMA SURFACE COURSE, MIX. D, N90, 1 1/2"
- ⑧ HMA SHOULDERS (2") (SEE MIX. REQ'S. SHT. 3)
- ⑨ AGGREGATE WEDGE SHOULDERS, TY B

FILE NAME =	USER NAME = knopen	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINLINE TYPICAL SECTIONS			F.A.I. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 9\Projects\78440\Drawings\CABsheets\78440-shb-typ.sch	DESIGNED -	REVISED -	64					(41-BRS-3)	JEFFERSON	45	13	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 78440									
PLOT DATE = 2/2/2017	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									

TYPICAL SECTION
 FAI 64 MAINLINE
 WITHIN LIMITS OF PROPOSED GUARDRAIL
 IN DIRECTION OF TRAFFIC
 (NOT TO SCALE)



PAVEMENT SECTION NOT TYPICAL AT BUTT JOINT LOCATIONS
 * MATCH EXISTING SLOPE

WESTBOUND LANES
 OUTSIDE PROP. GUARDRAIL
 STA. 2730+97 TO STA. 2732+02
 STA. 2733+95 TO STA. 2743+00
 STA. 2766+45 TO STA. 2768+75

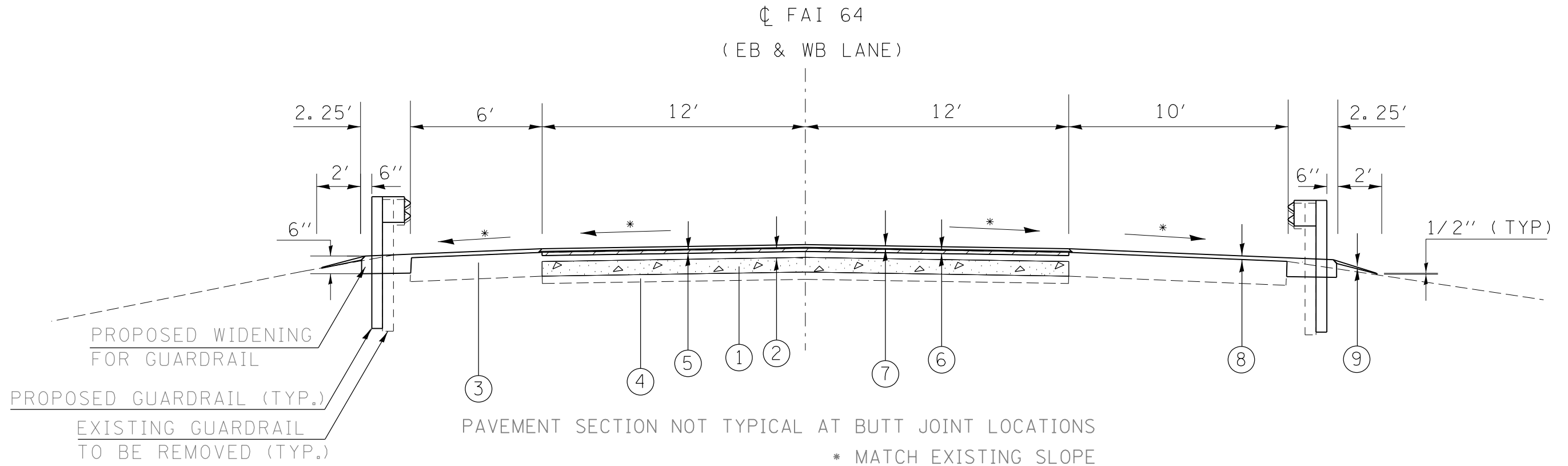
TO BE USED:

EASTBOUND LANES
 OUTSIDE PROP. GUARDRAIL
 STA. 2729+97 TO STA. 2732+22
 STA. 2734+25 TO STA. 2742+79
 STA. 2746+40 TO STA. 2763+57

- ① EXISTING CRC PAVEMENT 8"
- ② EXISTING BIT SURFACE AND BINDER (5")
- ③ EXISTING HMA SHOULDERS 13"
- ④ EXISTING STABILIZED SUB-BASE (4")
- ⑤ HMA SURFACE REMOVAL, 1 3/4"
- ⑥ POLY. HMA BINDER COURSE, IL-19.0, N90, 2 1/4"
- ⑦ POLY. HMA SURFACE COURSE, MIX. D, N90, 1 1/2"
- ⑧ HMA SHOULDERS (2") (SEE MIX. REQ'S. SHT. 3)
- ⑨ AGGREGATE WEDGE SHOULDERS, TY B

FILE NAME =	USER NAME = knopen	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINLINE TYPICAL SECTIONS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PWIDOT\Documents\IDOT Offices\District 9\Projects\78440\DRAWING\CABsheets\78440-shb-typ.sch	PLLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -					64	(41-BRS-3)	JEFFERSON	45	14
PLOT DATE = 2/2/2017	DATE -	REVISED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 78440				
ILLINOIS FED. AID PROJECT												

TYPICAL SECTION
 FAI 64 MAINLINE
 WITHIN LIMITS OF PROPOSED GUARDRAIL
 IN DIRECTION OF TRAFFIC
 (NOT TO SCALE)



PAVEMENT SECTION NOT TYPICAL AT BUTT JOINT LOCATIONS

* MATCH EXISTING SLOPE

WESTBOUND LANES

TO BE USED:

EASTBOUND LANES

OUTSIDE PROP. GUARDRAIL
 STA. 2746+54 TO STA. 2759+34
 STA. 2968+42 TO STA. 2975+42

INSIDE PROP. GUARDRAIL
 STA. 2730+97 TO STA. 2732+02
 STA. 2734+03 TO STA. 2736+71
 STA. 2746+50 TO STA. 2749+18
 STA. 2766+30 TO STA. 2768+98
 STA. 2968+72 TO STA. 2971+73

INSIDE PROP. GUARDRAIL
 STA. 2729+52 TO STA. 2732+21
 STA. 2740+17 TO STA. 2742+86
 STA. 2761+03 TO STA. 2763+71
 STA. 2964+09 TO STA. 2967+11

OUTSIDE PROP. GUARDRAIL
 STA. 2963+22 TO STA. 2967+25
 STA. 2969+46 TO STA. 2980+81

① EXISTING CRC PAVEMENT 8"

② EXISTING BIT SURFACE AND BINDER (5")

③ EXISTING HMA SHOULDERS 13"

④ EXISTING STABILIZED SUB-BASE (4")

⑤ HMA SURFACE REMOVAL, 1 3/4"

⑥ POLY. HMA BINDER COURSE, IL-19.0, N90, 2 1/4"

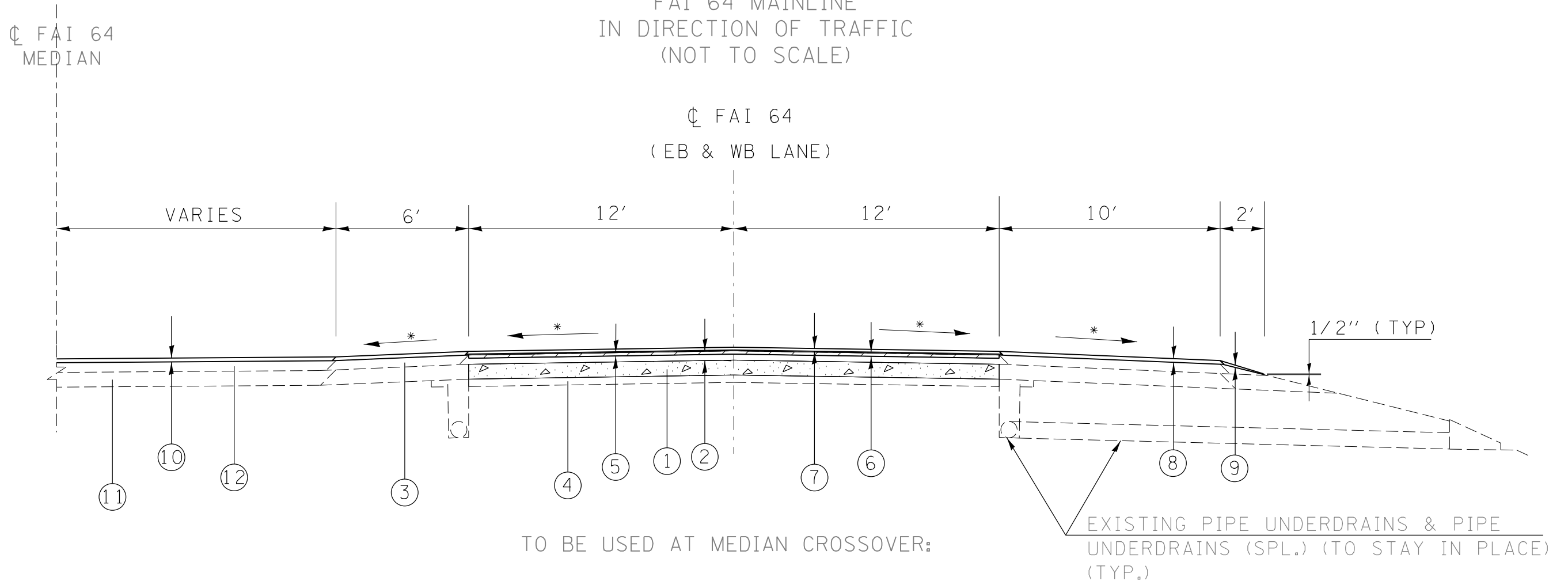
⑦ POLY. HMA SURFACE COURSE, MIX. D, N90, 1 1/2"

⑧ HMA SHOULDERS (2") (SEE MIX. REQ'S. SHT. 3)

⑨ AGGREGATE WEDGE SHOULDERS, TY B

FILE NAME =	USER NAME = knopen	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINLINE TYPICAL SECTIONS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 9\Projects\78440\CAD\Drawings\78440-shb-typ.sch	DESIGNED -	REVISED -	64					(41-8RS-3)	JEFFERSON	45	15	
PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -	CONTRACT NO. 78440									
PLOT DATE = 2/2/2017	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									

TYPICAL SECTION
FAI 64 MAINLINE
IN DIRECTION OF TRAFFIC
(NOT TO SCALE)



TO BE USED AT MEDIAN CROSSOVER:

STA. 2686+83
STA. 2784+96
STA. 2995+04

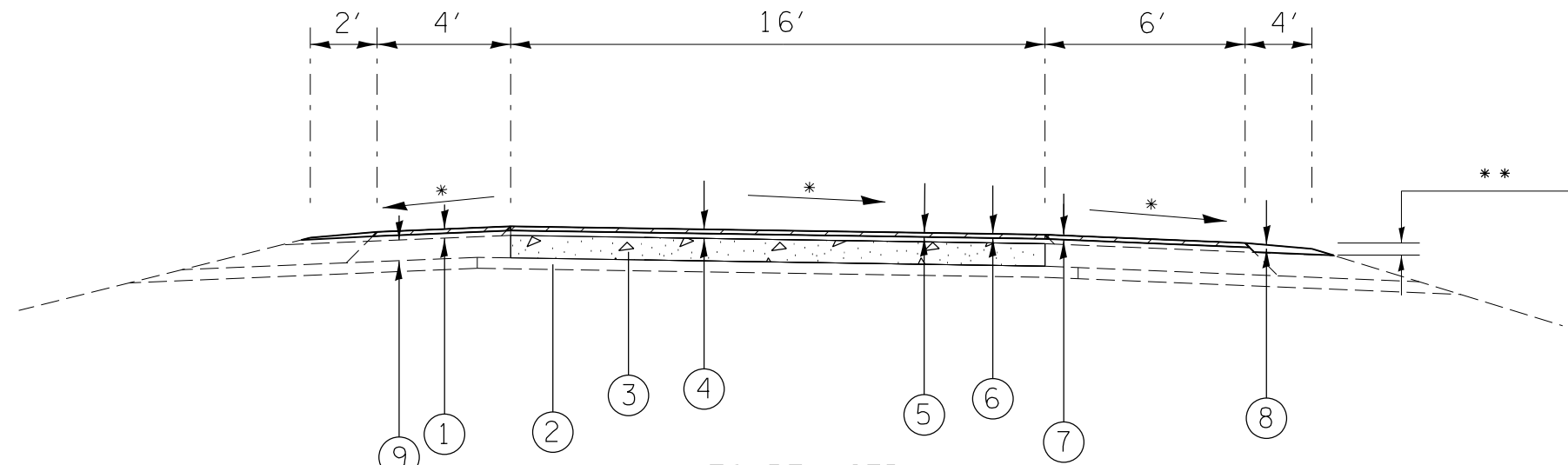
EXISTING PIPE UNDERDRAINS & PIPE UNDERDRAINS (SPL.) (TO STAY IN PLACE) (TYP.)

* MATCH EXISTING SLOPE

- | | |
|---|---|
| ① EXISTING CRPCC PAVEMENT 8" | ⑦ POLY. HMA SURFACE COURSE, MIX. D, N90, 1 1/2" |
| ② EXISTING BIT SURFACE AND BINDER (5") | ⑧ HMA SHOULDERS (2") (SEE MIX. REQ'S., SH. 3) |
| ③ EXISTING HMA SHOULDERS 13" | ⑨ AGGREGATE WEDGE SHOULDERS, TY B |
| ④ EXISTING STABILIZED SUB-BASE (4") | ⑩ INCIDENTAL HMA SURFACING (2") |
| ⑤ HMA SURFACE REMOVAL, 1 3/4" | ⑪ EXISTING AGGREGATE BASE |
| ⑥ POLY. HMA BINDER COURSE, IL-19.0, N90, 2 1/4" | ⑫ EXISTING HMA SURFACE 5" |

FILE NAME =	USER NAME = knopen	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS AT MEDIAN CROSSOVERS				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBID\INTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 9\Projects\78440\Drawings\CABsheets\78440-shb-typ.sch		CHECKED -	REVISED -		64	(41-BRS-3)	JEFFERSON	45	16				
PLOT SCALE = 100.0000' / in.		DATE -	REVISED -		CONTRACT NO. 78440				ILLINOIS FED. AID PROJECT				
PLOT DATE = 2/2/2017					SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.		

TYPICAL SECTION
 FAI 64/IL 37 INTERCHANGE RAMPS
 (NOT TO SCALE)



TO BE USED:

RAMP A
 STA. 2732+06.00 TO STA. 143+93.50
 RAMP C
 STA. 301+49.00 TO STA. 2732+22.87

RAMP B
 STA. 201+10.00 TO STA. 2706+12.80
 RAMP D
 STA. 2710+71.13 TO STA. 435+51.00

* MATCH EXISTING SLOPE
 ** EXISTING AGGREGATE SHOULDER
 2" LOWER THAN EXISTING SHOULDER

- ① EXISTING HMA SHOULDERS (3 1/4")
- ② EXISTING STABILIZED SUB-BASE (4")
- ③ EXISTING PCC PAVEMENT 9"
- ④ EXISTING BIT SURFACE AND BINDER (3 1/4")
- ⑤ HMA SURFACE REMOVAL, 1 1/2"
- ⑥ POLY. HMA SURFACE COURSE, MIX. D, N90, 1 1/2"
- ⑦ HMA SHOULDERS (1 1/2") (SEE MIX. REQ'S., SHT. 3)
- ⑧ AGGREGATE WEDGE SHOULDERS, TY B
- ⑨ EXISTING STABILIZED SHOULDER (B.A.M.) (8")

FILE NAME =	USER NAME = knopen	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS I-64/IL 37 INTERCHANGE RAMPS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 9\Projects\78440\CAD\Drawings\78440-shb-typ.sch		CHECKED -	REVISED -		64	(41-BRS-3)	JEFFERSON	45	17			
PLOT SCALE = 100.0000' / 1"		DATE -	REVISED -		CONTRACT NO. 78440			ILLINOIS FED. AID PROJECT				
PLOT DATE = 2/2/2017					SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	

PAVEMENT RESURFACING SCHEDULE - MAINLINE

EASTBOUND LANES

LOCATION STATION TO STATION			LENGTH (INFO ONLY)	TEMP. RAMPS	HMA SURFACE REMOVAL - BUTT JOINT	HMA SURFACE REMOVAL - 1 3/4"	POLY HMA SURFACE COURSE 1 1/2"	POLY HMA BINDER COURSE 2 1/4"	INCIDENTAL HMA SURFACING	POLY. BIT. MAT' LS	BIT. MAT' LS	LONG. JOINT SEALANT	NOTES
FAI 64 (I-64) EASTBOUND			FEET	SQ YD	SQ YD	SQ YD	TON	TON	TON	POUND	POUND	FOOT	
	2669+45	TO	2670+25	80	33	356		18	27		144	80	Beginning Butt Joint
LT.	2686+82								23		90		Median Xover
	2670+25	TO	2710+64	4039		10771	905	1358	7	7270		4039	
	2710+64	TO	2717+31	667		3114	262	393		2102		667	
	2717+31	TO	2727+87	1056		2816	237	355		1901		1056	
	2727+87	TO	2732+24	437		2146	202	271		1449		437	
SN 041-0068 STA. 2732+24.09 TO STA. 2734+18.91					42								2 - Transition Joint @ 80'
	2734+19	TO	2742+93	874		2813	243	316		1848		874	
SN 041-0090 STA. 2742+93.38 TO STA. 2746+29.40					27								2 - Transition Joint @ 80'
	2746+29	TO	2763+78	1748		4662	415	583		3248		1748	
SN 041-0088 STA. 2763+77.78 TO STA. 2765+91.64					27								2 - Transition Joint @ 80'
LT.	2784+96								23		90		Median Xover
	2765+92	TO	2823+18	5726		15270	1286	1908		10286		5726	
	2823+18	TO	2823+98	80		214	18	27		144		80	
	2823+98	TO	2825+98	200		534	45	68	7	360		200	Under SN 041-0066
	2825+98	TO	2826+78	80		214	18	27		144		80	
	2826+78	TO	2855+70	2892		7712	648	972		5206		2892	
	2855+70	TO	2856+50	80		214	18	27		144		80	
	2856+50	TO	2858+50	200		534	45	68		360		200	Under SN 041-0062
	2858+50	TO	2859+30	80		214	18	27		144		80	
	2859+30	TO	2867+84	854		2278	192	287		1537		854	
	2867+84	TO	2874+33	649	24	151	3008	253	379	2030		649	Rest Stop Ent. Ramp
	2874+33	TO	2892+04	1771		4723	397	596		3188		1771	
	2892+04	TO	2903+45	1141	24	151	4779	402	603	3226		1141	Rest Stop Exit Ramp
	2903+45	TO	2932+48	2903		7742	651	976		5225		2903	
	2932+48	TO	2933+28	80		214	18	27		144		80	
	2933+28	TO	2935+28	200		534	45	68		240		200	Under SN 041-0063
	2935+28	TO	2936+08	80		214	18	27		144		80	
	2936+08	TO	2967+25	3117		8312	701	1032		5590		3117	
SN 041-0070 STA 2967+25 TO STA 2969+19				194	32								2 - Transition Joint @ 80'
LT.	2995+04								23		90		Median Xover
	2969+19	TO	3003+20	3401		9070	762	1143		6122		3401	
	3003+20	TO	3004+00	80	33	356		18	27	144		80	Ending Butt Joint
EASTBOUND TOTALS					242	1013	92102	7835	11592	83	62340	32786	32516

WESTBOUND LANES

LOCATION STATION TO STATION			LENGTH (INFO ONLY)	TEMP. RAMPS	HMA SURFACE REMOVAL - BUTT JOINT	HMA SURFACE REMOVAL - 1 3/4"	POLY HMA SURFACE COURSE 1 1/2"	POLY HMA BINDER COURSE 2 1/4"	INCIDENTAL HMA SURFACING	POLY. BIT. MAT' LS	BIT. MAT' LS	LONG. JOINT SEALANT	NOTES
FAI 64 (I-64) WESTBOUND			FEET	SQ YD	SQ YD	SQ YD	TON	TON	TON	POUND	POUND	FOOT	
2669+45	TO	2670+25	80	33	356		18	27		144		80	Beginning Butt Joint
2670+25	TO	2706+12	3587			9566	804	1206		6457		3587	
2706+12	TO	2716+87	1075			4218	355	532		2847		1075	
2716+87	TO	2727+79	1092			2912	245	367		1966		1092	
2727+79	TO	2732+08	429			2273	196	261		1501		429	
SN 041-0067 STA. 2732+07.94 TO STA. 2734+00.50			193	39									2 - Transition Joint @ 80'
2734+01	TO	2743+07	907			2419	209	273		1590		907	
SN 041-0089 STA. 2743+07.28 TO STA. 2746+38.89			332	27									2 - Transition Joint @ 80'
2746+39	TO	2764+11	1772			4726	403	564		3148		1772	
SN 041-0087 STA. 2764+10.94 TO STA. 2766+25.86			215	27									2 - Transition Joint @ 80'
2766+26	TO	2823+11	5685			15161	1277	1895	14	10213		5685	
2823+11	TO	2823+91	80			214	18	27		144		80	
2823+91	TO	2825+91	200			534	45	68		360		200	Under SN 041-0066
2825+91	TO	2826+71	80			214	18	27		144		80	
2826+71	TO	2855+32	2861			7629	641	962		5149		2861	
2855+32	TO	2856+12	80			214	18	27		144		80	
2856+12	TO	2858+12	200			534	45	68		360		200	Under SN 041-0062
2858+12	TO	2858+92	80			214	18	27		144		80	
2858+92	TO	2932+48	7356			19616	1648	2472		13241		7356	
2932+48	TO	2933+28	80			214	18	27		144		80	
2933+28	TO	2935+28	200			534	45	68		360		200	Under SN 041-0063
2935+28	TO	2936+08	80			214	18	27		144		80	
2936+08	TO	2966+92	3084			8224	694	1021		5530		3084	
SN 041-0071 STA 2966+92 TO STA 2968+82				32									2 - Transition Joint @ 80'
2968+82	TO	3003+20	3438			9168	771	1156		6188		3438	
3003+20		3004+00	80	33	356		18	27		144		80	Ending Butt Joint
WESTBOUND TOTALS				192	711	88798	7522	11129	14	60062		32526	

SHOULDER RESURFACING SCHEDULE - MAINLINE
EASTBOUND LANES

LOCATION STATION TO STATION	LENGTH (INFO ONLY) FEET	HMA SURFACE REMOVAL 1 3/4" SQ YD	SHOULDERS				BIT. MAT' LS. POUND	SHOULDER RUMBLE STRIP	
			HOT-MIX ASPHALT		AGGREGATE			RT.	LT.
			10' OUTSIDE (RT.)	6' INSIDE (LT.)	2' WEDGE OUTSIDE	2' WEDGE INSIDE			
FAI 64 (I-64) EASTBOUND									
2669+45 TO 2670+25	80		10	6	3	3	64	80	80
2670+25 TO 2710+64	4039		503	302	103	103	3231	4039	4039
2710+64 TO 2717+31	667			50		17	534		667
2717+31 TO 2727+87	1056		132	79	27	27	845	1056	1056
2727+87 TO 2732+24	437			56		12	350		431
SN 041-0068 STA. 2732+24 TO STA. 2734+19									
2734+19 TO 2742+93	874		109	88	23	23	699	874	874
SN 041-0090 STA. 2742+93 TO STA. 2746+29									
2746+29 TO 2763+78	1749		218	154	45	45	1399	1749	1749
SN 041-0088 STA. 2763+81 TO STA. 2765+92									
2765+92 TO 2823+18	5726		713	428	145	145	4581	5726	5726
2823+18 TO 2823+98	80	143	15	9	3	3	64	80	80
2823+98 TO 2825+98	200	356	25	3	6	6	160	200	200
2825+98 TO 2826+78	80	143	15	9	3	3	64	80	80
2826+78 TO 2855+70	2892		360	216	74	74	2314	2892	2892
2855+70 TO 2856+50	80	143	15	9	3	3	64	80	80
2856+50 TO 2858+50	200	356	25	3	6	6	160	200	200
2858+50 TO 2859+30	80	143	15	9	3	3	64	80	80
2859+30 TO 2867+84	854		107	64	22	22	683	854	854
2867+84 TO 2874+33	649		49	49	17	17	519	649	649
2874+33 TO 2892+04	1771		221	133	45	45	1417	1771	1771
2892+04 TO 2903+45	1141		167	86	29	29	913	1141	1141
2903+45 TO 2932+48	2903		362	217	74	74	2322	2903	2903
2932+48 TO 2933+28	80	143	15	9	3	3	64	80	80
2933+28 TO 2935+28	200	356	25	3	6	6	160	200	200
2935+28 TO 2936+08	80	143	15	9	3	3	64	80	80
2936+08 TO 2967+25	3117		422	259	79	79	2494	3117	3117
SN 041-0070 STA. 2967+25 TO STA. 2969+19									
2969+19 TO 3004+00	3481		529	260	89	89	2785	3481	3481
EASTBOUND TOTALS		1926	4067	2510	811	840	26013	31412	32511

WESTBOUND LANES

LOCATION STATION TO STATION	LENGTH (INFO ONLY)	HMA SURFACE REMOVAL 1 3/4"	SHOULDERS				BIT. MAT'LS. POUND	SHOULDER RUMBLE STRIP			
			HOT-MIX ASPHALT		AGGREGATE			RT.	LT.		
			10' OUTSIDE (LT.)	6' INSIDE (RT.)	2' WEDGE OUTSIDE	2' WEDGE INSIDE					
FAI 64 (I-64) WESTBOUND	FEET	SQ YD	TON	TON	TON	TON	FOOT	FOOT			
2669+45 TO 2670+25	80		10	6	3	3	64	80	80		
2670+25 TO 2706+12	3587		447	268	91	91	2870	3587	3587		
2706+12 TO 2716+87	1075			81		28	323	1075	1075		
2716+87 TO 2727+79	1092		136	82	28	28	874	1092	1092		
2727+79 TO 2732+08	429			41		11	129	429	429		
SN 041-0067 - STA. 2732+08 TO STA. 2734+01											
2734+01 TO 2743+07	906		113	91	23	23	725	906	906		
SN 041-0089 - STA. 2743+07 TO STA. 2746+37											
2746+37 TO 2764+19	1782		330	156	46	46	1426	1782	1782		
SN 041-0087 - STA. 2764+19 TO STA. 2766+26											
2766+26 TO 2823+11	5685		708	448	144	144	4548	5685	5685		
2823+11 TO 2823+91	80	143	15	9	3	3	64	80	80		
2823+91 TO 2825+91	200	356	25	3	6	6	160	200	200		
2825+91 TO 2826+71	80	143	15	9	3	3	64	80	80		
2826+71 TO 2855+32	2861		357	214	73	73	2289	2861	2861		
2855+32 TO 2856+12	80	143	15	9	3	3	64	80	80		
2856+12 TO 2858+12	200	356	25	3	6	6	160	200	200		
2858+12 TO 2858+92	80	143	15	9	3	3	64	80	80		
2858+92 TO 2932+48	7356		916	550	187	187	5885	7356	7356		
2932+48 TO 2933+28	80	143	15	9	3	3	64	80	80		
2933+28 TO 2935+28	200	356	25	3	6	6	160	200	200		
2935+28 TO 2936+08	80	143	15	9	3	3	64	80	80		
2936+08 TO 2966+92	3084		384	231	79	79	2467	3084	3084		
SN 041-0071 STA. 2966+92 TO STA. 2968+82											
2968+82 TO 3004+00	3518		497	288	90	90	2814	3518	3518		
WESTBOUND TOTALS				1926	4063	2519	800	839	25276	32535	32535

SHOULDER RESURFACING SCHEDULE - RAMPS
I-64/IL37 INTERCHANGE RAMPS

LOCATION STATION TO STATION	LENGTH (INFO ONLY)	HMA SURFACE REM 1-1/2"	SHOULDERS				BIT. MAT' LS.	NOTES		
			HOT-MIX ASPHALT		AGGREGATE					
			6' (RT.)	4' (LT.)	4' WEDGE (RT.)	2' WEDGE (LT.)				
RAMP A (I-64) WESTBOUND			FEET	SOYD	TON	TON	TON	TON	POUND	
2732+08 TO 2727+79	429		32		11				129	2' AGGREGATE WEDGE (RT)
STA. 2727+78 = STA. 127+53										
127+53 TO 128+33	80	89	6	4	9	3			40	
128+34.38 TO 143+12.42	1478	1643	111	74	150	38			739	
143+12.42 TO 143+93.5	81	156	13	5	9	3			41	
RAMP B (I-64) WESTBOUND										
201+10 TO 202+26	116	195	17	6	14	3			88	
202+26 TO 218+15	1589	1766	119	80	161	41			794	
218+15 TO 218+95	80	89	6	4	9	3			40	
STA. 218+91.96 = STA. 2716+85.40										
2716+87 TO 2706+12	1073		79		27				314	2' AGGREGATE WEDGE (RT)
RAMP C (I-64) EASTBOUND										
301+49 TO 303+00	151	248	21	8	17	4			112	
303+00 TO 315+58	1258	1398	94	63	128	32			629	
315+58 TO 316+38	80	89	6	4	9	3			40	
STA. 316+38 = STA. 2727+87.75										
2727+87 TO 2732+24	437		33		11				130	2' AGGREGATE WEDGE (RT)
RAMP D (I-64) EASTBOUND										
2710+64 TO 2717+31	667		50		17				200	2' AGGREGATE WEDGE (RT)
STA. 2717+29.94 = STA. 417+29.69										
417+30 TO 418+10	80	89	6	4	9	3			40	
418+10 TO 434+71	1661	1846	125	83	169	43			831	
434+71 TO 435+51	80	149	13	5	9	3			67	
RAMP TOTALS			7757	731	340	759	179	4231		

SUMMARY OF SHOULDER CALCULATIONS FOR FAI 64 MAINLINE AND RAMPS

	HMA SURFACE REMOVAL 1 1/2"	HMA SURFACE REMOVAL 1 3/4"	SHOULDERS				BIT. MAT' LS.	SHOULDER RUMBLE STRIP	
			HOT-MIX ASPHALT		AGGREGATE			FOOT	FOOT
			(RT.)	(LT.)	2' WEDGE OUTSIDE	2' WEDGE INSIDE			
			SO YD	SO YD	TON	TON		TON	TON
FAI 64 EASTBOUND LANES		1926	4067	2510	811	840	64	31412	32511
FAI 64 WESTBOUND LANES		1926	4063	2519	800	839	25276	32535	32535
I-64/IL 37 INTERCHANGE RAMPS	7757		731	340	247	179	4231		
SUBTOTALS	7757		8861	5369	1858	1858	29571	63948	65046
PROJECT TOTALS	7757	3852	14230		3716		29571	128993	

PAVEMENT MARKING SCHEDULE
EASTBOUND PAVEMENT MARKING

LOCATION STATION TO STATION	TEMP. PAVEMENT MARKING - 4"		TEMP PAV' T MARKING - 6"	TEMP PAV' T MARKING - 8"	TEMP PAV' T MARKING - 24"	TEMP PAV' T MARKING	SHORT-TERM PAVT MRK - LINE 4"		SHORT-TERM PVT MRK - LINE 6"	SHORT TERM PAVEMENT MARKING REMOVAL	TEMP PAVEMENT MARKING REMOVAL
	PREFORMED PLASTIC LINE 4"		PREFORMED PLASTIC LINE 6"	PREFORMED PLASTIC LINE 8"	PREFORMED PLASTIC LINE 24"	PREFORMED PLASTIC LETTERS & SYMBOLS	SHORT-TERM PAVT MRK - LINE 4"				
	SOLID YELLOW	SOLID WHITE					SOLID YELLOW	SOLID WHITE			
	LT. EDGE OF PAVT.	RT. EDGE OF PAVT.	WHITE (SKIP-DASH)	SOLID WHITE	STOP BARS @ IL 37	SOLID WHITE (ARROWS)	LT. SHLD. DIAG. STRIPE	RT. SHLD. DIAG. STRIPE	MAINLINE SKIP-DASH		
FAI 64 (I-64) EASTBOUND	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT	FOOT	SQ FT	SQFT
MAINLINE											
2669+45 TO 2732+36	6291	4311	1573	1406			755	755	1887	1447	5258
STR. NO. 041-0068											
2734+09 TO 2742+97	888	888	222				107	107	266	204	703
STR. NO. 041-0090											
2746+34 TO 2763+90	1756	1756	439				211	211	527	404	1390
STR. NO. 041-0088											
2766+00 TO 2967+24	20124	20223	5031	717			2415	2415	6037	4629	16443
STR. NO. 041-0070											
2969+18 TO 3004+00	3482	3482	871				418	418	1045	801	435
IL 37 EXIT RAMP D											
2710+71 TO 2717+30	321	665						53		18	329
2717+29.94 = RAMP D STA. 417+29.69											
417+30 TO 434+71	1739	1739				25	146	146		97	1184
434+71 TO 435+51	87	100			71	32					236
IL 37 ENTRANCE RAMP C											
301+49 TO 302+99	153	162				12	18	18		12	117
302+99 TO 316+35	1339	1339					160	160		107	893
RAMP C STA. 316+34.77 = 2727+87.75											
2727+88 TO 2732+23		303						36		12	101
SUBTOTALS											
	36180	34968					4229	4318	9762		
EASTBOUND TOTALS											
	71148		8135	2123	71	69	18310			7730	27089

GUARDRAIL SCHEDULE

STATION TO STATION I-64 EASTBOUND	GUARDRAIL REMOVAL	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 6	TRAFFIC BARRIER TERMINAL, TYPE 2	TERMINAL MARKER- DIRECT APPLIED	GUARDRAIL MARKERS, TYPE A	CONCRETE CURB, TYPE B	CURB REMOVAL
	FOOT	EACH	FOOT	EACH	EACH	EACH	EACH	FOOT	FOOT
<u>I-64 EASTBOUND OUTSIDE SHOULDER</u>									
STA. 2729+97 TO STA. 2732+30	182	1	137.5	1		1	3	16	16
STA. 2734+25 TO STA. 2742+79	854		775	2			11	32	32
STA. 2746+40 TO STA. 2763+57	1717		1637.5	2			22	32	
STA. 2963+30 TO STA. 2967+25	395	1	312.5	1		1	6	16	
STA. 2969+46 TO STA. 2980+82	1136		1100	1	1		16	16	
<u>I-64 EASTBOUND INSIDE SHOULDER</u>									
STA. 2729+52 TO STA. 2732+21	157	1	175	1		1	4	16	
STA. 2740+17 TO STA. 2742+86	159	1	175	1		1	4	16	
STA. 2761+03 TO STA. 2763+71	156	1	175	1		1	4	16	
STA. 2964+18 TO STA. 2967+11	204	1	200	1		1	4	16	
EASTBOUND TOTAL	4960	6	4687.5	11	1	6	74	176	48

GUARDRAIL SCHEDULE

STATION TO STATION I-64 WESTBOUND	GUARDRAIL REMOVAL	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 6	TRAFFIC BARRIER TERMINAL, TYPE 2	TERMINAL MARKER- DIRECT APPLIED	GUARDRAIL MARKERS, TYPE A	CONCRETE CURB, TYPE B	CURB REMOVAL
	FOOT	EACH	FOOT	EACH	EACH	EACH	EACH	FOOT	FOOT
<u>I-64 WESTBOUND INSIDE SHOULDER</u>									
STA. 2730+97 TO STA. 2732+02			37.5	1	1		2	16	16
STA. 2734+03 TO STA. 2736+71	154	1	175	1		1	4	16	16
STA. 2746+50 TO STA. 2749+18	156	1	175	1		1	4	16	
STA. 2766+30 TO STA. 2768+98	156	1	175	1		1	4	16	
STA. 2968+72 TO STA. 2971+73	204	1	200	1		1	4	16	
<u>I-64 WESTBOUND OUTSIDE SHOULDER</u>									
STA. 2730+97 TO STA. 2732+02	107		37.5	1	1		2	16	
STA. 2733+95 TO STA. 2743+00	905		825	2			12	32	
STA. 2746+54 TO STA. 2759+19	1265	1	1187.5	1		1	16	16	
STA. 2766+45 TO STA. 2767+90	145	1	137.5	1		1	3	16	
STA. 2968+42 TO STA. 2975+41	699	1	612.5	1		1	10	16	
WESTBOUND TOTAL	3791	7	3562.5	11	2	7	61	176	32

I-64 EASTBOUND & WESTBOUND	GUARDRAIL REMOVAL	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 6	TRAFFIC BARRIER TERMINAL, TYPE 2	TERMINAL MARKER- DIRECT APPLIED	GUARDRAIL MARKERS, TYPE A	CONCRETE CURB, TYPE B	CURB REMOVAL
	FOOT	EACH	FOOT	EACH	EACH	EACH	EACH	FOOT	FOOT
EASTBOUND TOTAL	4960	6	4687.5	11	1	6	74	176	48
WESTBOUND TOTAL	3791	7	3562.5	11	2	7	61	176	32
PROJECT TOTAL	8751	13	8250	22	3	13	135	352	80

SCHEDULE FOR PAVEMENT DELINEATION

LOCATION STATION TO STATION	LENGTH (INFORMATION ONLY)	DELINEATORS (OUTSIDE SHOULDERS ONLY)	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	RAISED REFLECTIVE PAVEMENT MARKERS
				CRYSTAL
EASTBOUND LANES				
	FEET	EACH	EACH	EACH
2669+45 TO 2732+24	6279	17	158	158
SN 041-0068				
2734+19 TO 2742+93	874	3	23	23
SN 041-0090				
2746+29 TO 2763+78	1748	5	45	45
SN 041-0088				
2765+92 TO 2967+24	20132	51	504	504
SN 041-0070				
2969+18 TO 3004+00	3482	10	88	88
SUB-TOTALS EASTBOUND LANES				
		77	730	730
WESTBOUND LANES				
	FEET	EACH	EACH	EACH
2669+45 TO 2732+08	6263	17	158	158
SN 041-0067				
2734+01 TO 2743+07	907	3	24	24
SN 041-0089				
2746+39 TO 2764+11	1772	5	45	45
SN 041-0087				
2766+26 TO 2966+58	20032	51	502	502
SN 041-0071				
2968+45 TO 3004+00	3555	10	90	90
SUB-TOTALS WESTBOUND LANES				
		76	728	728
RAMP A				
2730+88 TO 2732+08	120		41	41
2727+79 = 127+54				
127+54 TO 138+00	1046	34	27	27
SUB-TOTALS RAMP A				
		34	68	68
RAMP B				
207+00 TO 218+92	1192	34		
218+92 = 2716+85				
2706+13 TO 2716+85	1073			
SUB-TOTALS RAMP B				
		34		
RAMP C				
305+00 TO 316+38	1138	39		
316+38 = 2727+88				
2727+88 TO 2732+23	435			
SUB-TOTALS RAMP C				
		39		
RAMP D				
2710+94 TO 2714+09	315		24	24
2717+30 = 417+30				
417+30 TO 424+00	670	31	17	17
SUB-TOTALS RAMP D				
		31	41	41
TOTALS				
		291	1567	1567

WINGWALL MODIFICATION FOR TYPE 6 TERMINAL

STRUCTURE	SIDE	LEFT/ RIGHT	CONCRETE REMOVAL	CONCRETE SUPERSTRUCTURE	REINF. BARS EPOXY COATED	COMMENT
			CU YDS	CU YDS	POUNDS	
SN 041-0067	EAST	BOTH	0.06	0.4	80	SEE DETAIL
SN 041-0067	WEST	BOTH	0.06	0.4	80	SEE DETAIL
SN 041-0068	EAST	RIGHT	0.03	0.2	40	SEE DETAIL
SN 041-0068	WEST	BOTH	0.06	0.4	80	SEE DETAIL
SN 041-0089	EAST	BOTH		0.6	80	SEE DETAIL
SN 041-0089	WEST	LEFT		0.3	40	SEE DETAIL
SN 041-0090	EAST	RIGHT		0.3	40	SEE DETAIL
SN 041-0090	WEST	BOTH		0.6	80	SEE DETAIL
SN 041-0087	EAST	BOTH		0.6	80	SEE DETAIL
SN 041-0088	WEST	BOTH		0.6	80	SEE DETAIL
SN 041-0071	EAST	BOTH		0.6	80	SEE DETAIL
SN 041-0070	EAST	RIGHT		0.3	40	SEE DETAIL
SN 041-0070	WEST	BOTH		0.6	80	SEE DETAIL
TOTAL			0.21	5.9	880	

BRIDGE DECK WORK

STRUCTURE	BRIDGE DECK CONC. CRACK SEALER	JOINT REPAIR		COMMENT
		SILICONE JOINT SEALER, 1.5"	POLYMER CONCRETE	
	FOOT	FOOT	CU FT	
SN 041-0067	2000			
SN 041-0068	2000			
SN 041-0089	1500	123	2.9	WEST & EAST ABUTMENT AND CENTER JOINT, SEE DETAIL
SN 041-0090	3000	123	2.9	WEST & EAST ABUTMENT AND CENTER JOINT, SEE DETAIL
SN 041-0087	1000	84		WEST & EAST ABUTMENT, SEE DETAIL
SN 041-0088	1000	84		WEST & EAST ABUTMENT, SEE DETAIL
SN 041-0071	2000			
SN 041-0070	2000			
TOTAL	14500	414	5.8	

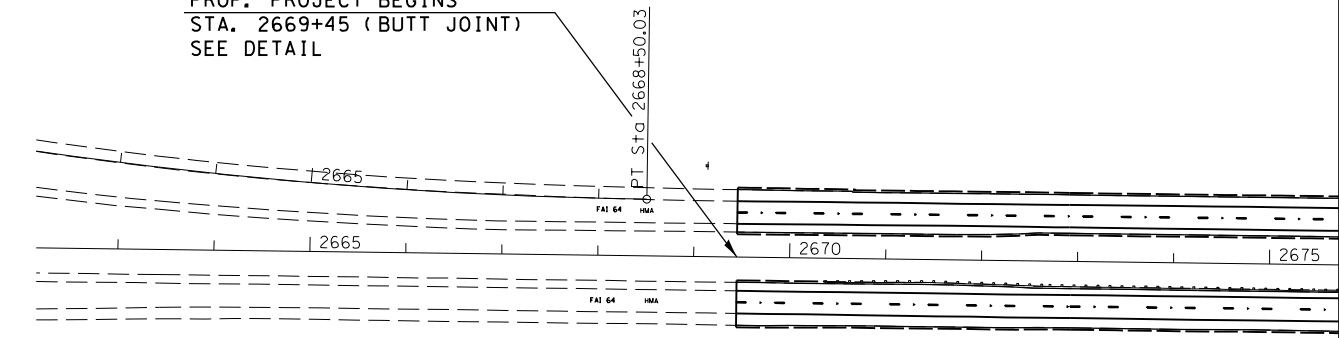
PATCHING SURVEY

LOCATION	LANE	STATION	WIDTH	LENGTH	AREA	CL A, TY II	CL A, TY III	CL A, TY IV	CL B, TY II	CL B, TY IV	PATCH REINFORCEMENT	WELDED WIRE REINFORCEMENT	TIE BARS	DOWEL BARS	SAW CUT
						SOYD	SOYD	SOYD	SOYD	SOYD	SOYD	SOYD	EACH	EACH	FOOT
EASTBOUND	DL	2669+98	12	10	13.33	13.33					13.33				68
EASTBOUND	DL	2756+00	12	25	33.33			33.33			33.33		13		98
EASTBOUND	DL	2760+10	12	10	13.33	13.33					13.33				68
EASTBOUND	DL	2762+72	12	30	40.00			40.00			40.00		15		108
EASTBOUND	DL	2824+20	12	25	33.33			33.33			33.33		13		98
EASTBOUND	DL	2932+00	12	10	13.33	13.33					13.33				68
EASTBOUND	DL	2960+00	12	10	13.33	13.33					13.33				68
WESTBOUND	DL	2767+00	12	10	13.33	13.33					13.33				68
WESTBOUND	DL	2823+00	12	10	13.33	13.33					13.33				68
WESTBOUND	DL	2823+50	12	10	13.33	13.33					13.33				68
WESTBOUND	DL	2824+00	12	10	13.33	13.33					13.33				68
WESTBOUND	DL	2824+50	12	10	13.33	13.33					13.33				68
WESTBOUND	DL	2856+00	12	15	20.00		20.00				20.00				78
EB 64/ IL 37 EXIT RAMP		418+68	16	30	53.33					53.33		53.33	15	28	108
EB 64/ IL 37 EXIT RAMP		433+08	16	20	35.56					35.56		35.56	10	28	88
EB 64/ IL 37 EXIT RAMP		End @ IL 3	16	6	10.67				10.67					28	60
IL 37/EB 64 ENTR. RAMP			16	6	10.67				10.67					28	60
IL 37/EB 64 ENTR. RAMP			16	6	10.67				10.67					28	60
WB 64/IL 37 EXIT RAMP			16	15	26.67					26.67		26.67		28	78
WB 64/IL 37 EXIT RAMP			16	6	10.67				10.67					28	60
IL 37/WB 64 ENTR. RAMP			16	6	10.67				10.67					28	60
TOTAL: ADD 10% ALLOWLANCE FOR WINTER DAMAGE						132	22	118	59	128	272	128	73	247	1725

PATCHING QUANTITIES ARE FOR PLANNING PURPOSES ONLY. THE FINAL LOCATIONS AND QUANTITIES WILL BE DETERMINED BY THE ENGINEER.



PROP. PROJECT BEGINS
 STA. 2669+45 (BUTT JOINT)
 SEE DETAIL



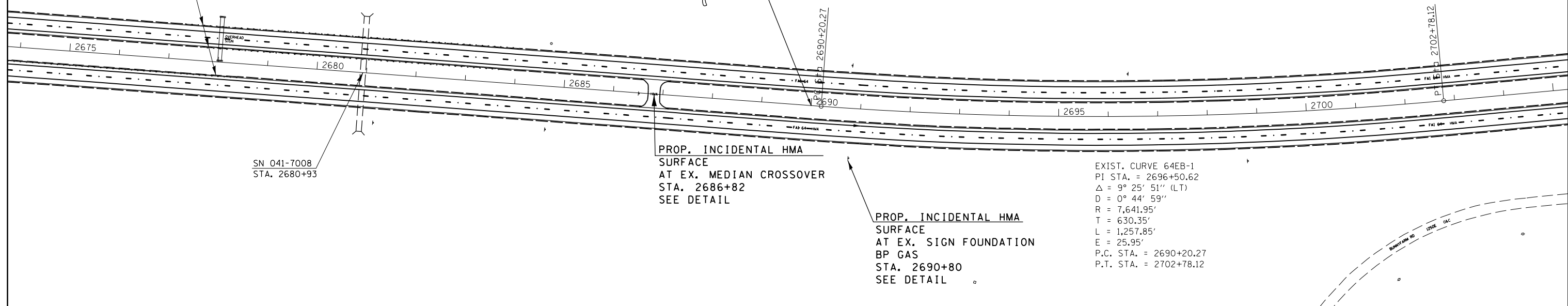
EXIST. SPBGR. TO REMAIN

PROP. TRAFFIC COUNTER-
 TIRTL LOCATION SEE DETAIL

PROP. INCIDENTAL HMA
 SURFACE
 AT EX. MEDIAN CROSSOVER
 STA. 2686+82
 SEE DETAIL

PROP. INCIDENTAL HMA
 SURFACE
 AT EX. SIGN FOUNDATION
 BP GAS
 STA. 2690+80
 SEE DETAIL

EXIST. CURVE 64EB-1
 PI STA. = 2696+50.62
 Δ = 9° 25' 51" (LT)
 D = 0° 44' 59"
 R = 7,641.95'
 T = 630.35'
 L = 1,257.85'
 E = 25.95'
 P.C. STA. = 2690+20.27
 P.T. STA. = 2702+78.12



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		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PLAN LAYOUT
 STA. 2669 + 45 TO STA. 2705 + 30**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	(41-8)RS-3	JEFFERSON	45	30
CONTRACT NO. 78440				
ILLINOIS FED. AID PROJECT				

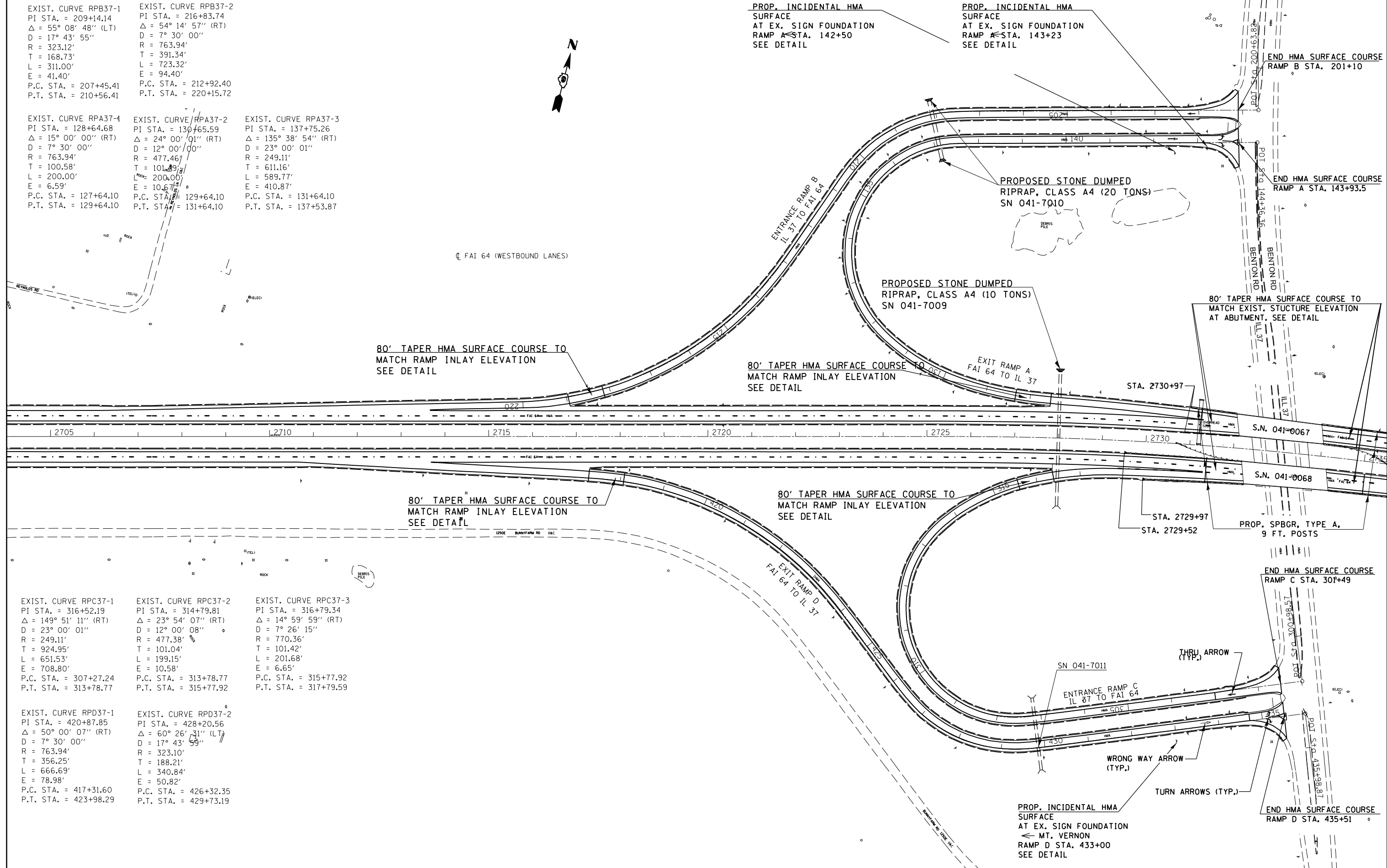
EXIST. CURVE RPB37-1
 PI STA. = 209+14.14
 $\Delta = 55^\circ 08' 48''$ (LT)
 $D = 17^\circ 43' 55''$
 $R = 323.12'$
 $T = 168.73'$
 $L = 311.00'$
 $E = 41.40'$
 P.C. STA. = 207+45.41
 P.T. STA. = 210+56.41

EXIST. CURVE RPB37-2
 PI STA. = 216+83.74
 $\Delta = 54^\circ 14' 57''$ (RT)
 $D = 7^\circ 30' 00''$
 $R = 763.94'$
 $T = 391.34'$
 $L = 723.32'$
 $E = 94.40'$
 P.C. STA. = 212+92.40
 P.T. STA. = 220+15.72

EXIST. CURVE RPA37-4
 PI STA. = 128+64.68
 $\Delta = 15^\circ 00' 00''$ (RT)
 $D = 7^\circ 30' 00''$
 $R = 763.94'$
 $T = 100.58'$
 $L = 200.00'$
 $E = 6.59'$
 P.C. STA. = 127+64.10
 P.T. STA. = 129+64.10

EXIST. CURVE RPA37-2
 PI STA. = 130+65.59
 $\Delta = 24^\circ 00' 01''$ (RT)
 $D = 12^\circ 00' 00''$
 $R = 477.46'$
 $T = 101.49'$
 $L = 200.00'$
 $E = 10.67'$
 P.C. STA. = 129+64.10
 P.T. STA. = 131+64.10

EXIST. CURVE RPA37-3
 PI STA. = 137+75.26
 $\Delta = 135^\circ 38' 54''$ (RT)
 $D = 23^\circ 00' 01''$
 $R = 249.11'$
 $T = 611.16'$
 $L = 589.77'$
 $E = 410.87'$
 P.C. STA. = 131+64.10
 P.T. STA. = 137+53.87



EXIST. CURVE RPC37-1
 PI STA. = 316+52.19
 $\Delta = 149^\circ 51' 11''$ (RT)
 $D = 23^\circ 00' 01''$
 $R = 249.11'$
 $T = 924.95'$
 $L = 651.53'$
 $E = 708.80'$
 P.C. STA. = 307+27.24
 P.T. STA. = 313+78.77

EXIST. CURVE RPC37-2
 PI STA. = 314+79.81
 $\Delta = 23^\circ 54' 07''$ (RT)
 $D = 12^\circ 00' 08''$
 $R = 477.38'$
 $T = 101.04'$
 $L = 199.15'$
 $E = 10.58'$
 P.C. STA. = 313+78.77
 P.T. STA. = 315+77.92

EXIST. CURVE RPC37-3
 PI STA. = 316+79.34
 $\Delta = 14^\circ 59' 59''$ (RT)
 $D = 7^\circ 26' 15''$
 $R = 770.36'$
 $T = 101.42'$
 $L = 201.68'$
 $E = 6.65'$
 P.C. STA. = 315+77.92
 P.T. STA. = 317+79.59

EXIST. CURVE RPD37-1
 PI STA. = 420+87.85
 $\Delta = 50^\circ 00' 07''$ (RT)
 $D = 7^\circ 30' 00''$
 $R = 763.94'$
 $T = 356.25'$
 $L = 666.69'$
 $E = 78.98'$
 P.C. STA. = 417+31.60
 P.T. STA. = 423+98.29

EXIST. CURVE RPD37-2
 PI STA. = 428+20.56
 $\Delta = 60^\circ 26' 31''$ (LT)
 $D = 17^\circ 43' 59''$
 $R = 323.10'$
 $T = 188.21'$
 $L = 340.84'$
 $E = 50.82'$
 P.C. STA. = 426+32.35
 P.T. STA. = 429+73.19

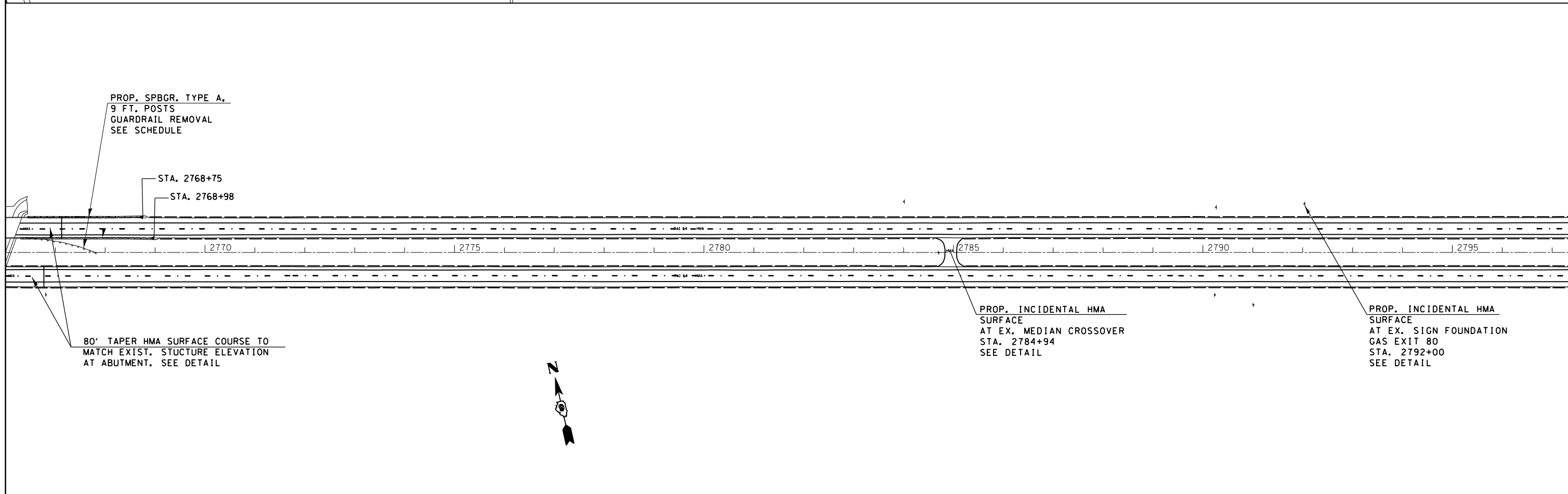
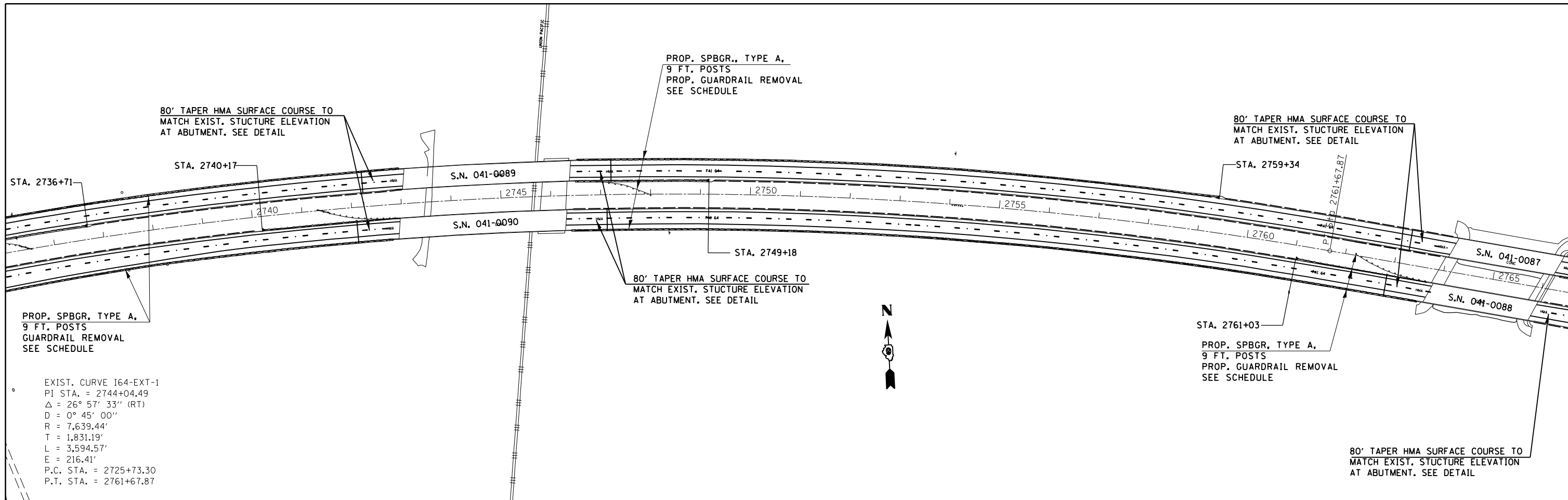
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

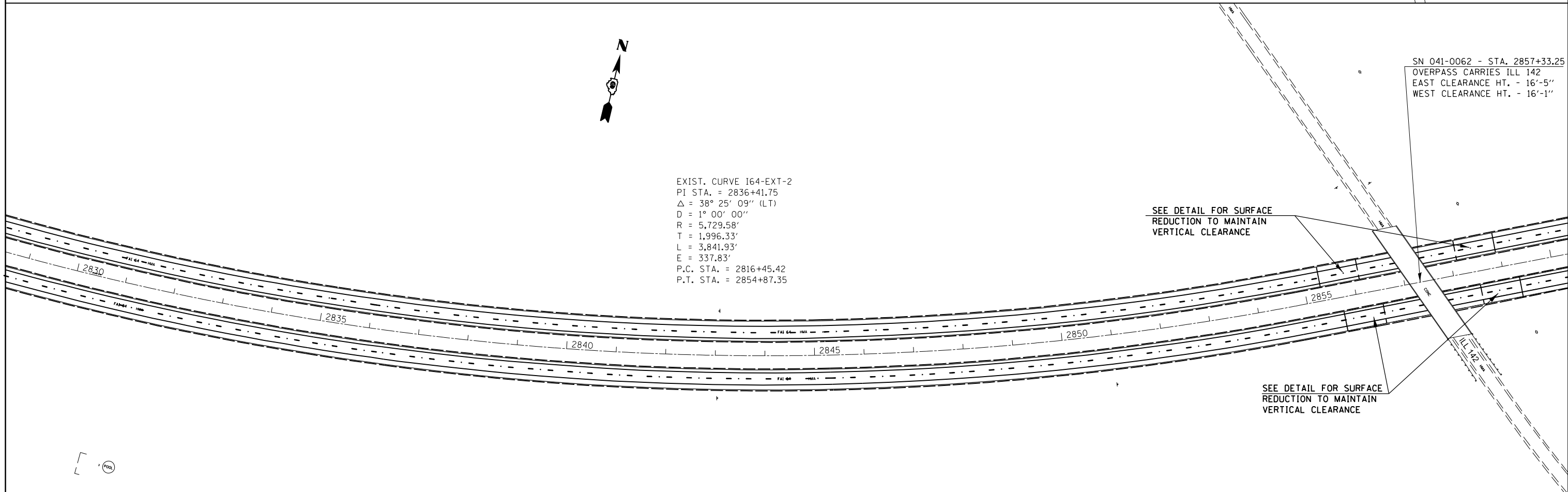
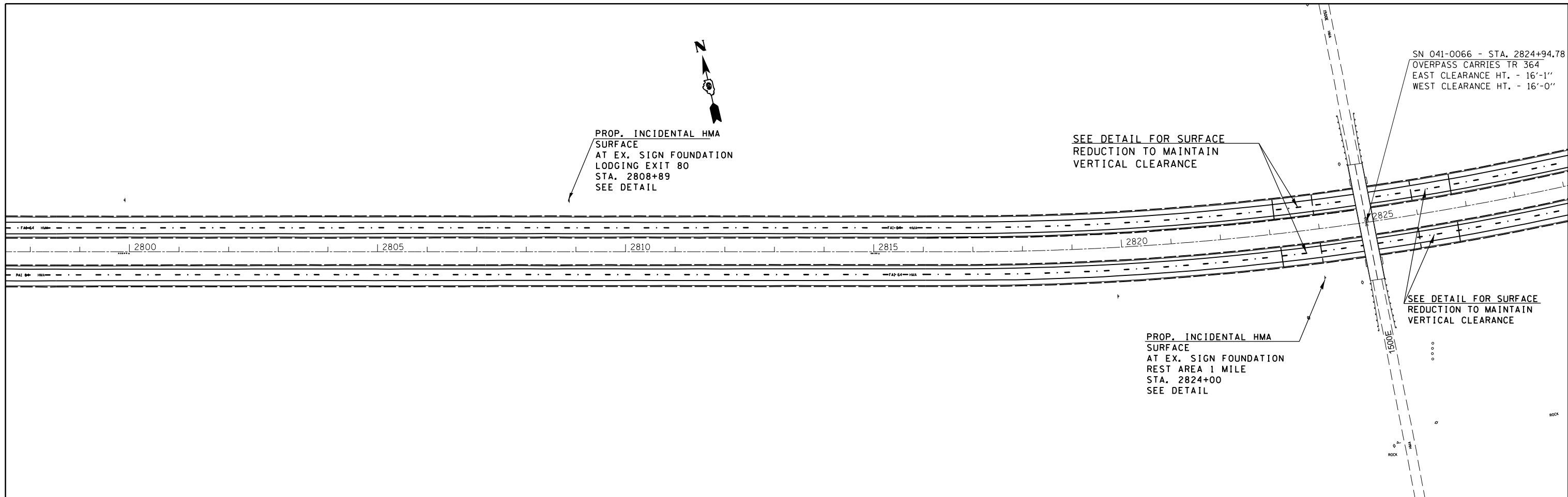
**PLAN LAYOUT
 STA. 2704 + 00 TO STA. 2735 + 53**

SCALE: SHEET OF SHEETS STA. TO STA.

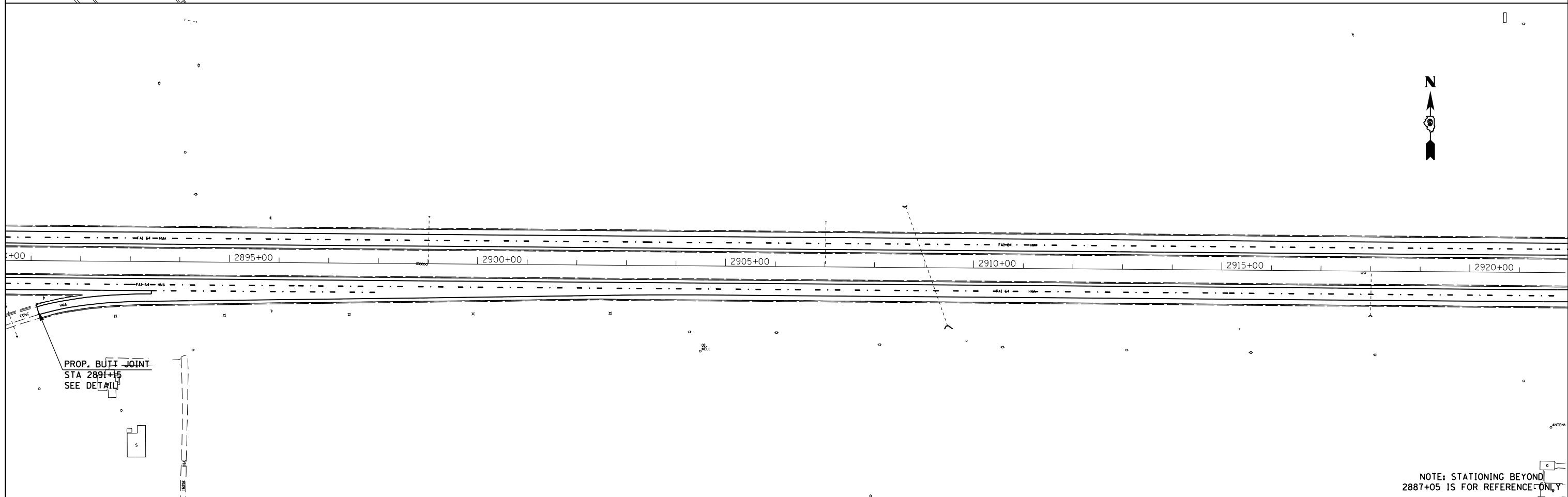
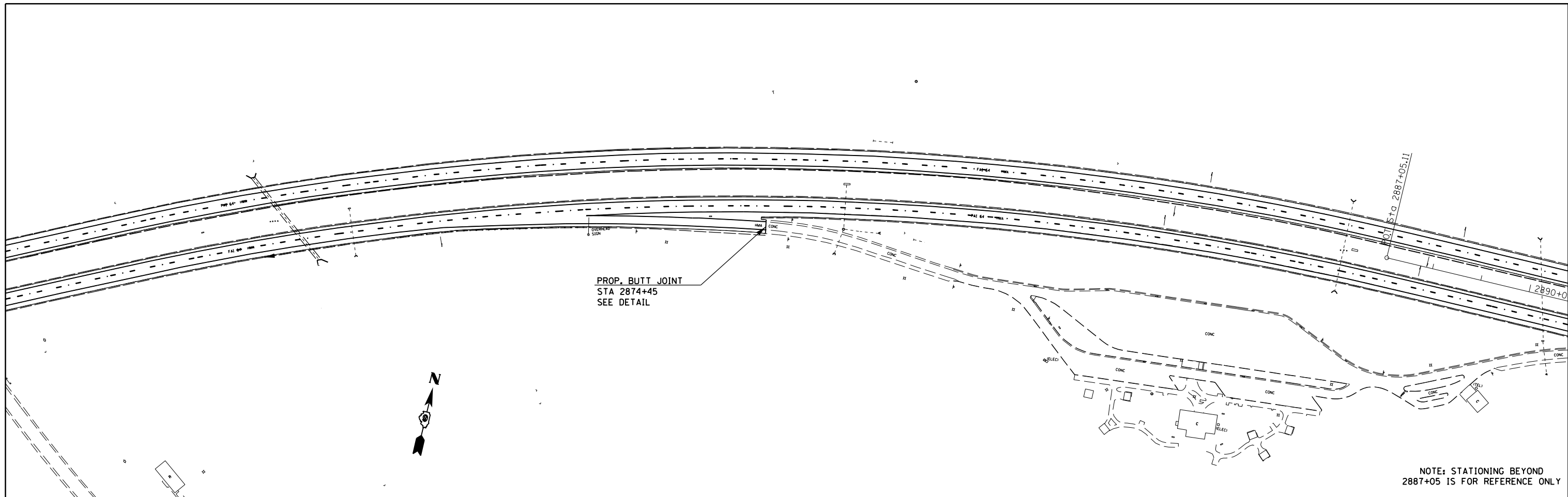
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	(41-8)RS-3	JEFFERSON	45	31
CONTRACT NO. 78440			ILLINOIS FED. AID PROJECT	



FILE NAME =	USER NAME = knopen	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN LAYOUT STA. 2735 + 00 TO STA. 2797 + 50				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 9\Projects\78440\CAD\Drawings\78440-shc-pln.dgn		CHECKED -	REVISED -		64	(41-8)RS-3	JEFFERSON	45	32				
PLOT SCALE = 200.0000' / in.		DATE -	REVISED -		CONTRACT NO. 78440								
PLOT DATE = 2/2/2017					ILLINOIS FED. AID PROJECT								



FILE NAME =	USER NAME = knopen	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN LAYOUT STA. 2797 + 50 TO STA. 2860 + 35				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\1\084EBIDINTEG.illinois.gov\PWIDOT\Documents\IDOT Offices\District 9\Projects\78440\Drawings\CABsheets\78440-shc-pln.dgn		CHECKED -	REVISED -		64	(41-8)RS-3	JEFFERSON	45	33				
PLOT SCALE = 200.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 78440								
PLOT DATE = 2/2/2017		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



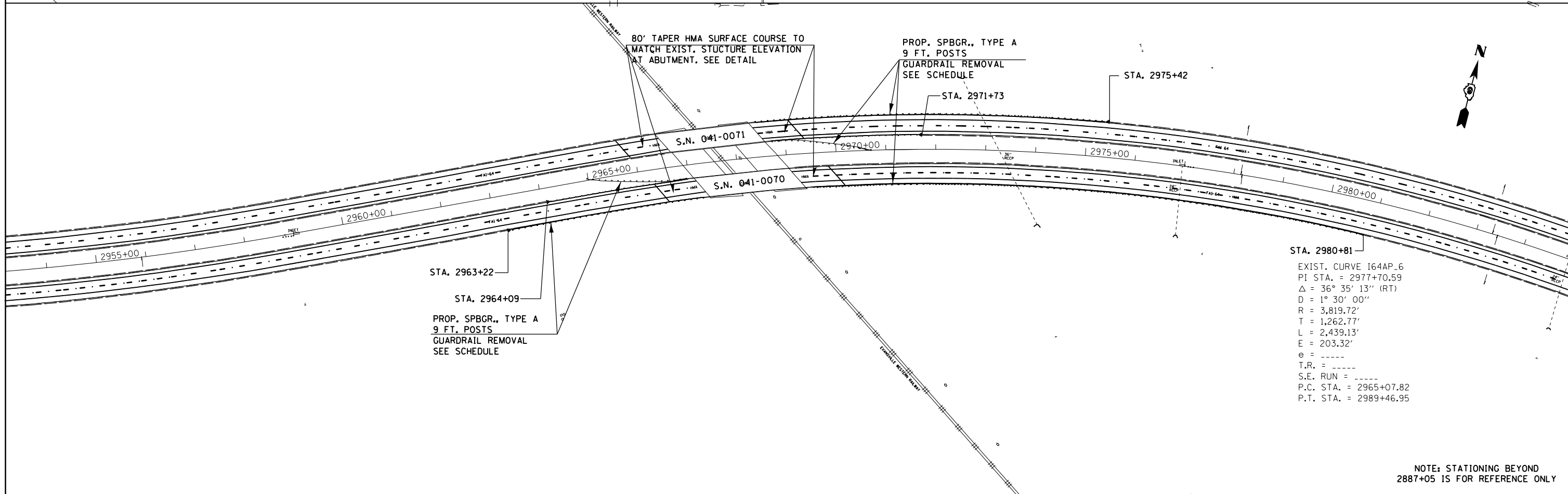
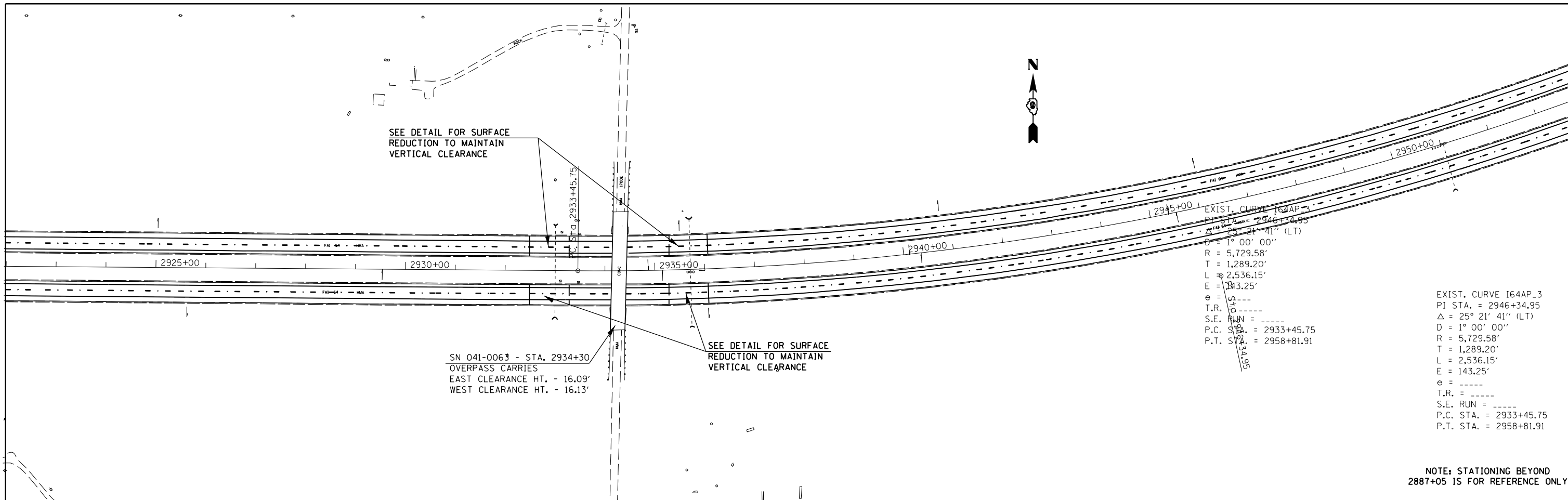
FILE NAME =	USER NAME = knopen	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 9\Projects\78440\Drawings\CAD\Sheets\78440-sht-pln.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 200.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/2/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

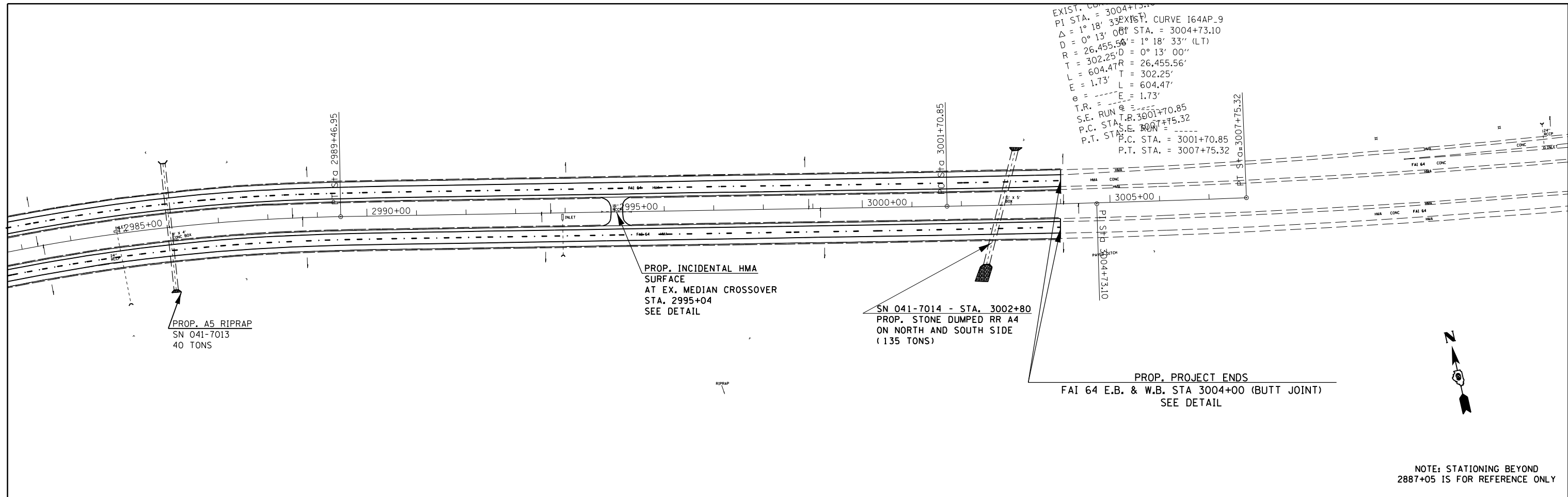
**PLAN LAYOUT
STA. 2858 + 94 TO STA. 2922 + 00**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	(41-8) RS-3	JEFFERSON	45	34
CONTRACT NO. 78440				
ILLINOIS FED. AID PROJECT				



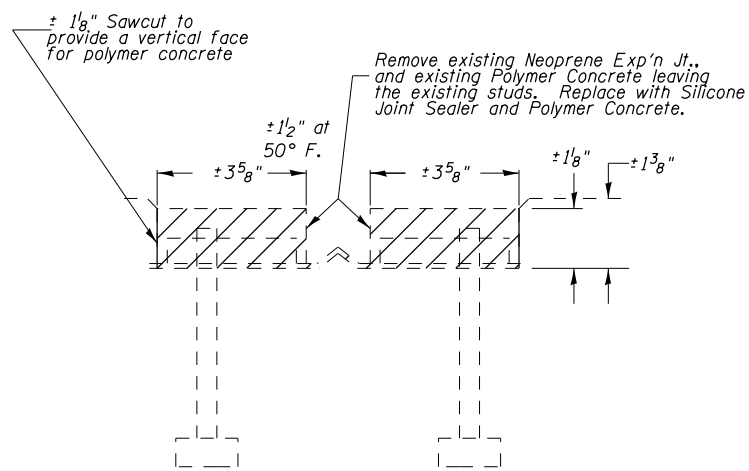
FILE NAME =	USER NAME = knopen	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN LAYOUT STA. 2922 + 00 TO STA. 2985 + 11				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\l\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 9\Projects\78440\CAD\Drawings\78440-shc-pln.dgn		CHECKED -	REVISED -		64	(41-8) RS-3	JEFFERSON	45	35				
Default	PLOT SCALE = 200.0000' / in.	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 78440				
	PLOT DATE = 2/2/2017				ILLINOIS FED. AID PROJECT								



EXIST. CURVE
 PI STA. = 3004+73.10
 $\Delta = 1^\circ 18' 33''$ EXIST. CURVE I64AP_9
 $D = 0^\circ 13' 00''$ STA. = 3004+73.10
 $R = 26,455.56'$ = $1^\circ 18' 33''$ (LT)
 $T = 302.25'$ $D = 0^\circ 13' 00''$
 $L = 604.47'$ $T = 26,455.56'$
 $E = 1.73'$ $L = 302.25'$
 $e = 1.73'$ $L = 604.47'$
 $T.R. = 1.73'$ $E = 1.73'$
 S.E. RUN T.R. 3001+70.85
 P.C. STA. = 3001+75.32
 P.T. STA. = 3007+75.32

FILE NAME =	USER NAME = knopen	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN LAYOUT STA. 2982 + 70 TO STA. 3004 + 00				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PWIDOT\Documents\IDOT Offices\District 9\Projects\78440\Drawings\CAD\Sheets\78440-shtc-pln.dgn		CHECKED -	REVISED -		64	(41-8) RS-3	JEFFERSON	45	36				
Default	PLOT SCALE = 200.0000' / in.	DATE -	REVISED -		CONTRACT NO. 78440				ILLINOIS FED. AID PROJECT				
	PLOT DATE = 2/2/2017		REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.		

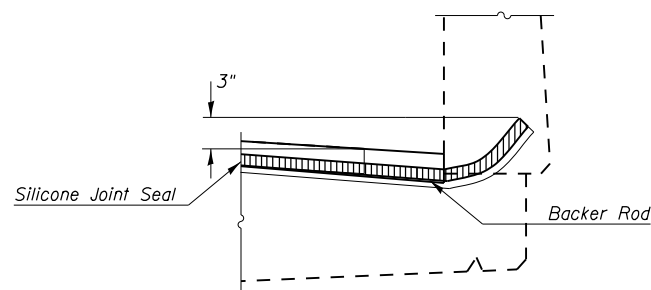
JOINT REPAIR DETAILS



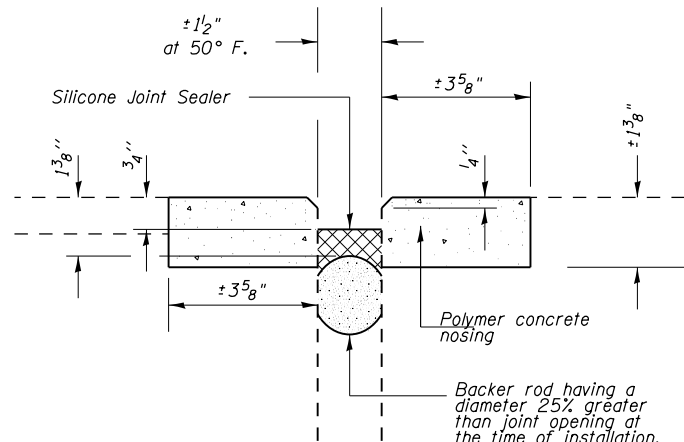
Removal of the Existing Neoprene Joint Cost included with Polymer Concrete.

SECTION AT EXISTING 2" NEOPRENE JOINT DETAIL

W. Abut SN 041-0089 (±40'-9")
W. Abut SN 041-0090 (±40'-9")



TYPICAL END OF SEAL TREATMENT AT EXPANSION JOINT



SILICONE JOINT SEALER DETAIL

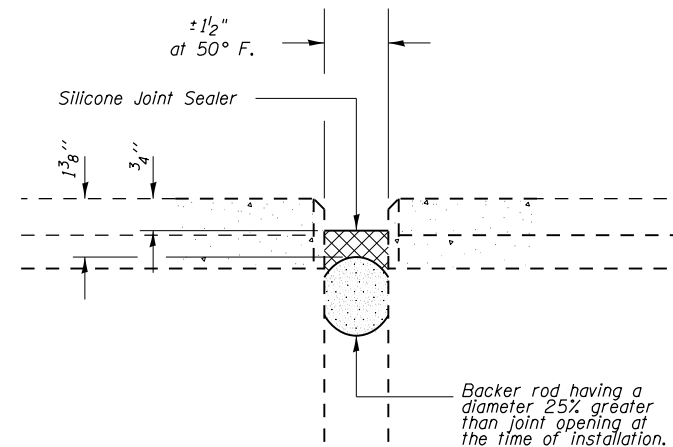
Notes:
All joints shall be staged along the C of Roadway.

BILL OF MATERIALS

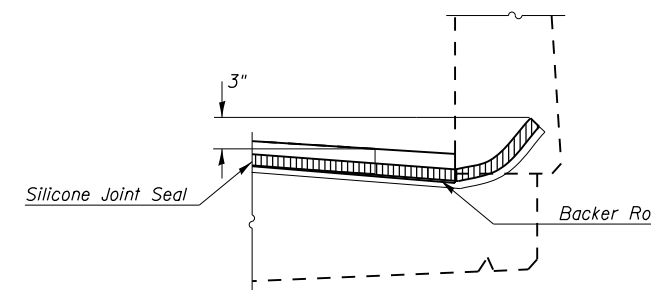
Item description	Unit	Total
Polymer Concrete	Cu Ft.	5.7
Silicone Joint Sealer, 1 1/2"	Ft.	82

JOINT REPAIRS
SN 041-0089 (WEST ABUTMENT)
SN 041-0090 (WEST ABUTMENT)

JOINT REPAIR DETAILS



SILICONE JOINT SEALER DETAIL



TYPICAL END OF SEAL TREATMENT AT EXPANSION JOINT

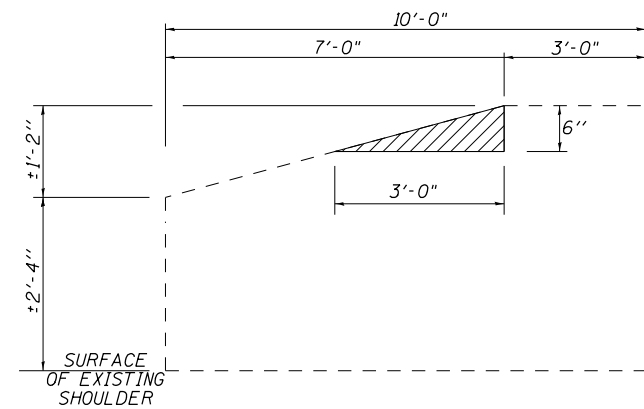
JOINT REPAIRS
SN 041-0089 (EAST ABUTMENT & CENTER JOINT) ±41'
SN 041-0090 (EAST ABUTMENT & CENTER JOINT) ±41'
SN 041-0087 (WEST AND EAST ABUTMENT) ±42'
SN 041-0088 (WEST AND EAST ABUTMENT) ±42'

Notes:
All joints shall be staged along the C of Roadway.
Removing existing performed joint seal is incidental.

BILL OF MATERIALS

Item description	Unit	Total
Silicone Joint Sealer, 1 1/2"	Ft.	332

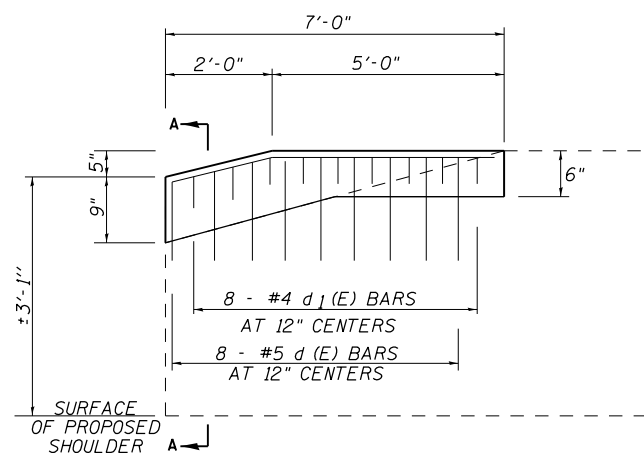
WINGWALL MODIFICATION FOR TYPE 6 TERMINAL



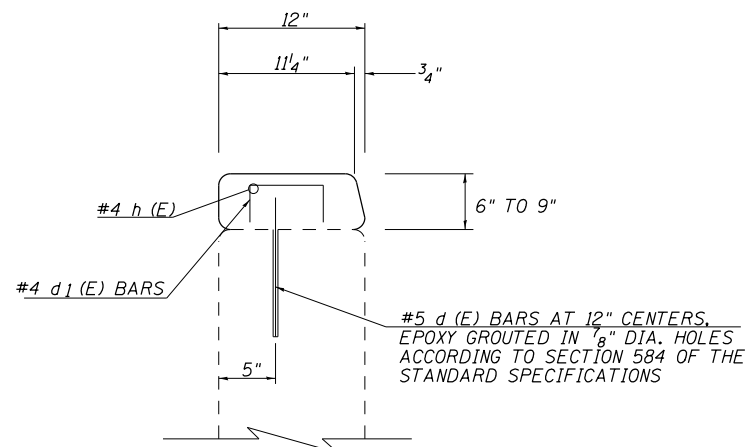
INSIDE ELEVATION (EXISTING)

TO BE USED:

SN 041-0067 (2 EAST END - 2 WEST END)
SN 041-0068 (2 WEST END - 1 EAST END)

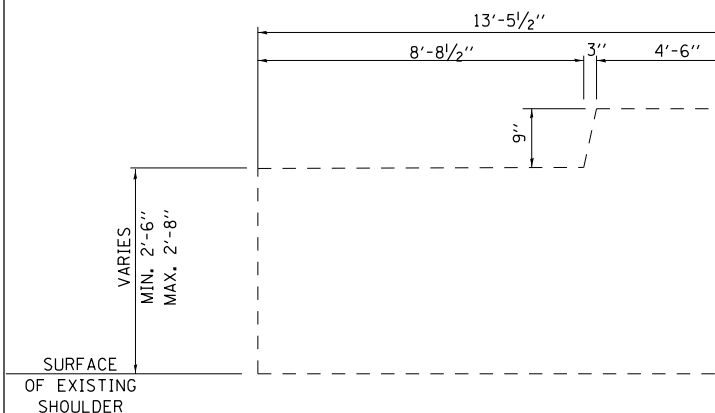


INSIDE ELEVATION (PROPOSED)



SECTION A-A

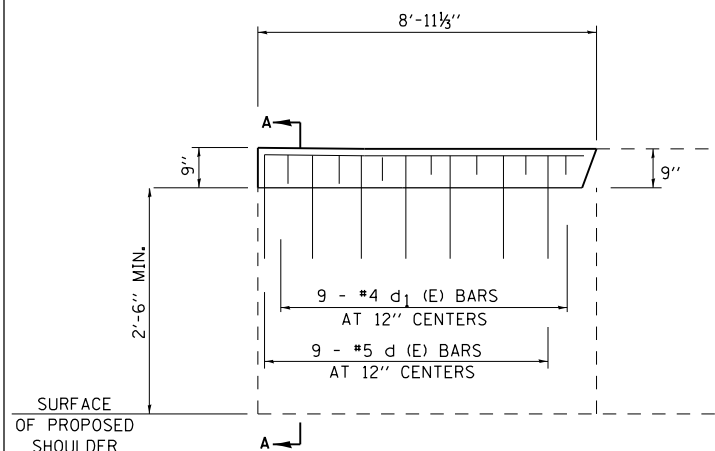
WINGWALL MODIFICATION FOR TYPE 6 TERMINAL



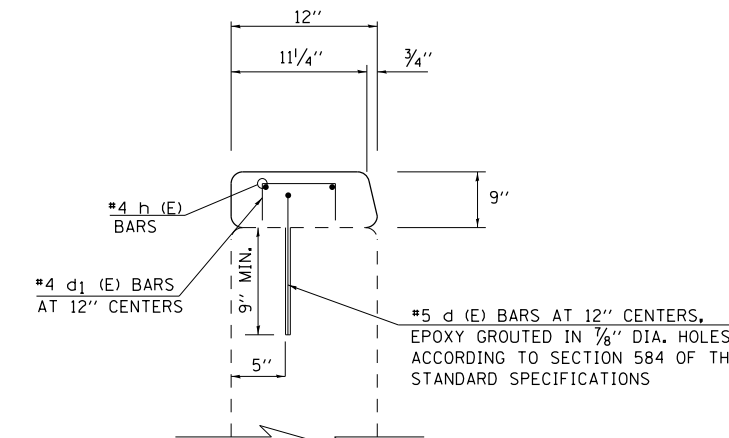
INSIDE ELEVATION (EXISTING)

TO BE USED:

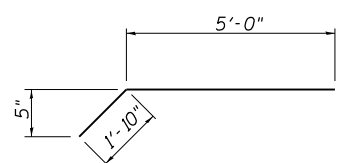
SN 041-0089 (1 WEST END - 2 EAST END)
SN 041-0090 (2 WEST END - 1 EAST END)



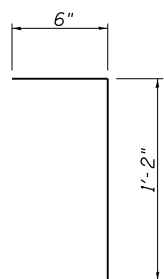
INSIDE ELEVATION (PROPOSED)



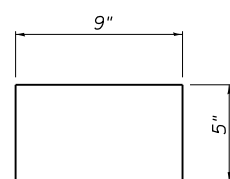
SECTION A-A



BAR h(E)



BAR d(E)

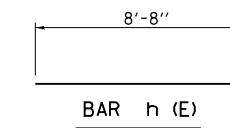


BAR d1(E)

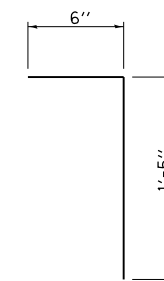
BILL OF MATERIAL (PER WING WALL)

BAR	NO.	SIZE	LENGTH	SHAPE
d (E)	8	#5	1'-8"	└┘
d1(E)	8	#4	1'-7"	└┘
h (E)	2	#4	6'-10"	└┘
Concrete Removal			Cu. Yds.	0.03
Concrete Superstructure			Cu. Yds.	0.2
Reinforcement Bars Epoxy Coated			Pounds	40

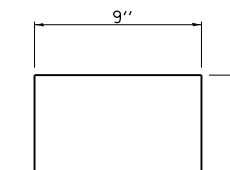
NOTES:
QUANTITIES ARE PER WING WALL
BARS DESIGNATED (E) SHALL BE EPOXY COATED.



BAR h(E)



BAR d(E)



BAR d1(E)

BILL OF MATERIAL

BAR	SIZE	NO.	LENGTH
d (E)	#5	9	1'-11"
d1(E)	#4	9	1'-7"
h (E)	#4	2	8'-8"
CONCRETE SUPERSTRUCTURE			CU YDS 0.3
REINFORCEMENT BARS EPOXY COATED			LBS 40

NOTES:
QUANTITIES ARE PER WING WALL
BARS DESIGNATED (E) SHALL BE EPOXY COATED.

FILE NAME =	USER NAME = knopen	DESIGNED -	REVISED -
p:\1\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 9\Projects\78440\CAD\Drawings\78440-shc-pln.dgn		CHECKED -	REVISED -
Default	PLOT DATE = 2/2/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

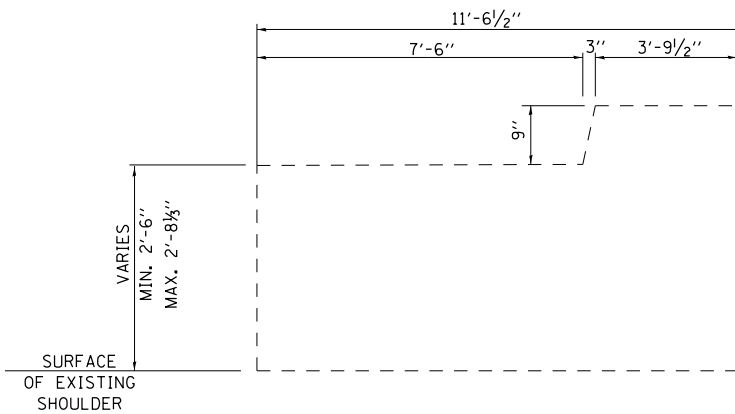
WINGWALL DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	(41-8) RS-3	JEFFERSON	45	38
CONTRACT NO. 78440				
ILLINOIS FED. AID PROJECT				

WINGWALL MODIFICATION FOR TYPE 6 TERMINAL

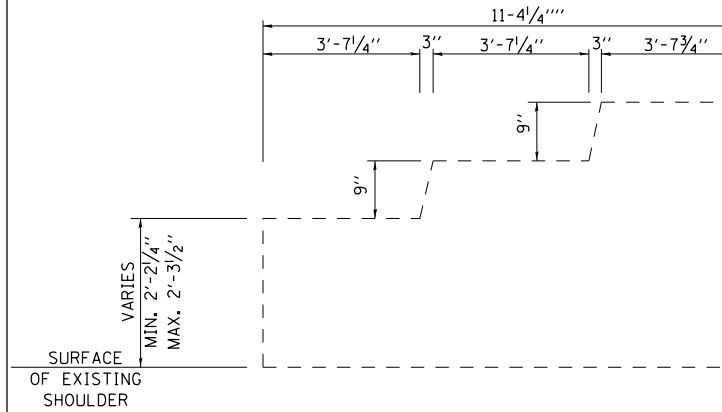
WINGWALL MODIFICATION FOR TYPE 6 TERMINAL



INSIDE ELEVATION (EXISTING)

TO BE USED:

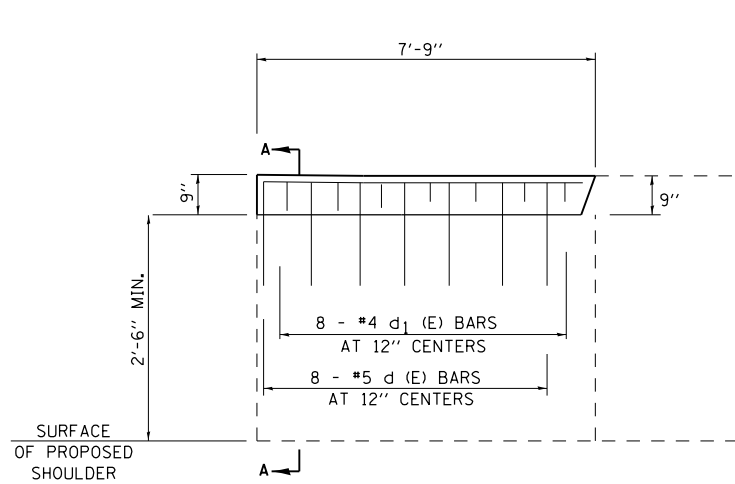
SN 041-0087 (2 EAST END)
SN 041-0088 (2 WEST END)



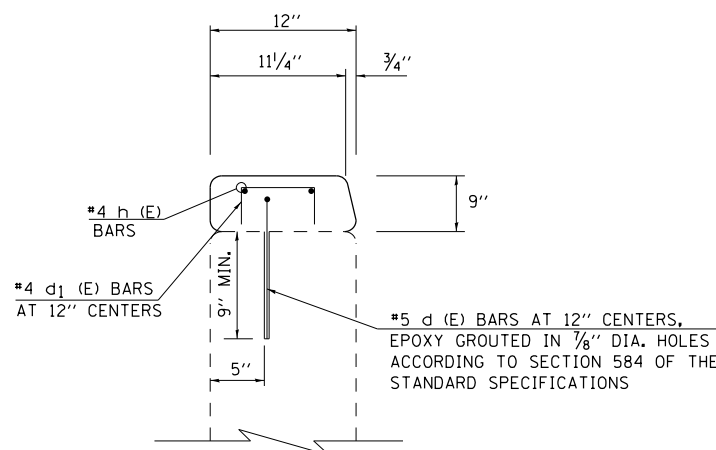
INSIDE ELEVATION (EXISTING)

TO BE USED:

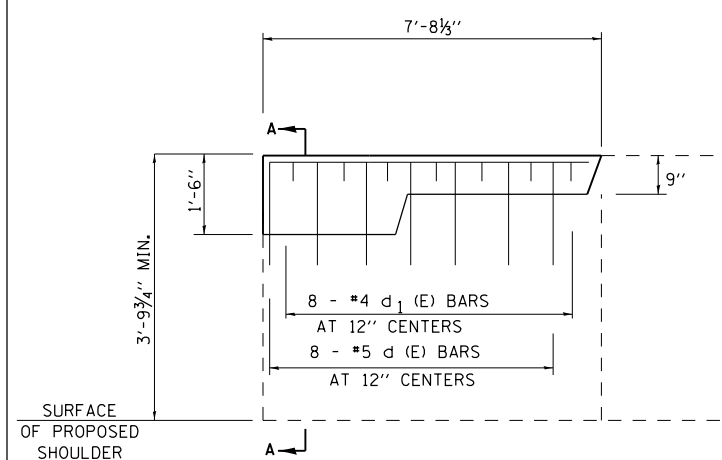
SN 041-0070 (2 WEST END- 1 EAST END)
SN 041-0071 (2 EAST END)



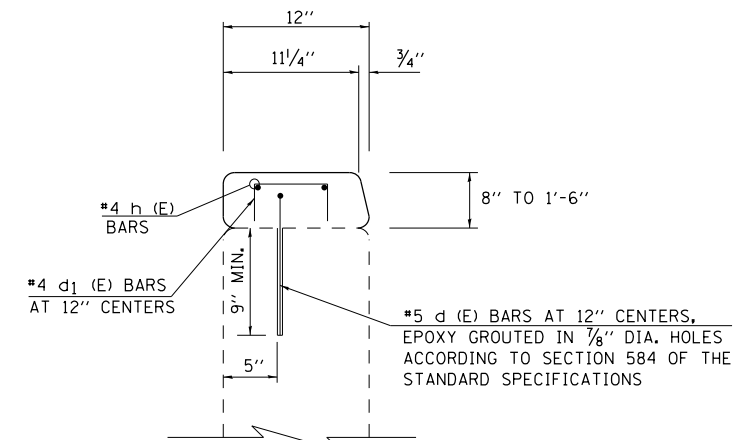
INSIDE ELEVATION (PROPOSED)



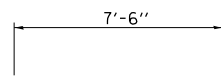
SECTION A-A



INSIDE ELEVATION (PROPOSED)



SECTION A-A

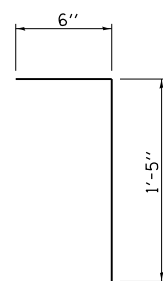


BAR h (E)

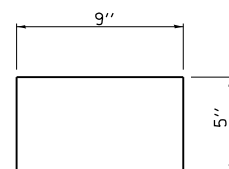
BILL OF MATERIAL

BAR	SIZE	NO.	LENGTH
d (E)	#5	8	1'-11"
d1 (E)	#4	8	1'-7"
h (E)	#4	2	7'-6"
CONCRETE SUPERSTRUCTURE		CU YDS	0.3
REINFORCEMENT BARS EPOXY COATED		LBS	40

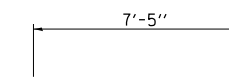
NOTES:
QUANTITIES ARE PER WING WALL
BARS DESIGNATED (E) SHALL BE EPOXY COATED.



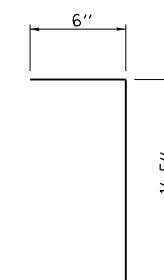
BAR d (E)



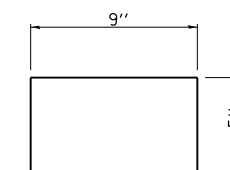
BAR d1 (E)



BAR h (E)



BAR d (E)



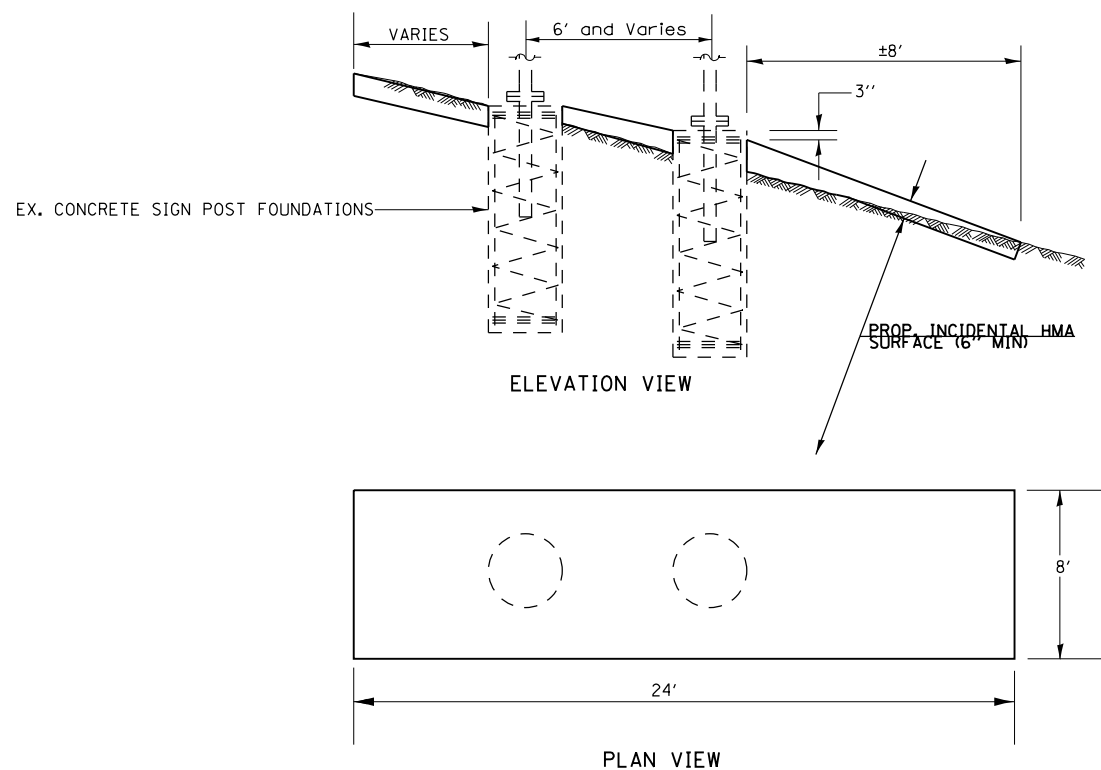
BAR d1 (E)

BILL OF MATERIAL

BAR	SIZE	NO.	LENGTH
d (E)	#5	8	1'-11"
d1 (E)	#4	8	1'-7"
h (E)	#4	2	7'-5"
CONCRETE SUPERSTRUCTURE		CU YDS	0.3
REINFORCEMENT BARS EPOXY COATED		LBS	40

NOTES:
QUANTITIES ARE PER WING WALL
BARS DESIGNATED (E) SHALL BE EPOXY COATED.

**DETAIL FOR INCIDENTAL HMA SURFACING
AT EXISTING SIGN POST FOUNDATIONS**

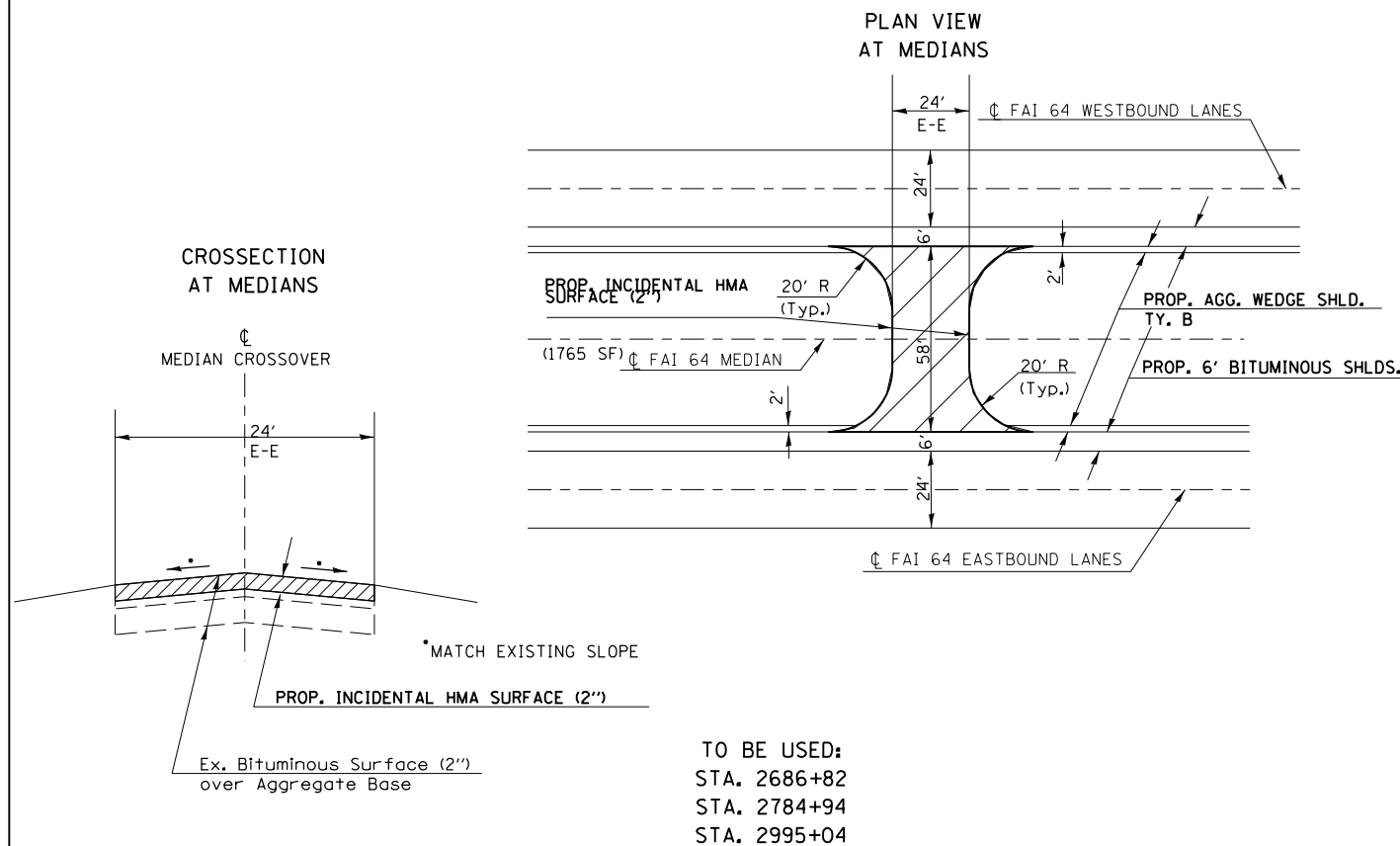


NOTE: IF SIGN POSTS ARE GREATER THAN 6' APART, MAKE UPHILL SIDE SHORTER TO HAVE A TOTAL LENGTH OF 24'.

LOCATIONS

EASTBOUND	WESTBOUND	RAMP A	RAMP D
STA. 2690+80	STA. 2792+00	STA. 142+50	STA. 433+00
STA. 2824+00	STA. 2808+89	STA. 143+23	

**DETAILS FOR
MEDIAN CROSSOVERS**



TO BE USED:
STA. 2686+82
STA. 2784+94
STA. 2995+04

FILE NAME =	USER NAME = knopen	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 9\Projects\78440\Drawings\CABsheets\78440-shc-pln.dgn		CHECKED -	REVISED -
		DATE -	REVISED -

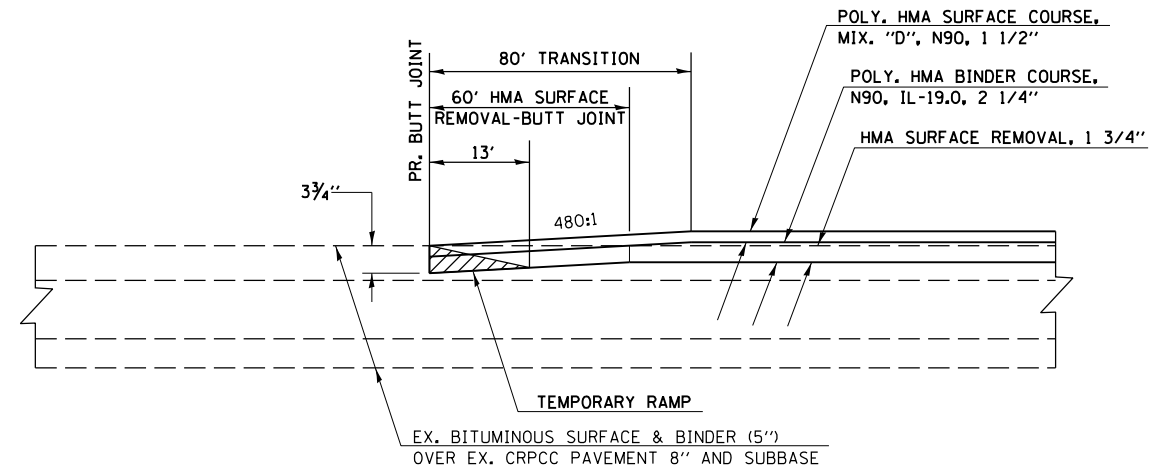
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS - CROSSOVER TREATMENT;
TRANSITIONS AT BUTT JOINTS**

SCALE: SHEET OF SHEETS STA. TO STA.

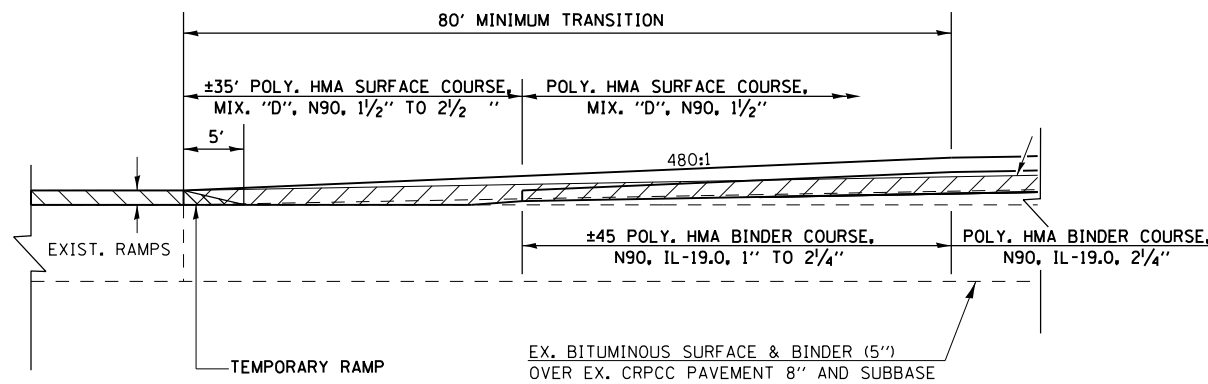
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	(41-8)RS-3	JEFFERSON	45	40
CONTRACT NO. 78440				
ILLINOIS FED. AID PROJECT				

DETAIL FOR BUTT JOINTS AT
BEGINNING AND ENDING OF PROJECT





TO BE USED:
STA 2669+45 TO STA 2670+25 (BEGINNING OF JOB)
STA 3003+20 TO STA 3004+00 (END OF JOB)

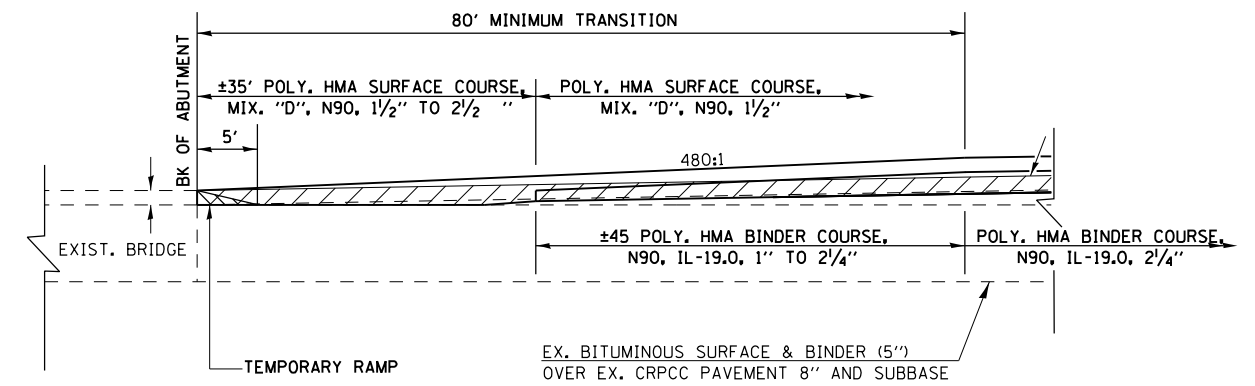
DETAIL FOR INLAY AT RAMPS



TO BE USED:
STA. 128+34 RAMP A
STA. 218+15 RAMP B
STA. 315+58 RAMP C
STA. 418+08 RAMP D

 HMA SURFACE REMOVAL, 1 3/4"
 HMA SURFACE REMOVAL, 1 1/2"

DETAIL FOR
TRANSITIONS AT STRUCTURES



 HMA SURFACE REMOVAL, 1 3/4"

TO BE USED EBL:

STA. 2731+40.57 TO STA. 2732+24.09
STA. 2734+18.91 TO STA. 2735+04.74
STA. 2742+08.18 TO STA. 2742+93.38
STA. 2746+29.40 TO STA. 2747+12.18
STA. 2762+89.10 TO STA. 2763+77.78
STA. 2765+91.64 TO STA. 2766+76.69
STA. 2967+21.00 TO STA. 2969+18.00

TO BE USED WBL:

STA. 2731+21.38 TO STA. 2732+07.94
STA. 2734+00.50 TO STA. 2734+78.81
STA. 2742+25.69 TO STA. 2743+07.28
STA. 2746+38.89 TO STA. 2747+21.13
STA. 2763+24.30 TO STA. 2764+10.94
STA. 2766+25.86 TO STA. 2767+12.60
STA. 2966+58.00 TO STA. 2968+45.00

FILE NAME =	USER NAME = knopen	DESIGNED -	REVISED -
p:\IL\084EBID\INTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 9\Projects\78440\Drawings\CAD\Sheets\78440-shtc-pln.dgn		CHECKED -	REVISED -
Default	PLOT DATE = 2/2/2017	DATE -	REVISED -

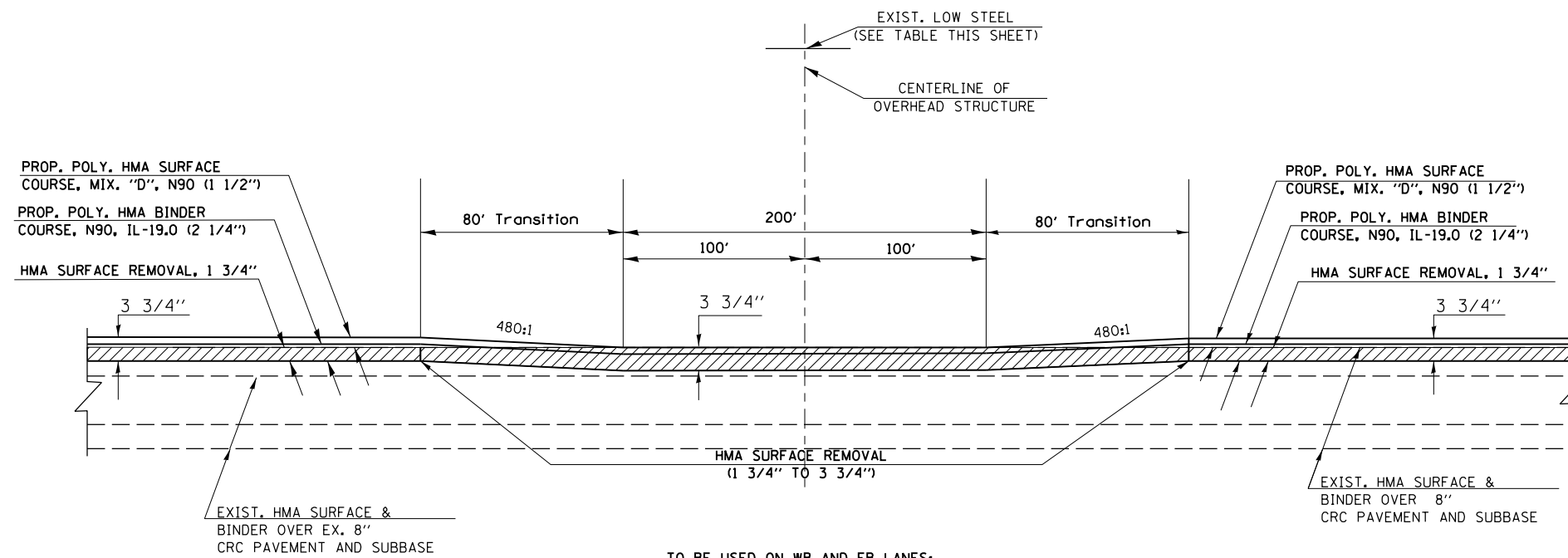
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:	SHEET OF SHEETS	STA. TO STA.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			64	(41-BRS-3	JEFFERSON	45	41
			CONTRACT NO. 78440		ILLINOIS FED. AID PROJECT		

EXIST. OVERPASS STRUCTURE
CLEARANCE HEIGHTS

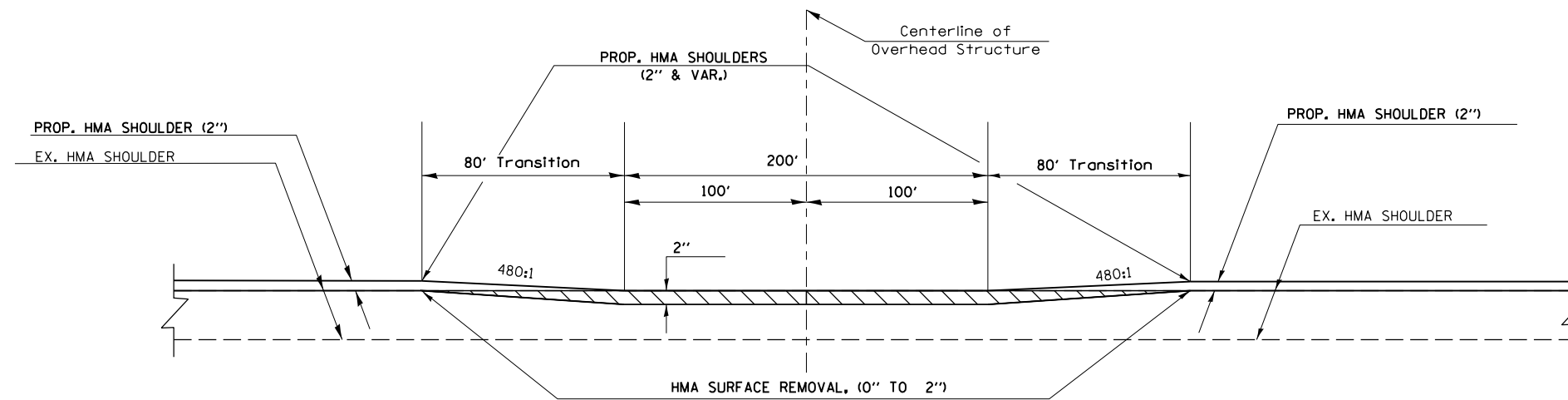
STURCTURE NO.	EX. CLEARANCE HEIGHT	
	EBL	WBL
041-0062	16'-5"	16'-1"
041-0066	16'-1"	16'-0"
041-0063	16'-1"	16'-1/2"

DETAIL FOR HMA TRANSITION
UNDER OVERPASSES
(TO MAINTAIN VERTICAL CLEARANCE)

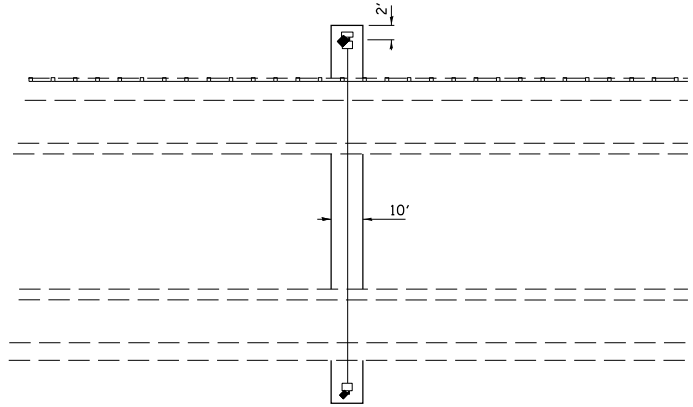
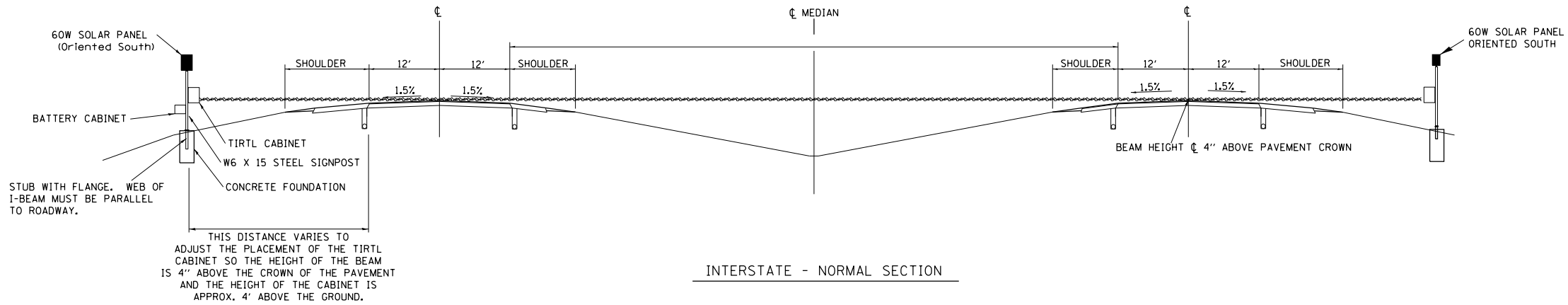


TO BE USED ON WB AND EB LANES:
STA. 2823+15 TO STA. 2826+75 (S.N. 041-0066)
TO BE USED ON WB AND EB LANES
STA. 2855+32 TO STA. 2858+92 (S.N. 041-0062)
TO BE USED ON WB AND EB LANES
STA. 2932+48 TO STA. 2936+08 (S.N. 041-0063)

DETAIL OF PROPOSED SHOULDER
TREATMENT UNDER OVERPASSES



TO BE USED ON WB AND EB LANES:
STA. 2823+15 TO STA. 2826+75 (S.N. 041-0066)
TO BE USED ON WB AND EB LANES
STA. 2855+32 TO STA. 2858+92 (S.N. 041-0062)
TO BE USED ON WB AND EB LANES
STA. 2932+48 TO STA. 2936+08 (S.N. 041-0063)



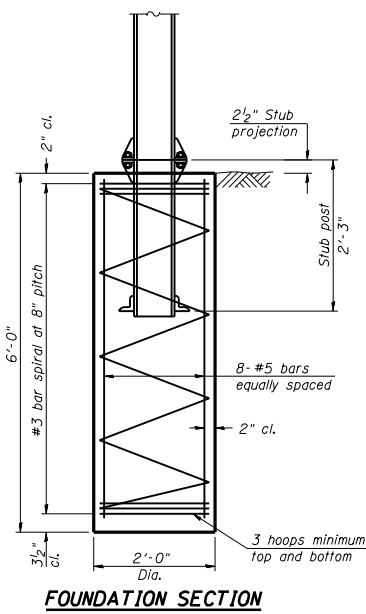
LOCATION: STA 2689+00

NOTES:

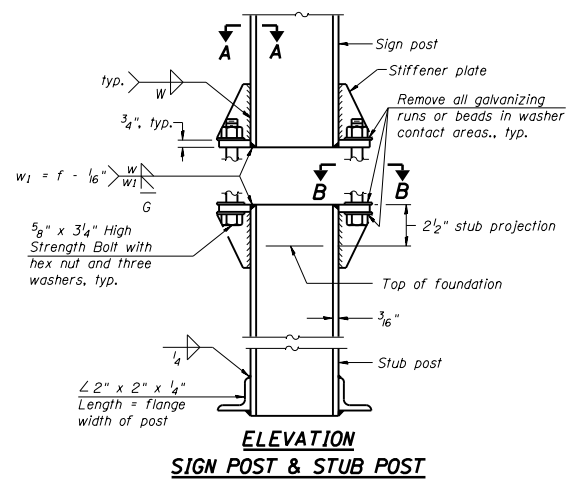
1. SYSTEM CONSISTS OF TWO W6 X 15 I-BEAM SIGNPOSTS WITH CONCRETE FOUNDATION AND A FLANGE WITH BREAKAWAY BOLTS
2. THE I-BEAMS ARE 12' LONG AND DRILLED AS PER THE I-BEAM DETAIL TO ACCOMMODATE A PIPE TO ALLOW THE MOUNTING OF THE SOLAR PANEL.
3. THE WEB OF THE I-BEAM IS TO BE PLACED PARALLEL TO THE LANES.
4. THE TWO POSTS MUST BE PLACED DIRECTLY ACROSS FROM EACH OTHER AND PERPENDICULAR TO THE LANES.
5. TWO POSTS ARE REQUIRED LOCATED AS PER THE ENGINEER AND DRAWING.
6. THE CABINETS ARE ATTACHED TO THE I-BEAM USING 8" GALVANIZED J-BOLTS.
7. THE BOTTOM OF THE CABINET HEIGHT MUST BE NO LOWER THAN 4' ABOVE THE GROUND AND BE ABLE TO VIEW ACROSS ALL LANES AT THE CROWN OF THE PAVEMENT.
8. THE IDOT OFFICE OF PLANNING AND PROGRAMMING DATA MANAGEMENT LAB (RAMON TAYLOR or RICH MARX 217-782-2065) SHALL BE NOTIFIED TWO WEEKS PRIOR TO THE LAYOUT AND SHALL BE PRESENT DURING THE PLACEMENT OF THE POST FOUNDATIONS.

**TIRTL TRAFFIC COUNTER
SCHEDULE OF QUANTITIES
(FOR INFORMATION ONLY)**

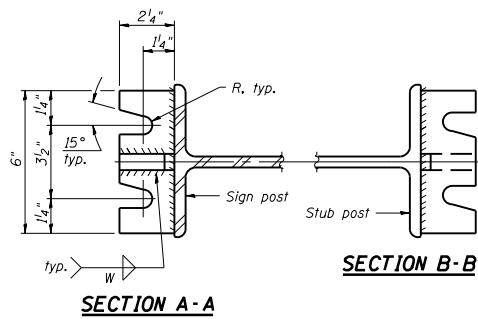
CODE NUMBER	ITEM	UNIT	QUANTITY
72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	520
73400100	CONCRETE FOUNDATIONS	CU YD	1.4
X0323388	TRAFFIC COUNTER SYSTEM (INCLUDES BELOW)	EACH	1
TIRTL TRAFFIC DATA COLLECTION SYSTEM INCLUDES:			
	Sierra Wireless GX-450 Mobile 4G XLTE Gateway EVD0-Verizon	EACH	1
	Panorama Low Profile LTE MiMo LGAM-BC3G-26-3SP Antenna	EACH	1
	TIRTL CABINET 15" X 27" X 16"	EACH	2
	BATTERY CABINET 16.5" X 16" X 11.5" BBA1M w/ #2 Police Lock	EACH	1
	SOLAR PANEL 60 W 12 VDC with Bracket	EACH	2
	TIRTL TRAFFIC COUNTER	EACH	1
	SUNSAVER SOLAR CHARGE REGULATOR 10 AMP 12 VDC	EACH	2
	BATTERY - 33 AH ABSORBED ELECTROLYTE 8" X 5.5" X 7" (DEEP CYCLE)	EACH	1
	BATTERY -104AH ABSORBED ELECTROLYTE 10" X 6" X 8" (DEEP CYCLE)	EACH	1



FOUNDATION SECTION

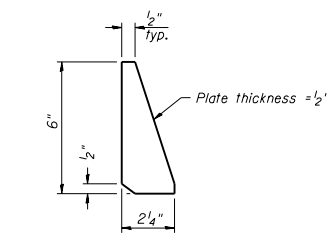


**ELEVATION
SIGN POST & STUB POST**

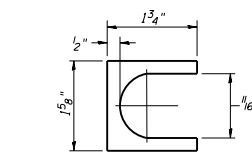


SECTION A-A

SECTION B-B



STIFFENER PLATE DETAIL



SHIM DETAIL

Furnish two 0.01" thick and two 0.03" thick stainless steel or brass (ASTM B36) shims per post.

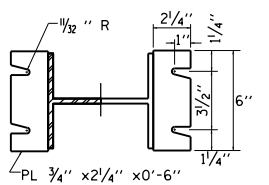
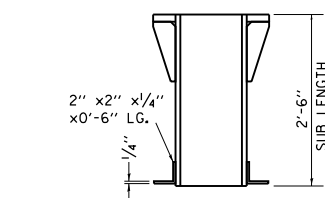
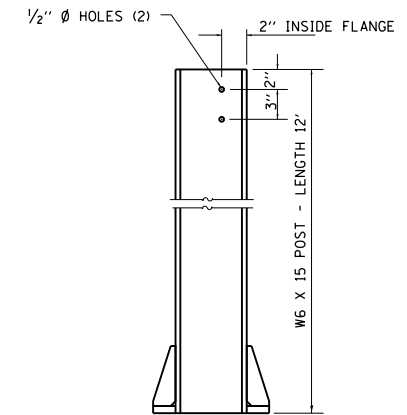
GENERAL NOTES

Posts shall be plumbed by using shims with post-to-stub post connection bolts snug tight only. Final tightening of all High Strength Bolts shall be in accordance with Article 727.05 and threads at the junction of the bolt and nut shall be burred or center punched to prevent the nut from loosening.

LOADING: 80 m.p.h. wind with 30% gust factor, normal to sign.

DESIGN STRESSES:
Structural steel - 20,000 p.s.i.
Reinforcing steel - 20,000 p.s.i.
Concrete - 1,400 p.s.i.
Footing soil pressure - 2,000 p.s.f.

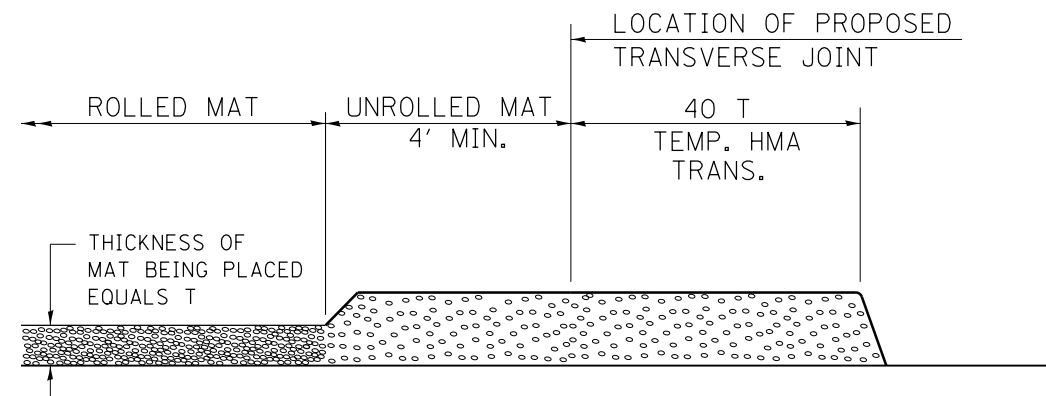
After fabrication, the post and upper 6", min. of the stub post shall be hot-dip galvanized in accordance with AASHTO M11. All bolts, nuts and washers shall be hot-dip galvanized in accordance with AASHTO M232.



BREAK-AWAY WIDE FLANGE STEEL POST DETAILS

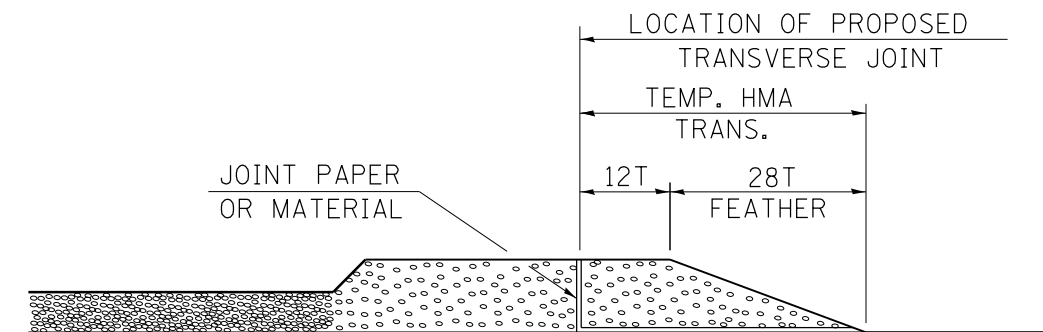
FILE NAME =	USER NAME = knopen	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TIRTL TRAFFIC COUNTER DETAIL	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBID\INTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 9\Projects\78440\Drawings\CAD\Sheets\78440-shtc-pln.dgn	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			64	(41-BRS-3)	JEFFERSON	45	43	
Default	PLOT DATE = 2/2/2017	DATE -	REVISED -			CONTRACT NO. 78440					
						ILLINOIS FED. AID PROJECT					

TEMPORARY HOT-MIX ASPHALT TRANSITIONS



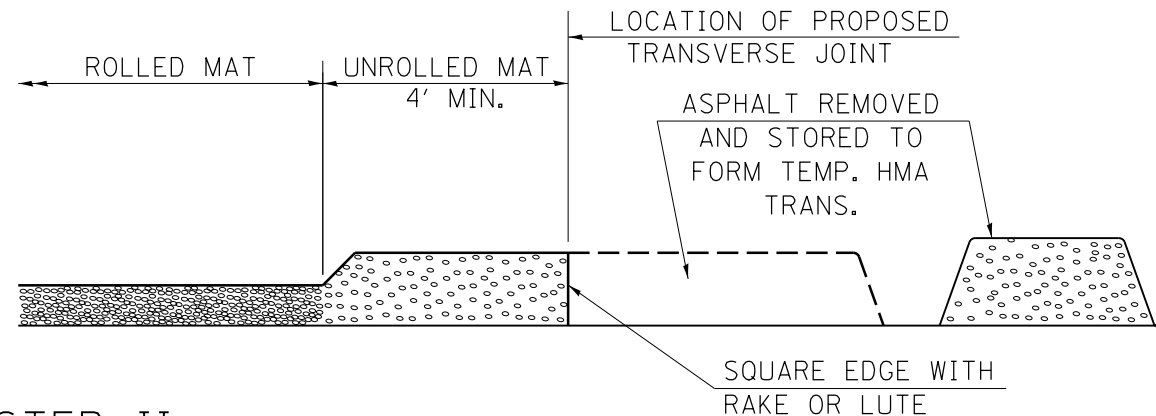
STEP I

1. PLACE HOT-MIX ASPHALT MAT, LENGTH 40 TIMES THE THICKNESS OF THE MAT BEING PLACED PAST THE PROPOSED TRANSVERSE JOINT LOCATION USING NORMAL OPERATING PROCEDURES.
2. EXTREME CARE SHOULD BE TAKEN TO MAINTAIN ENOUGH MATERIAL IN FRONT OF THE SCREED TO MAINTAIN REQUIRED PAVING DEPTH.



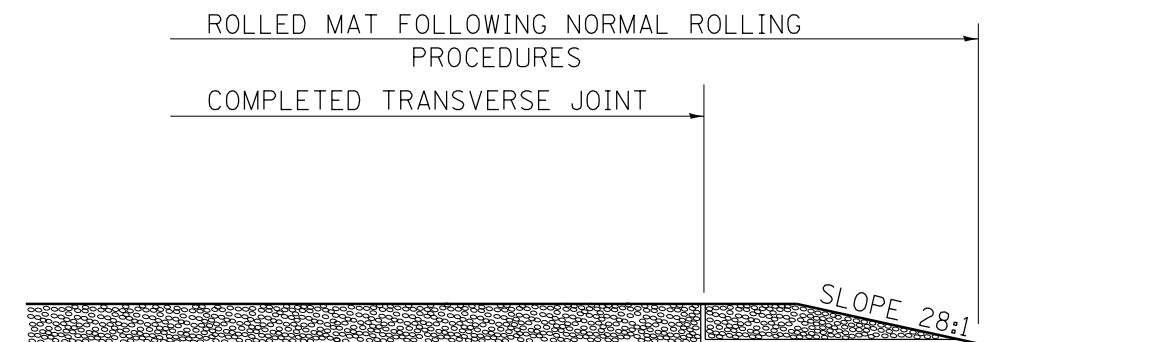
STEP III

1. JOINT PAPER OR OTHER PRESELECTED JOINT MATERIAL IS THEN PLACED IN THE CLEARED AREA AND THE EXCESS ASPHALT USED TO HAND FORM A TRANSITION TO THE DIMENSIONS SHOWN ABOVE.
2. NOTE THAT IN CONSTRUCTING THE TRANSITION, THE MAT DEPTH IS CONTINUED AS PART OF THE TRANSITION BEFORE FORMING THE FEATHER.



STEP II

1. MOVE THE PAVER OUT OF THE WAY AND REMOVE THE ASPHALT FROM THE AREA OF THE PROPOSED TEMPORARY HOT-MIX ASPHALT TRANSITION.
2. SQUARE UP THE END OF THE MAT WITH A RAKE OR LUTE.
3. NOTE THAT THE MAT WITHIN 4' OF THE END OF JOINT IS NOT TO BE ROLLED AT THIS TIME.



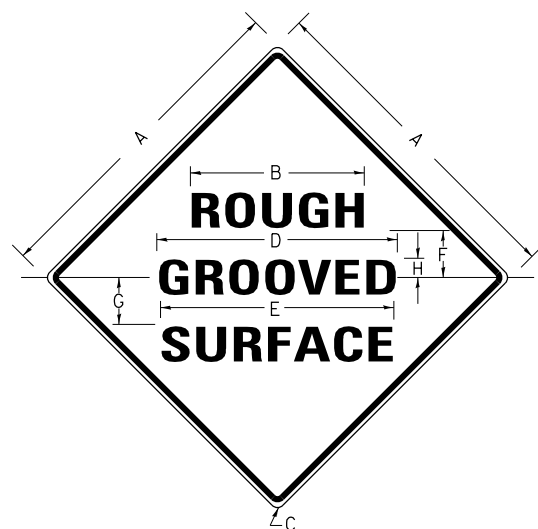
STEP IV

1. COMPLETE TEMPORARY TRANSITION BY ROLLING.
2. TO RESUME PAVING, AT THE JOINT, REMOVE TEMPORARY TRANSITION AND DISPOSE OF THE MATERIAL ACCORDING TO ART. 202.03 OF THE STD. SPECS. (COST INCLUDED IN THE CONTRACT).
3. CONSTRUCTING THE TEMPORARY TRANSITIONS WILL NOT BE PAID FOR SEPARATELY IN ACCORDANCE WITH ARTICLE 406.14 OF THE STANDARD SPECIFICATIONS.

REVISIONS	
REDRAWN	2-15-89
REVISED	8-16-94
REVISED	01-09-07
RESIZED	05-8-08
REVISED	05-16-13

STD. 9-26

ILLINOIS STANDARD



COLORS:

LEGEND AND BORDER- BLACK NON-REFLECTORIZED
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 LINES			MAR-GIN	BOR-DER	BLANK STD.
	1	2	3			
48X48	7C	7C	7C	0.8	1.2	B4-48D

ALL DIMENSIONS IN INCHES

NOTES:

PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED, THE CONTRACTOR SHALL HAVE ERECTED "ROUGH GROOVED SURFACE" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "ROUGH GROOVED SURFACE" SIGNS UNTIL THE COLDMILLED SURFACE IS COVERED WITH LEVELING BINDER OR SURFACE COURSE.

IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

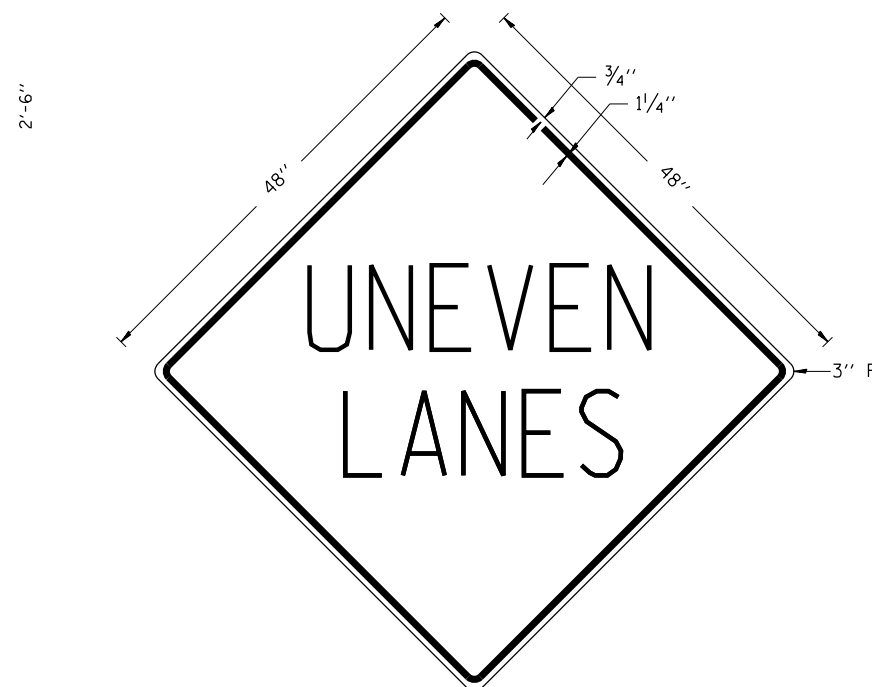
REVISIONS

REDRAWN	2-15-89
REVISED	4-6-93
REVISED	3-27-08
REVIEWED	5-17-13

STD. 9-39

UNEVEN LANES SIGN

W8-11 (48" x 48")



COLORS:

LEGEND AND BORDER - BLACK NON-REFLECTORIZED
BACKGROUND - ORANGE REFLECTORIZED

NOTE: PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED OR BEFORE RESURFACING OPERATIONS BEGIN, THE CONTRACTOR SHALL HAVE ERECTED "UNEVEN PAVEMENT" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "UNEVEN PAVEMENT" SIGNS UNTIL THE RESURFACING OPERATIONS ARE COMPLETED.

IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

REVISIONS

DRAWN	2-15-89
REVISED	4-06-93
REDESIGNED	
RESIZED	
REVIEWED	5-17-13

STD. 9-41

FILE NAME =	USER NAME = knopen	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG.illinois.gov\PWIDOT\Documents\IDOT Offices\District 9\Projects\78440\Drawings\CAD\Sheets\78440-shtc-pln.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 200.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/2/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**UNEVEN LANE SIGN DETAIL AND
ROUGH GROOVED SURFACE SIGNS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	(41-8)RS-3	JEFFERSON	45	45
CONTRACT NO. 78440				
ILLINOIS FED. AID PROJECT				