

04-22-2016 LETTING ITEM 047

FOR INDEX OF SHEETS, SEE SHEET NO. 2

ROUTE: FAP 332

FUNCTIONAL CLASSIFICATION: OTHER PRINCIPAL ARTERIAL

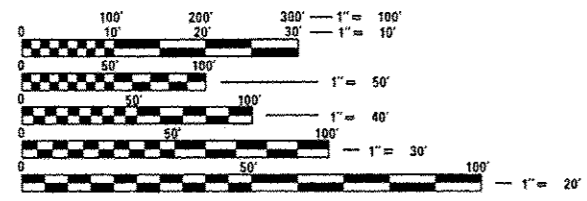
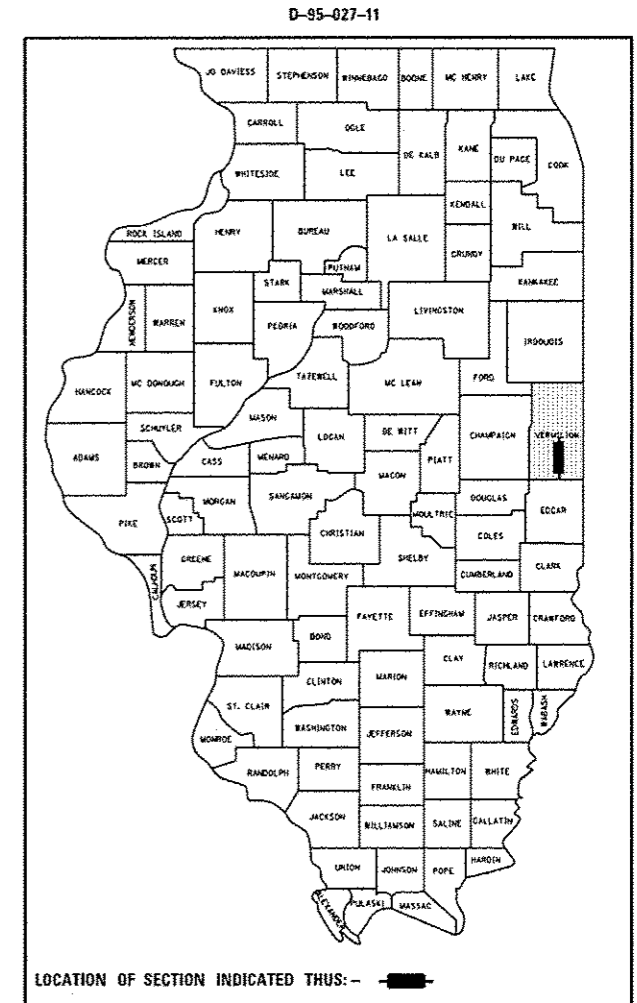
TRAFFIC DATA: 4,600 ADT (2015), 10.7% HCV, 89.3% PV

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

FAP ROUTE 332 (IL 1 /US 150)  
 SECTION 47(X-4RS-2,Z-2RS-4)RS-13  
 PROJECT ACNHPP-0332 (125)  
 RESURFACING (SMART)  
 VERMILION COUNTY

SCL OF GEORGETOWN TO NCL OF RIDGE FARM  
 C-95-027-11

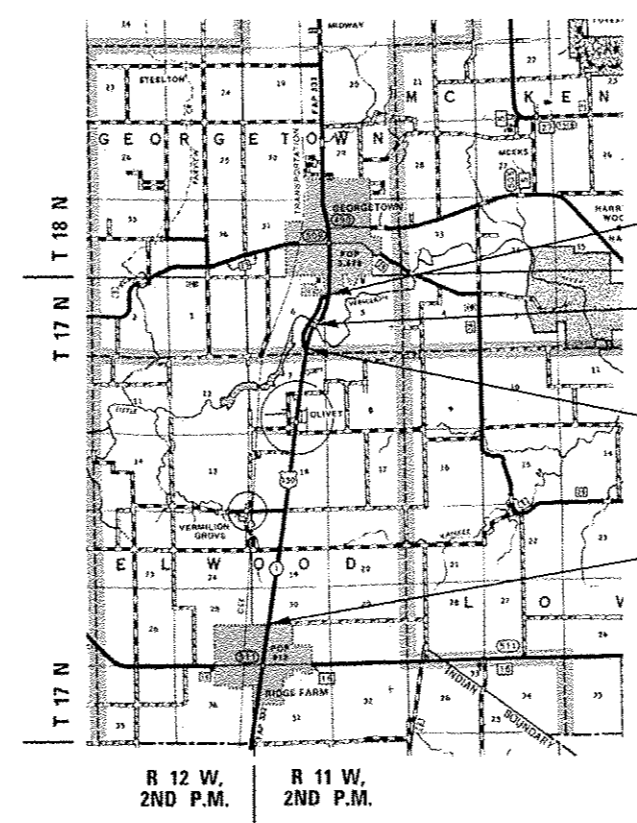
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	47(X-4RS-2,Z-2RS-4)RS-13	VERMILION	58	1
		ILLINOIS	CONTRACT NO. 70899	



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 TOWNSHIPS  
 OR 811 GEORGETOWN & ELWOOD

PROJECT ENGINEER: JASON STULTS (217) 465-4181  
 DESIGN SQUAD LEADER: RUSTIN KEYS  
 CONTRACT NO. 70899



BEGIN SECTION 47(X-4RS-2,Z-2RS-4)RS-13  
 STA. 2547 + 32.3

RESURFACING OMISSION SN 092-0206  
 STA. 2524 + 79.0 TO STA. 2520 + 44.3

STATION EQUATION  
 STA. 2486 + 21.90 (NORTH) =  
 STA. 571 + 45.69 (SOUTH)

END SECTION 47(X-4RS-2,Z-2RS-4)RS-13  
 STA. 741 + 39.3

MAP SCALE: 0 1 MI. 2 MI.  
 GROSS LENGTH = 23,104.01 FT. = 4.376 MILES  
 NET LENGTH = 22,669.31 FT. = 4.293 MILES

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

SUBMITTED January 20, 2016

Kareel A. Swartz  
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Maureen M. Addis, PE  
 ENGINEER OF DESIGN AND ENVIRONMENT

Amir Osman, PE  
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY  
 OF THE STATE OF ILLINOIS

# INDEX OF SHEETS

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# HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
406201-01	MAILBOX TURNOUT
4200001-08	PAVEMENT JOINTS
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
424001-08	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
442101-07	CLASS B PATCHES
483001-04	PCC SHOULDER
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
542401-02	METAL END SECTION FOR PIPE CULVERTS
610001-06	SHOULDER INLET WITH CURB
630001-10	STEEL PLATE BEAM GUARDRAIL
630101-09	GUARDRAIL MOUNTED ON EXISTING CULVERTS
630301-06	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631031-14	TRAFFIC BARRIER TERMINAL, TYPE 6
642006	SHOULDER RUMBLE STRIPS, 8 IN.
667101-02	PERMANENT SURVEY MARKERS
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
701316-10	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR, FOR SPEEDS > 45 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-05	TRAFFIC CONTROL DEVICES
725001	OBJECT AND TERMINAL MARKERS
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS

FILE NAME =	USER NAME = kcyarb	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS &amp; HIGHWAY STANDARDS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
g:\L064EBIDINTEG.illinois.gov\PI00T\Doc	Documents\DOT Offices\District 5\Projects\057	CHECKED -	REVISED -			332	47IX-4RS-2,Z-2RS-4RS-13	Vermilion	58	2	
	PLT SCALE = 40.0000' / in.	DATE -	REVISED -			CONTRACT NO. 70899					
	PLT DATE = 1/25/2016					ILLINOIS FED. AID PROJECT					

# GENERAL NOTES

G.N.-100  
ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

G.N.-100A  
ELECTRONIC FILES AND/OR ELECTRONIC SURVEY INFORMATION INCLUDING CADD FILES WILL NOT BE AVAILABLE TO THE CONTRACTOR.

G.N.-105.09A  
ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. (NAVD 88)

G.N.-107.37  
UTILITY LINES WERE PLOTTED FROM INFORMATION FURNISHED BY THE VARIOUS UTILITY COMPANIES INVOLVED (QUALITY LEVEL C &/OR QUALITY LEVEL D) AND THE ACCURACY SHOULD BE CONSIDERED APPROXIMATE ONLY.

UTILITY COMPANIES MAY BE ADJUSTING THEIR FACILITIES DURING CONSTRUCTION. THE CONTRACTOR SHALL COOPERATE WITH THESE ORGANIZATIONS WHILE THESE ADJUSTMENTS ARE BEING PERFORMED. J.U.L.I.E. - JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS SYSTEM (800)892-0123 OR 811.

G.N.-280  
TEMPORARY EROSION CONTROL SEEDING IS INCLUDED IN THIS CONTRACT TO SEED DISTURBED EARTH DURING TIME PERIODS WHEN PERMANENT SEEDING IS NOT ALLOWED. SOME OR ALL OF THE TEMPORARY EROSION CONTROL SEEDING WILL BE DELETED IF IT IS POSSIBLE TO PLACE PERMANENT SEEDING ON EARTH AT THE TIME OF THEIR COMPLETION.

G.N.-280A  
THE VARIOUS MULCH PAY ITEMS IN THE PLANS INCLUDE QUANTITIES FOR TEMPORARY MULCH FOR EROSION CONTROL. THE TEMPORARY MULCH INCLUDES MAINTENANCE AND REMOVAL IF NECESSARY, PER THE REQUIREMENTS OF ARTICLE 280 OF THE STANDARD SPECIFICATIONS, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. SOME OR ALL OF THE MULCH USED AS TEMPORARY EROSION CONTROL WILL BE DELETED IF IT IS NOT NECESSARY DUE TO ESTABLISHMENT OF PERMANENT SEEDING.

G.N.-406  
THE QUANTITIES INCLUDED IN THE PLANS FOR HOT-MIX ASPHALT RESURFACING ARE INTENDED TO GIVE THE COVERAGE SHOWN ON THE TYPICAL CROSS SECTIONS. IT IS NOT INTENDED TO INCREASE THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE IN ORDER TO USE ALL OF THE QUANTITIES INCLUDED IN THE CONTRACT.

G.N. -406H  
**MIXTURE REQUIREMENTS**  
The following mixture requirements are applicable for this project:

Location(s):	US 150 / IL 1	US 150 / IL 1	US 150 / IL 1
Mixture Use(s):	HMA SURFACE HMA SHOULDER	PARTIAL DEPTH PATCH BINDER	INCIDENTAL HMA
AC/PG:	PG 64-22	PG 64-22	PG 64-22
Design Air Voids:	4.0% @ Ndes=50	4.0% @ Ndes=50	4.0% @ Ndes=50
Mixture Comp (Gradation)	IL 9.5	IL 19.0	IL 9.5
Friction Aggregate:	Mix D	N.A.	Mix C
Mixture Weight	112.0 lb/ sq yd/ in	112.0 lb/ sq yd/ in	112.0 lb/ sq yd/ in
Quality Management Program	QCP	QC / QA	QC / QA
Sublot Size	1000	N.A.	N.A.

G.N.-408B  
THE INCIDENTAL HOT-MIX ASPHALT SURFACING SHALL BE COMPACTED AS REQUIRED BY THE SPECIFICATIONS FOR DESIGN NUMBER OF GYRATIONS BEING USED, AT THE FOLLOWING LOCATIONS: ALL SIDEROADS AND SIDE STREETS

G.N.-442B -- PATCHING SCHEDULES  
THE PATCHING SCHEDULES INCLUDED IN THE PLANS REPRESENT THE BEST INFORMATION AVAILABLE AT THE TIME OF COMPLETION OF THE PLANS FOR LETTING. VARIATIONS IN LOCATION AND SIZES OF BOTH FULL-DEPTH AND PARTIAL-DEPTH PATCHES MAY OCCUR.

G.N.-542  
BEFORE ORDERING PIPE CULVERTS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR THE EXACT LENGTHS.

G.N.-609  
PRIOR TO ROUTING TRAFFIC ONTO THE SHOULDERS AS SHOWN IN THE STAGING PLANS, THE CONTRACTOR SHALL SECURE THE GRATINGS ON SHOULDER INLETS AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE PAID FOR ACCORDING TO ARTICLE 109.04.

G.N.-631  
IF THE CONTRACTOR ELECTS TO USE THE ALTERNATE MOUNTING METHOD OF THRU DRILLING THE MOUNTING HOLES FOR THE TRAFFIC BARRIER TERMINALS, TYPE 6, THE HOLES SHALL BE DRILLED USING A CORE DRILL. A HAMMER DRILL WILL NOT BE ALLOWED.

G.N.-667  
THE RESIDENT ENGINEER SHALL CONTACT THE PROGRAM DEVELOPMENT CHIEF OF SURVEYS PRIOR TO THE PRE-CONSTRUCTION CONFERENCE FOR INSTRUCTION AS TO SETTING OF TEMPORARY OR PERMANENT TIES FOR CENTERLINE ALIGNMENT CONTROL SURVEY MARKERS (PC'S, PT'S, AND PI'S). PROJECT IMPLEMENTATION PERSONNEL WILL BE RESPONSIBLE FOR LAYOUT OF THESE MARKERS.

G.N.-703A  
SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE PAVEMENT AFTER ANY OF THE FOLLOWING: COLD MILLING AND/OR PLACING BITUMINOUS MATERIALS (PRIME COAT), LEVELING BINDER (MACHINE METHOD), BINDER AND SURFACE COURSES. SHORT TERM PAVEMENT MARKING PLACED ON THE SURFACE, SHALL COINCIDE WITH THE FINAL PAVEMENT STRIPING. SHORT TERM PAVEMENT MARKING PLACED PRIOR TO THE SURFACE SHALL COINCIDE WITH THE EXISTING PAVEMENT MARKINGS. USE 4 FEET PER 40 FEET (OR 10% PER STATION).

G.N.-781  
RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH STANDARD 781001, AND THE DETAILS SHOWN IN THE PLANS. IF THERE IS ANY DISCREPANCY BETWEEN THE STANDARD AND THE DETAILS IN THE PLANS, THE DETAILS IN THE PLANS SHALL GOVERN. THE FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING THE RAISED REFLECTIVE PAVEMENT MARKERS AND THE RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED MIDWAY IN THE 30 FOOT (9 m) SPACE BETWEEN THE DASHED CENTERLINE STRIPES (WHEN APPLICABLE).

G.N.-1004.01  
COARSE AGGREGATE GRADATION CA-10 MAY BE USED WHENEVER COARSE AGGREGATE CA-6 IS SPECIFIED IN THE STANDARD SPECIFICATIONS.

**THERE ARE NO COMMITMENTS ASSOCIATED WITH THIS PROJECT.**

# SUMMARY OF QUANTITIES

LOCATION OF WORK:

FAP 332 (IL 1 / US 150)

VERMILION COUNTY

RURAL 2 LANE

LEG 1: STA. 2547+32.30 TO 2486+21.90 \*

STA. EQUATION: 2486+21.90 (NORTH) = STA. 571+45.69 (SOUTH)

LEG 2: STA. \* 571+45.69 TO 741+39.50

FUNDING:

80% FED. 20% STATE

CONSTRUCTION TYPE CODE:

0005

TOTAL

CODE NO	ITEM	UNIT	QUANTITY
20400800	FURNISHED EXCAVATION	CU YD	105.0
25000210	SEEDING, CLASS 2A	ACRE	0.25
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	23.0
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	23.0
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	23.0
25100115	MULCH, METHOD 2	ACRE	0.25
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	100.0
28000305	TEMPORARY DITCH CHECKS	FOOT	50.0
28000400	PERIMETER EROSION BARRIER	FOOT	67.0
35101400	AGGREGATE BASE COURSE, TYPE B	TON	65.0
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	35,366.0
40600990	TEMPORARY RAMP	SQ YD	254.0
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	54.0
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	5,078.0

\* SPECIALTY ITEMS

LOCATION OF WORK:

FAP 332 (IL 1 / US 150)

VERMILION COUNTY

RURAL 2 LANE

LEG 1: STA. 2547+32.30 TO 2486+21.90 \*

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LEG 2: STA. \* 571+45.69 TO 741+39.50

FUNDING:

80% FED. 20% STATE

CONSTRUCTION TYPE CODE:

0005

TOTAL

CODE NO	ITEM	UNIT	QUANTITY
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	2035.0
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	385.0
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	377.0
42400800	DETECTABLE WARNINGS	SQ FT	48.0
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	78354.0
44000165	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	SQ YD	238.0
44000300	CURB REMOVAL	FOOT	28.0
44000600	SIDEWALK REMOVAL	SQ FT	377.0
44004250	PAVED SHOULDER REMOVAL	SQ YD	181.0
44200050	WELDED WIRE REINFORCEMENT	SQ YD	274.0
44200976	CLASS B PATCHES, TYPE IV, 10 INCH	SQ YD	274.0
44201294	CLASS B PATCH - EXPANSION JOINT	FOOT	48.0
44201299	DOWEL BARS 1 1/2"	EACH	120.0
44213200	SAW CUTS	FOOT	450.0

\* SPECIALTY ITEMS

FILE NAME * p:\11\284E8ID\INTEG\Illinois.gov\PI00T\00	USER NAME * keynb Documents\DOT Offices\District 5\Projects\057	DESIGNED - DRAWN -	REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>				F.A.P. RTE. 332	SECTION 470X-4RS-2,2-2RS-4RS-13	COUNTY Vermilion	TOTAL SHEETS 58	SHEET NO. 4
PLOT SCALE * 48,0000 1/ in.	CHECKED -	REVISED -	SCALE:		SHEET	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 70899			
PLOT DATE * 1/28/2016	DATE -	REVISED -	ILLINOIS FED. AID PROJECT										

# SUMMARY OF QUANTITIES

LOCATION OF WORK:

FAP 332 (IL 1 / US 150)  
VERMILION COUNTY  
RURAL 2 LANE

LEG 1: STA. 2547+32.30 TO 2486+21.90 \*

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LEG 2: STA. \* 571+45.69 TO 741+39.50

FUNDING:

80% FED. 20% STATE

CONSTRUCTION TYPE CODE:

0005

CODE NO ITEM

UNIT

TOTAL  
QUANTITY

44213204	TIE BARS 3/4"	EACH	50.0
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	728.0
48203100	HOT-MIX ASPHALT SHOULDERS	TON	1504.0
48300410	PORTLAND CEMENT CONCRETE SHOULDERS 9 1/2"	SQ YD	193.0
52000050	PREFORMED JOINT SEAL, 4"	FOOT	92.0
54213453	END SECTIONS 18"	EACH	1.0
54248510	CONCRETE COLLAR	CU YD	0.8
542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	20.0
60100945	PIPE DRAINS, 12"	FOOT	10.0
60500060	REMOVING INLETS	EACH	2.0
61000115	TYPE E INLET BOX, STANDARD 610001	EACH	2.0
63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	175.0
63000005	STEEL PLATE BEAM GUARDRAIL, TYPE B	FOOT	100.0
63000025	STEEL PLATE BEAM GUARDRAIL, ATTACHED TO STRUCTURES	FOOT	12.5

\* SPECIALTY ITEMS

LOCATION OF WORK:

FAP 332 (IL 1 / US 150)  
VERMILION COUNTY  
RURAL 2 LANE

LEG 1: STA. 2547+32.30 TO 2486+21.90 \*

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LEG 2: STA. \* 571+45.69 TO 741+39.50

FUNDING:

80% FED. 20% STATE

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0005

CODE NO ITEM

UNIT

TOTAL  
QUANTITY

63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	1.0
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4.0
63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	1.0
63200310	GUARDRAIL REMOVAL	FOOT	578.0
63300575	REMOVE AND REERECT RAIL ELEMENT OF EXISTING GUARDRAIL	FOOT	105.0
63302700	REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 6	EACH	3.0
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	39671.0
66201120	CONCRETE SHOULDER CURB	FOOT	29.0
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	6.0
67100100	MOBILIZATION	LSUM	1.0
70100100	TRAFFIC CONTROL AND PROTECTION, STANDARD 701316	EACH	1.0
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	LSUM	1.0
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	LSUM	1.0
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1.0

\* SPECIALTY ITEMS

FILE NAME #	USER NAME #	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		SUMMARY OF QUANTITIES		F.A.P. RTE. #	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
04\VL28AE810NTEG.LLIPAS.GOV\DOT\De	dawsonkb	-	-	04\VL28AE810NTEG.LLIPAS.GOV\DOT\De	04\VL28AE810NTEG.LLIPAS.GOV\DOT\De	332	471X-4RS-2,2-2RS-4RS-13	Vermilion	58	5	CONTRACT NO. 70899	
SCALE: SHEET OF SHEETS STA. TO STA. ILLINOIS FED. AID PROJECT												

# SUMMARY OF QUANTITIES

LOCATION OF WORK: FAP 332 (IL 1 / US 150)  
 VERMILION COUNTY  
 RURAL 2 LANE  
 LEG 1: STA. 2547+32.30 TO 2486+21.90 \*  
 STA. EQUATION: 2486+21.90 (NORTH) = STA. 571+45.69 (SOUTH) LEG 2: STA. \* 571+45.69 TO 741+39.50  
 FUNDING: 80% FED. 20% STATE  
 CONSTRUCTION TYPE CODE: 0005

CODE NO	ITEM	UNIT	TOTAL QUANTITY
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1.0
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DAY	4.0
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1.0
70106700	TEMPORARY RUMBLE STRIPS	EACH	3.0
70107004	PAVEMENT MARKING BLACKOUT TAPE, 4"	FOOT	910.0
70300100	SHORT TERM PAVEMENT MARKING	FOOT	5048.0
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1984.0
72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	5.0
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	57493.0
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	290.0
78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	10.0
78300100	PAVEMENT MARKING REMOVAL	SQ FT	854.0
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	290.0
X0326223	FOAM, EXPANDING POLYURETHANE, HIGH-DENSITY	POUND	9000.0

14 \* SPECIALTY ITEMS

LOCATION OF WORK: FAP 332 (IL 1 / US 150)  
 VERMILION COUNTY  
 RURAL 2 LANE  
 LEG 1: STA. 2547+32.30 TO 2486+21.90 \*  
 STA. EQUATION: 2486+21.90 (NORTH) = STA. 571+45.69 (SOUTH) LEG 2: STA. \* 571+45.69 TO 741+39.50  
 FUNDING: 80% FED. 20% STATE  
 CONSTRUCTION TYPE CODE: 0005

CODE NO	ITEM	UNIT	TOTAL QUANTITY
X0326767	PROFILE DIAMOND GRINDING CONCRETE PAVEMENT	SQ YD	319.0
X4400196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	4522.0
XZ193400	SURVEY MARKER, TYPE 2 (SPECIAL)	EACH	24.0
Z0013798	CONSTRUCTION LAYOUT	LSUM	1.0
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	22670.0

5

\* SPECIALTY ITEMS

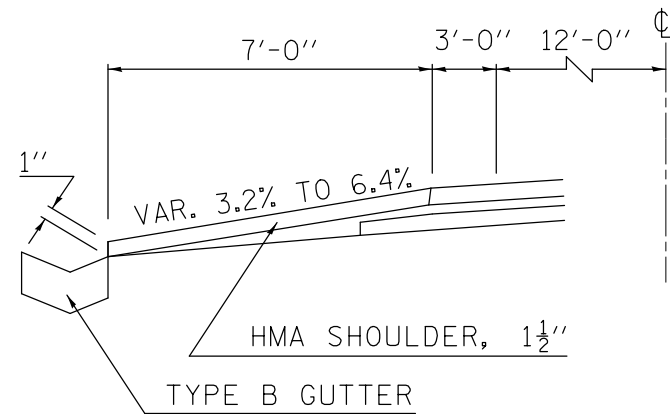
( SOUTHBOUND )

TRANSITION TO SUPER :  
2549+39.00 TO 2545+94.00

TRANSITION FROM SUPER :  
2535+37.75 TO 2532+67.00

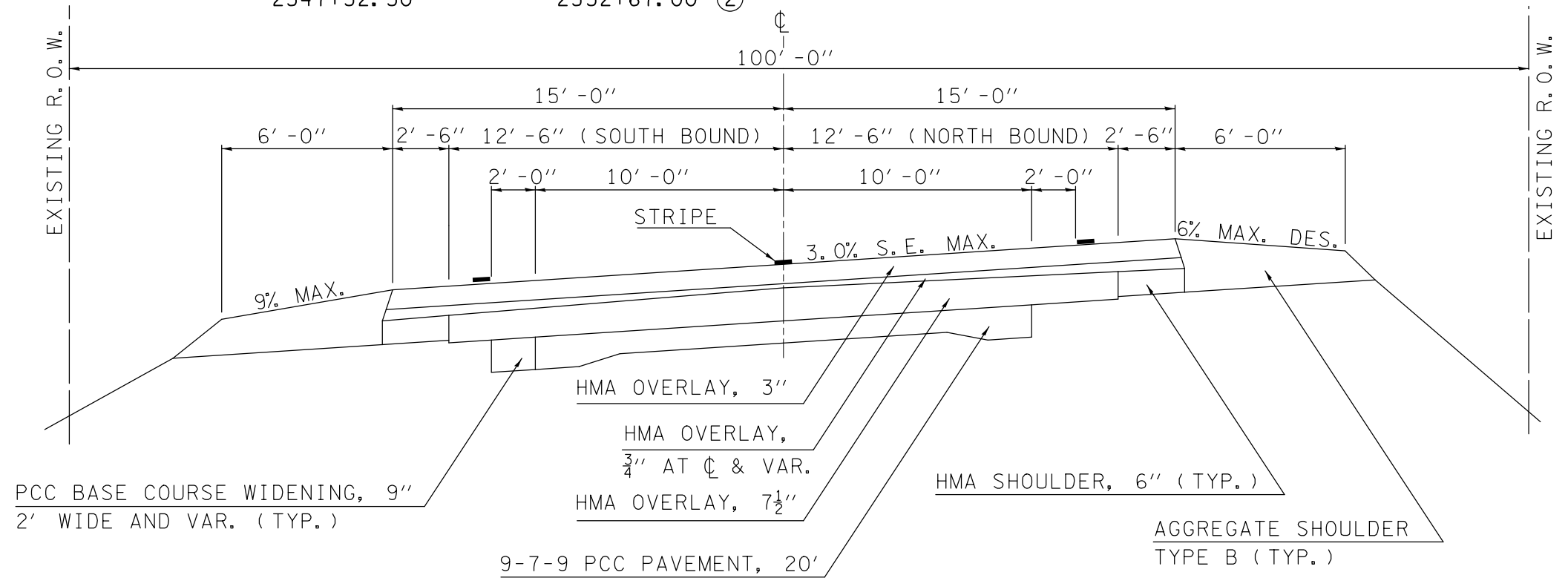
**SOUTH BOUND  
SHOULDER DETAIL ADJACENT TO GUTTER**

STA. 2535+59.00 LT TO STA 2531+12.24 LT



**1 EXISTING TYPICAL CROSS SECTION** ( STATIONING DECREASES TO THE SOUTH )

STATION TO STATION  
2547+32.30 TO 2532+67.00 ②

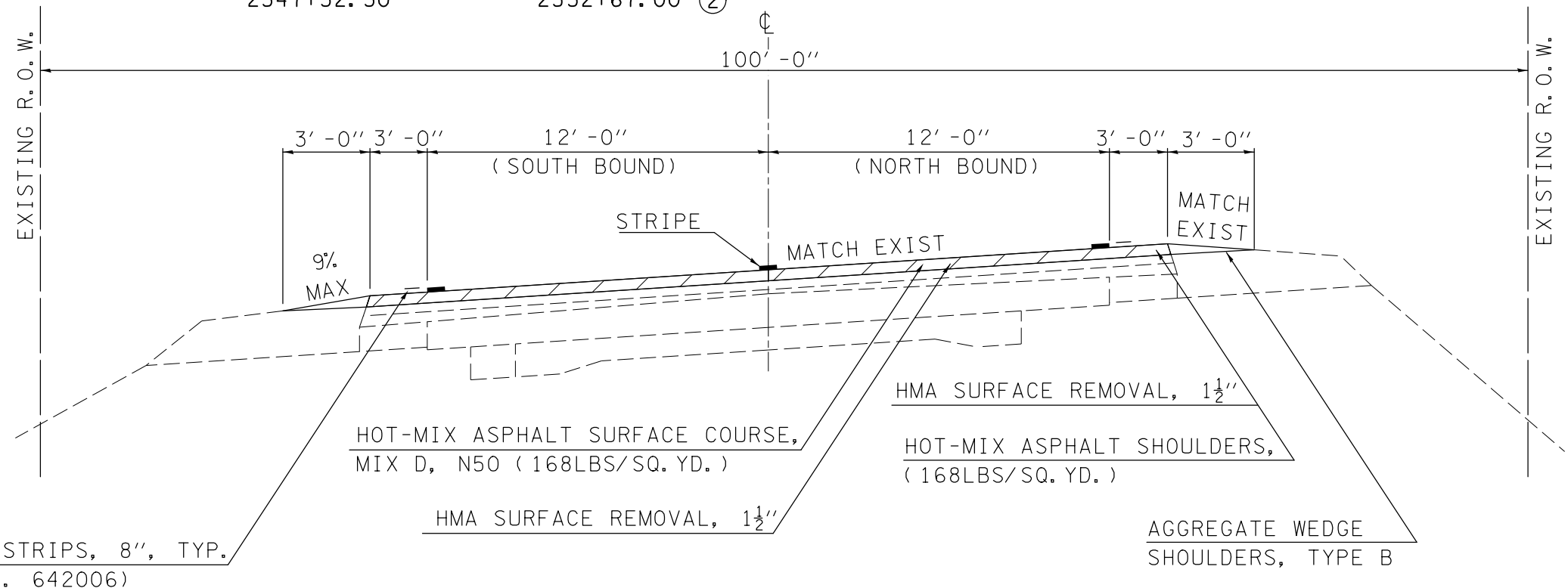
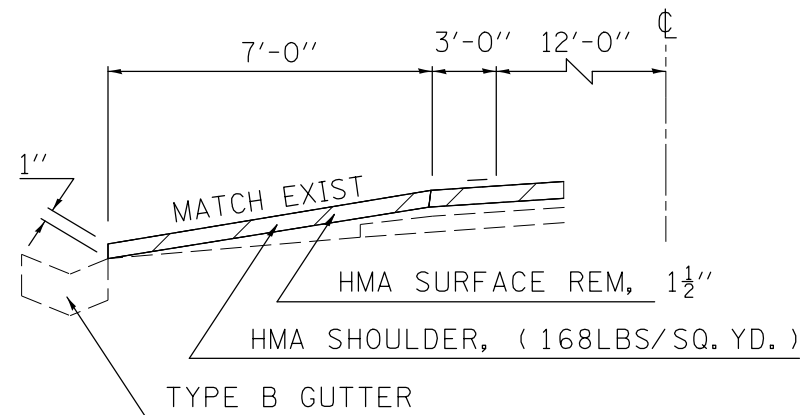


**1 PROPOSED TYPICAL CROSS SECTION** ( STATIONING DECREASES TO THE SOUTH )

STATION TO STATION  
2547+32.30 TO 2532+67.00 ②

**SOUTH BOUND  
SHOULDER DETAIL ADJACENT TO GUTTER**

STA. 2535+59.00 LT TO STA 2531+12.24 LT

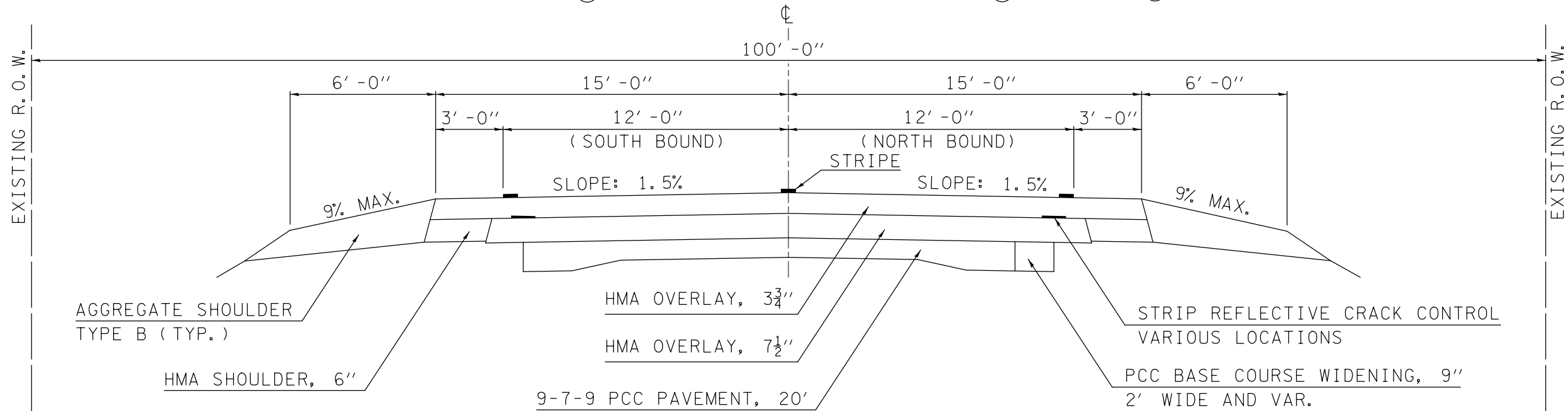


SHOULDER RUMBLE STRIPS, 8", TYP.  
( SEE HIGHWAY STD. 642006 )

FILE NAME =	USER NAME = keyarb	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL CROSS SECTIONS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\05798\Drawings\Design\0570899-shr-Typicals.dwg	DESIGNED -	REVISED -	332					47(X-4RS-2,Z-2RS-4)RS-13	Vermillion	58	7	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70899									
PLOT DATE = 1/28/2016	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									

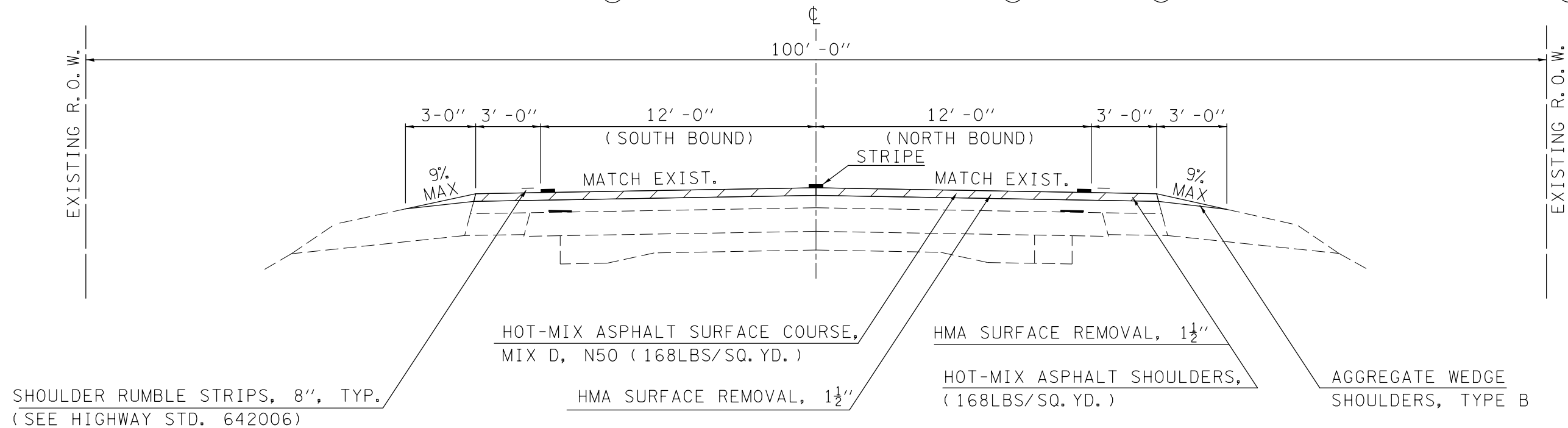
**2 EXISTING TYPICAL CROSS SECTION** (STATIONING DECREASES TO THE SOUTH)

STATION	TO	STATION	
① 2532+67.00		2524+78.42 *	* RESURFACING OMISSION AT S.N.092-0206
③ 2507+51.44		2503+51.50 ④	② STA 2524+78.42 TO STA 2520+44.37 ③



**2 PROPOSED TYPICAL CROSS SECTION** (STATIONING DECREASES TO THE SOUTH)

STATION	TO	STATION	
① 2532+67.00		2524+78.42 *	* RESURFACING OMISSION AT S.N.092-0206
③ 2507+51.44		2503+51.50 ④	② STA 2524+78.42 TO STA 2520+44.37 ③



FILE NAME =	USER NAME = keyarb	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL CROSS SECTIONS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 5\Projects\05798\Drawings\Design\0570899-shr-Typicals.dwg	DESIGNED -	REVISED -	REVISED -					332	47(X-4RS-2,Z-2RS-4)RS-13	Vermilion	58	8
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 70899				
PLOT DATE = 1/28/2016	DATE -	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							

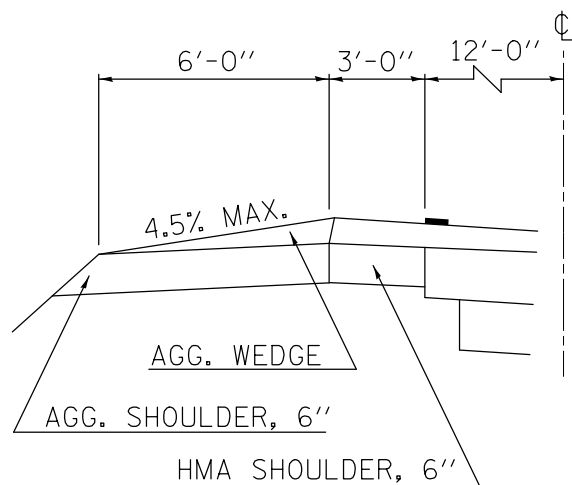


( SOUTHBOUND )  
 TRANSITION TO SUPER :  
 2521+50.00 TO 2519+42.25

TRANSITION FROM SUPER :  
 2510+11.45 TO 2507+51.44

**AGGREGATE SHOULDER DETAIL**

(WEST) LT. 2520+04.80 TO 2516+64.48  
 (WEST) LT. 2510+00.00 TO 2507+51.44  
 (EAST) RT. 2509+92.40 TO 2507+51.44



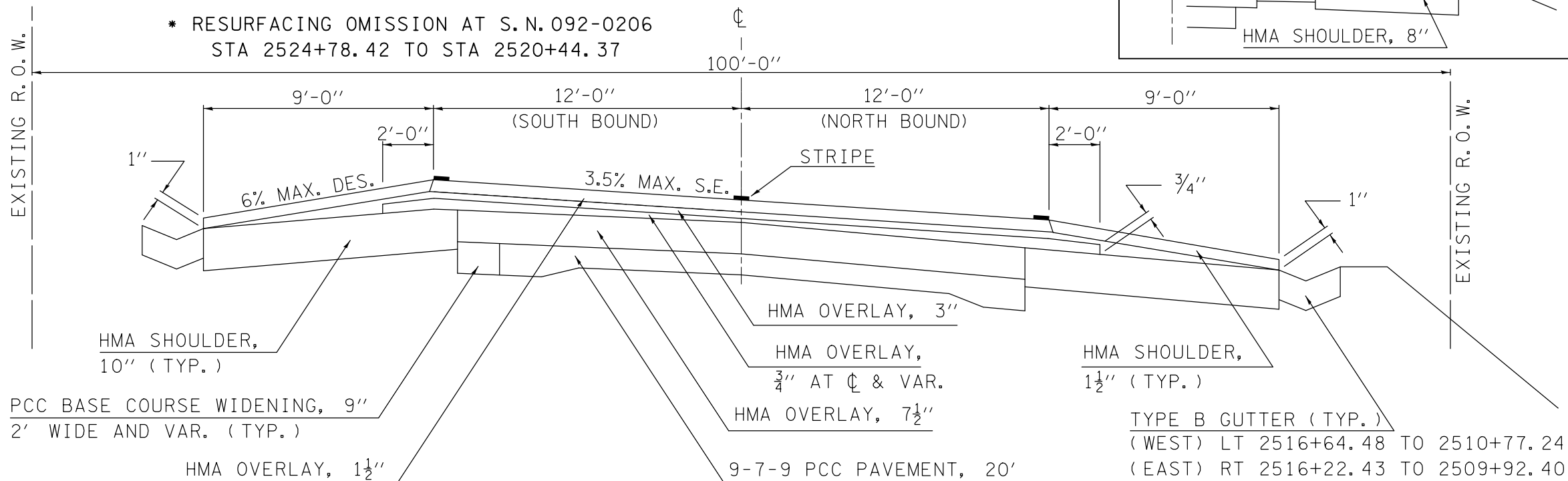
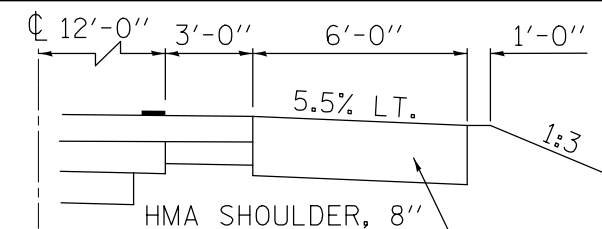
**3 EXISTING TYPICAL CROSS SECTION**

( STATIONING DECREASES TO THE SOUTH )

STATION TO STATION  
 \* 2520+44.37 TO 2507+51.44 (2)

\* RESURFACING OMISSION AT S. N. 092-0206  
 STA 2524+78.42 TO STA 2520+44.37

( EAST ) RT 2520+44.37 TO STA 2516+22.43



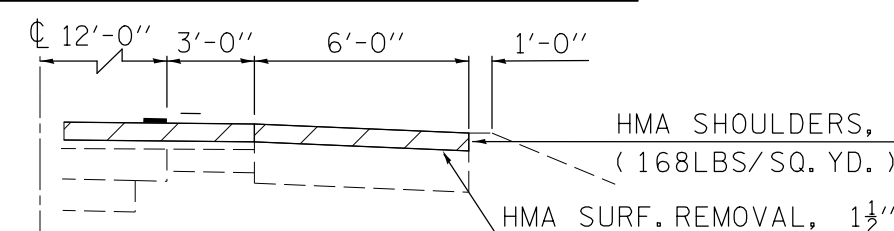
**3 PROPOSED TYPICAL CROSS SECTION**

( STATIONING DECREASES TO THE SOUTH )

STATION TO STATION  
 \* 2520+44.37 TO 2507+51.44 (2)

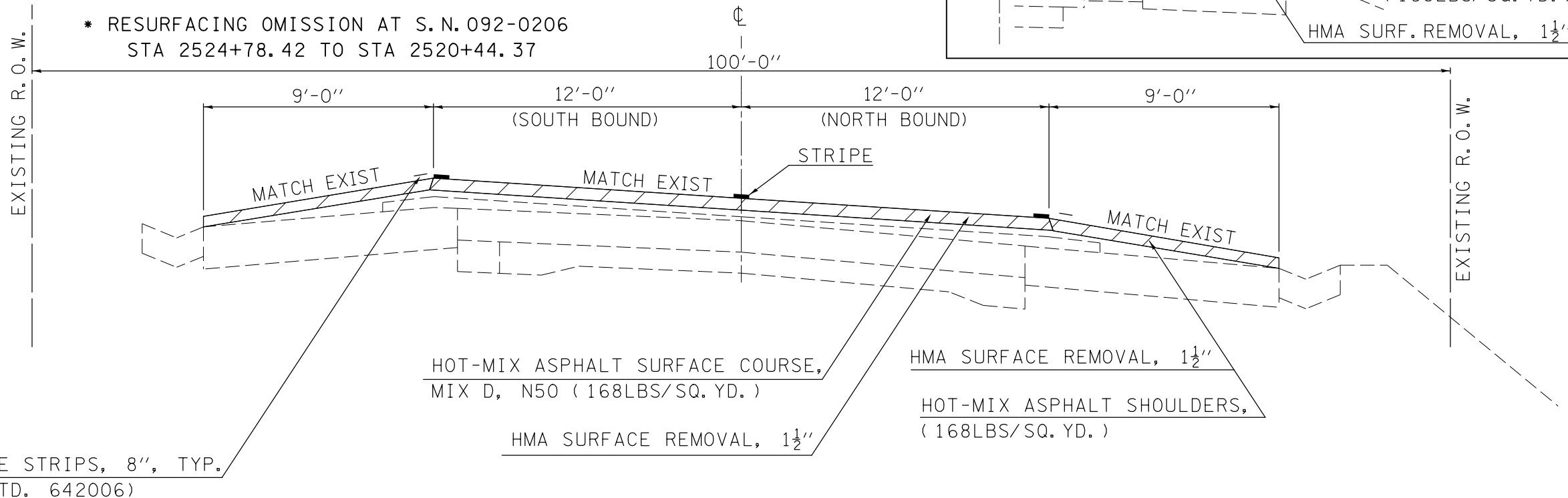
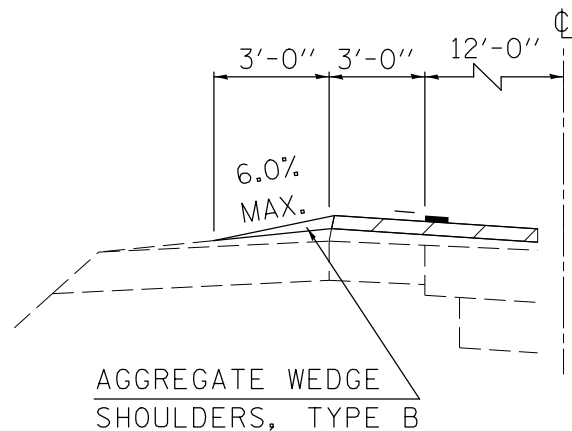
\* RESURFACING OMISSION AT S. N. 092-0206  
 STA 2524+78.42 TO STA 2520+44.37

( EAST ) RT 2520+44.37 TO STA 2516+22.43



**AGGREGATE SHOULDER DETAIL**

(WEST) LT. 2520+04.80 TO 2516+64.48  
 (WEST) LT. 2510+00.00 TO 2507+51.44  
 (EAST) RT. 2509+92.40 TO 2507+51.44

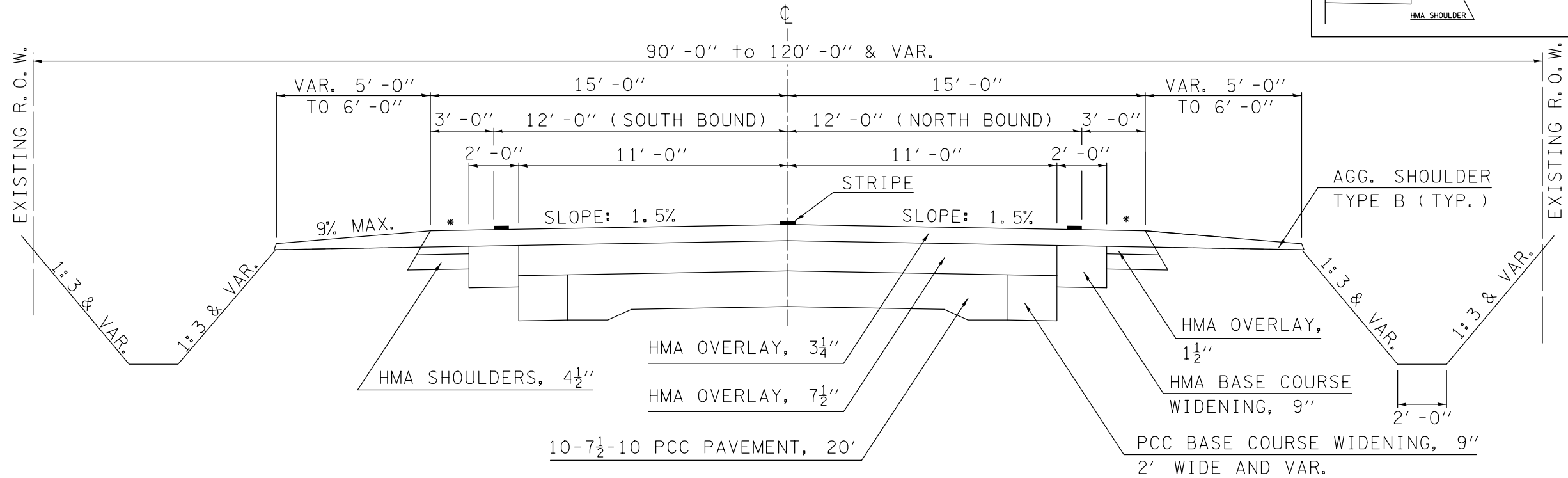
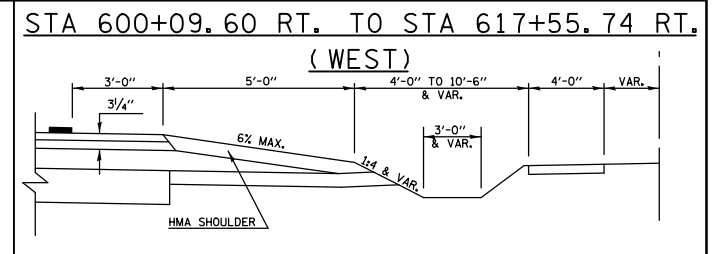


FILE NAME =	USER NAME = keyarb	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL CROSS SECTIONS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\DOT Offices\District 5\Projects\05798\DRAWING\05798\05798-shr-typicals.dwg	DESIGNED -	REVISED -	332					47(X-4RS-2,Z-2RS-4)RS-13	Vermillion	58	9	
PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70899									
PLOT DATE = 1/24/2016	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									

### 4 EXISTING TYPICAL CROSS SECTION

\* STATION EQUATION  
 POT AT STA. 2486+21.90 = POT AT 571+45.69

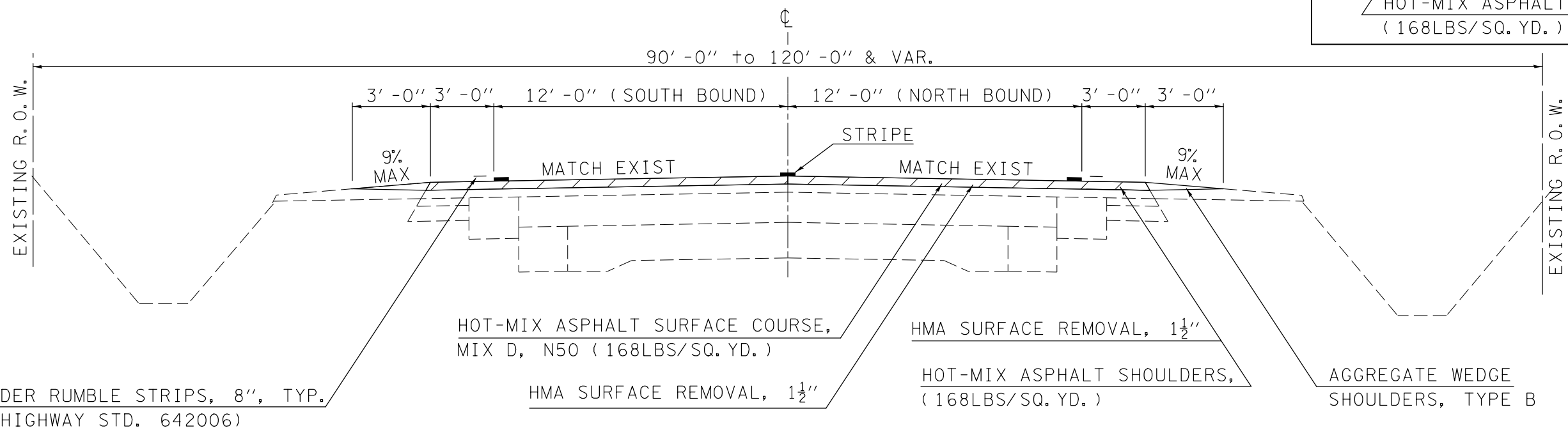
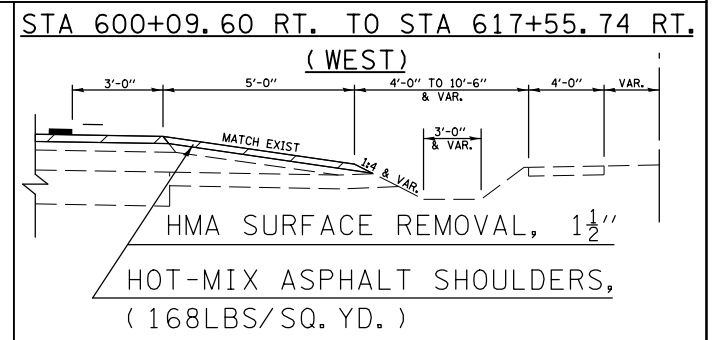
STATION TO STATION  
 ② 2503+51.50 TO 2486+21.90 \* (STA. DECREASES TO SOUTH)  
 \* 571+45.69 TO 741+39.50 (STA. INCREASES TO SOUTH)



### 4 PROPOSED TYPICAL CROSS SECTION

\* STATION EQUATION  
 POT AT STA. 2486+21.90 = POT AT 571+45.69

STATION TO STATION  
 ② 2503+51.50 TO 2486+21.90 \* (STA. DECREASES TO SOUTH)  
 \* 571+45.69 TO 741+39.50 (STA. INCREASES TO SOUTH)



FILE NAME =	USER NAME = keyarb	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL CROSS SECTIONS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\05798\Drawings\Design\0570899-shr-Typicals.dwg	DESIGNED -	REVISED -	332					47(X-4RS-2,Z-2RS-4)RS-13	Vermillion	58	10	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70899									
PLOT DATE = 1/28/2016	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									

# SCHEDULE OF QUANTITIES

LOCATION	EARTH EXCAVATION* (CUT)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE**	EMBANKMENT (FILL)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	20400800 FURNISH EXCAVATION
	CU YD	CU YD	CU YD	CU YD	CU YD
RT STA. 2523+83 TO RT STA. 2524+41	2		11	-10	10
LT STA. 2536+10 TO LT STA. 2539+22	0	0	27	-27	27
RT STA. 2535+25 TO RT STA. 2538+60	0	0	70	-70	70
LT STA. 714+25 TO LT STA. 714+77	8	6	1	5	-5
TOTAL	10	8	109	-102	102
USE	-	-	-	-	105

NOTES:  
 \*THE COST OF ALL EARTH EXCAVATION IS INCLUDED IN THE UNIT COST OF THE AGGREGATE WEDGE SHOULDERS, TYPE B PAY ITEM. THIS EXCAVATION SHALL NOT LEAVE THE SITE AND MUST BE INCORPORATED INTO THE PROPOSED EMBANKMENT.

OFFSET DIRECTION	STATION	STATION	LENGTH FOOT	WIDTH FOOT	AREA SQ FT	25000210 SEEDING CLASS 2A	25000400 NITROGEN FERTILIZER NUTRIENT	25000500 PHOSPHORUS FERTILIZER NUTRIENT	25000600 POTASSIUM FERTILIZER NUTRIENT	25100115 MULCH, METHOD 2	28000250 TEMPORARY EROSION CONTROL SEEDING*
						ACRE	ACRE	ACRE	ACRE	ACRE	POUND
EAST	LT	714+26.0	714+78.0	52.0	8	416	0.010	0.860	0.860	0.860	0.955
EAST	RT	2521+50.0		3	5	15	0.000	0.031	0.031	0.000	0.034
WEST	LT	2521+62.0		3	5	15	0.000	0.031	0.031	0.000	0.034
EAST	RT	2524+00.0	2524+45.0	45.0	15	675	0.015	1.395	1.395	0.015	1.550
EAST	RT	2535+00.0	2538+50.0	350.0	18	6300	0.145	13.017	13.017	0.145	14.463
WEST	LT	2536+00.0	2539+00.0	300.0	12	3600	0.083	7.438	7.438	0.083	8.264
TOTAL							0.25	22.77	22.77	0.25	25.30
USE							0.25	23	23	0.25	100

\*ALLOWS FOR FOUR APPLICATIONS

OFFSET DIRECTION	STATION	STATION	LENGTH FOOT	28000305 TEMPORARY DITCH CHECKS	28000400 PERIMETER EROSION BARRIER
				FOOT	FOOT
WEST	36' LT	2537+46.0		14	
EAST	40' RT	2537+44.0		10	
WEST	35' LT	2537+08.0		14	
EAST	47' RT	2536+82.0		12	
EAST	48' RT	2536+38.0	2535+71.7		66.3
TOTAL				50	66.3
USE				50	67

OFFSET DIRECTION	STATION	TO	STATION	LENGTH FOOT	AVERAGE WIDTH FOOT	44000155 HOT-MIX ASPHALT SURFACE REMOVAL, 1.5"	40603335 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	40600290 BITUMINOUS MATERIAL (TACK COAT)	Z0033700 LONGITUDINAL JOINT SEALANT	
						SQ YD	TON	POUND	FOOT	
EAST	RT		2524+79.0	2253.3	12.0	3004.4	252.4	1352.0	22669.8	
	RT		2486+21.9	3422.3	12.0	4563.1	383.3	2053.4		
	LT		741+39.9	16994.2	12.0	22658.9	1903.3	10196.5		
	EAST SUBTOTAL						30226.4	2539.0		13601.9
WEST	LT		2524+79.0	2253.3	12.0	3004.4	252.4	1352.0		
	LT		2486+21.9	3422.3	12.0	4563.1	383.3	2053.4		
	RT		741+39.9	16994.2	12.0	22658.9	1903.3	10196.5		
	WEST SUBTOTAL						30226.4	2539.0		13601.9
TOTAL						60452.8	5078.0	27203.7		22669.8
USE						*	5078.0	*		22670

\*SEE ITEM SUMMARY SCHEDULE

LOCATION	LENGTH	WIDTH	40600990 TEMPORARY RAMP
	FOOT	FOOT	SQ YD
PROJECT NORTH END	5	24	13.3
OLD DAM ROAD	20	5	11.1
WOODLAWN ROAD	20	5	11.1
NORTH SIDE OF SN 092-0206	5	24	13.3
SOUTH SIDE OF SN 092-0206	5	24	13.3
OLD DAM ROAD	20	5	11.1
TR 417 A	20	5	11.1
WEST 550 N	20	5	11.1
EAST 550 N	20	5	11.1
OHIO	20	5	11.1
ASH	20	5	11.1
WEST INDIANA	20	5	11.1
EAST INDIANA	20	5	11.1
COLLEGE	20	5	11.1
WEST ILLINOIS	20	5	11.1
EAST ILLINOIS	20	5	11.1
470 N	20	5	11.1
WEST 400 N	20	5	11.1
EAST 400 N	20	5	11.1
WEST 350 N	20	5	11.1
EAST 350 N	20	5	11.1
PROJECT SOUTH END	5	24	13.3
TOTAL			253.3
USE			254.0

ITEM*	40600290 BITUMINOUS MATERIAL (TACK COAT)
	POUND
HMA SURFACE COURSE	27203.7
HMA SHOULDERS	8055.4
HMA PATCHING	106.8
TOTAL	35366.0
USE	35366.0

\*SEE HMA ITEM SCHEDULES FOR LOCATION DETAILS

# SCHEDULE OF QUANTITIES

OFFSET DIRECTION	STATION	TYPE	MATERIAL	AREA SQ FT	AREA SQ YD	X4400196	40800029	40800050	35101400
						HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL SQ YD	BITUMINOUS MATERIALS (TACK COAT) POUND	INCIDENTAL HOT-MIX ASPHALT SURFACING TON	AGGREGATE BASE COURSE, TYPE B TON
EAST	RT	2545+09.3	FE	AGG	86.4	9.6	9.6	4.3	0.8
	RT	2542+60.9	FE	EARTH	146.3	16.3	16.3	7.3	1.4
	RT	2538+79.9	PE/FE	HMA	462.2	51.4	51.4	23.1	4.3
	RT	2531+02.8	FE	EARTH	143.9	16.0	16.0	7.2	1.3
	RT	2527+53.3	FE	AGG	132.8	14.8	14.8	6.6	1.2
	RT	2524+51.8	PE	AGG	0.0	0.0	0.0	0.0	0.0
	RT	2504+52.2	PE	AGG	296.2	32.9	32.9	14.8	2.8
	RT	2502+53.0	PE	AGG	262.6	29.2	29.2	13.1	2.5
	RT	2494+76.8	CE	AGG	265.1	29.5	29.5	13.3	2.5
	RT	2492+19.4	CE	AGG	261.8	29.1	29.1	13.1	2.4
	RT	2490+13.7	TR 417A	HMA	978.9	108.8	108.8	48.9	9.1
	RT	2489+32.8	CE	AGG	326.8	36.3	36.3	16.3	3.1
	RT	2488+12.6	PE	AGG	284.2	31.6	31.6	14.2	2.7
	LT	579+78.2	PE	EARTH	475.5	52.8	52.8	23.8	4.4
	LT	581+79.9	PE	AGG	460.5	51.2	51.2	23.0	4.3
	LT	583+16.0	CR 550N	HMA	940.4	104.5	104.5	47.0	8.8
	LT	587+48.4	MBTO	-	278.0	30.9	30.9	13.9	2.6
	LT	592+33.2	MBTO	-	257.9	28.7	28.7	12.9	2.4
	LT	593+70.5	MBTO	-	273.7	30.4	30.4	13.7	2.6
	LT	594+73.3	OHIO AVE.	HMA					
	LT	595+82.5	PE	AGG	2691.9	299.1	299.1	134.6	25.1
	LT	596+22.5	PE	AGG					
	LT	596+87.7	PE	AGG					
	LT	598+15.3	PE	AGG	353.7	39.3	39.3	17.7	3.3
	LT	599+85.0	PE	AGG	263.8	29.3	29.3	13.2	2.5
	LT	601+14.8	PE/ALLEY	AGG	357.0	39.7	39.7	17.9	3.3
	LT	601+55.3	PE	EARTH	292.1	32.5	32.5	14.6	2.7
	LT	602+57.8	PE	EARTH	244.1	27.1	27.1	12.2	2.3
	LT	603+29.5	INDIANA AVE.	HMA	1017.3	113.0	113.0	50.9	9.5
	LT	606+92.7	PE	EARTH	92.8	10.3	10.3	4.6	0.9
	LT	610+50.4	ILLINOIS AVE.	HMA	1188.8	132.1	132.1	59.4	11.1
	LT	616+07.5	PE	AGG	269.2	29.9	29.9	13.5	2.5
LT	630+05.7	PE	AGG	339.8	37.8	37.8	17.0	3.2	
LT	637+33.8	FE	EARTH	111.7	12.4	12.4	5.6	1.0	
LT	638+14.1	FE	AGG	0.0	0.0	0.0	0.0	0.0	
LT	650+87.7	FE	AGG	118.6	13.2	13.2	5.9	1.1	
LT	662+21.9	FE	EARTH	177.6	19.7	19.7	8.9	1.7	
LT	664+73.9	CR 400N	AGG	1124.4	124.9	124.9	56.2	10.5	
LT	691+91.5	CR 350N	HMA	810.4	90.0	90.0	40.5	7.6	
LT	701+04.6	PE	AGG	318.7	35.4	35.4	15.9	3.0	
LT	704+69.9	PE	AGG	395.0	43.9	43.9	19.8	3.7	
LT	714+55.0	PROPOSED MBTO	-	232.9	25.9	0.0	0.0	4.7	
LT	714+93.4	PE	AGG	360.4	40.0	40.0	18.0	3.4	
LT	732+81.3	FE	EARTH	117.7	13.1	13.1	5.9	1.1	
<b>EAST SUB-TOTAL</b>						<b>1886.5</b>	<b>848.9</b>	<b>163.2</b>	<b>9.5</b>

LOCATIONS ARE LISTED FROM NORTH TO SOUTH

FE = FIELD ENTRANCE  
PE = PRIVATE ENTRANCE  
CE = COMMERCIAL ENTRANCE

BIT. PRIME RATE = 0.05 LB/SQ FT

# SCHEDULE OF QUANTITIES

OFFSET DIRECTION	STATION	TYPE	MATERIAL	AREA SQ FT	AREA SQ YD	X4400196	40800029	40800050	35101400	
						HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	BITUMINOUS MATERIALS (TACK COAT)	INCIDENTAL HOT-MIX ASPHALT SURFACING	AGGREGATE BASE COURSE, TYPE B	
						SQ YD	POUND	TON	TON	
LT	2547+14.5	PE/OLD DAM RD	AGG/HMA	910.7	101.2	101.2	45.5	8.5		
LT	2542+61.8	ALLEY	EARTH	120.5	13.4	13.4	6.0	1.1		
LT	2527+86.8	PE	AGG	240.1	26.7	26.7	12.0	2.2		
LT	2519+60.6	FE	EARTH	0.0	0.0	0.0	0.0	0.0		
LT	2510+36.8	OLD DAM RD	HMA	2315.8	257.3	257.3	115.8	21.6		
LT	2503+99.6	MBTO	-	266.2	29.6	29.6	13.3	2.5		
LT	2502+55.9	MBTO	-	340.0	37.8	37.8	17.0	3.2		
LT	2499+82.7	PE	HMA	497.9	55.3	55.3	24.9	4.6		
LT	2491+81.2	FE	EARTH	112.4	12.5	12.5	5.6	1.0		
LT	2490+11.7	PE	AGG	356.5	39.6	39.6	17.8	3.3		
LT	2486+97.7	PE	AGG	364.4	40.5	40.5	18.2	3.4		
RT	575+51.8	PE	AGG	245.6	27.3	27.3	12.3	2.3		
RT	583+33.1	CR 550N	HMA	1065.9	118.4	118.4	53.3	9.9		
RT	583+92.3	PE	AGG	399.1	44.3	44.3	20.0	3.7		
RT	585+22.4	PE	AGG	367.8	40.9	40.9	18.4	3.4		
RT	586+24.4	PE	AGG	291.8	32.4	32.4	14.6	2.7		
RT	586+94.8	PE	AGG	298.3	33.1	33.1	14.9	2.8		
RT	588+64.4	PE	HMA	264.4	29.4	29.4	13.2	2.5		
RT	592+33.2	PE	PCC	246.6	27.4	27.4	12.3	2.3		
RT	594+00.3	PE	AGG	529.8	58.9	58.9	26.5	4.9		
RT	597+16.4	PE	AGG	350.6	39.0	39.0	17.5	3.3		
RT	599+82.0	ASH ST.	HMA	1046.2	116.2	116.2	52.3	9.8		
RT	601+39.5	CE/ALLEY	AGG	295.6	32.8	32.8	14.8	2.8		
RT	603+42.2	INDIANA AVE.	HMA	985.4	109.5	109.5	49.3	9.2		
RT	605+20.9	PE/ALLEY	AGG	55.8	6.2	6.2	2.8	0.5		
RT	607+00.2	COLLEGE AVE.	HMA	926.5	102.9	102.9	46.3	8.6		
RT	608+81.0	ALLEY	AGG	55.0	6.1	6.1	2.8	0.5		
RT	609+23.5	PE	HMA	276.7	30.7	30.7	13.8	2.6		
RT	610+60.6	ILLINOIS AVE.	HMA	935.2	103.9	103.9	46.8	8.7		
RT	612+38.2	ALLEY	AGG	133.4	14.8	14.8	6.7	1.2		
RT	616+27.0	PE	AGG	188.8	21.0	21.0	9.4	1.8		
RT	618+09.3	PE	AGG	546.6	60.7	60.7	27.3	5.1		
RT	618+73.0	PE	AGG	0.0	0.0	0.0	0.0	0.0		
RT	622+09.9	FE	EARTH	125.8	14.0	14.0	6.3	1.2		
RT	624+19.3	CR 470N	AGG	950.7	105.6	105.6	47.5	8.9		
RT	627+90.0	PE	AGG	388.3	43.1	43.1	19.4	3.6		
RT	633+65.6	FE	AGG	0.0	0.0	0.0	0.0	0.0		
RT	637+75.9	FE	EARTH	99.4	11.0	11.0	5.0	0.9		
RT	640+71.2	PEABODY COAL CE	HMA	2471.9	274.7	274.7	123.6	23.1		
RT	648+07.6	FE	EARTH	102.1	11.3	11.3	5.1	1.0		
RT	664+77.1	CR 400N	HMA	2081.8	231.3	231.3	104.1	19.4		
RT	667+48.7	CE	AGG	115.6	12.8	12.8	5.8	1.1		
RT	678+24.1	CE	PCC	0.0	0.0	0.0	0.0	0.0		
RT	691+20.1	FE	EARTH	138.9	15.4	15.4	6.9	1.3		
RT	692+01.7	CR 350N	HMA	1017.2	113.0	113.0	50.9	9.5		
RT	694+99.6	FE	EARTH	129.9	14.4	14.4	6.5	1.2		
RT	701+04.6	FE	EARTH	117.6	13.1	13.1	5.9	1.1		
RT	704+90.5	PE	AGG	265.8	29.5	29.5	13.3	2.5		
RT	705+71.6	FE	EARTH	150.7	16.7	16.7	7.5	1.4		
RT	721+31.2	PE	AGG	422.2	46.9	46.9	21.1	3.9		
RT	729+73.7	FE	AGG	109.3	12.1	12.1	5.5	1.0		
WEST SUB-TOTAL						2635.2	1185.8	221.4	0.0	
EAST SUB-TOTAL						1886.5	848.9	163.2	9.5	
TOTAL						4521.7	2034.7	384.5	9.5	
USE						4522.0	2035.0	385.0	10.0	

LOCATIONS ARE LISTED FROM NORTH TO SOUTH  
 FE = FIELD ENTRANCE  
 PE = PRIVATE ENTRANCE  
 CE = COMMERCIAL ENTRANCE  
 BIT. PRIME RATE = 0.05 LB/SQ FT

SEE SHEET 15 FOR  
ADDITIONAL QUANTITY

# SCHEDULE OF QUANTITIES

LOCATION	44000600	42400200	42400800
	SIDEWALK REMOVAL SQ FT	PORTLAND CEMENT CONCRETE SIDEWALK, 5" SQ FT	DETECTABLE WARNINGS SQ FT
NW INDIANA	73.8	73.8	8.0
SW INDIANA	61.1	61.1	8.0
NW COLLEGE	42.5	42.5	8.0
SW COLLEGE	18.5	18.5	8.0
NW ILLINOIS	63.6	63.6	8.0
SW ILLINOIS	117.2	117.2	8.0
TOTAL	376.7	376.7	48.0
USE	377.0	377.0	48.0

OFFSET DIRECTION	STATION	TO	STATION	44004250
				PAVED SHOULDER REMOVAL* SQ YD
EAST	12' RT	2521+17.0	2521+59.0	37.4
	12' RT	2523+70.0	2524+30.2	55.1
WEST	12' LT	2521+17.0	2521+74.2	47.5
	12' LT	2523+81.5	2524+30.2	12.3
	12' LT	2524+79.0	252+19.2	28.6
TOTAL				180.9
USE				181.0

\*THE AREA OF THE 2'-10" LONG x 5'-3" WIDE INLET BOXES ARE NOT INCLUDED IN THE PAVED SHOULDER AREA SINCE REMOVAL OF THE INLET BOX IS INCLUDED IN THE 'REMOVING INLETS' ITEM.

ITEM*	44000155
	HOT-MIX ASPHALT SURFACE REMOVAL, 1.5" SQ YD
HMA SURFACE COURSE	60452.8
HMA SHOULDERS	17900.9
TOTAL	78353.7
USE	78354.0

\*SEE HMA ITEM SCHEDULES FOR LOCATION DETAILS

DIRECTION	STATION	LENGTH FT	WIDTH FT	AREA SQ YD	4400165	40600290	40603080
					HOT-MIX ASPHALT SURFACE REMOVAL, 4" SQ YD	BITUMINOUS MATERIALS (TACK COAT) POUND	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 TON
SOUTHBOUND	2530+88.0	6	12	8.0	8.0	3.6	1.8
	2530+53.0	6	12	8.0	8.0	3.6	1.8
	2515+98.0	6	12	8.0	8.0	3.6	1.8
	654+17.0	6	12	8.0	8.0	3.6	1.8
	655+49.0	6	12	8.0	8.0	3.6	1.8
	666+07.0	6	12	8.0	8.0	3.6	1.8
	680+17.0	6	12	8.0	8.0	3.6	1.8
	683+34.0	6	12	8.0	8.0	3.6	1.8
	686+57.0	6	12	8.0	8.0	3.6	1.8
	687+23.0	6	12	8.0	8.0	3.6	1.8
	688+61.0	6	12	8.0	8.0	3.6	1.8
	701+31.0	6	12	8.0	8.0	3.6	1.8
	713+61.0	6	12	8.0	8.0	3.6	1.8
	715+04.0	6	12	8.0	8.0	3.6	1.8
	SB SUB-TOTALS					112.0	50.4
NORTHBOUND	715+04.0	6	12	8.0	8.0	3.6	1.8
	713+61.0	10	12	13.3	13.3	6.0	3.0
	701+31.0	6	12	8.0	8.0	3.6	1.8
	688+61.0	6	12	8.0	8.0	3.6	1.8
	687+23.0	6	12	8.0	8.0	3.6	1.8
	686+57.0	6	12	8.0	8.0	3.6	1.8
	683+34.0	6	12	8.0	8.0	3.6	1.8
	680+17.0	6	12	8.0	8.0	3.6	1.8
	666+07.0	6	12	8.0	8.0	3.6	1.8
	655+49.0	6	12	8.0	8.0	3.6	1.8
	654+17.0	6	12	8.0	8.0	3.6	1.8
	641+11.0	6	12	8.0	8.0	3.6	1.8
	637+12.0	6	12	8.0	8.0	3.6	1.8
	2515+98.0	6	12	8.0	8.0	3.6	1.8
	2530+53.0	6	12	8.0	8.0	3.6	1.8
NB SUB-TOTALS					125.3	56.4	28.1
TOTAL					237.3	106.8	53.2
USE					238.0	*	54.0

\*SEE ITEM SUMMARY SCHEDULE  
BIT. PRIME RATE = 0.05 LB/SQ FT

OFFSET DIRECTION	STATION	TO	STATION	44000300	66201120
				CURB REMOVAL FOOT	CONCRETE SHOULDER CURB FOOT
EAST	RT	2521+46.3	2521+59.2	12.9	
	RT	2521+46.0	2521+59.2		13.2
WEST	LT	2521+59.1	2521+74.2	15.1	
	LT	2521+58.6	2521+74.2		15.6
TOTAL				28.0	28.8
USE				28.0	29.0

# SCHEDULE OF QUANTITIES

LOCATION	OFFSET DIR.	STATION	TO	STATION	LENGTH FOOT	AVERAGE WIDTH FOOT	44200976	44200500	44201299	44213204	44201294	44213200	52000050	35100400	X0326223		
							CLASS B PATCH, TYPE IV, 10" SQ YD	WELDED WIRE REINFORCEMENT SQ YD	DOWEL BARS 1 1/2" EACH	TIE BARS 3/4" EACH	CLASS B PATCH - EXPANSION JOINT FOOT	SAW CUTS FOOT	PREFORMED JOINT SEAL, 4" FOOT	AGGREGATE BASE COURSE TYPE B* TON	FOAM, EXPANDING POLYURETHANE, HIGH-DENSITY POUND		
SOUTH OF SN 092-0206	RT	2521+17.0		2521+64.3	47.3	12.0	63.1	63.1	30.0			12.0	130.0		12.6	4500	
	LT	2521+17.0		2521+69.0	52.0	12.0	69.3	69.3	30.0	24.0		12.0	89.0		13.9		
NORTH OF SN 092-0206	RT	2523+75.1		2524+30.2	55.1	12.0	73.5	73.5	30.0			12.0	146.0		14.7	4500	
	LT	2523+79.4		2524+30.2	50.8	12.0	67.8	67.8	30.0	26.0		12.0	85.0		13.6		
TOTAL							273.7	273.7	120.0	50.0		48.0	450.0		92.0	54.7	9000.0
USE							274.0	274.0	120.0	50.0		48.0	450.0		92.0	55.0	9000

\*AGG. BASE CSE. TY A TO BE PLACED BENEATH THE CLASS B PATCH AREA IF REQUIRED BY THE ENGINEER.

SEE SHEET 13 FOR ADDITIONAL

LOCATION	STATION	TO	STATION	LENGTH FOOT	WIDTH FOOT	X0326767
						PROFILE DIAMOND GRINDING CONCRETE PAVEMENT SQ YD
SOUTH OF SN 092-0206	2521+17.0		2521+66.5	49.5	28.0	154.0
NORTH OF SN 092-0206	2523+77.2		2524+30.2	53.0	28.0	165.0
TOTAL						319.0
USE						319.0

OFFSET DIRECTION	STATION	STATION	LENGTH FOOT	AVG. END AREA SQ FT	48102100	
					AGGREGATE WEDGE SHOULDER TON	
EAST	RT	2546+34.8	2538+59.9	774.9	0.25	12.9
	RT	2538+59.9	2538+23.1	36.8	1.01	2.5
	RT	2538+23.1	2538+13.2	9.9	1.82	1.2
	RT	2538+13.2	2537+63.5	49.7	2.12	7.0
	RT	2537+63.5	2537+54.2	9.3	2.38	1.5
	RT	2537+54.2	2537+29.3	24.9	1.19	2.0
	RT	2537+29.3	2537+23.3	6.0	0.00	0.0
	RT	2537+23.3	2536+98.4	24.9	1.18	2.0
	RT	2536+98.4	2536+88.6	9.8	2.36	1.5
	RT	2536+88.6	2536+64.3	24.3	2.42	3.9
	RT	2536+64.3	2536+38.2	26.1	2.54	4.4
	RT	2536+38.2	2536+14.6	23.6	2.52	4.0
	RT	2536+14.6	2536+04.7	9.9	2.44	1.6
	RT	2536+04.7	2535+88.4	16.3	2.34	2.5
	RT	2535+88.4	2535+55.6	32.8	2.20	4.8
	RT	2535+55.6	2535+11.1	44.5	1.21	3.6
	RT	2535+11.1	2526+25.9	885.2	0.25	14.8
	RT	2524+77.1	2524+40.5	36.7	0.92	2.2
	RT	2524+40.5	2524+33.0	7.5	1.80	0.9
	RT	2524+33.0	2524+23.0	10.0	4.11	2.7
	RT	2524+23.0	2524+13.0	10.0	1.12	0.7
	RT	2524+13.0	2524+03.0	10.0	3.01	2.0
	RT	2524+03.0	2523+83.1	19.9	1.21	1.6
	RT	2509+93.4	2490+41.6	1951.8	0.25	32.5
	RT	2489+85.7	2486+21.9	363.8	0.25	6.1
	LT	571+45.7	582+92.1	1146.4	0.25	19.1
	LT	583+39.2	594+45.3	1106.1	0.25	18.4
	LT	594+89.1	603+01.1	812.0	0.25	13.5
	LT	603+51.2	610+19.9	668.7	0.25	11.1
	LT	610+72.5	631+30.9	2058.4	0.25	34.3
LT	634+35.2	664+44.9	3009.7	0.25	50.2	
LT	664+99.8	691+61.5	2661.7	0.25	44.4	
LT	692+13.2	741+39.5	4926.3	0.25	82.1	
EAST SUBTOTAL						392.2

OFFSET DIRECTION	STATION	STATION	LENGTH FOOT	AVG. END AREA SQ FT	48102100	
					AGGREGATE WEDGE SHOULDER TON	
WEST	LT	2546+61.1	2539+23.0	738.1	0.25	12.3
	LT	2539+23.0	2538+87.8	35.2	0.74	1.7
	LT	2538+87.8	2538+77.7	10.1	1.48	1.0
	LT	2538+77.7	2538+23.1	54.6	1.62	5.9
	LT	2538+23.1	2538+13.2	9.9	2.22	1.5
	LT	2538+13.2	2537+63.5	49.7	2.62	8.7
	LT	2537+63.5	2537+54.2	9.3	2.57	1.6
	LT	2537+54.2	2537+29.3	24.9	1.29	2.1
	LT	2537+29.3	2537+23.3	6.0	0.00	0.0
	LT	2537+23.3	2536+98.4	24.9	1.10	1.8
	LT	2536+98.4	2536+88.6	9.8	2.20	1.4
	LT	2536+88.6	2536+64.3	24.3	1.99	3.2
	LT	2536+64.3	2536+38.2	26.1	1.63	2.8
	LT	2536+38.2	2536+28.1	10.1	1.48	1.0
	LT	2536+28.1	2536+14.6	13.5	1.07	1.0
	LT	2536+14.6	2535+93.1	21.5	0.45	0.6
	LT	2530+62.6	2526+89.4	373.2	0.25	6.2
	LT	2520+05.0	2516+64.7	340.3	0.25	5.7
	LT	2510+00.0	2500+04.5	995.5	0.25	16.6
	LT	2499+33.7	2486+21.9	1311.8	0.25	21.9
	RT	571+45.7	583+12.0	1166.3	0.25	19.4
	RT	583+60.7	588+60.5	499.9	0.25	8.3
	RT	588+74.7	592+22.6	347.9	0.25	5.8
	RT	592+43.6	599+57.1	713.5	0.25	11.9
	RT	617+95.4	623+94.5	599.1	0.25	10.0
	RT	624+46.2	631+94.6	748.3	0.25	12.5
	RT	635+24.8	640+14.0	489.2	0.25	8.2
	RT	641+82.6	664+35.7	2253.1	0.25	37.6
	RT	665+22.7	677+84.7	1262.0	0.25	21.0
	RT	678+63.8	691+81.5	1317.6	0.25	22.0
RT	692+31.6	741+39.5	4907.9	0.25	81.8	
WEST SUBTOTAL						335.5
TOTAL						727.7
USE						728.0

# SCHEDULE OF QUANTITIES

OFFSET DIRECTION	STATION	TO	STATION	LENGTH		AVERAGE WIDTH		44000155	48203100	40600290
				FOOT	FOOT	HOT-MIX ASPHALT SURFACE REMOVAL, 1.5"	HOT-MIX ASPHALT SHOULDER	BITUMINOUS MATERIAL (TACK COAT)		
								SQ YD	TON	POUND
EAST	RT	2547+32.3		2547+19.5	12.8	10.5		14.9	1.3	6.7
	RT	2547+19.5		2546+41.8	77.7	9.25		79.9	6.7	35.9
	RT	2546+41.8		2546+29.3	12.5	6.0		8.3	0.7	3.7
	RT	2546+29.3		2524+79.0	2150.3	3.0		716.8	60.2	322.6
	RT	2520+44.2		2509+93.3	1050.9	9.0		1050.9	88.3	472.9
	RT	2509+93.3		2486+21.9	2371.4	3.0		790.5	66.4	355.7
	LT	571+45.7		631+30.9	5985.22	3.0		1995.1	167.6	897.8
	LT	631+30.9		634+35.2	304.31	8.0		270.5	22.7	121.7
LT	634+35.2		741+39.9	10704.64	3.0		3568.2	299.7	1605.7	
<b>EAST SUBTOTAL</b>								<b>8495.1</b>	<b>713.6</b>	<b>3822.8</b>
WEST	LT	2547+32.3		2546+67.2	65.1	9.5		68.7	5.8	30.9
	LT	2546+67.2		2546+50.1	17.1	6.25		11.9	1.0	5.3
	LT	2546+50.1		2535+59.6	1090.6	3.0		363.5	30.5	163.6
	LT	2535+59.6		2531+12.5	447.1	9.5		471.9	39.6	212.4
	LT	2531+12.5		2530+72.5	40.0	14.0		62.3	5.2	28.0
	LT	2530+72.5		2530+59.5	12.9	8.5		12.2	1.0	5.5
	LT	2530+59.5		2526+89.5	370.0	3.0		123.3	10.4	55.5
	LT	2520+44.2		2520+05.1	39.1	7.5		32.6	2.7	14.7
	LT	2520+05.1		2516+64.5	340.5	3.0		113.5	9.5	51.1
	LT	2516+64.5		2510+77.9	586.7	9.0		586.7	49.3	264.0
	LT	2510+77.9		2486+21.9	2456.0	3.0		818.7	68.8	368.4
	RT	571+45.7		600+09.9	2864.18	3.0		954.7	80.2	429.6
	RT	600+09.9		603+23.7	313.82	8.0		279.0	23.4	125.5
	RT	603+23.7		603+68.6	44.95	3.0		15.0	1.3	6.7
	RT	603+68.6		606+80.6	312.00	8.0		277.3	23.3	124.8
	RT	606+80.6		607+26.6	45.94	3.0		15.3	1.3	6.9
	RT	607+26.6		610+34.9	308.32	8.0		274.1	23.0	123.3
	RT	610+34.9		610+45.1	10.20	6.0		6.8	0.6	3.1
	RT	610+45.1		610+90.0	44.92	3.0		15.0	1.3	6.7
	RT	610+90.0		617+56.1	666.12	8.0		592.1	49.7	266.4
RT	617+56.1		631+94.6	1438.42	3.0		479.5	40.3	215.8	
RT	631+94.6		635+24.8	330.20	8.0		293.5	24.7	132.1	
RT	635+24.8		741+39.9	10615.10	3.0		3538.4	297.2	1592.3	
<b>WEST SUBTOTAL</b>								<b>9405.9</b>	<b>790.1</b>	<b>4232.6</b>
<b>TOTAL</b>								<b>17900.9</b>	<b>1503.7</b>	<b>8055.4</b>
<b>USE</b>								<b>*</b>	<b>1504.0</b>	<b>*</b>

OFFSET DIRECTION	*STATION	TO	*STATION	LENGTH		48300410 PCC SHOULDERS, 9.5"		61000115 TYPE E INLET BOX, STANDARD 610001	
				FOOT	FOOT	SQ YD	EACH		
EAST	RT	2521+17.0		2521+43.9	26.9	8.0		23.9	
	RT	2521+43.9		2521+53.9	10.0	8.5			1
	RT	2521+53.9		2521+60.5	6.6	8.5		6.2	
	RT	2523+72.6		2524+30.2	57.6	8.0		51.2	
WEST	LT	2521+17.0		2521+56.6	39.6	8.0		35.2	
	LT	2521+56.6		2521+66.6	10.0	8.5			1
	LT	2521+66.6		2521+72.5	5.9	8.5		5.6	
	LT	2523+83.2		2524+30.2	47.0	8.0		41.8	
	LT	2524+79.1		2525+19.2	40.1	6.5		29.0	
<b>TOTAL</b>								<b>192.9</b>	<b>2.0</b>
<b>USE</b>								<b>193.0</b>	<b>2.0</b>

\*STATIONS PROVIDED FOR PCC SHOULDERS ARE AT THE MID POINT OF THE SHOULDER (I.E. AT 16' OFFSET).

OFFSET DIRECTION	STATION	TO	STATION	542D0223	54213453	54248510	60100945	60500060
				PIPE CULVERTS, CLASS D, TYPE 1 18"	END SECTIONS 18"	CONCRETE COLLAR*	PIPE DRAINS, 12"	REMOVING INLETS
				FOOT	EACH	CU YD	FOOT	EACH
EAST	36.7' RT	2524+15.0	33.1' RT	2524+34.5	20			
EAST	33.1' RT	2524+34.5			1	0.29		
EAST	17.7' RT	2521+48.9				0.21	5	1
WEST	17.41' LT	2521+61.7				0.21	5	1
<b>TOTAL</b>				<b>20</b>	<b>1</b>	<b>0.71</b>	<b>10</b>	<b>2</b>
<b>USE</b>				<b>20</b>	<b>1</b>	<b>0.8</b>	<b>10</b>	<b>2</b>

\*CONNECTION OF PROPOSED PIPES TO EXISTING PIPES SHALL BE MADE BY EITHER PREFABRICATED COUPLING OR CONCRETE COLLAR, AS DETERMINED BY THE ENGINEER. THE USE OF A PREFABRICATED CONNECTION SHALL BE CONSIDERED INCLUDED IN THE UNIT COST OF THE PIPE ITEM.



# SCHEDULE OF QUANTITIES

O/S DIR.	STATION	TO	STATION	63000001	63000007	63000025	63100167	63100169	63100085	78200005	72501000
				STEEL PLATE BEAM GUARDRAIL TY A, 6 FOOT POSTS	STEEL PLATE BEAM GUARDRAIL TY B	STEEL PLATE BEAM GUARDRAIL, ATTACHED TO STRUCTURES	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	TRAFFIC BARRIER TERMINAL, TYPE 6	GUARDRAIL REFLECTORS, TYPE A	TERMINAL MARKER - DIRECT APPLIED
				FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH	EACH
RT	2523+37.4		2523+83.1						1		
RT	2523+83.1		2524+33.1					1		2	1
RT	2535+64.8		2536+14.6				1				1
RT	2536+14.6		2536+98.4	84.4						4	
RT	2536+98.4		2537+23.2		25.0						
RT	2537+23.2		2537+29.4			6.3					
RT	2537+29.4		2537+54.2		25.0						
RT	2537+54.2		2537+63.5	9.4							
RT	2537+63.5		2538+13.1				1				
LT	2536+38.2		2536+88.6				1				1
LT	2536+88.6		2536+98.1	9.4						4	
LT	2536+98.1		2537+23.3		25.0						
LT	2537+23.3		2537+29.5			6.3					
LT	2537+29.5		2537+54.7		25.0						
LT	2537+54.7		2538+27.2	71.9							
LT	2538+27.2		2538+77.6				1				
TOTAL				175.0	100.0	12.5	4.0	1.0	1.0	10.0	5.0
USE				175.0	100.0	12.5	4.0	1.0	1.0	10.0	5.0

O/S DIR.	STATION	TO	STATION	63200310	63302700	63300575
				GUARDRAIL REMOVAL	REMOVE AND RE-ERECT TRAFFIC BARRIER TERMINALS, TYPE 6*	REMOVE AND REERECT RAIL ELEMENT OF EXISTING GUARDRAIL**
				FOOT	EACH	FOOT
LT	2521+60.7		2522+06.3		1	
LT	2521+17.0		2521+60.7			43.7
RT	2521+46.0		2521+91.6		1	
RT	2521+17.0		2521+46.0			29.0
LT	2523+52.4		2523+98.0		1	
LT	2523+98.0		2524+30.0			32.0
RT	2523+37.4		2524+42.1	110.0		
LT	2536+19.2		2538+11.2	190.5		
RT	2535+57.0		2538+32.0	277.3		
TOTAL				577.8	3	104.7
USE				578.0	3	105.0

\*THE INTENT OF THIS ITEM IS TO ADJUST THE TERMINAL TO PROPER ELEVATION AFTER RAISING THE APPROACH PAVEMENT.  
 \*\*THE INTENT OF THIS ITEM IS TO ALLOW ROOM TO WORK.

# SCHEDULE OF QUANTITIES

OFFSET DIRECTION	LOCATION		64200108 SHOULDER RUMBLE STRIPS, 8 INCH	FOOT
	STA	TO STA		
RT	2546+29.0	2545+25.0		104.0
RT	2544+91.0	2542+84.0		207.0
RT	2542+31.0	2539+13.0		318.0
RT	2538+61.0	2531+26.0		735.0
RT	2530+80.0	2527+74.0		306.0
RT	2527+30.0	2523+73.0		357.0
RT	2521+62.0	2504+75.0		1687.0
RT	2504+29.0	2502+71.0		158.0
RT	2502+27.0	2495+04.0		723.0
RT	2494+52.0	2492+43.0		209.0
RT	2491+95.0	2490+53.0		142.0
RT	2489+11.0	2488+41.0		70.0
RT	2487+96.0	2486+21.9		174.1
LT	571+45.7	579+43.0		797.3
LT	580+07.0	581+43.0		136.0
LT	582+01.0	582+83.0		82.0
LT	583+49.0	587+20.0		371.0
LT	587+88.0	592+04.0		416.0
LT	592+70.0	593+42.0		72.0
LT	597+14.0	597+87.0		73.0
LT	598+47.0	599+60.0		113.0
LT	600+11.0	600+64.0		53.0
LT	601+88.0	602+34.0		46.0
LT	603+60.0	606+74.0		314.0
LT	607+15.0	610+09.0		294.0
LT	610+81.0	615+80.0		499.0
LT	616+39.0	629+79.0		1340.0
LT	630+31.0	637+07.0		676.0
LT	638+54.0	650+59.0		1205.0
LT	651+14.0	661+97.0		1083.0
LT	662+47.0	664+35.0		188.0
LT	665+11.0	691+53.0		2642.0
LT	692+22.0	700+75.0		853.0
LT	701+29.0	704+20.0		291.0
LT	704+97.0	714+21.0		924.0
LT	715+22.0	732+50.0		1728.0
LT	733+10.0	741+39.3		829.3
EAST SUB-TOTAL				20215.7

OFFSET DIRECTION	LOCATION		64200108 SHOULDER RUMBLE STRIPS, 8 INCH	FOOT
	STA	TO STA		
LT	2546+50.0	2542+92.0		358.0
LT	2542+36.0	2528+12.0		1424.0
LT	2527+66.0	2523+82.0		384.0
LT	2521+71.0	2510+92.0		1079.0
LT	2509+92.0	2504+37.0		555.0
LT	2503+72.0	2502+95.0		77.0
LT	2502+19.0	2500+13.0		206.0
LT	2499+18.0	2492+09.0		709.0
LT	2491+54.0	2490+68.0		86.0
LT	2489+85.0	2487+51.0		234.0
LT	2486+74.0	2486+21.9		52.1
RT	571+45.7	575+27.0		381.3
RT	575+77.0	583+00.0		723.0
RT	584+37.0	584+83.0		46.0
RT	585+46.0	586+00.0		54.0
RT	587+25.0	588+39.0		114.0
RT	588+91.0	592+08.0		317.0
RT	592+58.0	593+61.0		103.0
RT	594+38.0	596+85.0		247.0
RT	597+47.0	599+43.0		196.0
RT	600+27.0	601+24.0		97.0
RT	601+59.0	603+17.0		158.0
RT	603+80.0	605+02.0		122.0
RT	605+49.0	606+69.0		120.0
RT	607+36.0	608+66.0		130.0
RT	609+48.0	610+38.0		90.0
RT	610+98.0	612+18.0		120.0
RT	612+70.0	615+74.0		304.0
RT	616+73.0	617+50.0		77.0
RT	618+85.0	621+81.0		296.0
RT	622+39.0	623+83.0		144.0
RT	624+54.0	627+61.0		307.0
RT	628+46.0	637+46.0		900.0
RT	638+06.0	639+93.0		187.0
RT	641+89.0	647+83.0		594.0
RT	648+39.0	664+21.0		1582.0
RT	665+34.0	667+15.0		181.0
RT	667+74.0	677+75.0		1001.0
RT	678+75.0	690+92.0		1217.0
RT	692+41.0	694+72.0		231.0
RT	695+33.0	700+75.0		542.0
RT	701+37.0	704+66.0		329.0
RT	706+06.0	721+06.0		1500.0
RT	722+01.0	729+42.0		741.0
RT	730+00.0	741+39.3		1139.3
WEST SUB-TOTAL				19454.7
TOTAL				39670.4
USE				39671

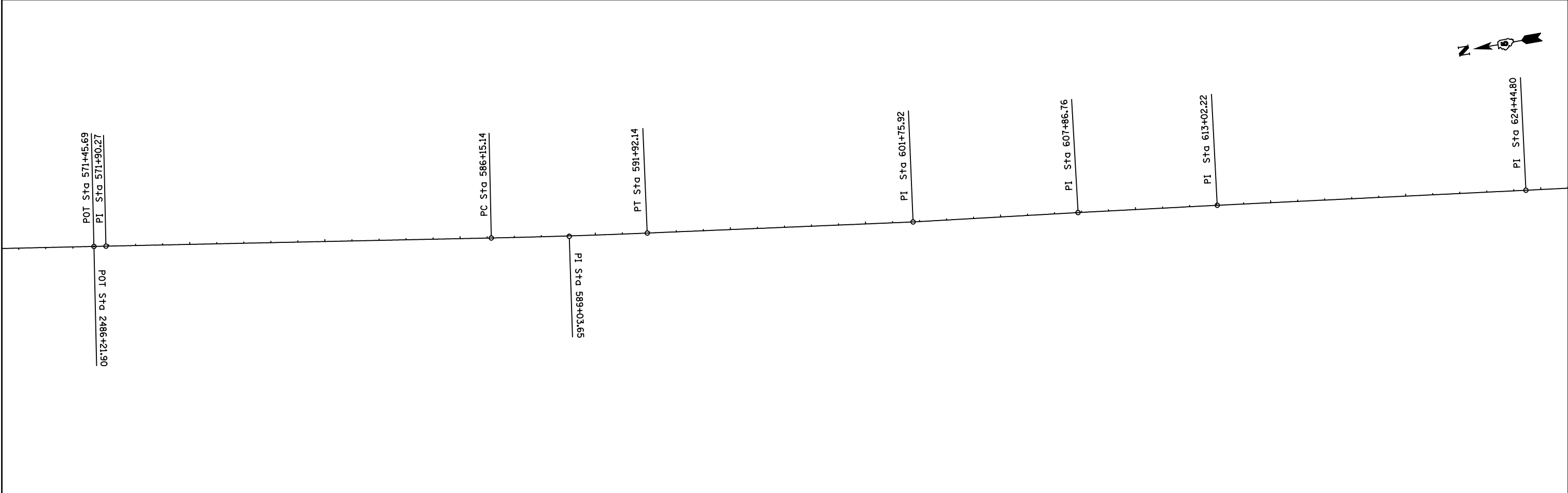
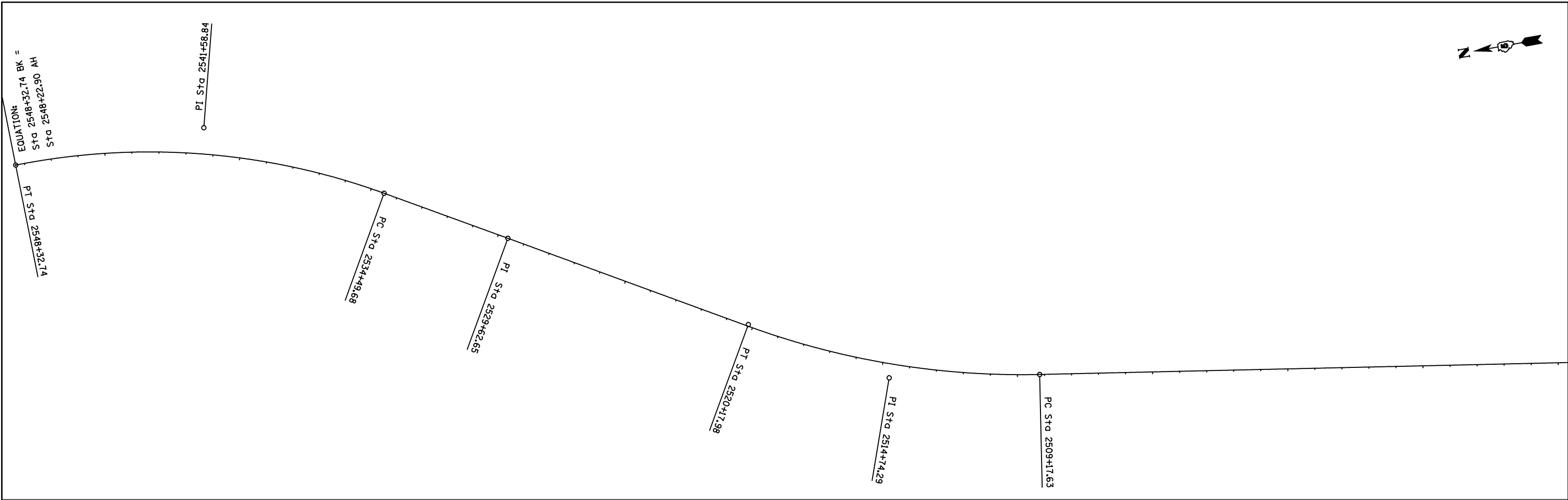
OFFSET DIRECTION	LOCATION		CL DASH (YELLOW) FOOT	SHOULDER (WHITE) FOOT	70300100 SHORT TERM PAVEMENT MARKING FOOT	70300150 SHORT TERM PAVEMENT MARKING REMOVAL SQ FT
	STA	TO STA				
CL	CL	2547+32.3		2486+21.9	611.0	201.6
CL	CL	571+45.7		741+39.3	1699.4	560.8
EAST	RT	2526+26.0		2523+73.0		3.3
EAST	RT	2521+62.0		2509+94.0		15.4
EAST	LT	631+31.0		634+35.0		4.0
WEST	LT	2535+60.0		2530+60.0		6.6
WEST	LT	2526+90.0		2523+81.0		4.1
WEST	LT	2521+71.0		2520+05.0		2.2
WEST	LT	2516+65.0		2510+95.0		7.5
WEST	RT	600+22.0		617+56.0		22.9
WEST	RT	631+95.0		635+25.0		4.4
PAVEMENT MKG BLACKOUT TAPE REMOVAL						303.0
TOTAL			2310.4	213.4	2523.8	1135.9
*USE			-	-	5048.0	1984.0

STAGE	O/S	LOCATION		O/S	STA	LENGTH FOOT	70107004 PAVEMENT MARKING BLACKOUT TAPE, 4" FOOT	78300100 PAVEMENT MARKING REMOVAL SQ FT	NOTE
		STA	TO STA						
I	RT	2518+01.8		LT	2520+92.0	290.2		96.6	701316 TEMP. PAVT MKG LN 4"
	LT	2520+92.0		LT	2524+55.2	363.2		120.9	701316 TEMP. PAVT MKG LN 4"
	LT	2524+55.2		RT	2526+03.3	148.1		49.3	701316 TEMP. PAVT MKG LN 4"
	LT	2520+39.5		LT	2520+92.0	52.5	52.5	17.5	EXISTING 4" MKGS AND 701316 TEMP. PAVT MKG LN 4"
	LT	2520+92.0		LT	2524+55.2	363.2	363.2	120.9	EXISTING 4" MKGS AND 701316 TEMP. PAVT MKG LN 4"
	LT	2524+55.2		LT	2524+95.5	40.3	40.3	13.4	EXISTING 4" MKGS AND 701316 TEMP. PAVT MKG LN 4"
II	LT	2519+47.3		RT	2520+92.0	144.7		48.2	701316 TEMP. PAVT MKG LN 4"
	RT	2520+92.0		RT	2524+55.2	363.2		120.9	701316 TEMP. PAVT MKG LN 4"
	RT	2524+55.2		LT	2526+54.2	199.0		66.3	701316 TEMP. PAVT MKG LN 4"
	RT	2517+91.8				2.0		24.0	701316 TEMP. 24" STOP BAR
	LT	2526+64.2				2.0		24.0	701316 TEMP. 24" STOP BAR
	RT	2520+50.4		RT	2520+92.0	41.6	41.6	13.9	EXISTING 4" MKGS AND 701316 TEMP. PAVT MKG LN 4"
RT	2520+92.0		RT	2524+55.2	363.2	363.2	120.9	EXISTING 4" MKGS AND 701316 TEMP. PAVT MKG LN 4"	
RT	2524+55.2		RT	2525+03.8	48.6	48.6	16.2	EXISTING 4" MKGS AND 701316 TEMP. PAVT MKG LN 4"	
TOTAL							909.4	853.1	
USE							910.0	854.0	

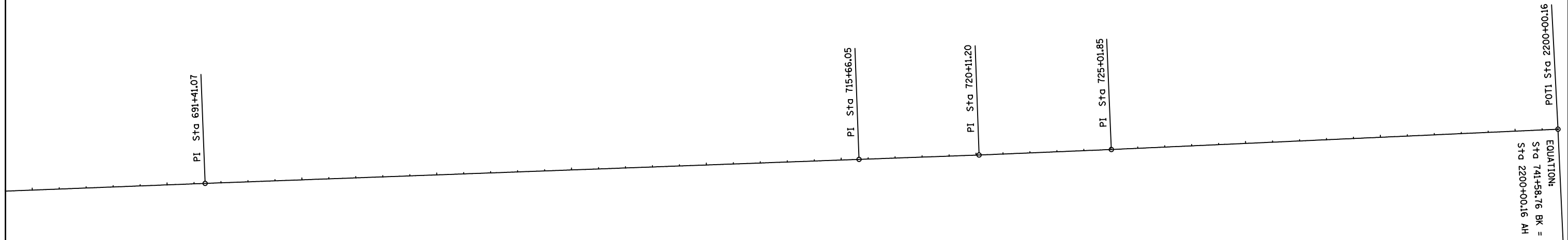
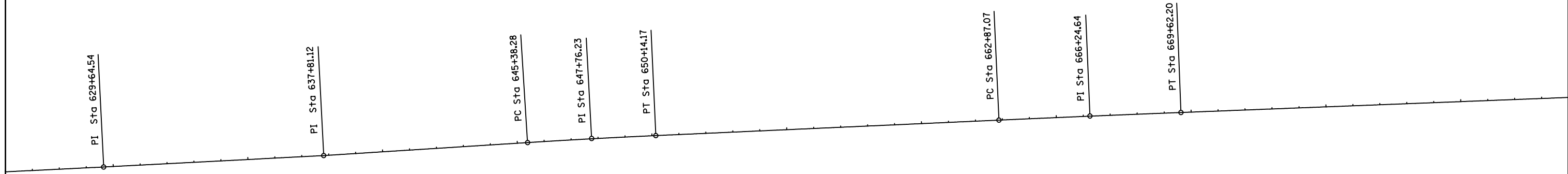
# SCHEDULE OF QUANTITIES

OFFSET DIRECTION	LOCATION		EDGE (WHITE) FOOT	CL DASH (YELLOW) FOOT	NORTHBOUND NO PASSING (YELLOW) FOOT	SOUTHBOUND NO PASSING (YELLOW) FOOT	78001110 PAINT PAVEMENT MARKING LINE 4" FOOT	78100100 RAISED REFLECTIVE PAVEMENT MARKERS EACH	78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL EACH	
	STA	TO STA								
EAST EDGE LINE	RT	2546+30.0	2490+47.0	5583.0			5583.0			
	RT	2489+81.0	2486+21.9	359.1			359.1			
	LT	571+45.7	582+88.0	1142.3			1142.3			
	LT	583+45.0	594+41.0	1096.0			1096.0			
	LT	595+04.0	602+97.0	793.0			793.0			
	LT	603+56.0	610+16.0	660.0			660.0			
	LT	610+77.0	664+41.0	5364.0			5364.0			
	LT	665+05.0	691+57.0	2652.0			2652.0			
LT	692+17.0	741+39.3	4922.3			4922.3				
WEST EDGE LINE	LT	2546+50.0	2510+88.0	3562.0			3562.0			
	LT	2509+95.0	2486+21.9	2373.1			2373.1			
	RT	571+45.7	583+07.0	1161.3			1161.3			
	RT	583+64.0	599+51.0	1587.0			1587.0			
	RT	600+22.0	603+15.0	293.0			293.0			
	RT	603+77.0	606+72.0	295.0			295.0			
	RT	607+35.0	610+35.0	300.0			300.0			
	RT	610+97.0	623+90.0	1293.0			1293.0			
	RT	624+50.0	639+97.0	1547.0			1547.0			
	RT	641+46.0	664+32.0	2286.0			2286.0			
	RT	665+32.0	691+77.0	2645.0			2645.0			
	RT	692+33.0	741+39.3	4906.3			4906.3			
CENTERLINE	CL	2547+32.3	2544+34.0		74.6		372.9			
	CL	2544+34.0	2535+79.0			855.0	1710.0			
	CL	2535+79.0	2529+37.0		160.5	642.0	802.5			
	CL	2529+37.0	2525+41.0		99.0		99.0			
	CL	2525+41.0	2516+70.0		217.8		1088.8			
	CL	2516+70.0	2507+43.0			927.0	1854.0			
	CL	2507+43.0	2501+07.0		159.0	636.0	795.0			
	CL	2501+07.0	2486+21.9		371.3		371.3			
	CL	571+45.7	573+34.0		47.1		47.1			
	CL	573+34.0	580+36.0		175.5	702.0	877.5			
	CL	580+36.0	586+70.0		158.5		158.5			
	CL	586+70.0	592+98.0		157.0	628.0	785.0			
	CL	592+98.0	741+39.3		3710.3		3710.3			
TOTAL				44820.4	5330.5	3688.0	3653.3	57492.2	290.0	290.0
USE				-	-	-	-	57493.0	290.0	290.0

STATION	XZ193400 SURVEY MARKERS, TYPE 2 (SPECIAL)
	EACH
2534+49.68	1.0
2529+62.65	1.0
2520+17.98	1.0
2509+17.63	1.0
571+90.27	1.0
586+15.14	1.0
591+92.14	1.0
601+75.92	1.0
607+86.76	1.0
613+02.22	1.0
624+44.80	1.0
629+64.54	1.0
637+81.12	1.0
645+38.28	1.0
647+76.23	1.0
650+14.17	1.0
662+87.07	1.0
666+24.64	1.0
669+62.20	1.0
691+41.07	1.0
715+66.05	1.0
720+11.20	1.0
725+01.85	1.0
741+58.76	1.0
TOTAL	24.0
USE	24.0



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\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 70899				
	PLOT DATE = 1/24/2016								ILLINOIS FED. AID PROJECT				



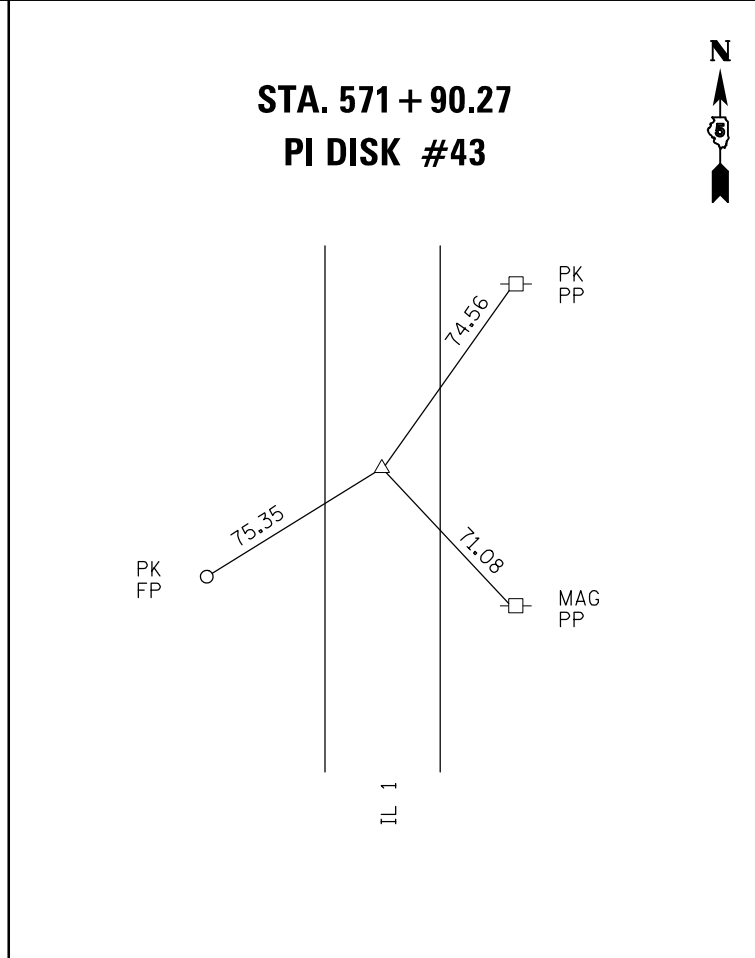
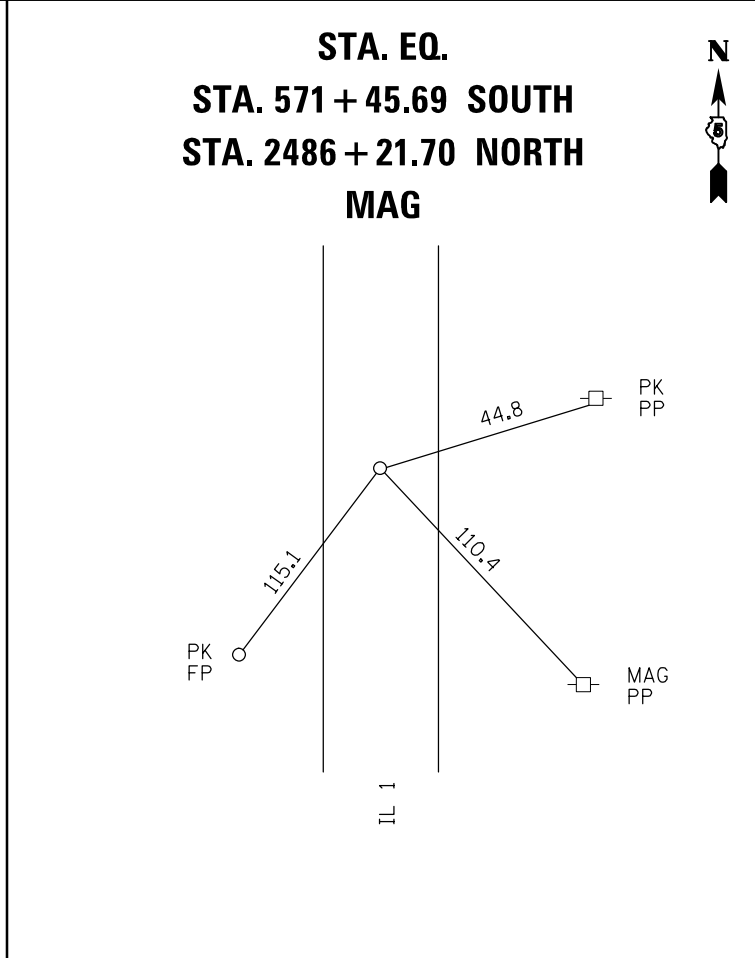
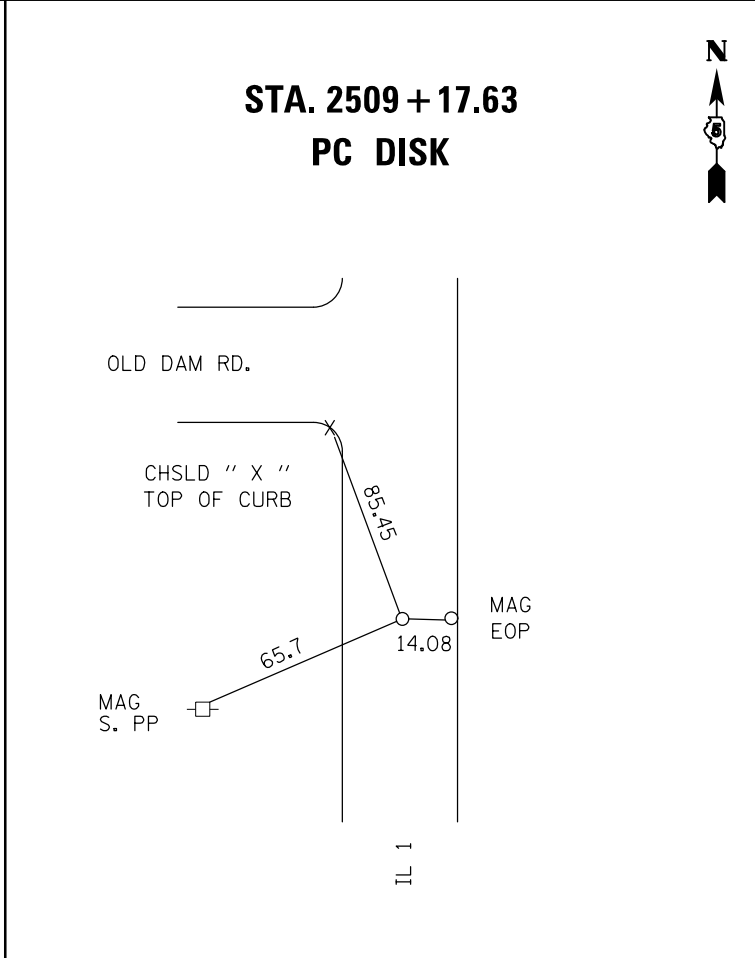
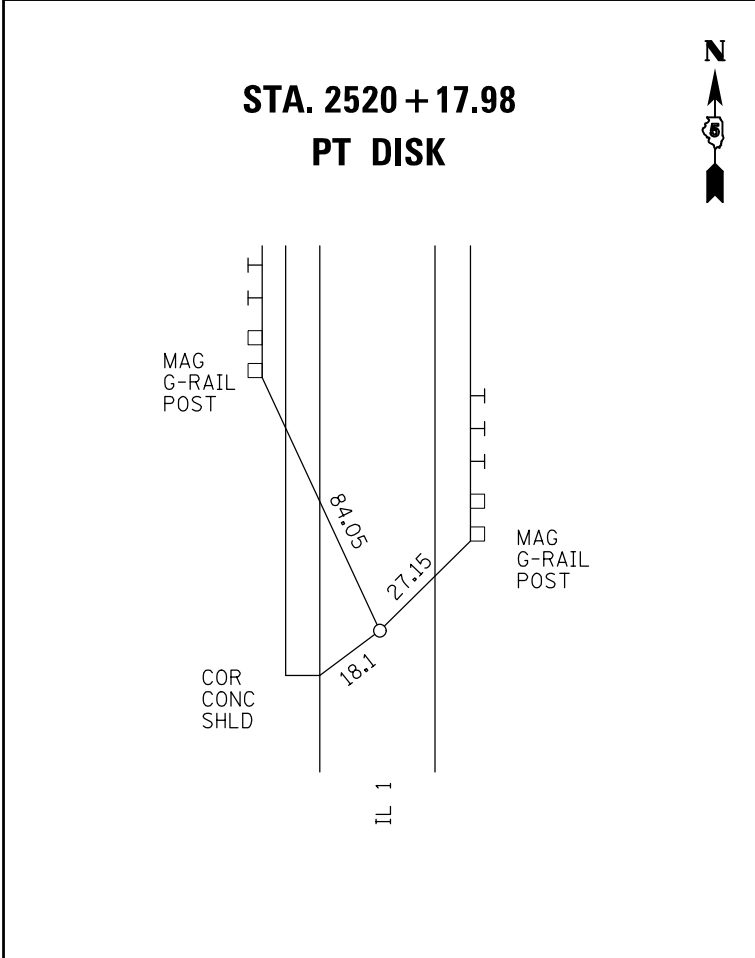
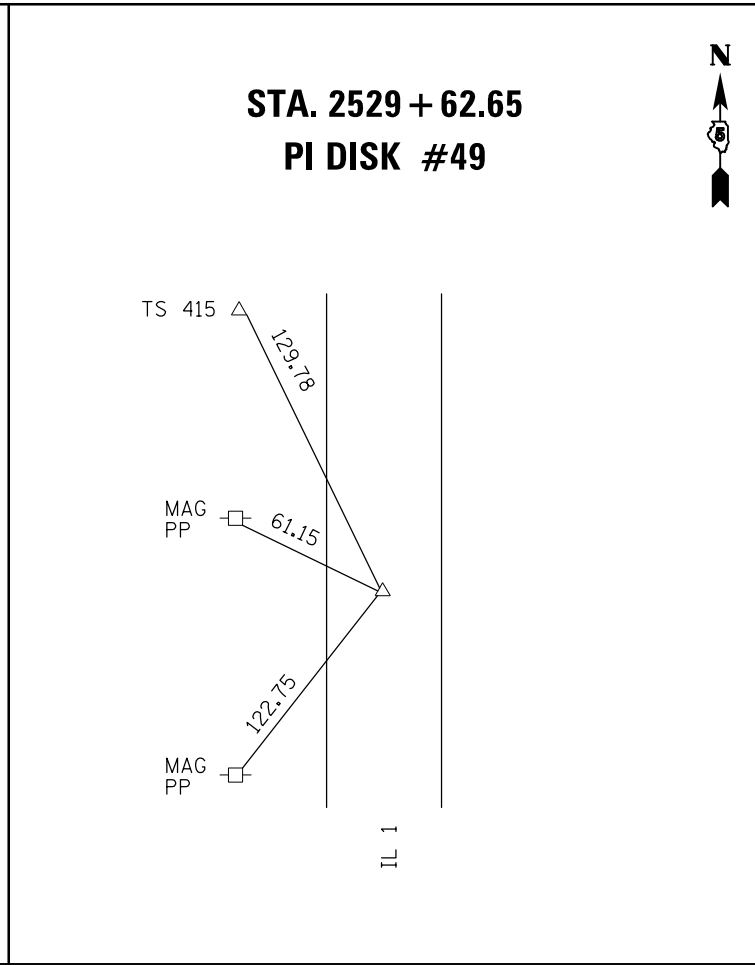
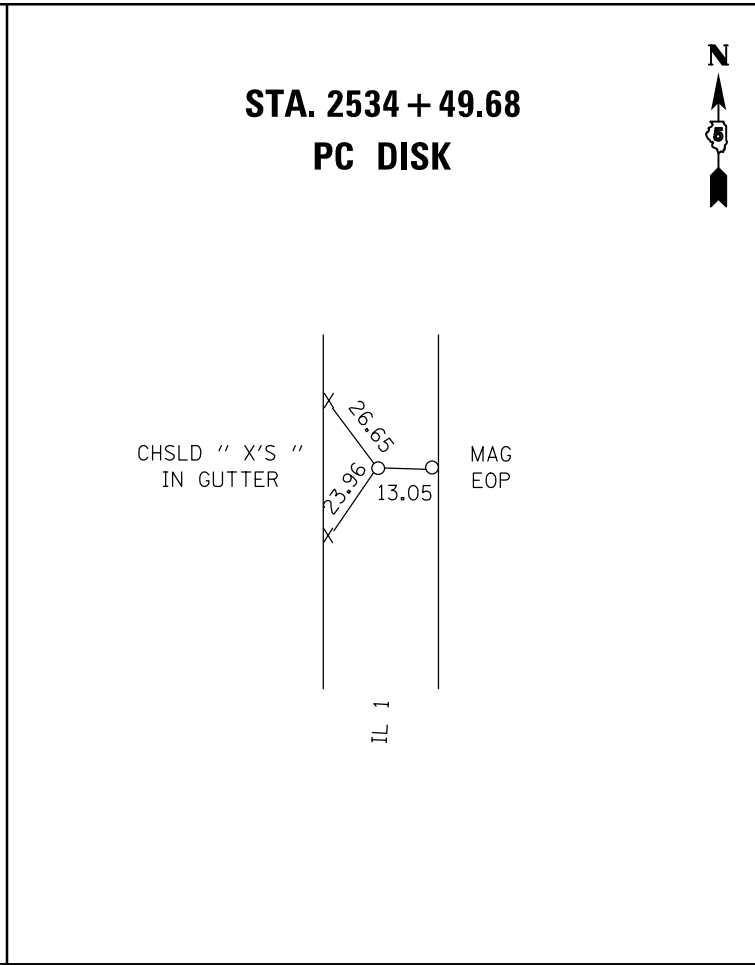
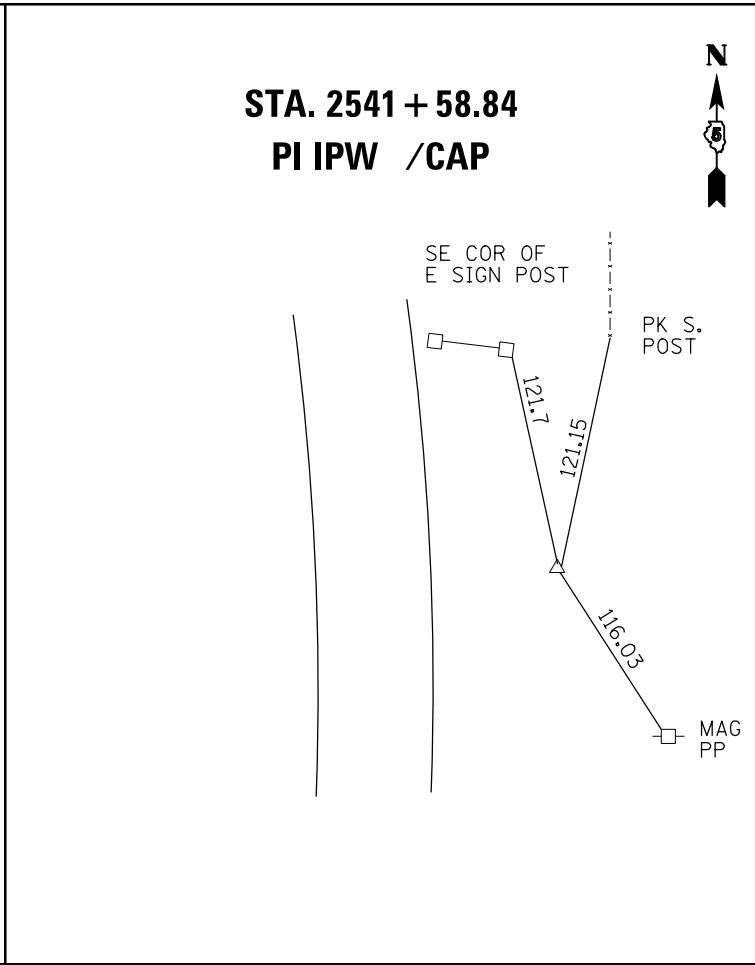
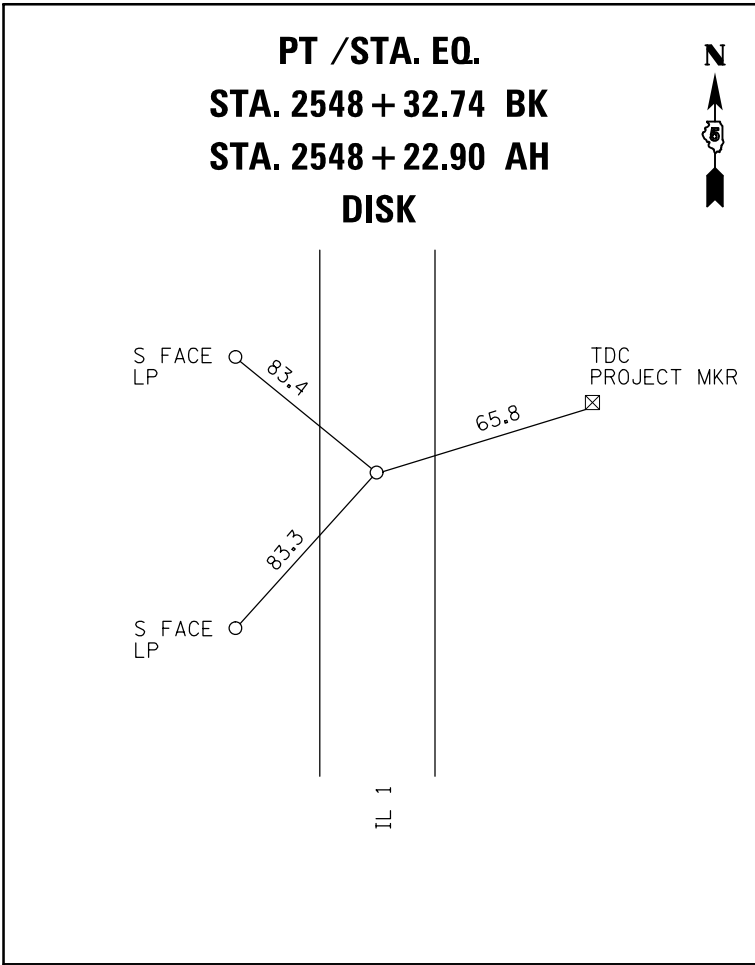
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	PLOT DATE = 1/24/2016	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES AND BENCHMARKS**

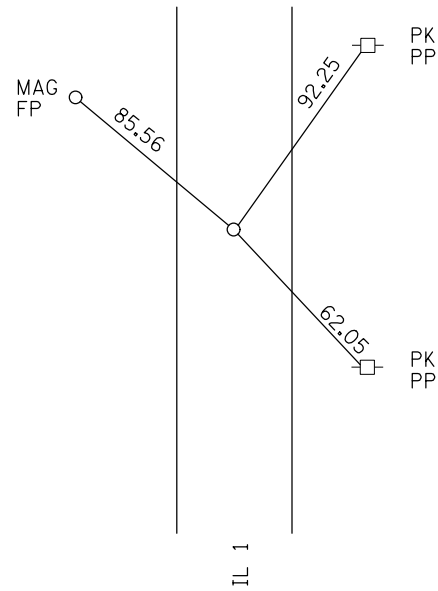
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 70899			ILLINOIS FED. AID PROJECT	

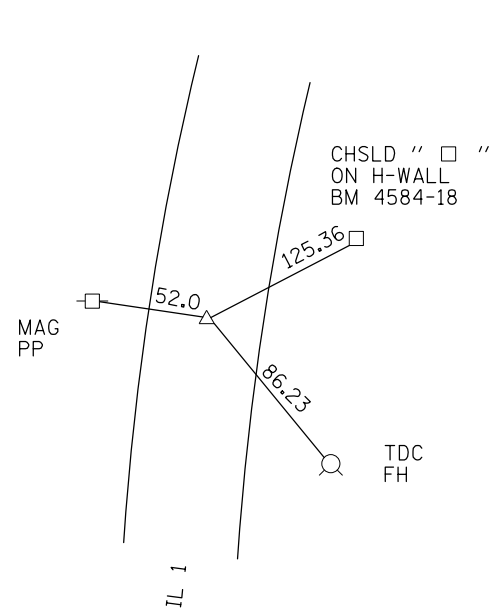


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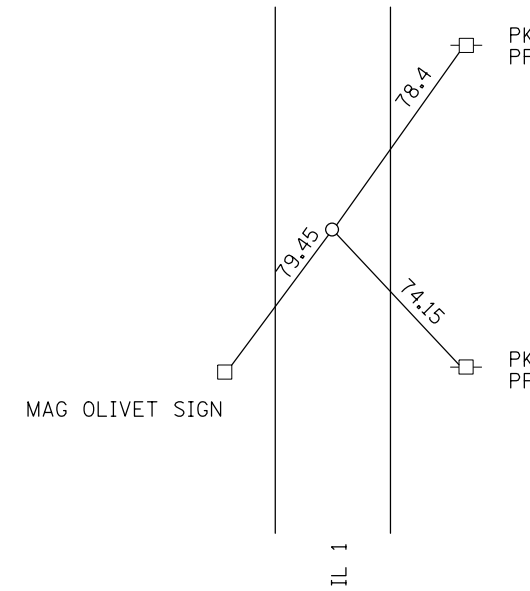
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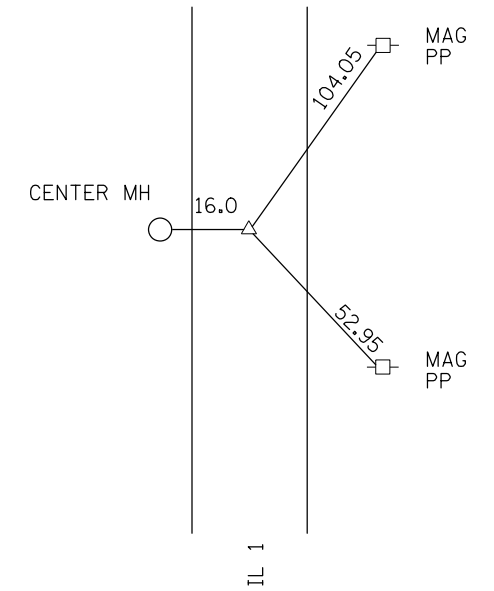
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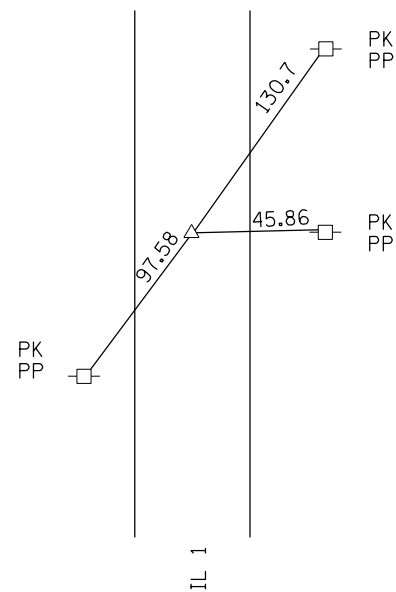
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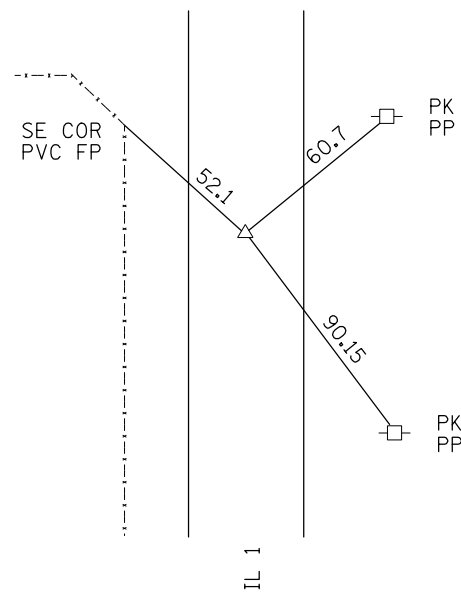
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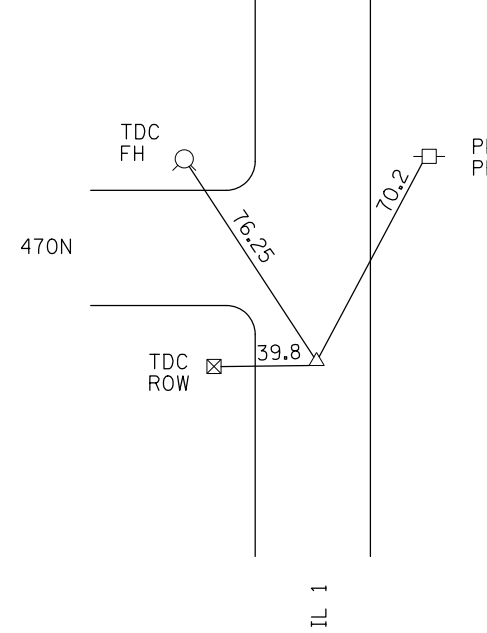
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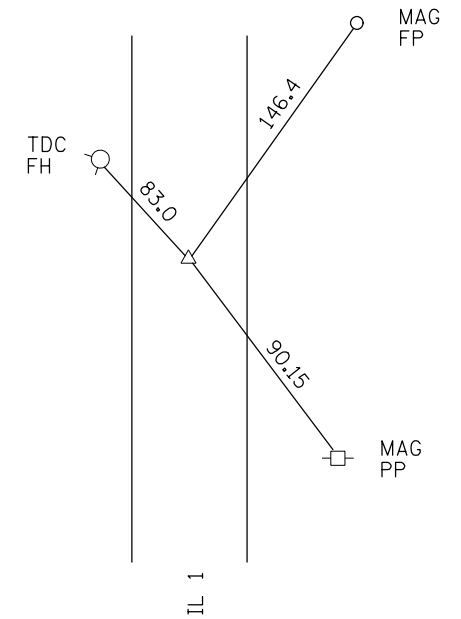
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**STA. 624 + 44.80  
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**STA. 629 + 64.54  
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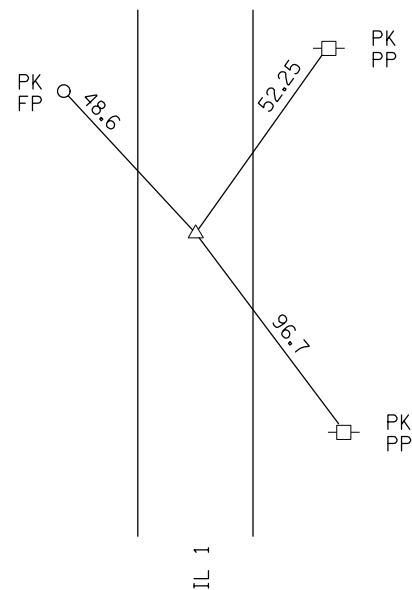
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES AND BENCHMARKS**

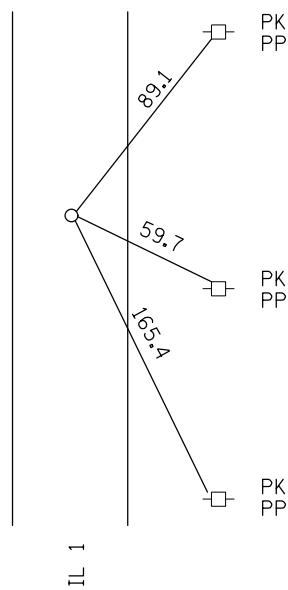
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	47(X-4RS-2,Z-2RS-4RS-13)	Vermillion	58	23
CONTRACT NO. 70899			ILLINOIS FED. AID PROJECT	

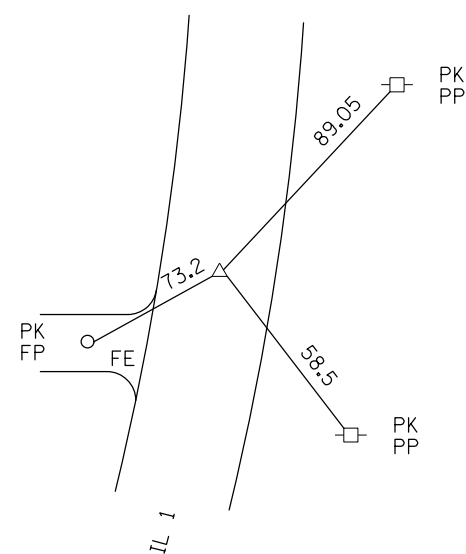
**STA. 637 + 81.12**  
**PI #23**



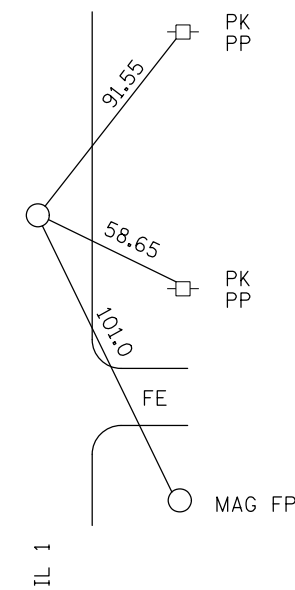
**STA. 645 + 38.28**  
**PC DISK**



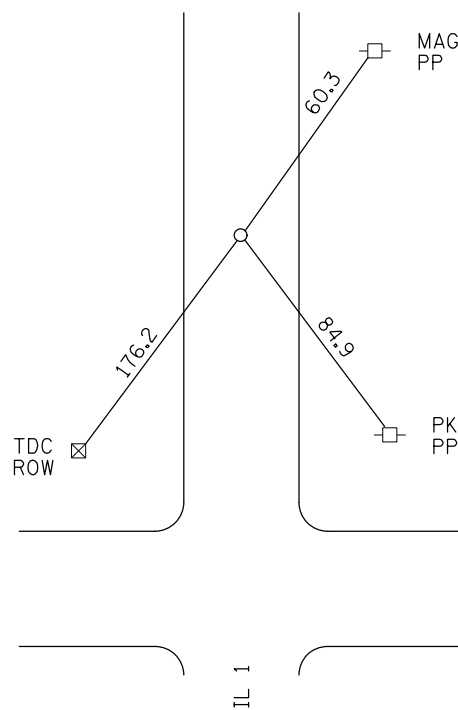
**STA. 647 + 76.23**  
**PI MAG #68**



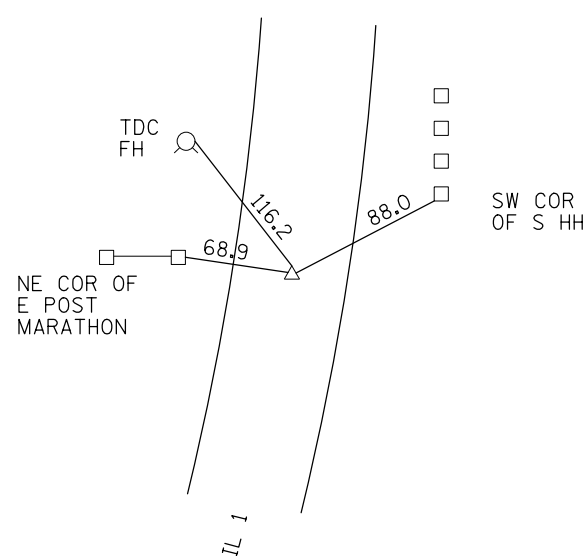
**STA. 650 + 14.17**  
**PT DISK**



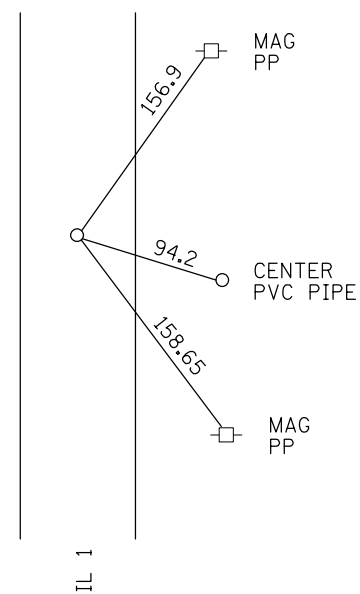
**STA. 662 + 87.07**  
**PC DISK**



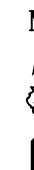
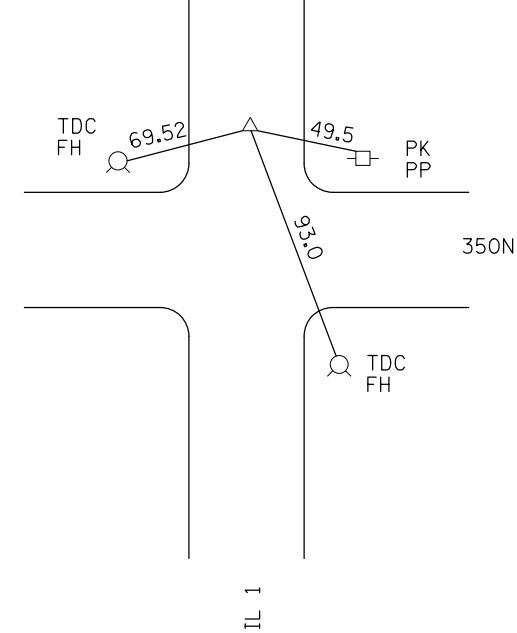
**STA. 666 + 24.64**  
**PI MAG #69**



**STA. 669 + 62.20**  
**PT DISK**



**STA. 691 + 41.07**  
**PI DISK #14**



FILE NAME =	USER NAME = keysrb	DESIGNED -	REVISED -
p:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 5\Projects\05798\Drawings\Design\0570899-sh1-ATB.dgn		REVISION	REVISION
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
*MODELNAME*	PLOT DATE = 1/24/2016	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

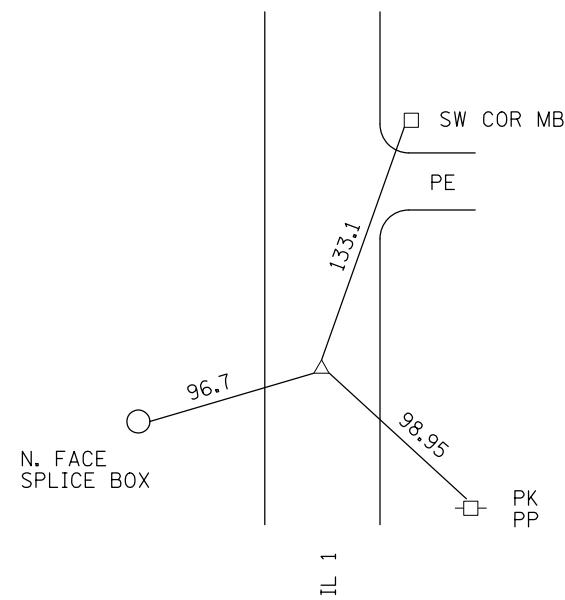
**ALIGNMENT, TIES AND BENCHMARKS**

SCALE: SHEET OF SHEETS STA. TO STA.

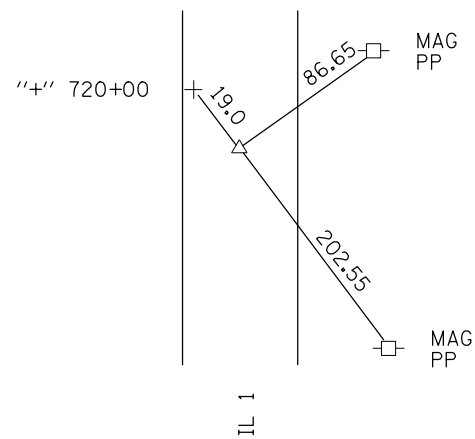
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	47(X-4RS-2,Z-2RS-4)RS-13	Vermillion	58	24
CONTRACT NO. 70899			ILLINOIS FED. AID PROJECT	



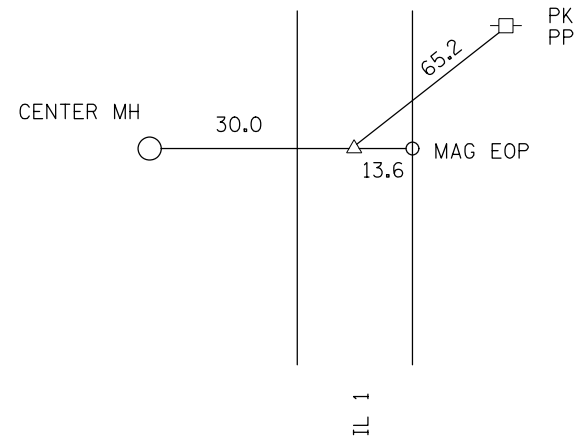
STA. 715 + 66.05  
PI DISK #13



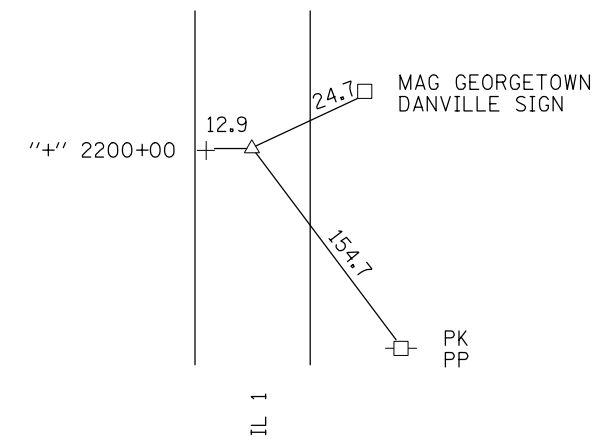
STA. 720 + 11.20  
PI DISK #8



STA. 725 + 01.85  
PI DISK #7



STA. EQ. 741 + 58.76 BK  
2200 + 00.16 AH  
PI DISK #6



### BENCHMARKS

BM 4937-5 ELEV. 626.2636 STA. 2523+38.39, 23.11' RT. DISK

TO REACH FROM THE INTERSECTION OF IL 1 AND COUNTY ROAD 260 NORTH AT THE NORTH EDGE OF RIDGEFARM, TRAVEL NORTH 3.99 MILES TO MARK ON THE RIGHT. SAID MARK IS A DISK IN TOP OF NE WINGWALL OF BRIDGE OVER LITTLE VERMILION RIVER SOUTH OF GEORGETOWN

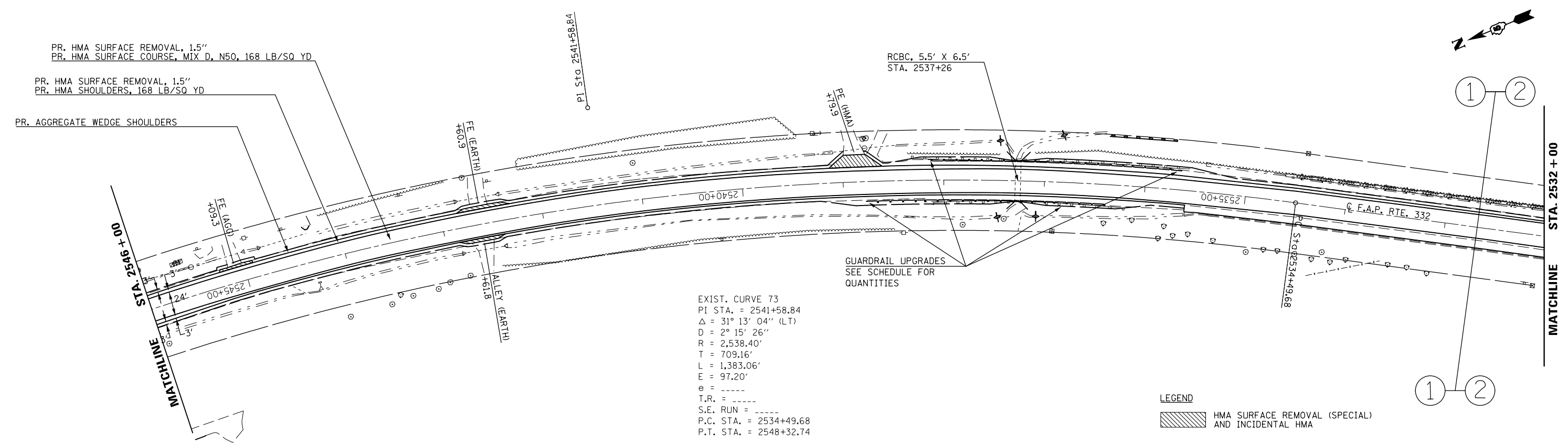
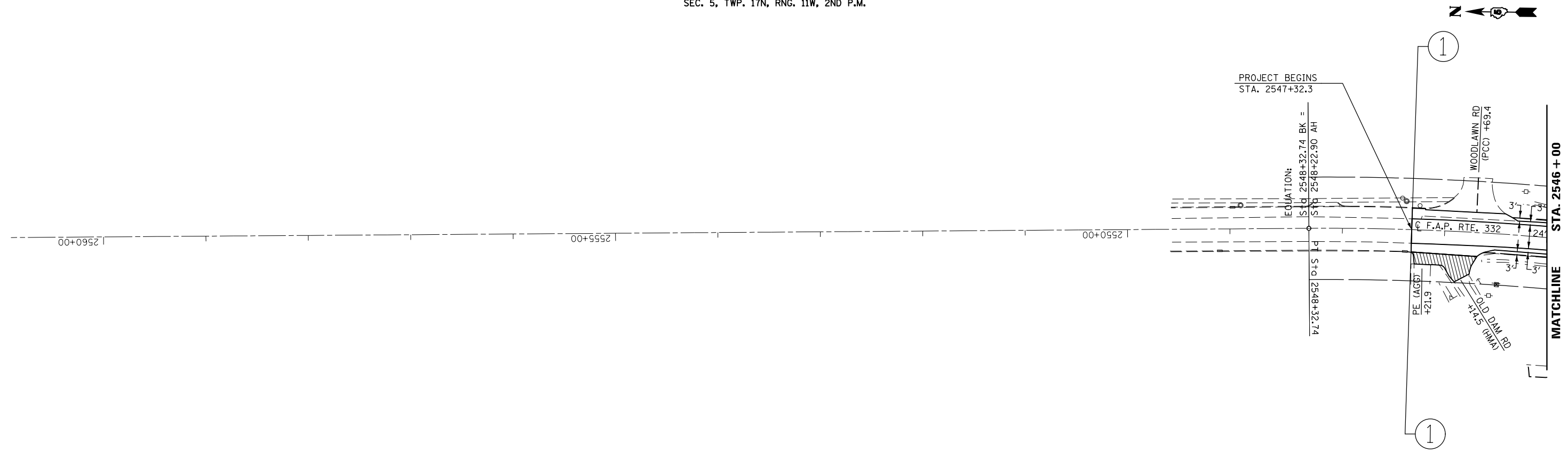
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*MODELNAME*	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/24/2016	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

SCALE: SHEET OF SHEETS STA. TO STA.

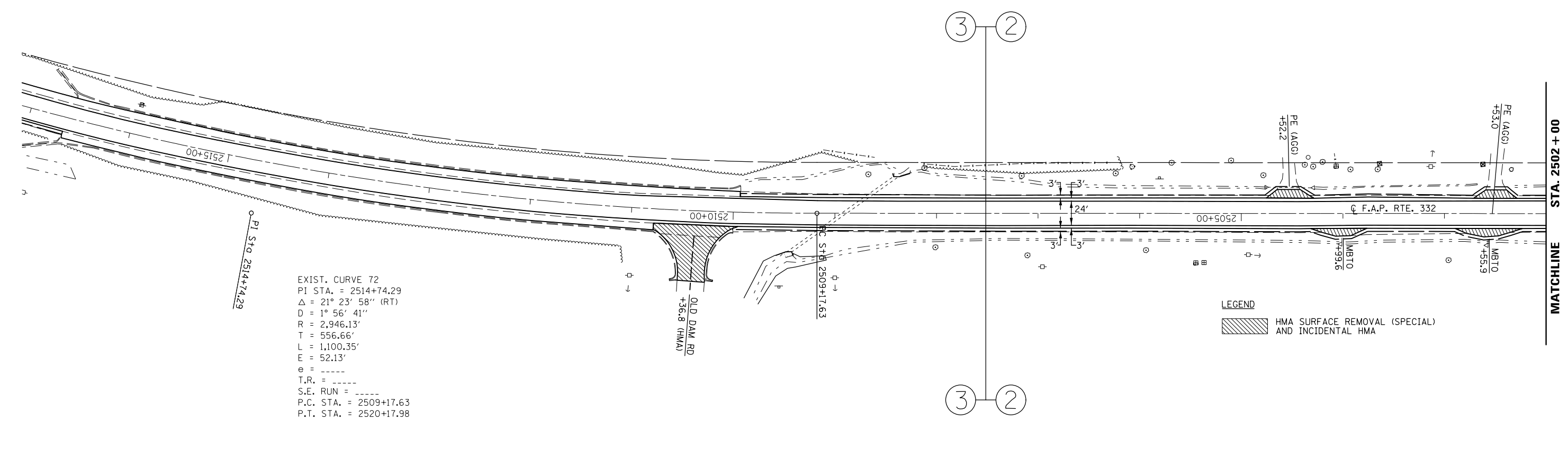
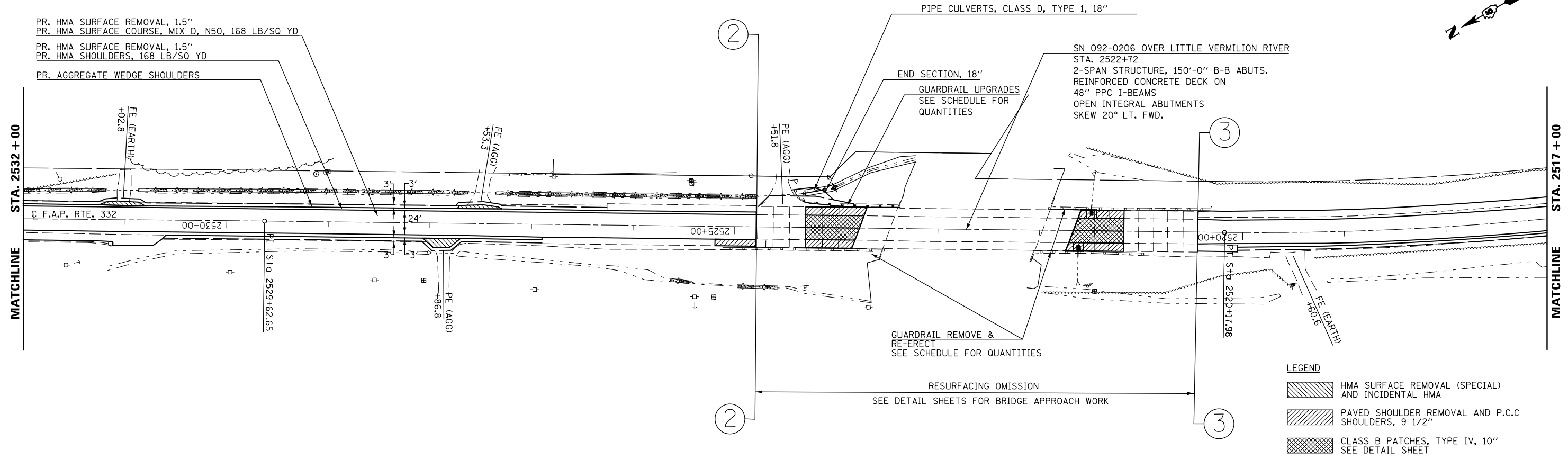
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	47(X-4RS-2,Z-2RS-4)RS-13	Vermilion	58	25
CONTRACT NO. 70899			ILLINOIS FED. AID PROJECT	



EXIST. CURVE 73  
 PI STA. = 2541+58.84  
 $\Delta = 31^\circ 13' 04''$  (LT)  
 $D = 2^\circ 15' 26''$   
 $R = 2,538.40'$   
 $T = 709.16'$   
 $L = 1,383.06'$   
 $E = 97.20'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 P.C. STA. = 2534+49.68  
 P.T. STA. = 2548+32.74

LEGEND  
 HMA SURFACE REMOVAL (SPECIAL) AND INCIDENTAL HMA

FILE NAME =	USER NAME = keyarb	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL. ROUTE 1 PLAN</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
p:\11\084EBID\INTEG\Illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\05798\Drawings\Design\0579899-shr-Plan1.dgn		CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	332	47(X-4RS-2,Z-2RS-4RS-13)	VERMILION	58	26
#MODELNAME#	PLOT DATE = 1/24/2016	DATE -	REVISED -								CONTRACT NO. 70899				
												ILLINOIS FED. AID PROJECT			



FILE NAME =	USER NAME = keyarb	DESIGNED -	REVISED -
p:\1\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\05798\Drawings\Design\0579899-shr-Plan1.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
#MODELNAME#	PLOT DATE = 1/24/2016	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

IL. ROUTE 1 PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

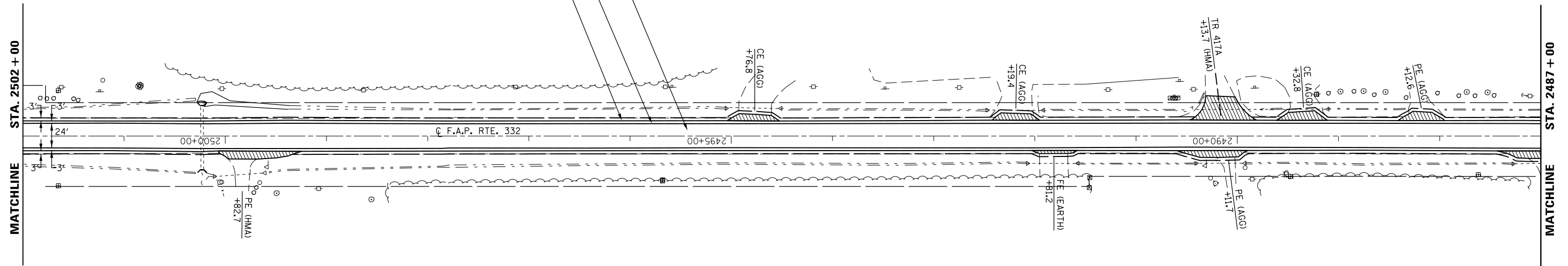
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	47(X-4RS-2,Z-2RS-4RS-13)	VERMILION	58	27
CONTRACT NO. 70899				

ILLINOIS FED. AID PROJECT

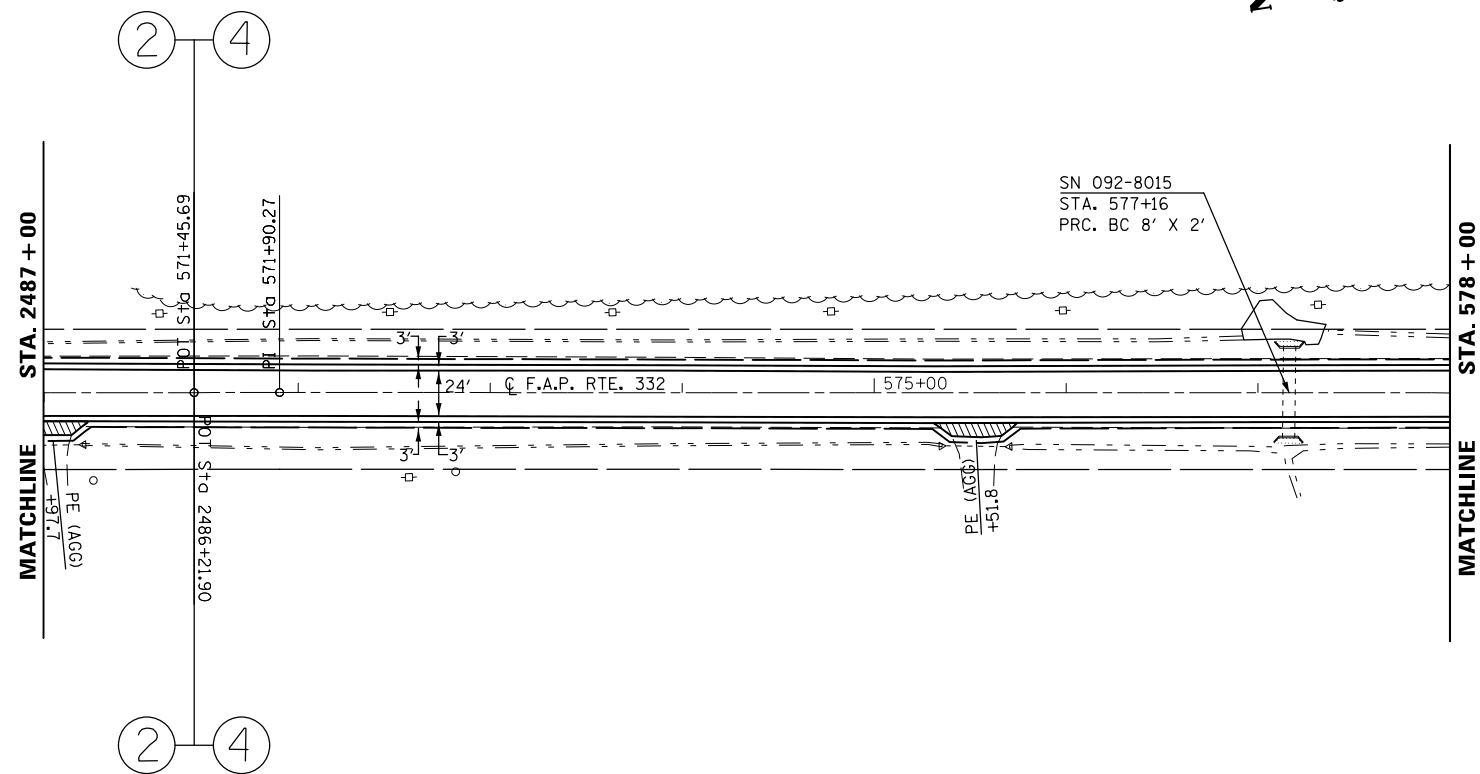
SEC. 7, TWP. 17N,  
RNG. 11W, 2ND P.M.

SEC. 7, TWP. 17N, RNG. 11W, 2ND P.M.

PR. HMA SURFACE REMOVAL, 1.5"  
PR. HMA SURFACE COURSE, MIX D, N50, 168 LB/SQ YD  
PR. HMA SURFACE REMOVAL, 1.5"  
PR. HMA SHOULDERS, 168 LB/SQ YD  
PR. AGGREGATE WEDGE SHOULDERS



SEC. 7, TWP. 17N, RNG. 11W, 2ND P.M.



LEGEND

 HMA SURFACE REMOVAL (SPECIAL) AND INCIDENTAL HMA

FILE NAME =	USER NAME = keysrb	DESIGNED -	REVISED -
p:\11\084EBIDINTEG\illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\05798\Drawings\Design\0579899-shr-Plan1.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
#MODELNAME#	PLOT DATE = 1/24/2016	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL ROUTE 1 PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

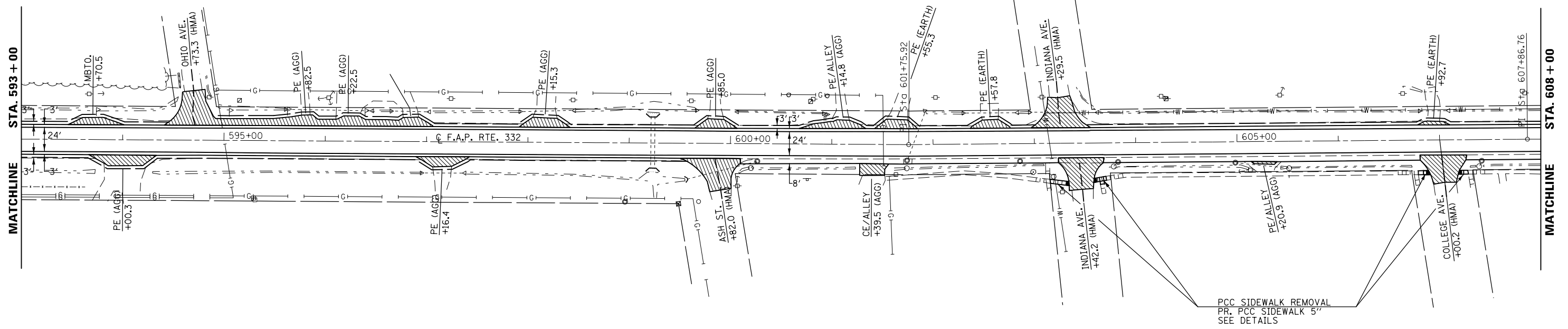
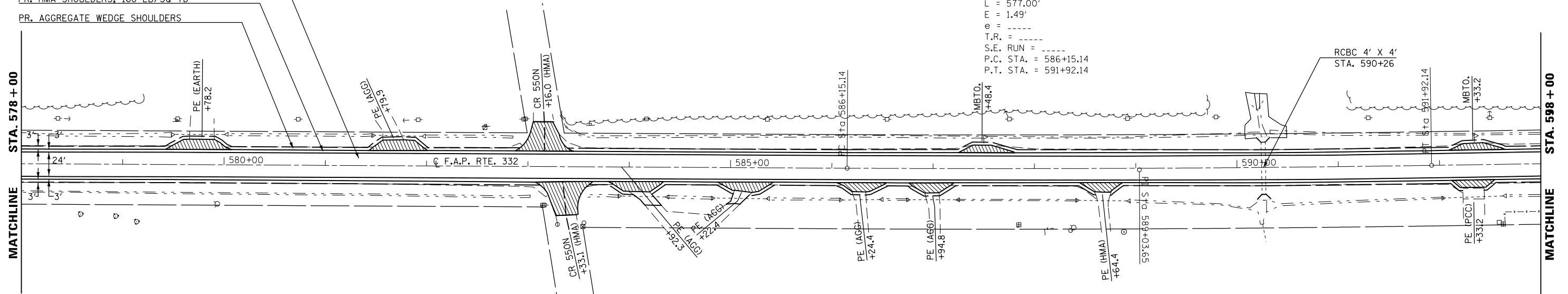
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	47(X-4RS-2,Z-2RS-4)RS-13	VERMILION	58	28
CONTRACT NO. 70899				

ILLINOIS FED. AID PROJECT

EXIST. CURVE 70  
 PI STA. = 589+03.65  
 $\Delta = 1^\circ 10' 49''$  (LT)  
 $D = 0^\circ 12' 16''$   
 $R = 28,012.59'$   
 $T = 288.51'$   
 $L = 577.00'$   
 $E = 1.49'$   
 $e = \text{---}$   
 T.P. =  $\text{---}$   
 S.E. RUN =  $\text{---}$   
 P.C. STA. = 586+15.14  
 P.T. STA. = 591+92.14



PR. HMA SURFACE REMOVAL, 1.5"  
 PR. HMA SURFACE COURSE, MIX D, N50, 168 LB/SQ YD  
 PR. HMA SURFACE REMOVAL, 1.5"  
 PR. HMA SHOULDERS, 168 LB/SQ YD  
 PR. AGGREGATE WEDGE SHOULDERS



PCC SIDEWALK REMOVAL  
 PR. PCC SIDEWALK 5"  
 SEE DETAILS

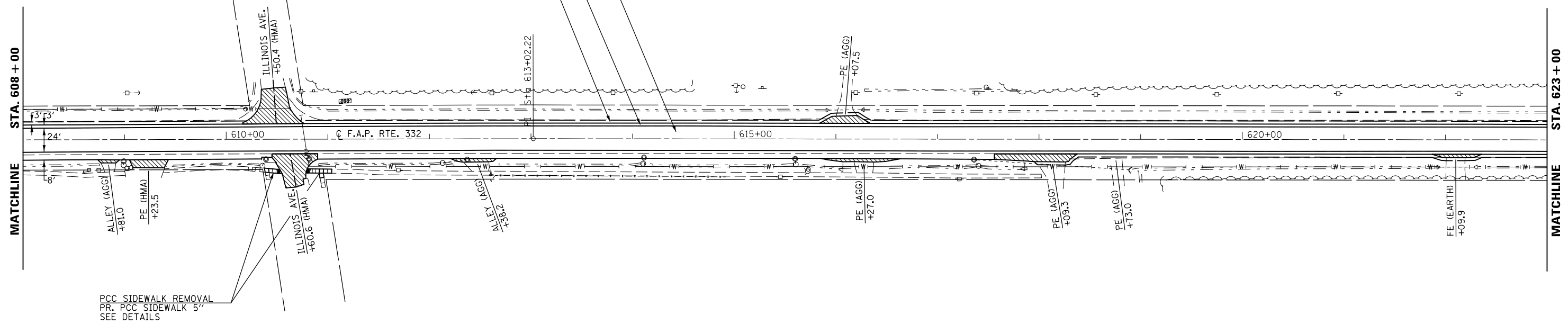
LEGEND  
 HMA SURFACE REMOVAL (SPECIAL) AND INCIDENTAL HMA

FILE NAME =	USER NAME = keyarb	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL ROUTE 1 PLAN</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\IL084EBIDINTEG\Illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\05798\Drawings\Design\0579899-shr-Plan1.dgn		DRAWN -	REVISED -					332	47(X-4RS-2,Z-2RS-4RS-13)	VERMILION	58	29
		CHECKED -	REVISED -					CONTRACT NO. 70899				
#MODELNAME#		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
	PLOT SCALE = 100.0000' / in.			SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.		

SEC. 7, TWP. 17N, RNG. 11W, 2ND P.M.

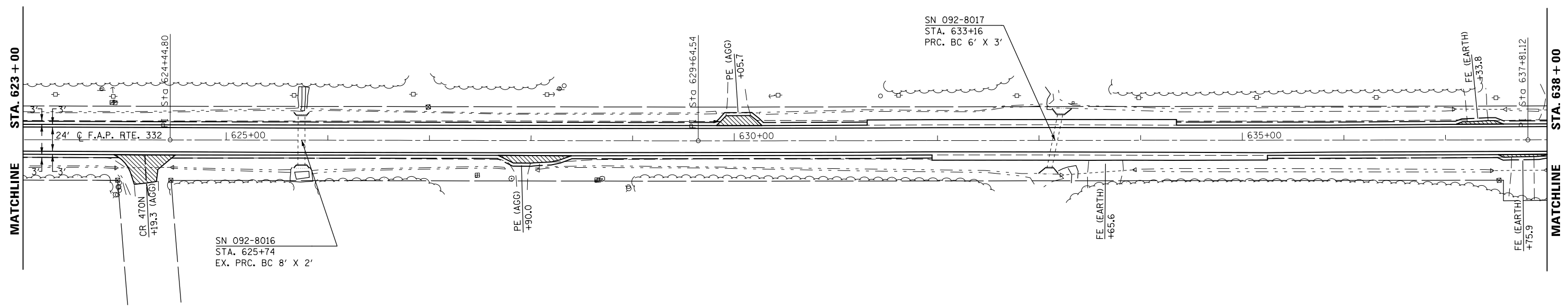
SEC. 18, TWP. 17N, RNG. 11W, 2ND P.M.

PR. HMA SURFACE REMOVAL, 1.5"  
 PR. HMA SURFACE COURSE, MIX D, N50, 168 LB/SQ YD  
 PR. HMA SURFACE REMOVAL, 1.5"  
 PR. HMA SHOULDERS, 168 LB/SQ YD  
 PR. AGGREGATE WEDGE SHOULDERS



PCC SIDEWALK REMOVAL  
 PR. PCC SIDEWALK 5"  
 SEE DETAILS

SEC. 18, TWP. 17N, RNG. 11W, 2ND P.M.



LEGEND  
 HMA SURFACE REMOVAL (SPECIAL) AND INCIDENTAL HMA

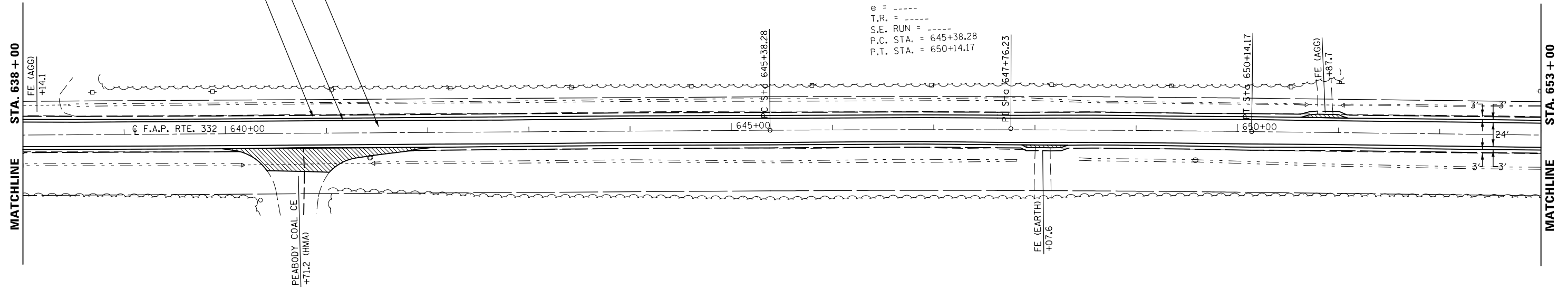
FILE NAME =	USER NAME = keyarb	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL. ROUTE 1 PLAN</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\IL\084EBID\INTEG\illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\0578\DRAWING\Design\0578999-shr-Plan1.dgn								SCALE: 100.0000' / 1" =	332	47(X-4RS-2,Z-2RS-4RS-13)	VERMILION	58
#MODELNAME#	PLOT DATE = 1/24/2016	CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 70899	
											ILLINOIS FED. AID PROJECT	

SEC. 18, TWP. 17N, RNG. 11W, 2ND P.M.



PR. HMA SURFACE REMOVAL, 1.5"  
 PR. HMA SURFACE COURSE, MIX D, N50, 168 LB/SQ YD  
 PR. HMA SURFACE REMOVAL, 1.5"  
 PR. HMA SHOULDERS, 168 LB/SQ YD  
 PR. AGGREGATE WEDGE SHOULDERS

EXIST. CURVE 68  
 PI STA. = 647+76.23  
 $\Delta = 1^\circ 03' 48''$  (RT)  
 $D = 0^\circ 13' 24''$   
 $R = 25,639.86'$   
 $T = 237.95'$   
 $L = 475.89'$   
 $E = 1.10'$   
 $e = \text{----}$   
 $T.R. = \text{----}$   
 $S.E. RUN = \text{----}$   
 P.C. STA. = 645+38.28  
 P.T. STA. = 650+14.17

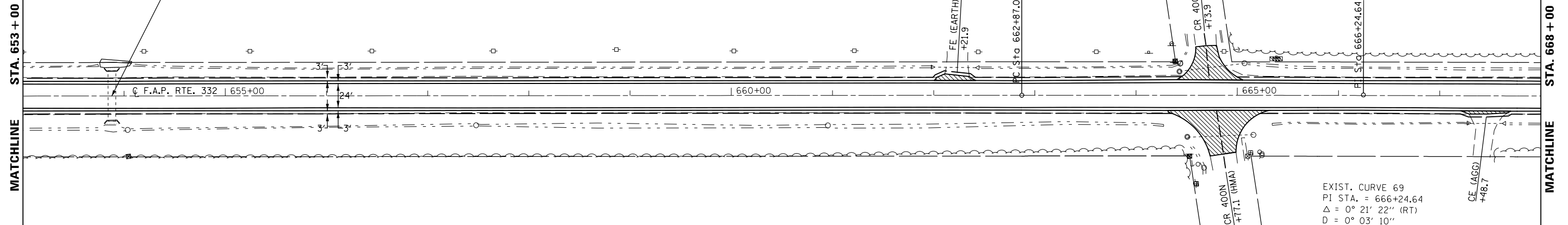


SEC. 18, TWP. 17N, RNG. 11W, 2ND P.M.

SEC. 19, TWP. 17N, RNG. 11W, 2ND P.M.



SN 092-8018  
 STA. 653+88  
 PRC. BC 8' X 2'



EXIST. CURVE 69  
 PI STA. = 666+24.64  
 $\Delta = 0^\circ 21' 22''$  (RT)  
 $D = 0^\circ 03' 10''$   
 $R = 108,660.29'$   
 $T = 337.57'$   
 $L = 675.14'$   
 $E = 0.52'$   
 $e = \text{----}$   
 $T.R. = \text{----}$   
 $S.E. RUN = \text{----}$   
 P.C. STA. = 662+87.07  
 P.T. STA. = 669+62.20

LEGEND

HMA SURFACE REMOVAL (SPECIAL) AND INCIDENTAL HMA

FILE NAME =	USER NAME = keyarb	DESIGNED -	REVISED -
p:\1\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\05798\Drawings\Design\0579899-shr-Plan1.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
#MODELNAME#	PLOT DATE = 1/24/2016	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

IL ROUTE 1 PLAN

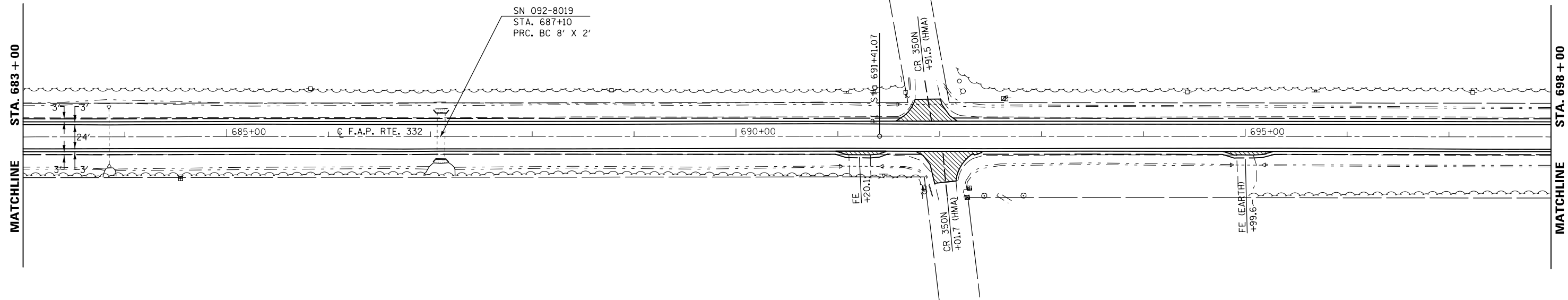
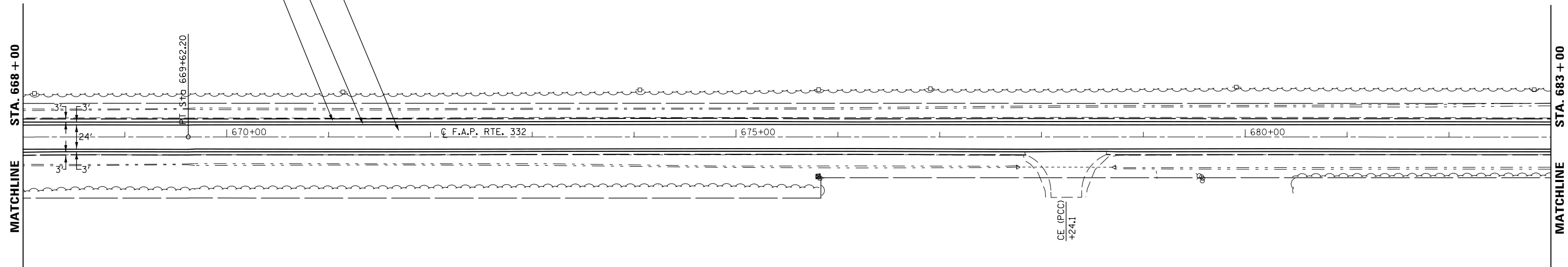
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	47(X-4RS-2,Z-2RS-4RS-13	VERMILION	58	31
CONTRACT NO. 70899				

ILLINOIS FED. AID PROJECT



PR. HMA SURFACE REMOVAL, 1.5"  
 PR. HMA SURFACE COURSE, MIX D, N50, 168 LB/SQ YD  
 PR. HMA SURFACE REMOVAL, 1.5"  
 PR. HMA SHOULDERS, 168 LB/SQ YD  
 PR. AGGREGATE WEDGE SHOULDERS



LEGEND

 HMA SURFACE REMOVAL (SPECIAL) AND INCIDENTAL HMA

FILE NAME =	USER NAME = keyarb	DESIGNED -	REVISED -
p:\IL\084EBIDINTEG\illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\05798\Drawings\Design\0579899-shr-Plan1.dgn		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

IL. ROUTE 1 PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	47(X-4RS-2,Z-2RS-4RS-13)	VERMILION	58	32
CONTRACT NO. 70899				

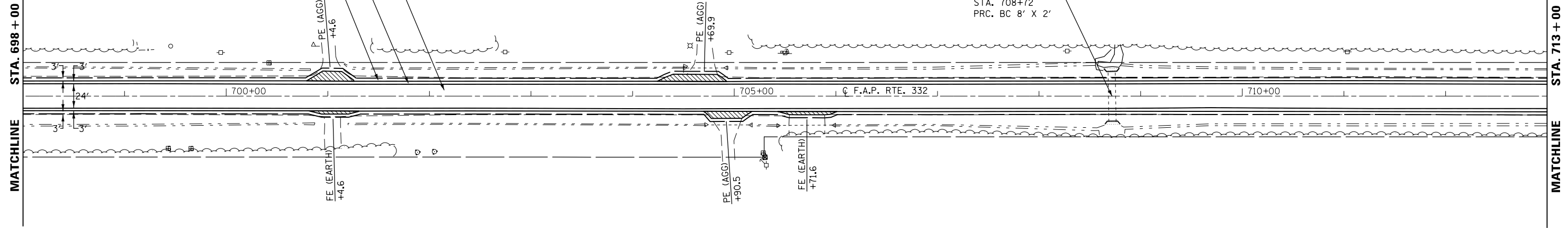
ILLINOIS FED. AID PROJECT





PR. HMA SURFACE REMOVAL, 1.5"  
 PR. HMA SURFACE COURSE, MIX D, N50, 168 LB/SQ YD  
 PR. HMA SURFACE REMOVAL, 1.5"  
 PR. HMA SHOULDERS, 168 LB/SQ YD  
 PR. AGGREGATE WEDGE SHOULDERS

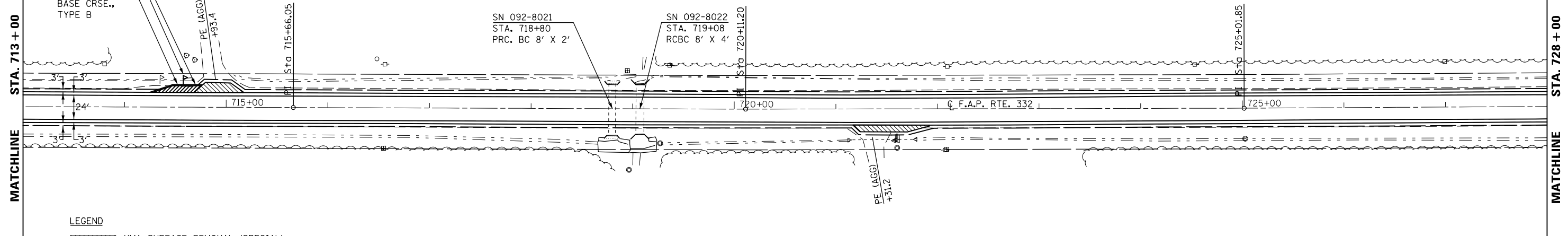
SN 092-8020  
 STA. 708+72  
 PRC. BC 8' X 2'



MAILBOX TURNOUT  
 RELOCATE  
 EXIST. MAILBOX  
 EDGE OF AGG.  
 BASE CRSE.,  
 TYPE B

SN 092-8021  
 STA. 718+80  
 PRC. BC 8' X 2'

SN 092-8022  
 STA. 719+08  
 RCBC 8' X 4'



LEGEND

- HMA SURFACE REMOVAL (SPECIAL) AND INCIDENTAL HMA
- 3 1/4" INCIDENTAL HMA SURFACING SEE DETAIL AND CROSS SECTION

FILE NAME =	USER NAME = keyarb	DESIGNED -	REVISED -
p:\IL\084EBID\INTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\05798\DRAWING\Design\0570899-shr-Plan1.dgn		REVISION	REVISION
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
#MODELNAME#	PLOT DATE = 1/24/2016	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

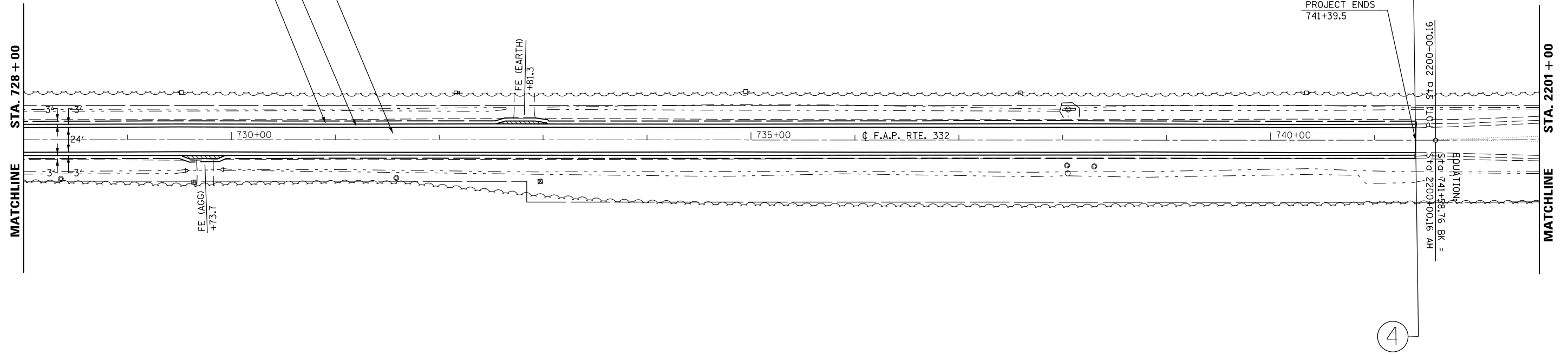
IL ROUTE 1 PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	47(X-4RS-2,Z-2RS-4)RS-13	VERMILION	58	33
CONTRACT NO. 70899				
ILLINOIS FED. AID PROJECT				



PR. HMA SURFACE REMOVAL, 1.5"  
 PR. HMA SURFACE COURSE, MIX D, N50, 168 LB/SQ YD  
 PR. HMA SURFACE REMOVAL, 1.5"  
 PR. HMA SHOULDERS, 168 LB/SQ YD  
 PR. AGGREGATE WEDGE SHOULDERS

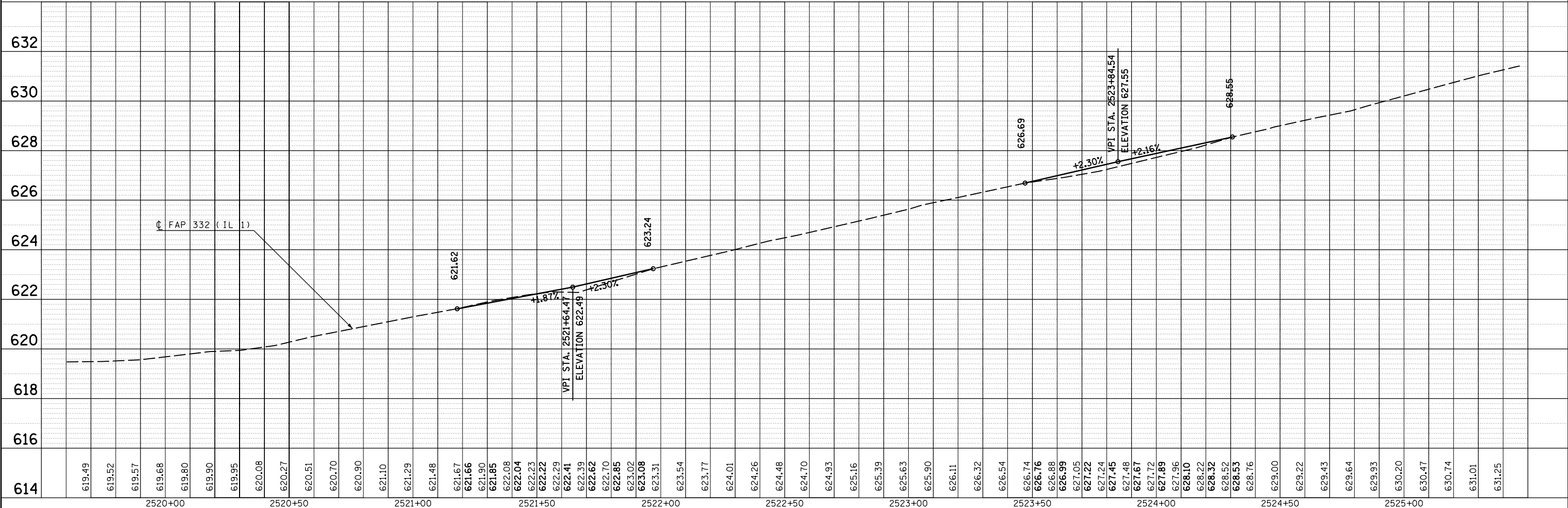
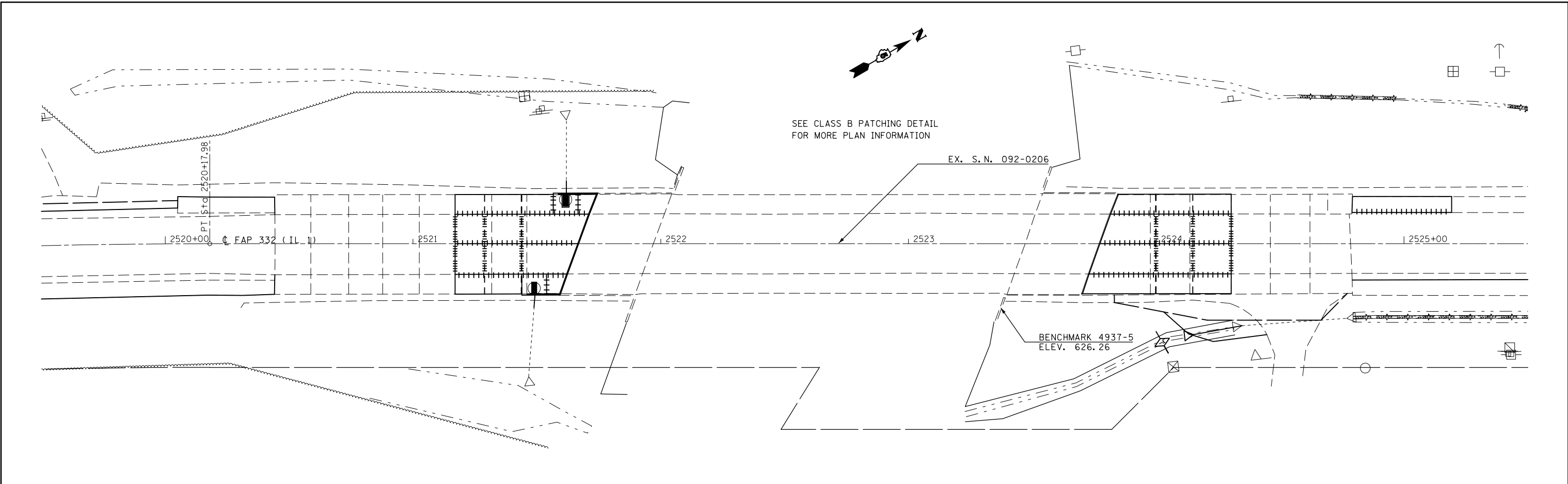


LEGEND  
 HMA SURFACE REMOVAL (SPECIAL) AND INCIDENTAL HMA

FILE NAME =	USER NAME = keyarb	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL ROUTE 1 PLAN</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11084EBIDINTEG\illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\05798\Drawings\Design\0579899-shr-Plan1.dgn	DESIGNED -	REVISED -	332					47(X-4RS-2,Z-2RS-4)RS-13	VERMILION	58	34	
PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -	CONTRACT NO. 70899									
*MODELNAME#	DATE -	REVISED -	SCALE:		SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT	

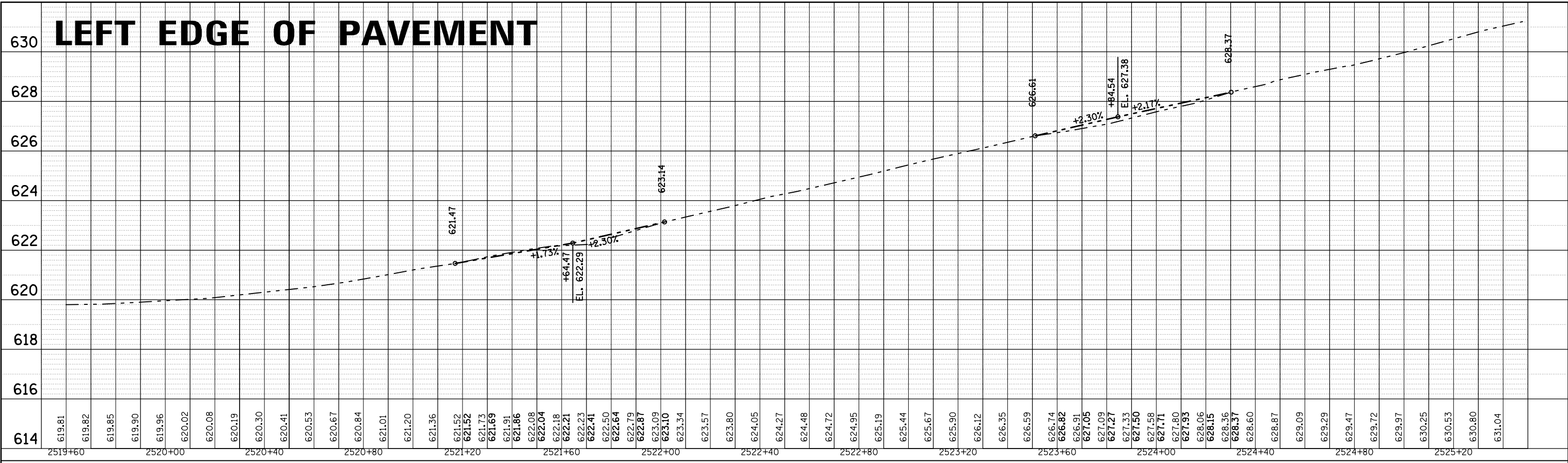
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	PLOTTED		
	ALIGNED		
	CHECKED		
	FILED		
NOTE BOOK NO.	CARD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
NOTE BOOK NO.	NOTATIONS CHECKED		

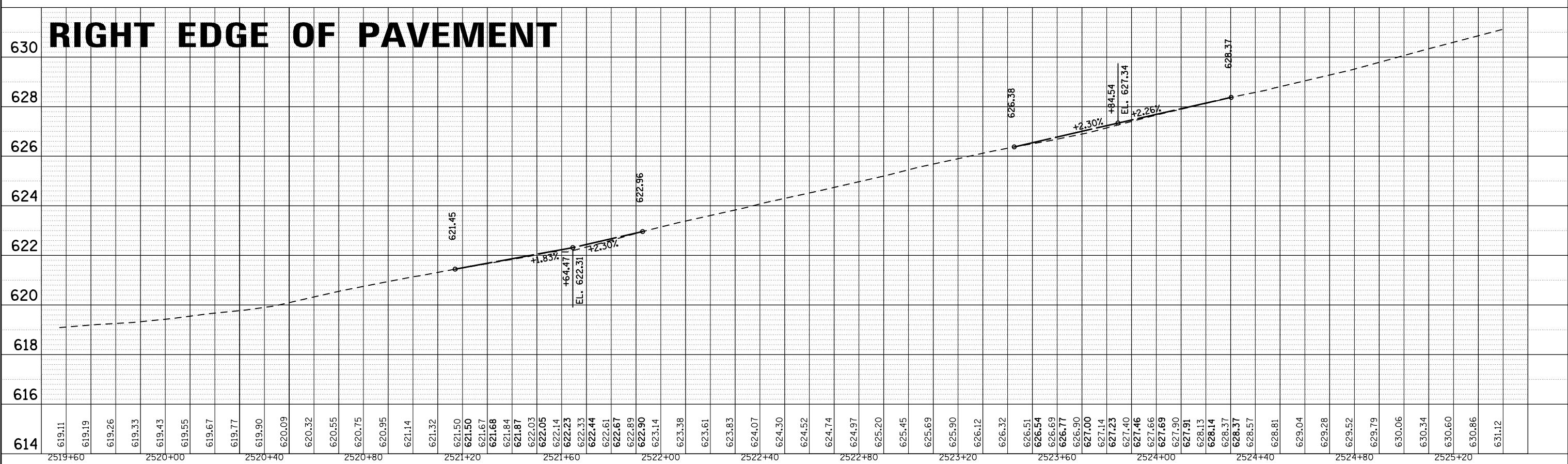


FILE NAME =	USER NAME = keyarb	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN AND CENTERLINE PROFILE</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
MODELNAME\$	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			332	47IX-4RS-2,Z-2RS-4R-13	VERMILION	58	35	
	PLOT DATE = 1/24/2016	DATE -	REVISED -			CONTRACT NO. 70899					
						ILLINOIS FED. AID PROJECT					

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	ALIGNED		
	CHECKED		
	CARD FILE NAME		



PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	CHECKED		
	GRADES		
	STRUCTURE		
	NOTATIONS		



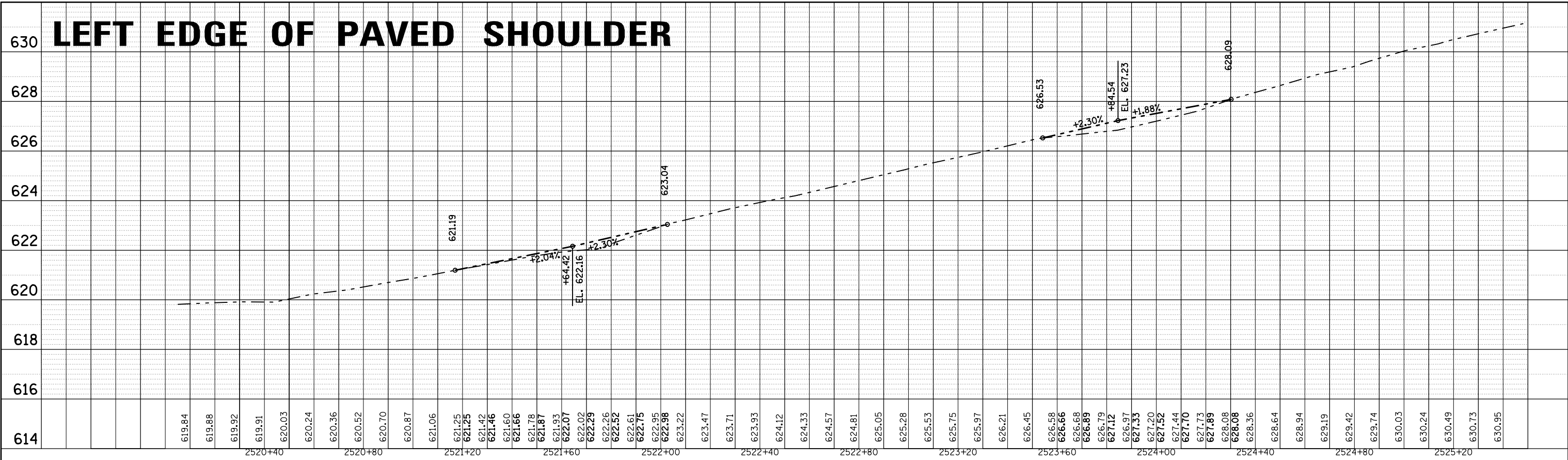
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p:\11084E\BID\INTEG\Illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\0570899\DRAMA\0570899-sht-ApproachPav\REVISED.dgn				332	47IX-4RS-2,7-2RS-4RS-13	VERMILION	58	36
*MODELNAME*	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70899				
	PLOT DATE = 1/24/2016	DATE -	REVISED -	ILLINOIS FED. AID PROJECT				

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

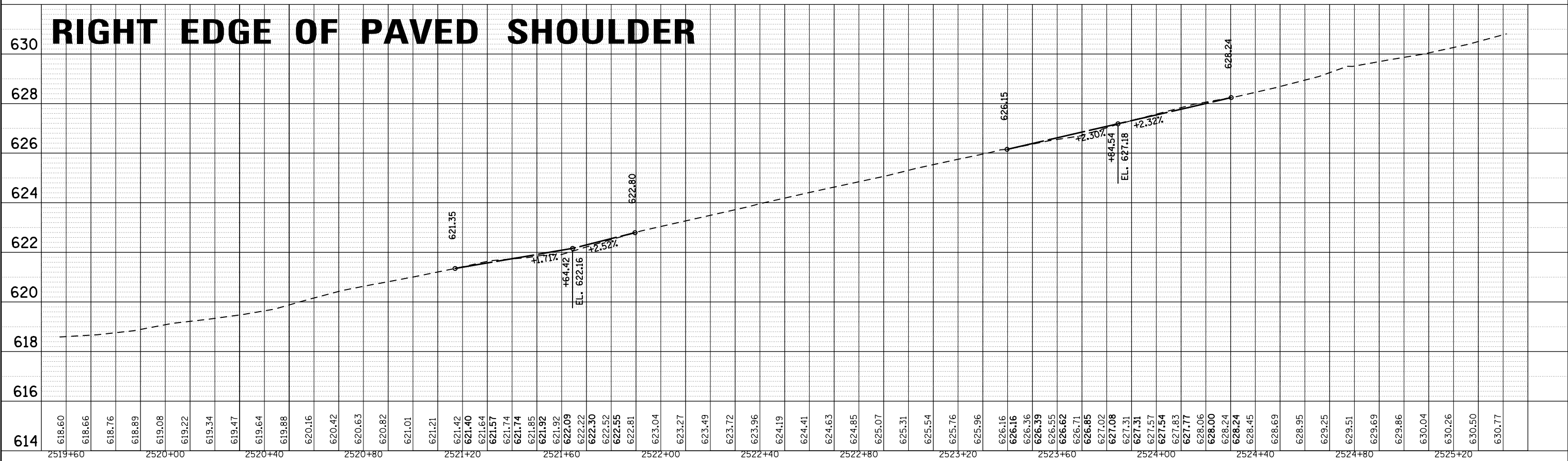
**EDGE OF PAVEMENT PROFILES**

SCALE: SHEET OF SHEETS STA. TO STA.

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	ALIGNED		
	CHECKED		
	FILE NAME		



PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	GRADES CHECKED		
	STRUCTURE		
	NOTATIONS		



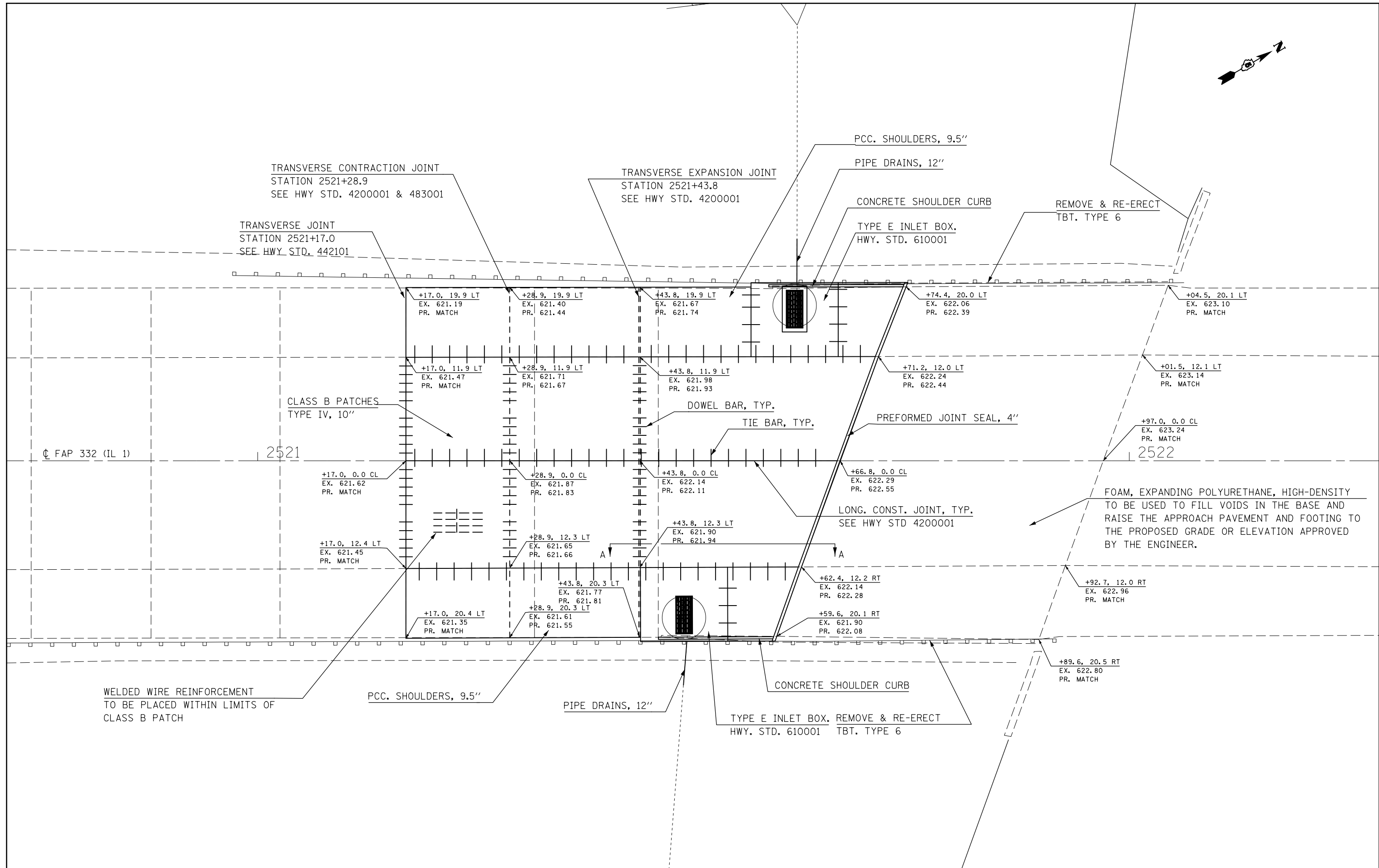
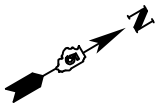
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p:\1\084EBIDINTEG\Illinois.gov\PIDOT\Documents\100T Offices\District 5\Projects\0570899\DRAMA\0570899-sht-Approach\REVISED.dgn			
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	
*MODELNAME*	DATE -	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EDGE OF PAVED SHOULDER PROFILES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	47(X-4RS-2,Z-2RS-4)RS-13	VERMILION	58	37
CONTRACT NO. 70899				
ILLINOIS FED. AID PROJECT				



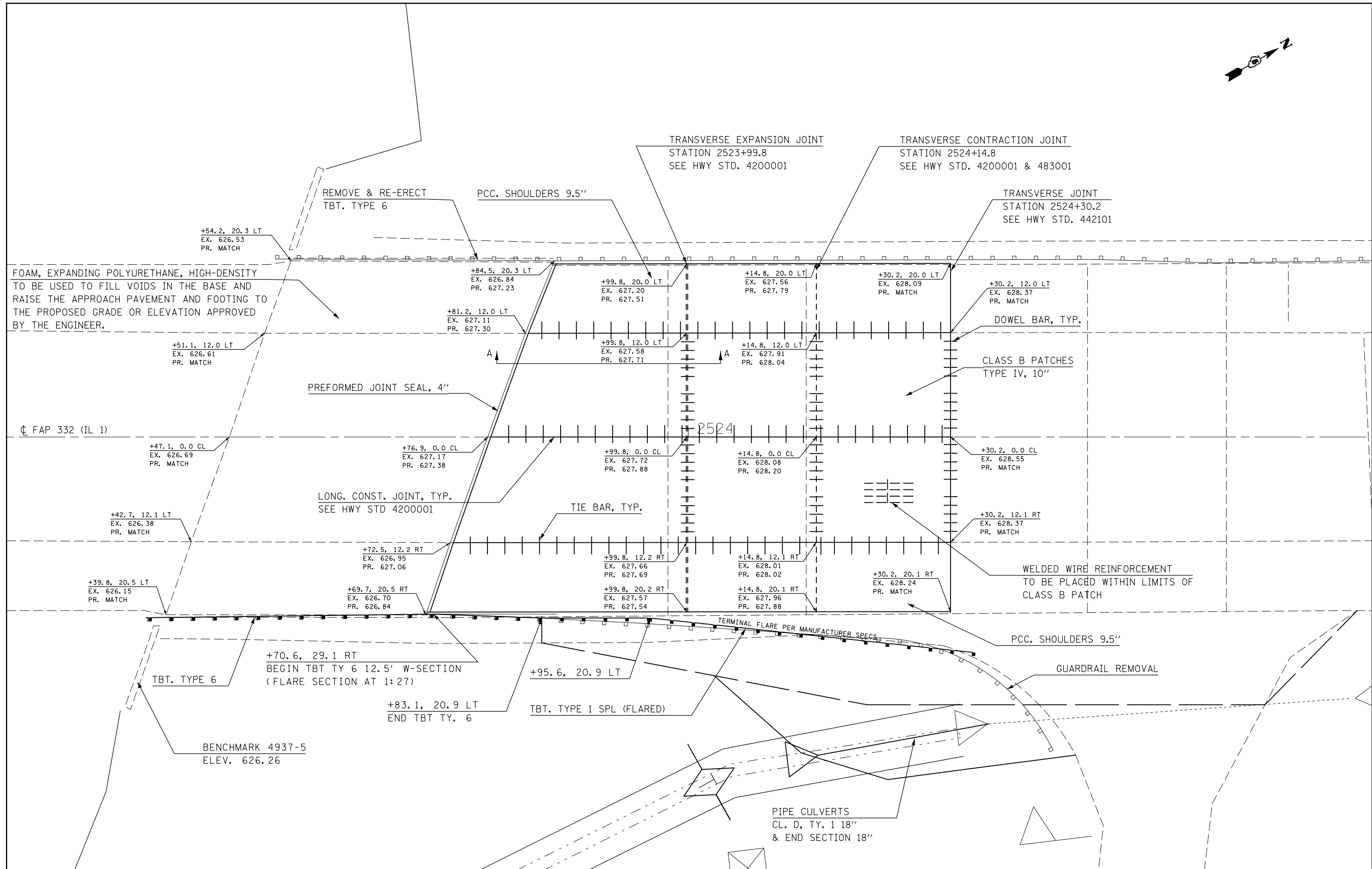
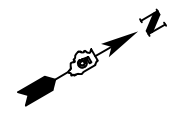
FILE NAME =	USER NAME = keysrb	DESIGNED -	REVISED -
p:\IL\084EBID\INTEG\illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\05798\Drawings\Design\05798\sh-Approach\REVISED.dgn		DRAWN -	REVISED -
\$MODELNAME\$	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/24/2016	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

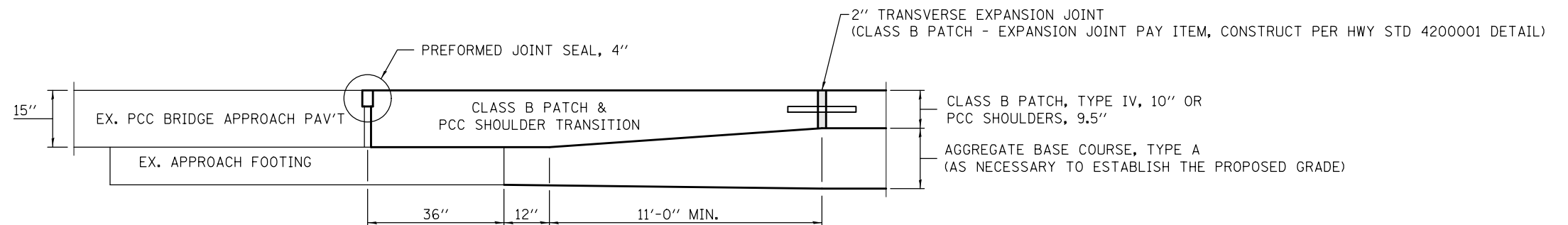
**SN 092-0206  
PAVEMENT DETAIL - SOUTH**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	47(X-4RS-2,Z-2RS-4)RS-13	VERMILION	58	38
CONTRACT NO. 70899				
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = keyarb	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SN 092-0206 PAVEMENT DETAIL - NORTH</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 5\Projects\05798\Drawings\Design\0570899-shr-Approach\REVISED.dgn	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -			332	47(X-4RS-2,Z-2RS-4)RS-13	VERMILION	58	39	
\$MODELNAME\$	PLOT DATE = 1/24/2016	DATE -	REVISED -			CONTRACT NO. 70899					
						ILLINOIS FED. AID PROJECT					



**SECTION A-A**

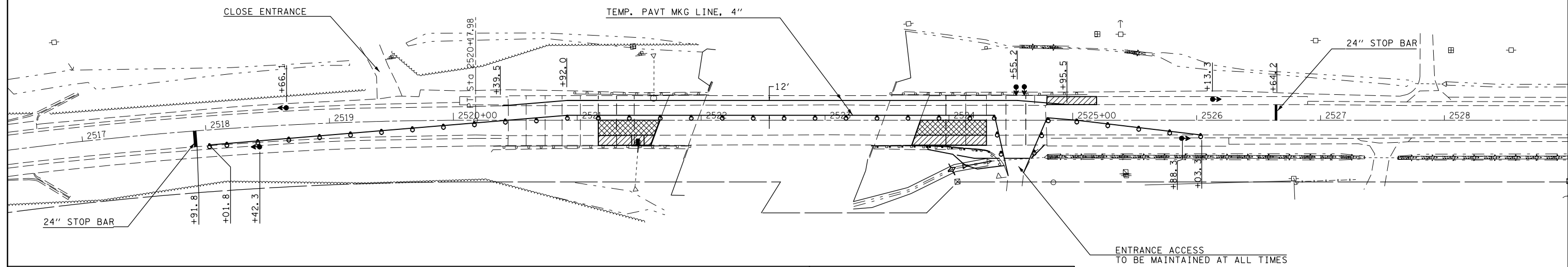
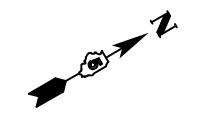
**NOTES:**

1. THE TRANSITION IN THICKNESS SHOWN IN SECTION A-A FOR THE CLASS B PATCH AND PCC SHOULDER ITEMS SHALL BE CONSIDERED INCLUDED IN THE UNIT COST OF THESE ITEMS. IN GENERAL, NO QUANTITY INCREASE SHALL BE ALLOWED FOR VARIATIONS IN THE PLACED THICKNESS OF THESE ITEMS.
2. THE DOWNSTREAM END FACES OF THE PROPOSED CONCRETE CURBS SHALL NOT HAVE A BLUNT, VERTICAL END FACE. THE END FACES SHALL BE FINISHED TO A 1:1 VERTICAL SLOPE.
3. DIAMOND GRINDING OF THE PAVEMENT SHALL BE REQUIRED. SEE SPECIAL PROVISION 'PROFILE DIAMOND GRINDING CONCRETE PAVEMENT' FOR MORE INFORMATION.
4. TIE BARS REQUIRED FOR THE LONGITUDINAL EDGE OF PAVEMENT JOINTS AND FOR THE SHOULDER INLET BOX SHALL NOT BE PAID FOR SEPARATELY. THESE BARS ARE INCLUDED IN THE UNIT PRICE FOR THE ITEMS 'PCC SHOULDERS, 9 1/2"' AND 'TYPE E INLET BOX, STANDARD 610001', RESPECTIVELY. TIE BARS AT THE LONGITUDINAL CENTERLINE JOINT SHALL BE MEASURED FOR PAYMENT. 50 TIE BARS ARE ESTIMATED TO BE REQUIRED ALONG THE CENTERLINE JOINT AND 112 TIE BARS ARE ESTIMATED TO BE REQUIRED ALONG THE LONGITUDINAL EDGE OF PAVEMENT AND INLET JOINTS.
5. THE LONGITUDINAL EDGE OF PAVEMENT REMOVAL SAW CUT SHOWN IN HIGHWAY STANDARD 442101 FOR CLASS B PATCHES AND SPECIFIED IN ARTICLE 442.05(b) OF THE STANDARD SPECIFICATIONS WILL NOT BE MEASURED FOR PAYMENT. THIS SAW CUT IS INCLUDED IN THE UNIT PRICE OF THE 'PAVED SHOULDER REMOVAL' ITEM.
6. REMOVAL AND DISPOSAL OF THE EXISTING 4" PREFORMED JOINT SEAL MATERIAL SHALL BE CONSIDERED INCLUDED IN THE UNIT PRICE FOR THE CLASS B PATCHES, TYPE IV, 10" PAY ITEM.
7. THE COST OF ANY BASE OR SUBGRADE EXCAVATION NECESSARY TO PLACE THE PROPOSED SHOULDER AND CLASS B PATCH AT THE PROPOSED ELEVATIONS SHALL BE CONSIDERED INCLUDED IN THE COST OF THESE ITEMS.
8. THE COST OF THE TRANSVERSE EXPANSION JOINTS IN THE PROPOSED PCC SHOULDERS IS INCLUDED IN THE UNIT PRICE OF THE PCC SHOULDERS, 9 1/2" ITEM.

FILE NAME =	USER NAME = keyarb	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SN 092-0206 GENERAL DETAILS AND NOTES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\IL\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\0579\Drawings\Design\05790899-shr-Approach Pavement.dgn	DRAWN	CHECKED	REVISED			332	47(X-4RS-2,Z-2RS-4)RS-13	VERMILION	58	40	
\$MODELNAME\$	PLOT SCALE = 10.0000' / in.	DATE -	REVISED -			CONTRACT NO. 70899					
	PLOT DATE = 1/26/2016	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO
ILLINOIS FED. AID PROJECT											



# STAGE I TRAFFIC CONTROL



### STAGE CONSTRUCTION NOTES:

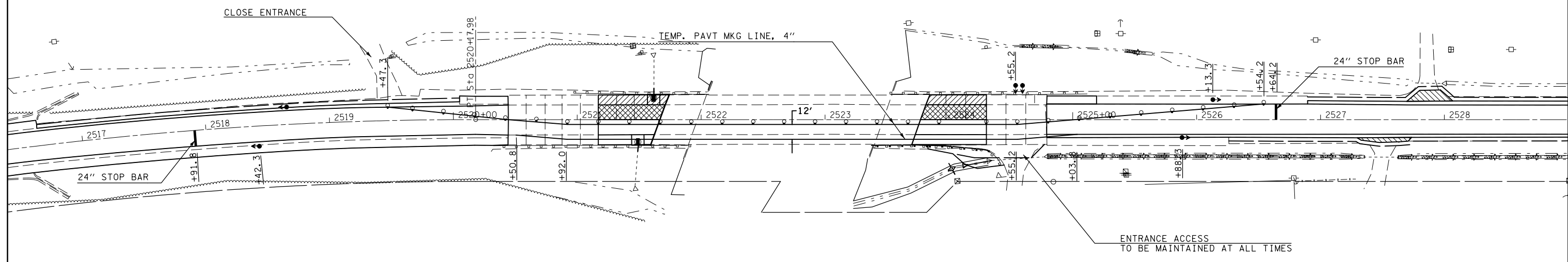
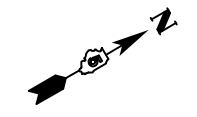
1. COMPLETE THE PCC SHOULDER REMOVAL AND REPLACEMENT AT LT STA. 2525+00 PRIOR TO THE SETUP OF TC&P STD. 701316 AND SECURE THE SHOULDER INLET GRATES PER GENERAL NOTE 609 PRIOR TO PLACING ANY TRAFFIC ON THE SHOULDERS.
2. ERECT SIGNS, TRAFFIC SIGNALS, TEMPORARY RUMBLE STRIPS ON THE SOUTH APPROACH, STOP BARS, AND DRUMS ACCORDING TO TRAFFIC CONTROL STANDARD 701316 AND THIS DETAIL.
2. PRIOR TO INSTALLATION OF THE TEMPORARY LANE MARKINGS AND PRIOR TO THE REMOVAL OF PAVEMENT AND SHOULDERS, COMPLETE THE APPROACH PAVEMENT JACKING WITH HIGH-DENSITY FOAM. IF THE APPROACH PAVEMENT JACKING CANNOT BE COMPLETED PRIOR TO DUSK, THE TEMPORARY LANE MARKING LINES SHALL BE INSTALLED AS DIRECTED BY THE ENGINEER.
3. MULTIPLE SETUPS OF TC&P STD 701316 ARE ANTICIPATED FOR THE APPROACH PAVEMENT JACKING WORK. TC&P STD. 701316 WILL BE MEASURED FOR PAYMENT AS EACH, WHERE EACH IS DEFINED AS THIS ONE BRIDGE LOCATION REGARDLESS OF THE NUMBER OF 701316 SETUPS REQUIRED.
4. IF FLAGGERS ARE USED DURING THE APPROACH PAVEMENT JACKING WORK, THE COST OF THESE FLAGGERS SHALL CONSIDERED INCLUDED IN THE COST OF THE TC&P STD 701316 ITEM.
5. ONCE THE APPROACH PAVEMENT JACKING IS COMPLETE, INSTALL THE TEMPORARY PAVEMENT MARKINGS AND REMOVE ANY CONFLICTING PAVEMENT MARKINGS.
6. COMPLETE THE REMAINING WORK. DETAILS NOT SHOWN SHALL CONFORM TO HIGHWAY STANDARD 701316.

### LEGEND

- Drum with steady burning light
- Traffic signal

ENTRANCE ACCESS  
TO BE MAINTAINED AT ALL TIMES

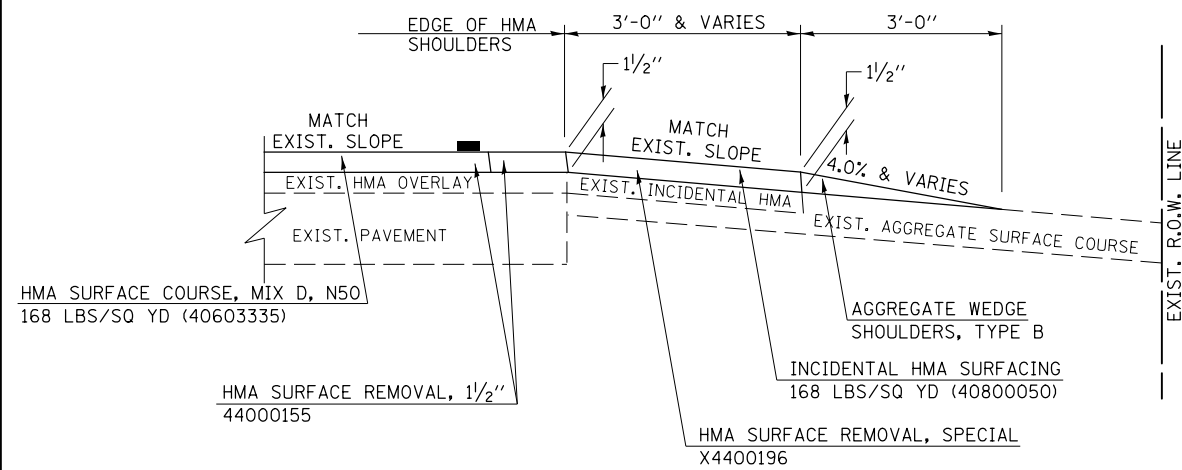
# STAGE II TRAFFIC CONTROL



ENTRANCE ACCESS  
TO BE MAINTAINED AT ALL TIMES

FILE NAME =	USER NAME = keysrb	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC CONTROL AND PROTECTION STANDARD 701316 DETAILS</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
pw:\IL\084EBIDINTEG\illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\05798\Drawings\Design\0570899-sh1-Approach\REVISED.dgn	PLOT SCALE = 80.0000' / in.	CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	332	47(X-4RS-2,Z-2RS-4)RS-13	VERMILION	58	41
*MODELNAME#	PLOT DATE = 1/26/2016	DATE -	REVISED -						CONTRACT NO. 70899				ILLINOIS FED. AID PROJECT			

## FIELD ENTRANCE DETAIL

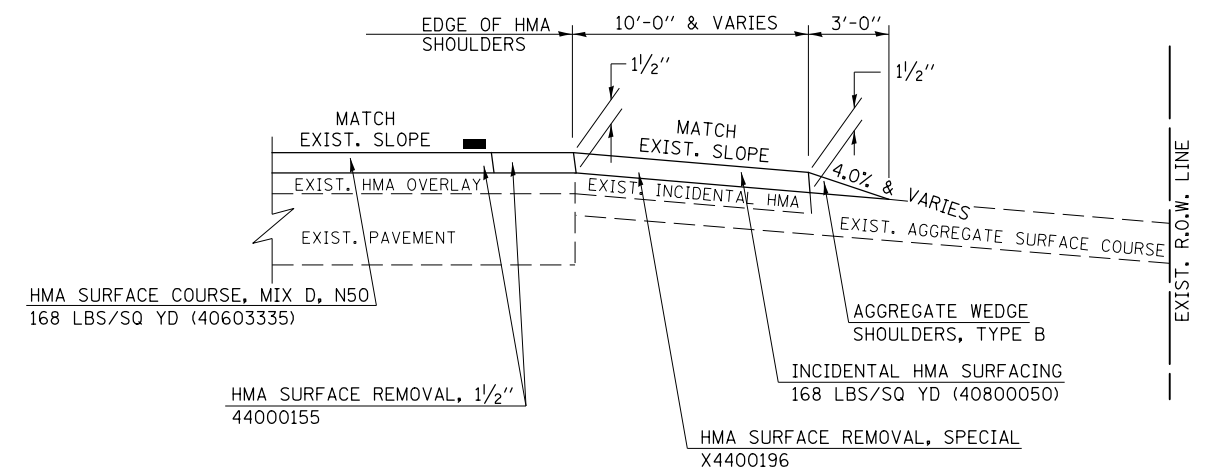


NOTE: THE INTENT IS TO RESURFACE THE EXISTING HMA CONFIGURATION. EXISTING AGGREGATE OR EARTH ENTRANCES SHALL HAVE THE CONTINUATION OF AGGREGATE WEDGE SHOULDERS PLACED BEHIND THEM.

### GENERAL NOTES

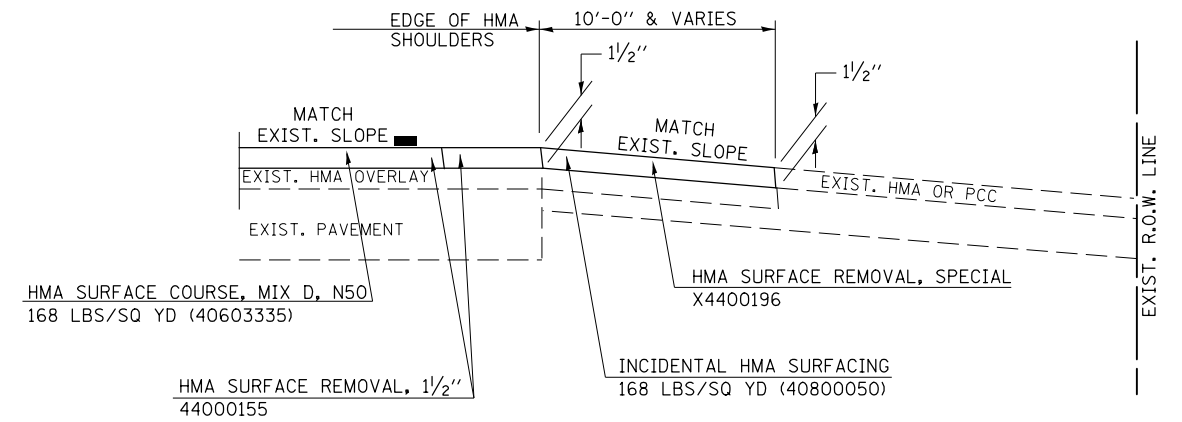
1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS.
2. ANY NECESSARY WORK BEHIND THE HMA SHOULDER OR THE INCIDENTAL HMA SURFACING SHALL BE AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
3. EXISTING FIELD ENTRANCES OF AGGREGATE OR EARTH WITH NO HMA APRON SHALL NOT RECEIVE A NEW HMA APRON WITHOUT PROPER APPROVAL THROUGH THE BUREAU OF OPERATIONS "POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS".
4. TO ASSURE APPROPRIATE ACCESS POLICIES ARE FOLLOWED ALL NEW ACCESS SHALL BE APPLIED FOR THROUGH THE BUREAU OF OPERATIONS PERMIT APPLICATION PROCESS. PLAN PREPARATION MEMORANDUMS 40-09 AND 40-11 ALONG WITH DISTRICT CONSTRUCTION MEMORANDUM 03/14 DISCUSS THIS PROCEDURE.

## PRIVATE & COMMERCIAL ENTRANCES



### EXISTING AGGREGATE ENTRANCE

NOTE: THE INTENT IS TO RESURFACE THE EXISTING HMA CONFIGURATION. EXISTING AGGREGATE OR EARTH ENTRANCES SHALL HAVE THE CONTINUATION OF AGGREGATE WEDGE SHOULDERS PLACED BEHIND THEM.



### EXISTING HMA OR PCC ENTRANCE

NOTE: THE INTENT IS TO RESURFACE THE EXISTING HMA CONFIGURATION TO THE LIMITS SHOWN ON THE PLAN SHEETS (TYPICALLY TO COMPLETION OF THE RADIUS RETURN).

FILE NAME =	USER NAME = keysrb	DESIGNED -	REVISED - 12/01/06 TJB
p:\11\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\05798\Drawings\Design\0579899-sht-Details.dwg		DRAWN -	REVISED - 09/21/07 KAG
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED - 04/30/08 KJT
	PLOT DATE = 1/24/2016	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

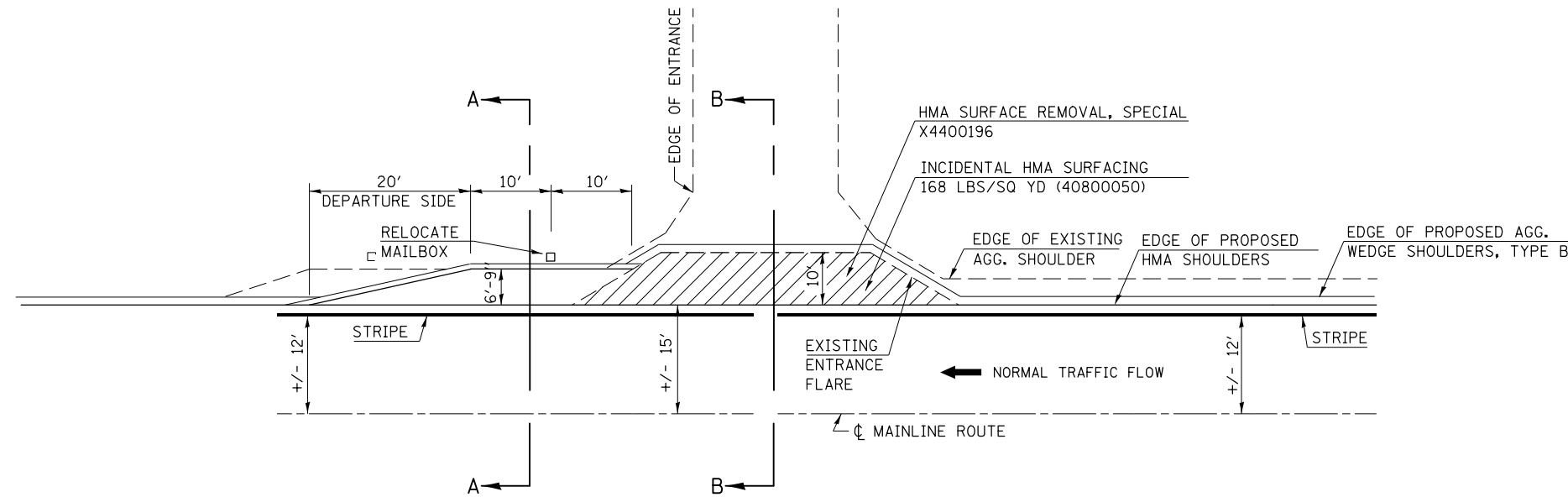
ENTRANCES (NONCOMMERCIAL RURAL)

SCALE: NA SHEET NO. 1 OF 1 SHEET STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	47(X-4RS-2,Z-2RS-4)RS-13	Vermillion	58	42
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
CONTRACT NO. 70899				

# MAILBOX TURNOUT: STA. 714 + 55 LT

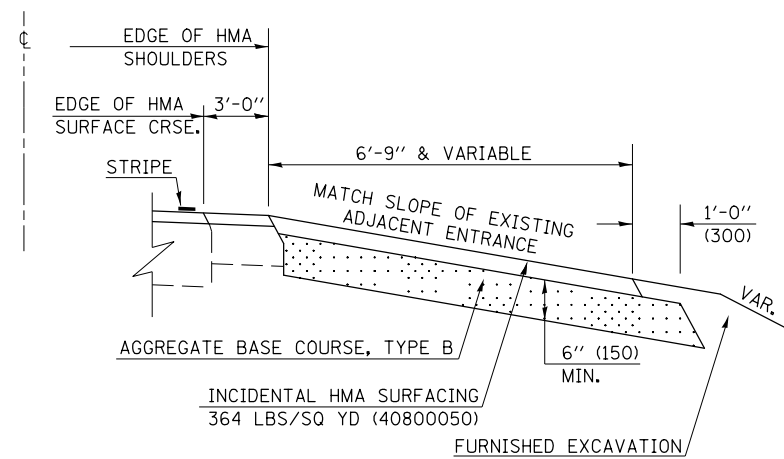
NOTE: FOR ALL OTHER MAILBOX TURNOUT LOCATIONS, THE INTENT IS TO RESURFACE THE EXISTING HMA CONFIGURATION. THE INCIDENTAL HMA SURFACING SHALL HAVE THE CONTINUATION OF AGGREGATE WEDGE SHOULDERS PLACED BEHIND THEM.



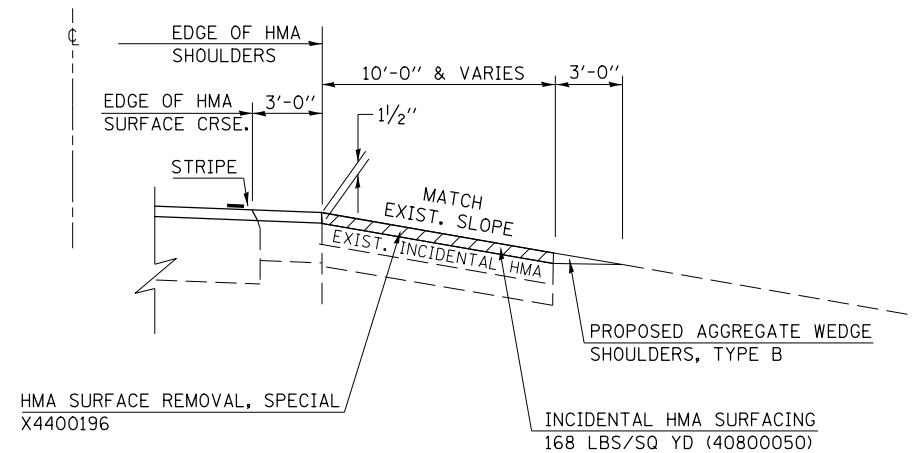
STA. 714+55 LT MAILBOX TURNOUT PLACEMENT  
ADJACENT TO ENTRANCE

## GENERAL NOTES

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS.
2. ANY NECESSARY WORK BEHIND THE INCIDENTAL HMA SURFACING SHALL BE AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
3. THE TEMPORARY RELOCATION OF EXISTING MAILBOXES SHALL BE IN ACCORDANCE WITH ARTICLE 107.20 OF THE STANDARD SPECIFICATIONS.
4. MAILBOXES SHALL BE MOUNTED SUCH THAT THE FACE OF THE MAILBOX IS 6" (150 mm) TO 12" (300 mm) AND THE POST A MINIMUM OF 24" (600 mm) FROM THE EDGE OF THE TURNOUT SURFACING.



SECTION A-A

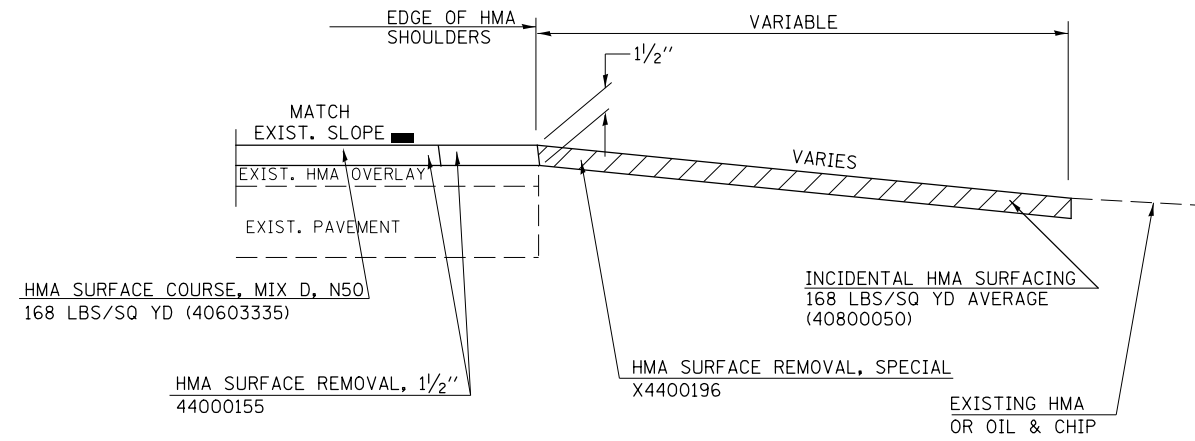


SECTION B-B

FILE NAME =	USER NAME = keyarb	DESIGNED -	REVISED - 12/11/06 TJB	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MAILBOX TURNOUT (STA. 714 + 55)</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\05798\Drawings\Design\0579899-shr-Details.dwg	DRAWN	REVISED - 09/21/07 KAG	REVISED -					332	47(X-4RS-2,Z-2RS-4)RS-13	Vermilion	58	43
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	REVISED -		CONTRACT NO. 70899							
PLOT DATE = 1/24/2016	DATE -	REVISED -	REVISED -		FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT					

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

# SIDEROADS & SIDESTREETS

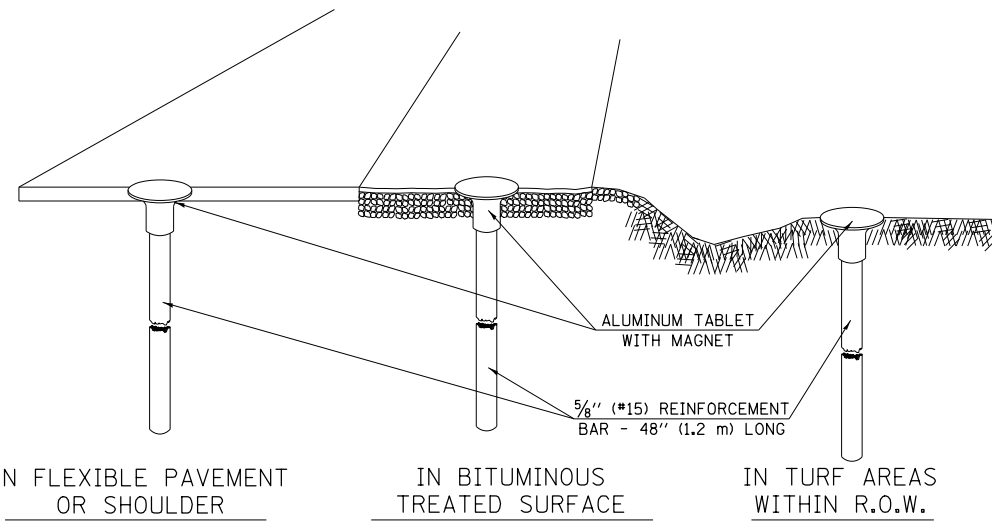


NOTE: THE INTENT IS TO RESURFACE THE EXISTING HMA CONFIGURATION TO THE LIMITS SHOWN ON THE PLAN SHEETS (TYPICALLY TO COMPLETION OF THE RADIUS RETURN).

FILE NAME =	USER NAME = keyrb	DESIGNED -	REVISED - 12/13/06 TJB	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SIDEROADS &amp; SIDESTREETS (RURAL)</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
			REVISED - 09/21/07 KAG			332	47(X-4RS-2,Z-2RS-4)RS-13	Vermilion	58	44	
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED - 12/21/09 KJT			CONTRACT NO. 70899					
	PLOT DATE = 1/24/2016	DATE -	REVISED -			SCALE: NA	SHEET NO. 1 OF 1 SHEET	STA.	TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

## XZ193300 – SURVEY MARKER, TYPE 1 (SPECIAL)

TO BE INSTALLED IN FLEXIBLE PAVEMENT OR SHOULDER, BITUMINOUS TREATED SURFACE AND TURF AREAS WITHIN THE RIGHT-OF-WAY FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S)



### SPECIFICATIONS FOR ALUMINUM TABLET

SURVEY CAP FOR REBAR. 3/4" (83 mm) CONVEX SURVEY CAP FOR 5/8" (15 mm) REBAR WITH ILLINOIS DEPARTMENT OF TRANSPORTATION LOGO. THIS LOGO SHALL PROVIDE LETTERS RECESSED INTO THE SURFACE A MINIMUM OF 1/32" (0.8 mm) FOR EASY AND LONG-TERM LEGIBILITY. THE ALUMINUM CAP FOR REBAR SHALL BE PRODUCED BY THE PROCESS OF ORBITAL FORGING TO PRODUCE A HIGH-STRENGTH AND DURABLE MARKER CAP WHICH WILL NOT CHIP OR BREAK AND PROVIDE A SMOOTH FINISH FOR STAMPING OF DATA IN THE FIELD. THE ALUMINUM CAP FOR REBAR SHALL BE TAPERED FOR A PERFECT COMPRESSION FIT. A SPECIAL PLASTIC INSULATOR SHALL BE INSTALLED TO PREVENT DISSIMILAR METAL CONTACT AND CORROSION. THE PLASTIC INSULATOR SHALL FORM READILY TO THE OUTER SHAPE OF THE REBAR AND TO THE INNER SHAPE OF THE ALUMINUM CAP SOCKET. THE PLASTIC INSULATOR SHALL BE LOW DENSITY POLYETHYLENE, A MINIMUM 1/2" (38 mm) LONG AND CONFORM TO FEDERAL SPECIFICATION L-P 390.

COMPOSITION: ALUMINUM 98.3-98.7%; OTHER 1.3-1.7%; STRENGTH: YIELD 28 KSI (193 MPa), ULTIMATE 32 KSI (221 MPa). ELONGATION 15% [IN 2" (50 mm)]. SPECIFICATIONS: ALUMINUM ALLOY 6101-0; ASTM B317-83 (EXCEPT TEMPER) AS FORGED. NO EXCEPTIONS.

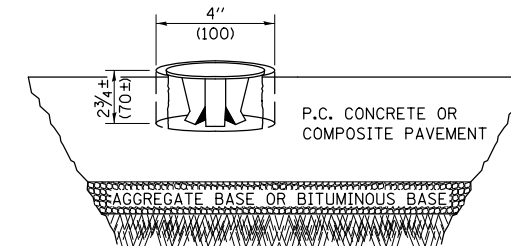
### SPECIFICATIONS FOR REBAR

REBAR FOR ALUMINUM TABLET. REINFORCEMENT BAR SHALL BE 5/8" (#15) X 48" (1.2 m) (DEFORMED).

INSPECTION OF REINFORCEMENT BAR 5/8" (#15) SHALL BE DONE BY DISTRICT PERSONNEL OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS.

## XZ193400 – SURVEY MARKER, TYPE 2 (SPECIAL)

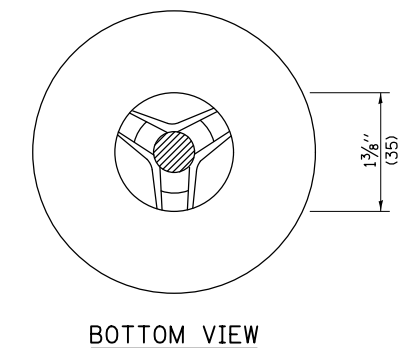
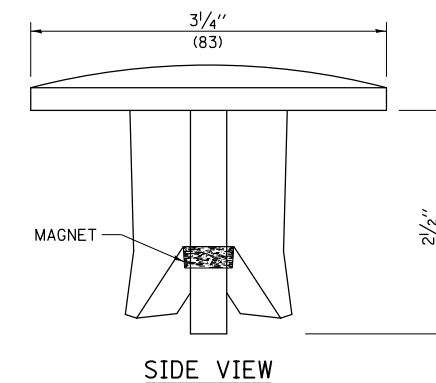
TO BE INSTALLED IN RIGID OR COMPOSITE PAVEMENT FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S)



### SPECIFICATIONS FOR ALUMINUM TABLET (FORKED)

ALUMINUM TABLET (FORKED) FOR USE WITH "SURVEY MARKER, TYPE 2, (SPECIAL)" SHALL BE AS SHOWN ON THE DETAIL FOR THE 3/4" (83 mm) CONVEX SURVEY TABLET WITH ILLINOIS DEPARTMENT OF TRANSPORTATION LOGO. THIS LOGO SHALL PROVIDE LETTERS RECESSED INTO THE SURFACE A MINIMUM OF 1/32" (0.8 mm) FOR EASY AND LONG-TERM LEGIBILITY. THE ALUMINUM TABLET SHALL BE PRODUCED BY THE PROCESS OF ORBITAL FORGING TO PRODUCE A HIGH-STRENGTH AND DURABLE MARKER CAP WHICH WILL NOT CHIP OR BREAK AND PROVIDE A SMOOTH FINISH FOR STAMPING OF DATA IN THE FIELD. THE ALUMINUM TABLET SHALL BE DESIGNED NOT TO TURN OR ROTATE. THREE PRONGS ON A 2 1/2" (63 mm) STEM SHALL BE SUCH THAT THE ALUMINUM TABLET CANNOT BE EASILY REMOVED.

COMPOSITION: ALUMINUM 92-93%; MAGNESIUM 6.5-7.5%. STRENGTH: YIELD 19,000-21,000 PSI (131-145 MPa); TENSILE 38,000-44,000 PSI (262-303 MPa); ELONGATION 10-15% [IN 2" (50 mm)]. SPECIFICATIONS: ALLOY 535.0; QQ-A-601ES. NO EXCEPTIONS.

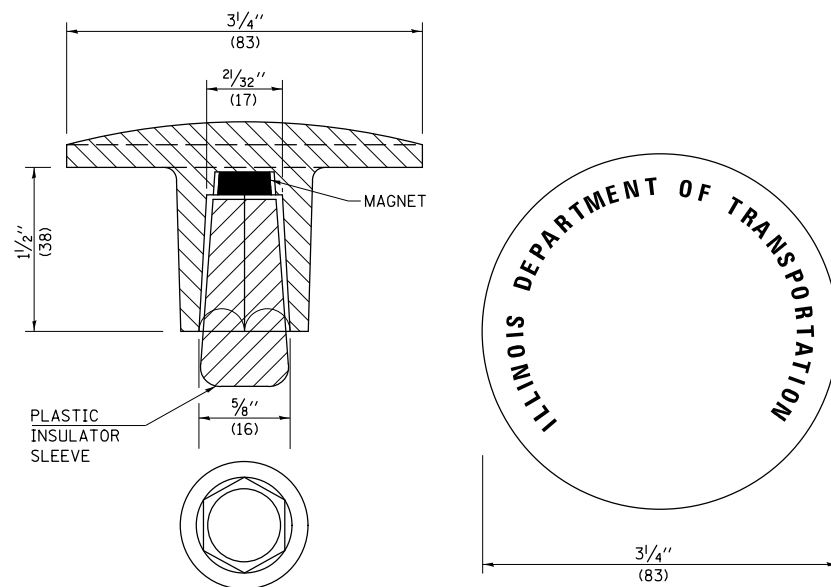


THE DIMENSIONS SHOWN SHALL BE EXACT, OTHERS MAY VARY, BUT SHALL BE SHOWN ON SHOP DRAWINGS.

### GENERAL NOTES

1. WORK ON THIS ITEM SHALL NOT START UNTIL THE FINAL SURFACE IS COMPLETED.
2. THE ALUMINUM TABLET (FORKED) SHALL REST UPON THE BOTTOM OF THE 4" (100 mm) CORE HOLE. IF THE HOLE IS TOO DEEP, EPOXY GROUT MUST BE USED TO DECREASE THE DEPTH AND ALLOWED TO HARDEN BEFORE PROCEEDING.
3. THE ALUMINUM TABLET SHALL BE ANCHORED IN THE 4" (100 mm) DIAMETER HOLE IN THE NEW PAVEMENT WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE PORTIONS OF ARTICLE 1025.01 OF THE STANDARD SPECIFICATIONS.
4. THE 4" (100 mm) CORE HOLE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
5. THE CONTRACT PRICE, EACH, FOR SURVEY MARKER, TYPE 2 (SPECIAL) SHALL BE PAYMENT IN FULL FOR FURNISHING THE ALUMINUM TABLET AND FOR ALL LABOR AND MATERIAL REQUIRED TO SET THE MARKER IN PLACE, AS SPECIFIED, INCLUDING CORING THE NEW PAVEMENT.
6. ALL SURVEY MARKERS, TYPE 2 (SPECIAL) SHALL BE PLACED ± 1/4" (6 mm) BELOW THE FINAL SURFACE.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

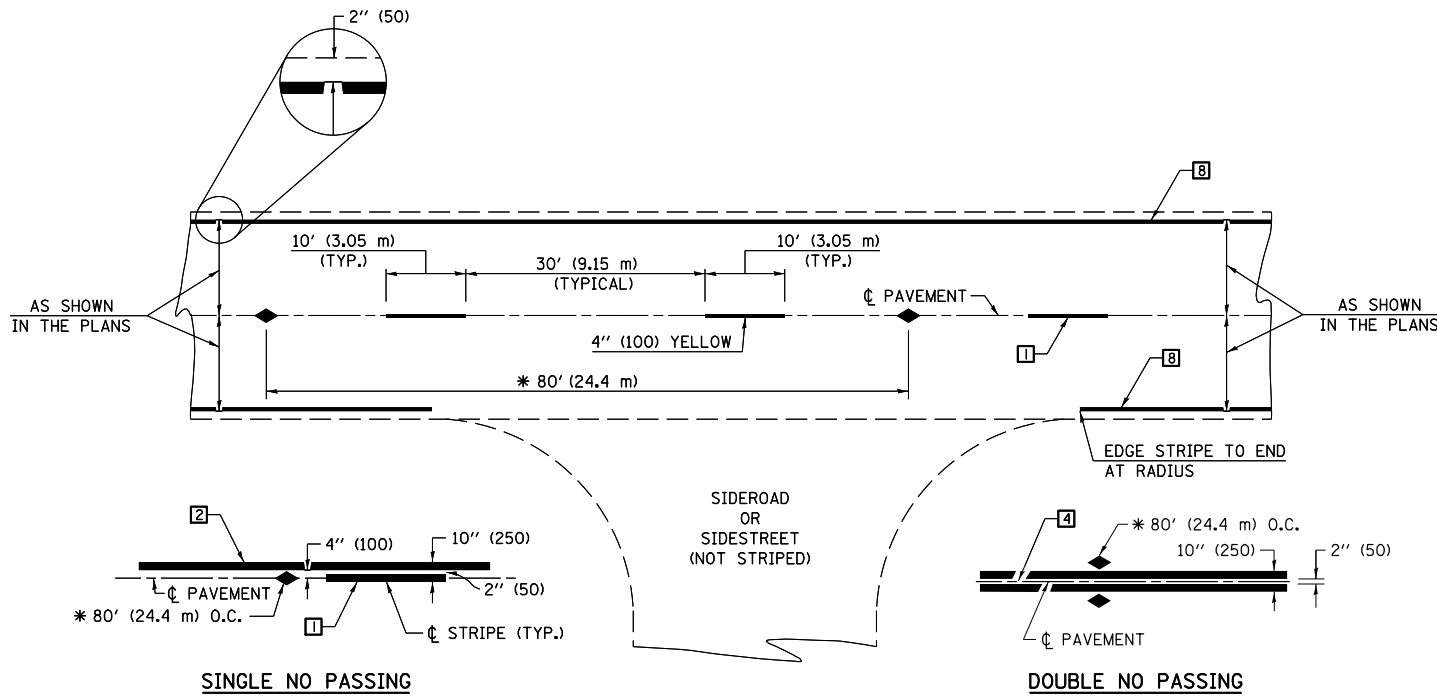


THE DIMENSIONS SHOWN SHALL BE EXACT, OTHERS MAY VARY, BUT SHALL BE SHOWN ON SHOP DRAWINGS.

### GENERAL NOTES

1. THE CONTRACT UNIT PRICE, EACH, FOR SURVEY MARKER, TYPE 1 (SPECIAL) SHALL BE PAYMENT IN FULL FOR FURNISHING THE REINFORCEMENT BAR AND ALUMINUM TABLET AND FOR ALL LABOR AND MATERIAL REQUIRED TO SET THE MARKER IN PLACE.
2. ALL SURVEY MARKERS, TYPE 1 (SPECIAL) SHALL BE PLACED ± 1/4" (6 mm) BELOW THE FINAL SURFACE.
3. WHEN THE TABLET AND REBAR ARE PLACED AS PART OF A SURVEY MARKER VAULT, THEY SHALL BE CONSIDERED AS INCLUDED IN THAT PAY ITEM AND THERE WILL BE NO PAYMENT FOR THE SURVEY MARKER, TYPE 1 (SPECIAL).

FILE NAME =	USER NAME = keyarb	DESIGNED -	REVISED - 11/06	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SURVEY MARKERS TYPE 1 &amp; 2 (SPECIAL)</b>				F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\05798\Drawings\Design\0570899-shd-Detail.dwg	DRAWN	REVISION	REVISION						332	47(X-4RS-2,Z-2RS-4)RS-13	Vermillion	58	45
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISION	REVISION		CONTRACT NO. 70899								
PLOT DATE = 1/24/2016	DATE -	REVISION	REVISION		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		



\* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

**TWO LANE/TWO WAY**

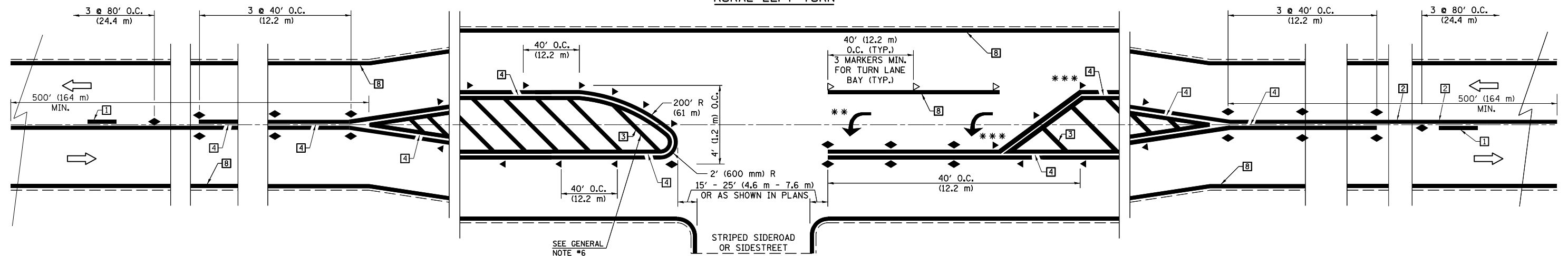
**TYPICAL PAVEMENT MARKING LEGEND**

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) LANE LINE EXTENSIONS (WHITE)
- 14 4" (100) PARKING WHITE

**TYPICAL PAVEMENT MARKERS LEGEND**

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

**RURAL LEFT TURN**



\*\*\* REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.

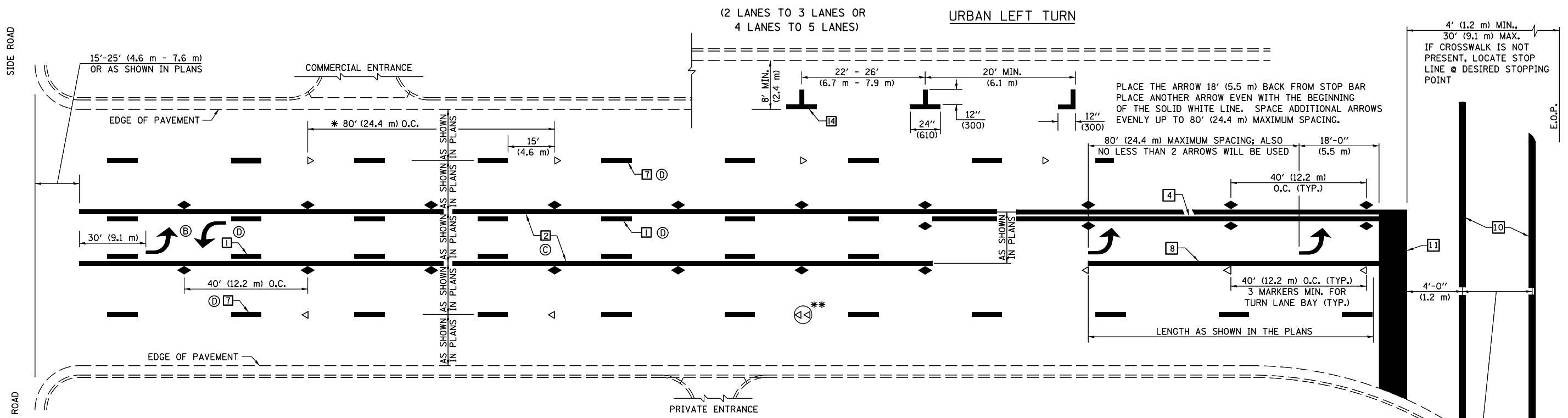
\*\* TURN ARROWS SHALL BE PLACED AS SHOWN ON SHEET #2.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

**DISTRICT 5 DETAIL NO. 7800AAA**

FILE NAME =	USER NAME = keyarb	DESIGNED -	REVISED - 11/06	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING AND MARKERS (RURAL &amp; URBAN APPLICATIONS)</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PIDOT\Documents\DOT Offices\District 5\Projects\05798\Drawings\Design\0579899-shd-Detail.dwg	DESIGNED -	REVISED - 09/2009 - KJT	332			47(X-4RS-2,Z-2RS-4)RS-13	Vermillion	58	46	
PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70899							
PLOT DATE = 1/24/2016	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

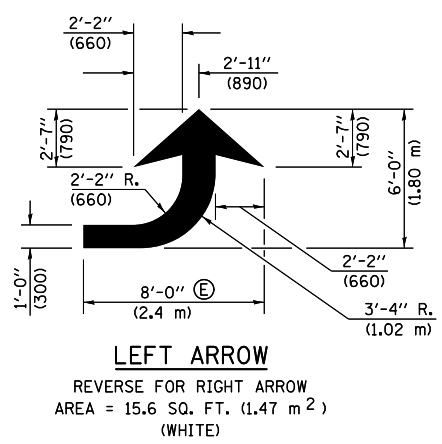
SCALE: SHEET NO. 1 OF 4 SHEETS STA. TO STA.



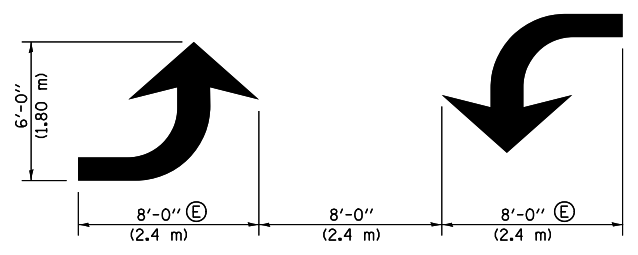
\* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

\*\* DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

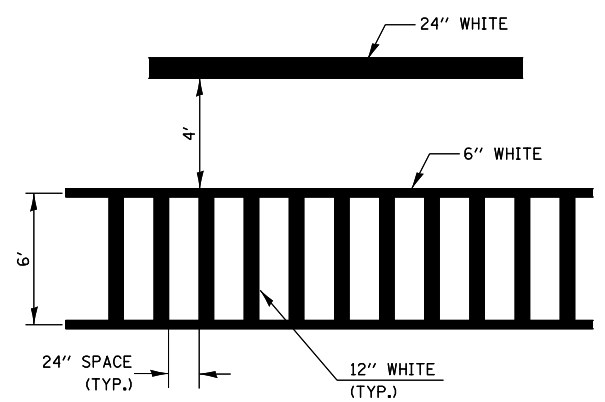
- GENERAL NOTES:**
- ⓑ TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE.
  - ⓒ THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
  - ⓓ THE SKIP-DASH PAVEMENT MARKINGS [1] OR [7] SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER. SEE EXAMPLE ON SHEET 2 OF 3.
  - ⓔ USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)



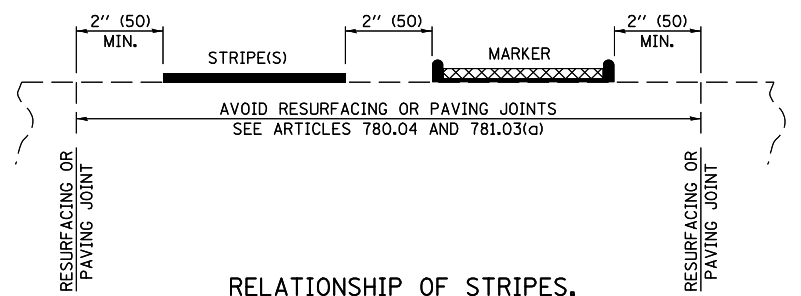
**TYPICAL DOUBLE TURN ARROWS (WHITE)**



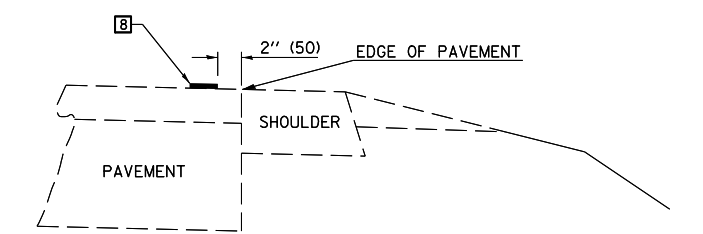
**BLOOMINGTON-NORMAL CITY LIMITS ONLY**



**TYPICAL SPACING FOR CROSSWALKS & STOP BARS**



**RELATIONSHIP OF STRIPES, MARKERS AND JOINTS**



**RELATIONSHIP OF EDGE LINE TO EDGE OF PAVEMENT (SAFETY SHOULDER OR PAVED SURFACE) SEE ARTICLE 780.04**

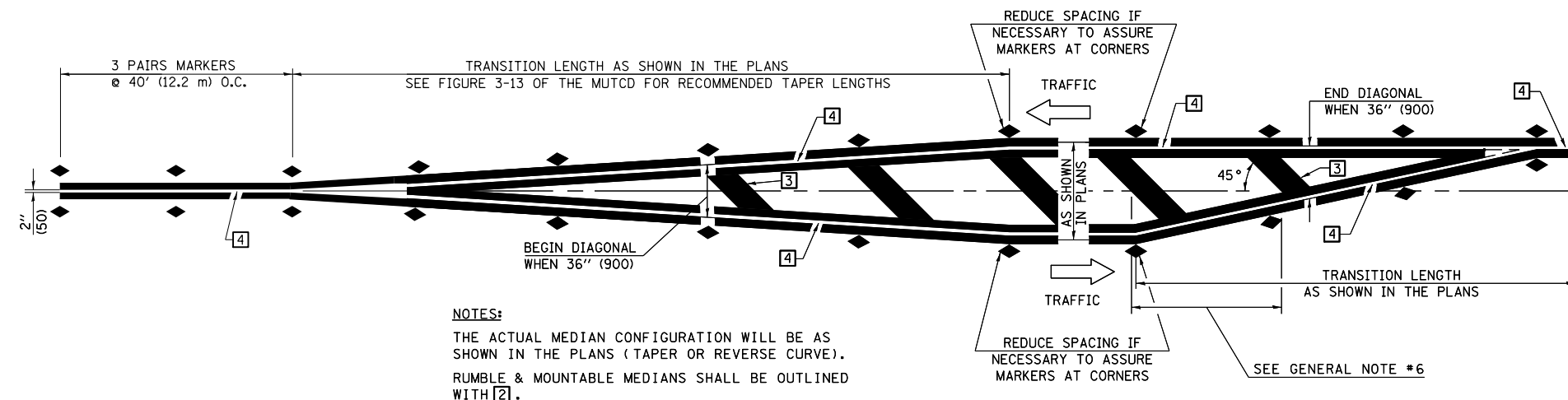
CROSSWALK WIDTH 6'-0" (1.8 m) OR AS SHOWN IN THE PLANS

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = keysrb	DESIGNED -	REVISED - 11/06	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING AND MARKERS (RURAL &amp; URBAN APPLICATIONS)</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11\084EBIDINTEG.illinois.gov\PIWDDT\Documents\DOT Offices\District 5\Projects\05789\Drawings\Design\0578999-shd-Detail.dwg	PLLOT SCALE = 40.0000' / in.	CHECKED -	REVISED - 09/2009 - KJT			332	47(X-4RS-2,Z-2RS-4)RS-13	Vermillion	58	47
	PLLOT DATE = 1/24/2016	DATE -	REVISED -			CONTRACT NO. 70899				
						FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SCALE: SHEET NO. 2 OF 4 SHEETS STA. TO STA.

**DISTRICT 5 DETAIL NO. 7800AAA**

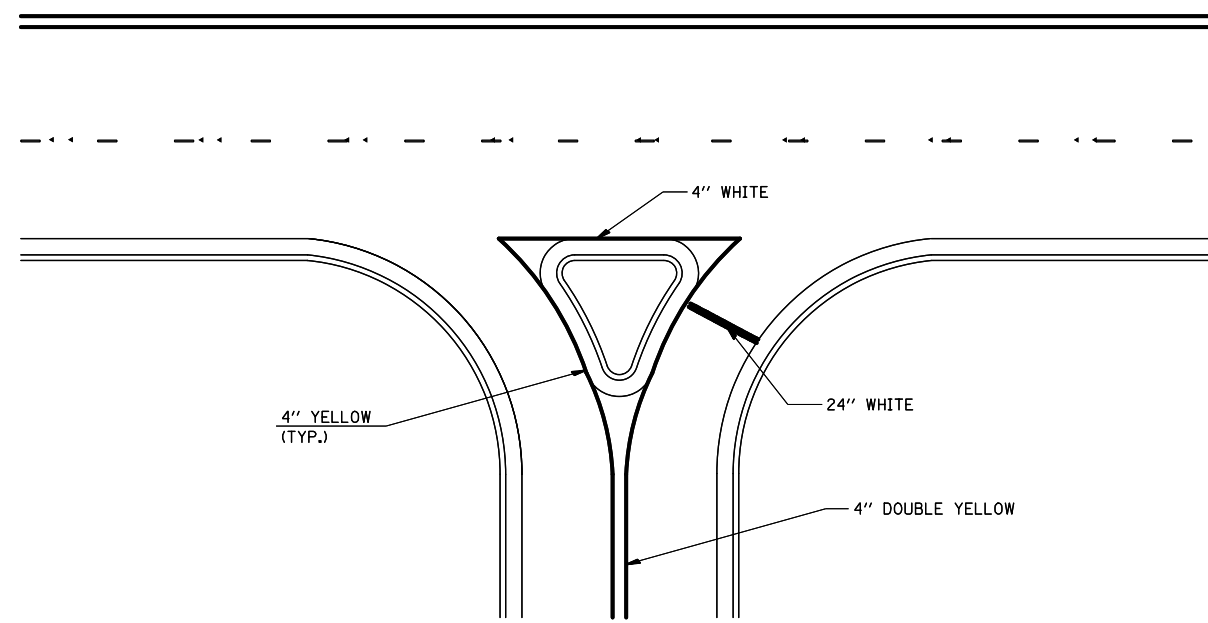


**NOTES:**  
 THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).  
 RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

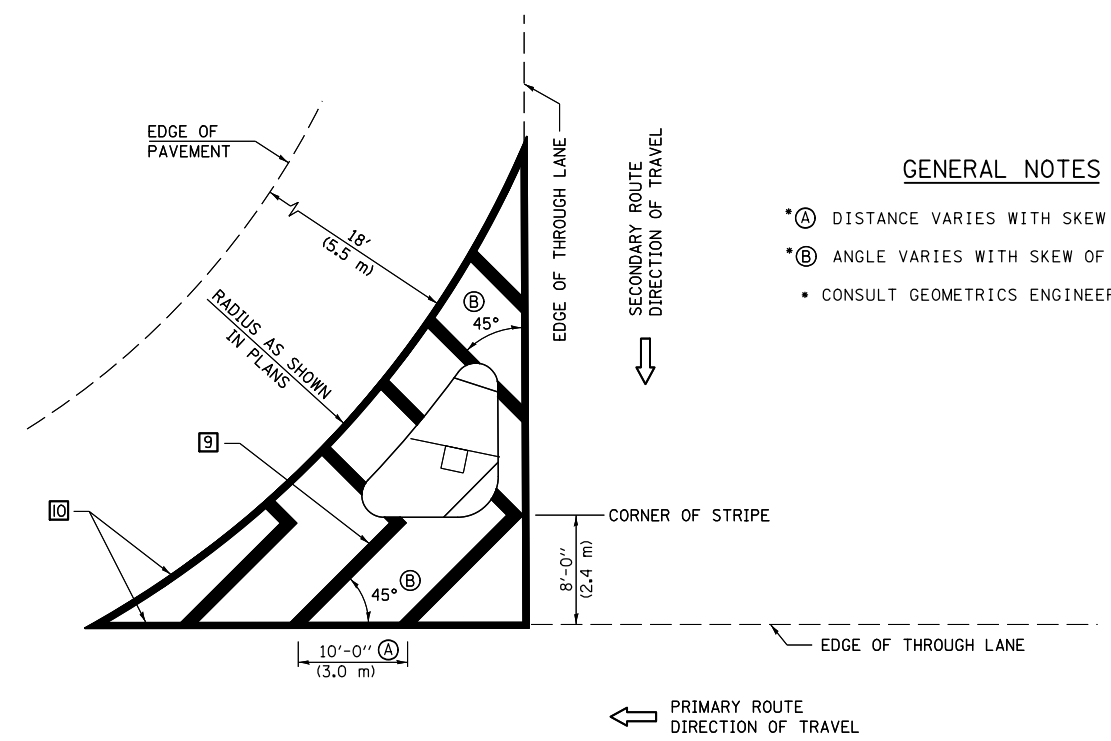
**TYPICAL MEDIAN TRANSITIONS**

**GENERAL NOTES**

1. WHEN MEDIANS ARE PRESENT, PAVEMENT MARKINGS ARE TO BE PLACED ADJACENT TO MEDIANS.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. A STRIPING KEY IS AVAILABLE ELSEWHERE AND SHALL BE SHOWN WHERE THE QUANTITIES ARE LISTED.
5. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
6. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING,  
 < 30 MPH USE 15' (< 50 km/h USE 4.5 m)  
 30-45 MPH USE 20' (50-75 km/h USE 6.0 m)  
 > 45 MPH USE 30' (> 75 km/h USE 9.0 m)



**RIGHT IN - RIGHT OUT ACCESS**



**ISLAND**

**GENERAL NOTES**

- \*A DISTANCE VARIES WITH SKEW OF INTERSECTION.
- \*B ANGLE VARIES WITH SKEW OF INTERSECTION.
- CONSULT GEOMETRICS ENGINEER

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

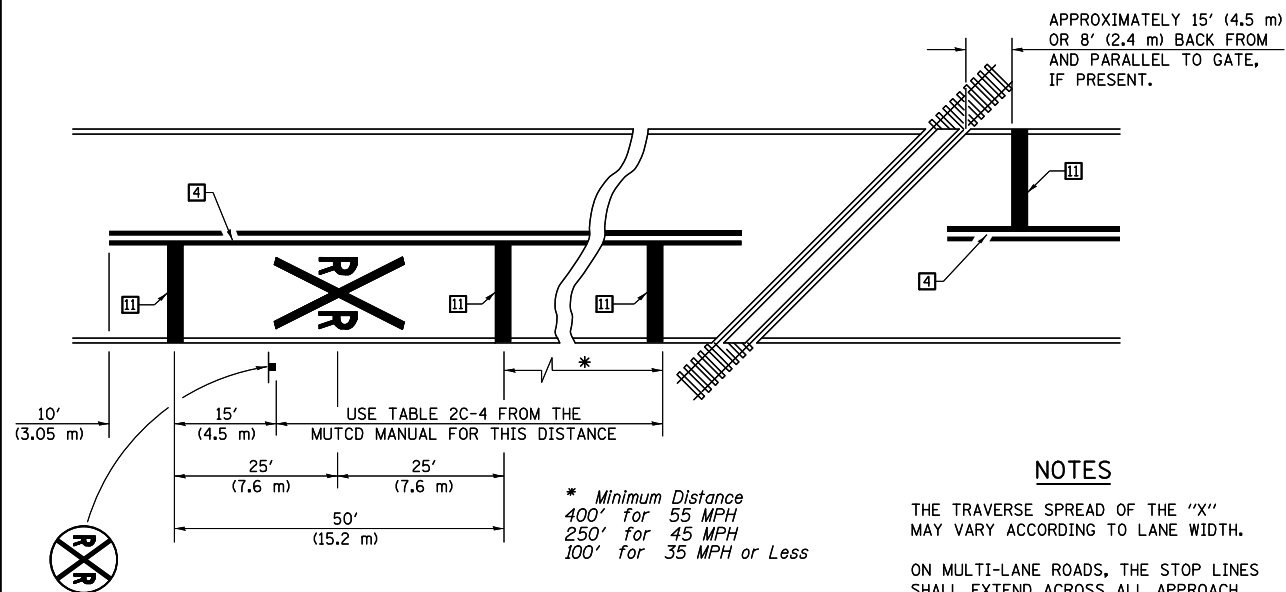
**DISTRICT 5 DETAIL NO. 7800AAA**

FILE NAME =	USER NAME = keyrb	DESIGNED -	REVISED - 11/06	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING AND MARKERS (RURAL &amp; URBAN APPLICATIONS)</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PIDOT\Documents\IDOT Offices\District 5\Projects\05798\Drawings\Design\0579899-shr-Detail.dwg	DESIGNED -	REVISED - 09/2009 - KJT	332			47(X-4RS-2,Z-2RS-4)RS-13	Vermilion	58	48	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70899							
PLOT DATE = 1/24/2016	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							



RAILROAD CROSSING WITH INTERCONNECT ONLY

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



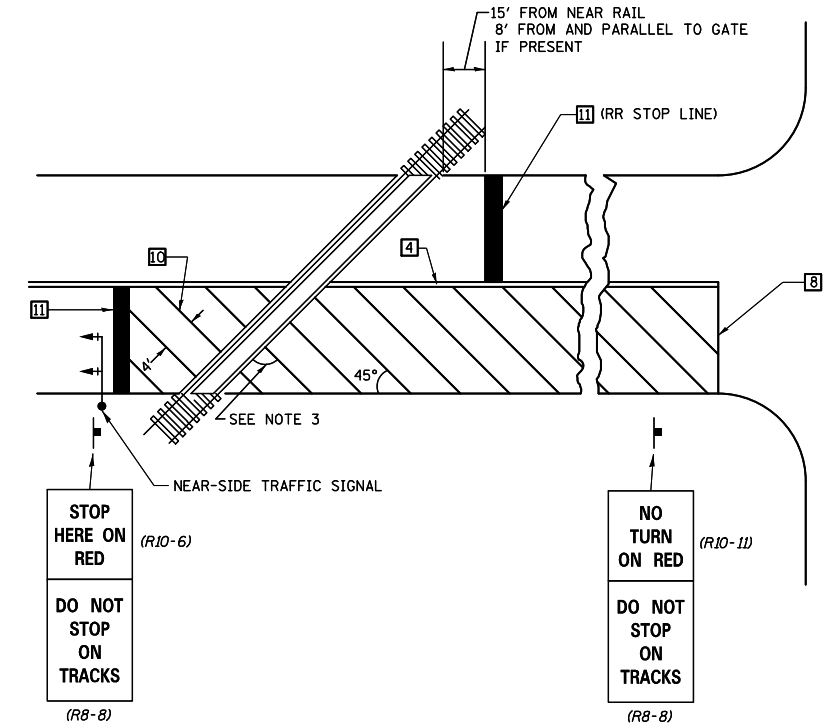
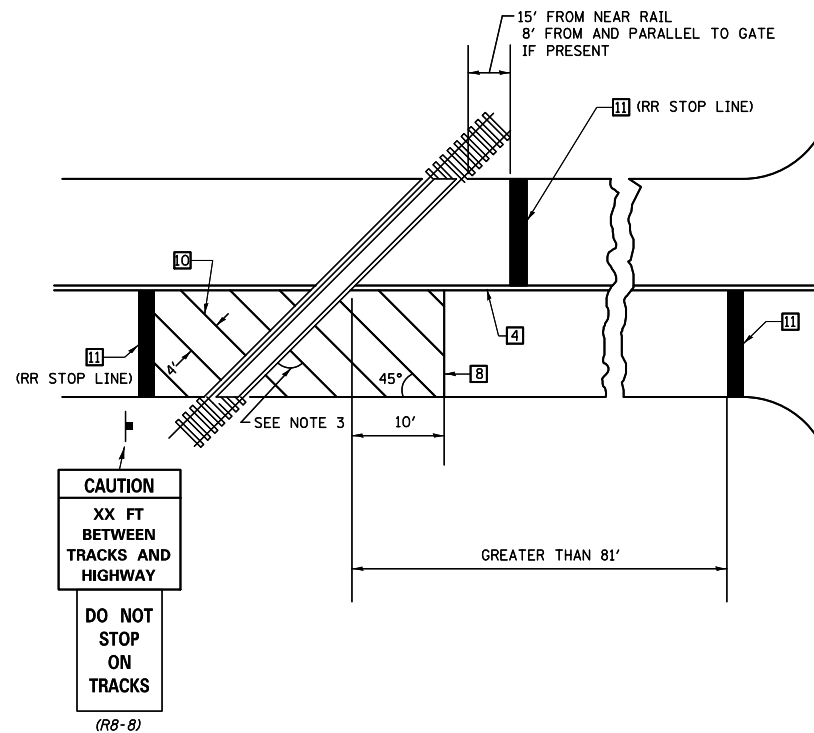
PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

NOTES

THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

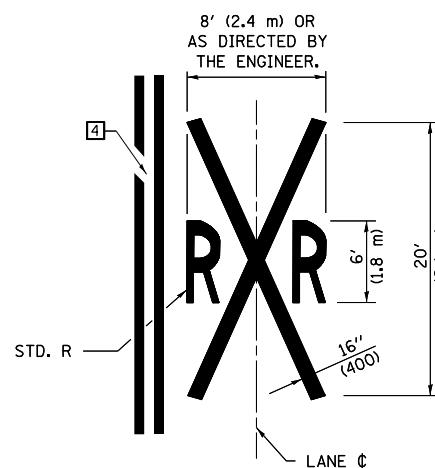
WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.



SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

GENERAL NOTES

- SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
- WHERE THE ANGLE BETWEEN THE DIAGONAL PAVEMENT MARKINGS AND THE TRACK WOULD BE LESS THAN 20°, THE PAVEMENT MARKINGS SHOULD BE PLACED IN THE OPPOSITE DIRECTION FROM THAT SHOWN.



Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = keyarb	DESIGNED -	REVISED - 11/06
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/24/2016	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND MARKERS  
(RURAL & URBAN APPLICATIONS)

SCALE: SHEET NO. 4 OF 4 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7800AAA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	47(X-4RS-2,Z-2RS-4)RS-13	Vermillion	58	49
CONTRACT NO. 70899				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



EXISTING R.O.W. 30' RT

603+15.04, 35.39' RT  
668.59

EX. 5" PCC SIDEWALK

4' @ 2.25%

4' @ 2.00%

18.79' @ 0.15%

603+33.68, 37.83' RT  
668.61

603+15.65, 39.50' RT  
668.68

17.65' @ 0.71%

4' @ 2.00%

603+33.16, 41.79' RT  
668.80

603+33.99, 41.90' RT  
668.81

4.75%

0.84%  
0.71%

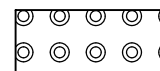
TRANSITION THIS PANEL CROSS SLOPE TO MATCH STREET CROSS SLOPE. AN EXCEPTION TO ADA POLICY WAS GRANTED FOR THIS.

INDIANA AVENUE

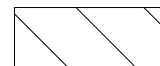
EXISTING R.O.W. 30' FROM ↑ INDIANA

NOTES:

- ELEVATIONS SHOWN ARE THE PROPOSED TOP OF SIDEWALK ELEVATIONS.
- THE PROPOSED TOP OF SIDEWALK ELEVATION SHALL MATCH THE EXISTING TOP OF SIDEWALK ELEVATION AT THEIR INTERFACE.
- THE PROPOSED TOP OF SIDEWALK ELEVATION SHALL MATCH THE PROPOSED HOT-MIX ASPHALT SURFACE ELEVATION AT THE STREET.



DETECTABLE WARNING, 2' LENGTH x 4' WIDTH



PR. HMA SURFACE REMOVAL, SPECIAL PR. INCIDENTAL HMA, 168 LBS/SQ.YD.

NOTES:

- EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT THE RAMP. ANY ADJUSTMENTS SHALL MEET ADA REQUIREMENTS FOR CURB RAMPS.
- MAXIMUM ALLOWABLE RUNNING SLOPE OF THE RAMP IS 8.3%, BUT A SLOPE LESS THAN OR EQUAL TO 7.0% IS PREFERRED.
- MAXIMUM ALLOWABLE RUNNING SLOPE OF THE TURNING SPACE IS 2.0%, BUT A SLOPE LESS THAN OR EQUAL TO 1.5% IS PREFERRED.
- MAXIMUM ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING IS 2.0%, BUT A SLOPE LESS THAN OR EQUAL TO 2.0% IS PREFERRED.
- MINIMUM ALLOWABLE WIDTH OF THE SIDEWALK IS 4.00'. FORMING THE SIDEWALK AN INCH WIDER THAN THE 4.00' MINIMUM WIDTH IS RECOMMENDED TO ENSURE THE MINIMUM WIDTH IS OBTAINED.

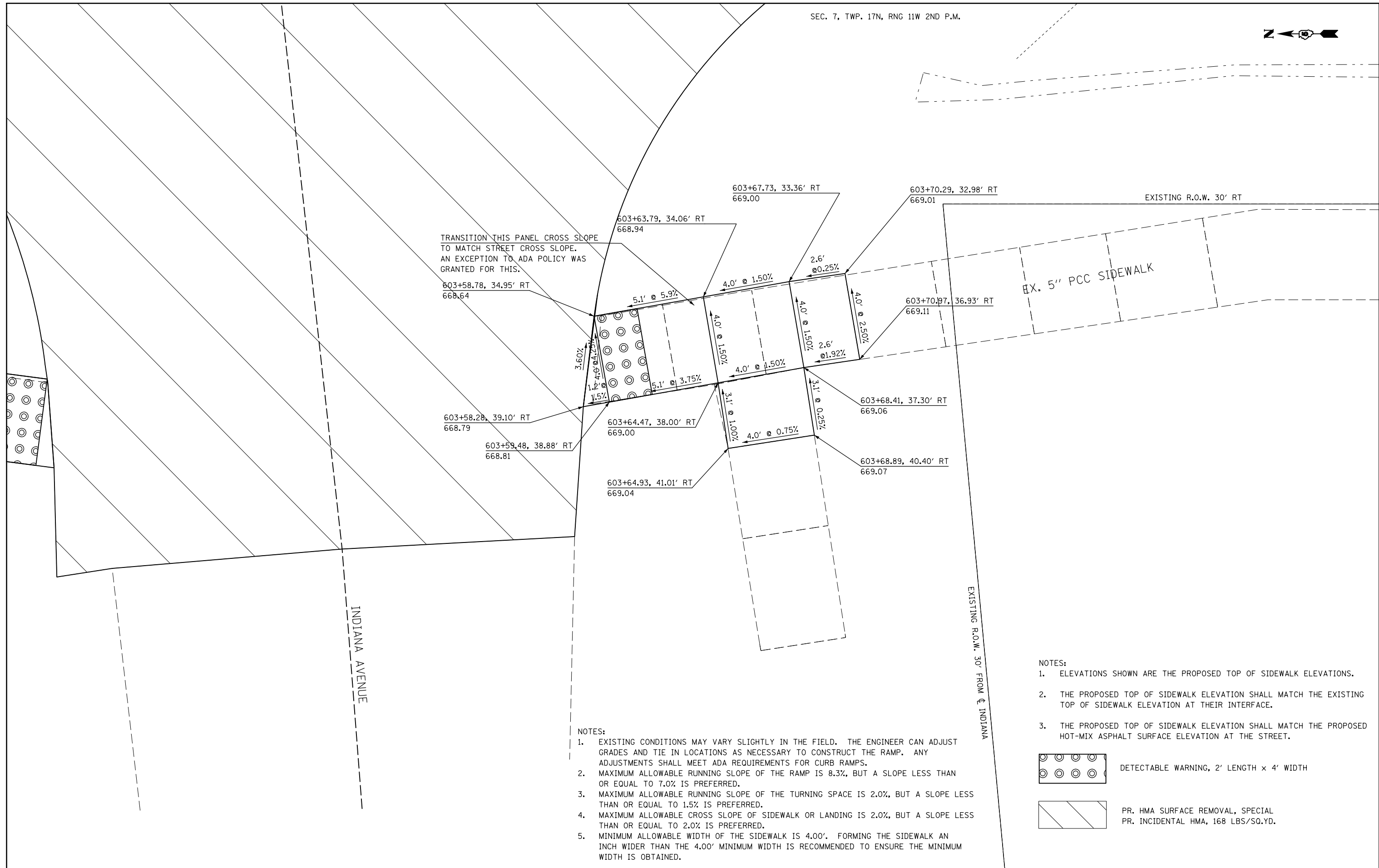
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\$MODELNAME\$	PLOT SCALE = 4.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/28/2016	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

INDIANA AVENUE  
NORTHWEST SIDEWALK DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	47(X-4RS-2,2-2RS-4RS-13	VERMILION	58	50
CONTRACT NO. 70899			ILLINOIS FED. AID PROJECT	



TRANSITION THIS PANEL CROSS SLOPE TO MATCH STREET CROSS SLOPE. AN EXCEPTION TO ADA POLICY WAS GRANTED FOR THIS.

EX. 5" PCC SIDEWALK

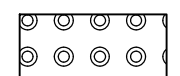
EXISTING R.O.W. 30' FROM INDIANA

NOTES:

- EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT THE RAMP. ANY ADJUSTMENTS SHALL MEET ADA REQUIREMENTS FOR CURB RAMPS.
- MAXIMUM ALLOWABLE RUNNING SLOPE OF THE RAMP IS 8.3%, BUT A SLOPE LESS THAN OR EQUAL TO 7.0% IS PREFERRED.
- MAXIMUM ALLOWABLE RUNNING SLOPE OF THE TURNING SPACE IS 2.0%, BUT A SLOPE LESS THAN OR EQUAL TO 1.5% IS PREFERRED.
- MAXIMUM ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING IS 2.0%, BUT A SLOPE LESS THAN OR EQUAL TO 2.0% IS PREFERRED.
- MINIMUM ALLOWABLE WIDTH OF THE SIDEWALK IS 4.00'. FORMING THE SIDEWALK AN INCH WIDER THAN THE 4.00' MINIMUM WIDTH IS RECOMMENDED TO ENSURE THE MINIMUM WIDTH IS OBTAINED.

NOTES:

- ELEVATIONS SHOWN ARE THE PROPOSED TOP OF SIDEWALK ELEVATIONS.
- THE PROPOSED TOP OF SIDEWALK ELEVATION SHALL MATCH THE EXISTING TOP OF SIDEWALK ELEVATION AT THEIR INTERFACE.
- THE PROPOSED TOP OF SIDEWALK ELEVATION SHALL MATCH THE PROPOSED HOT-MIX ASPHALT SURFACE ELEVATION AT THE STREET.



DETECTABLE WARNING, 2' LENGTH x 4' WIDTH



PR. HMA SURFACE REMOVAL, SPECIAL PR. INCIDENTAL HMA, 168 LBS/SQ.YD.

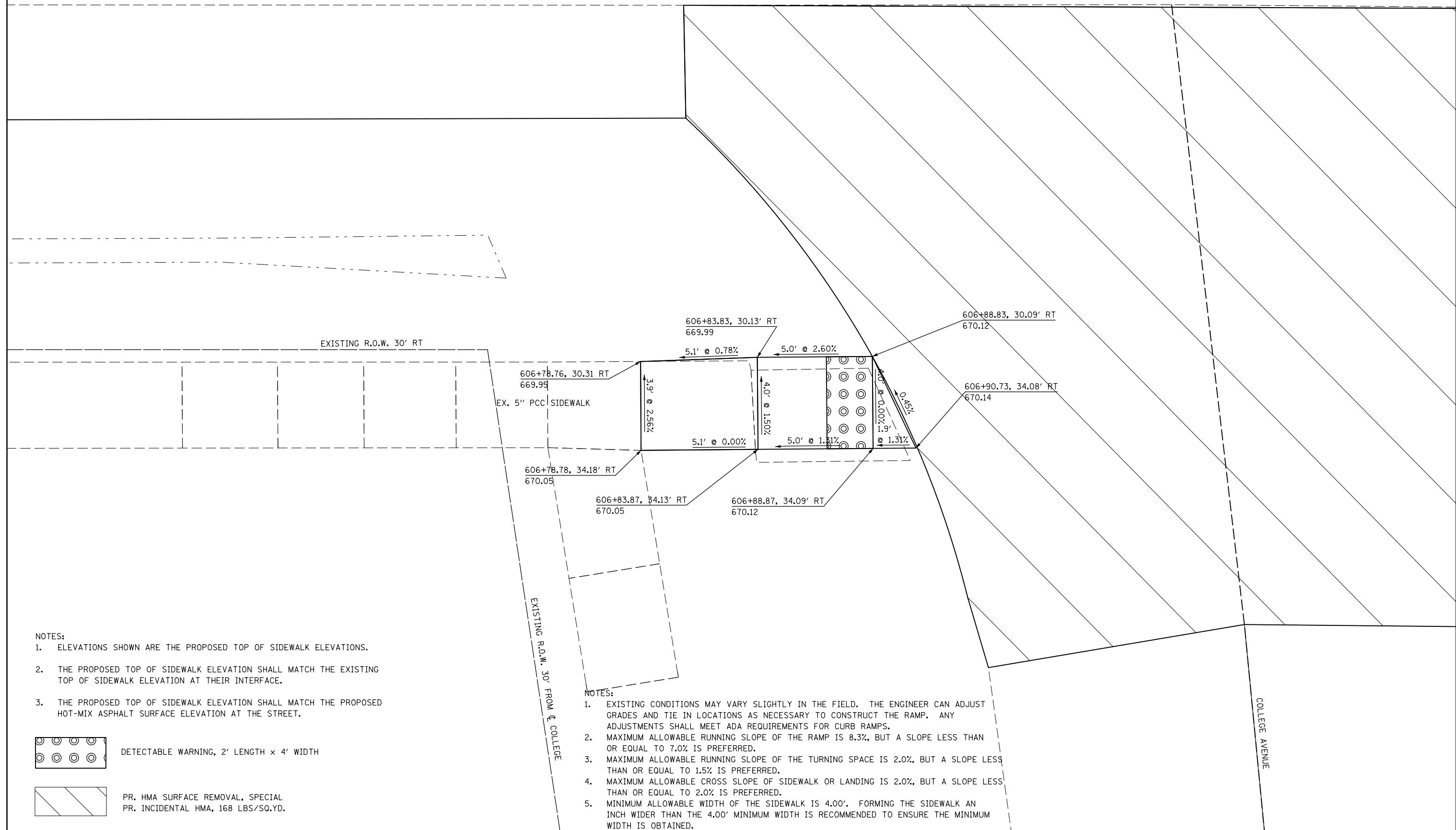
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	PLOT DATE = 1/28/2016	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

INDIANA AVENUE  
SOUTHWEST SIDEWALK DETAIL

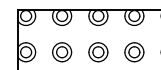
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	47(X-4RS-2,Z-2RS-4RS-13)	VERMILION	58	51
CONTRACT NO. 70899				
ILLINOIS FED. AID PROJECT				

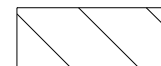


**NOTES:**

1. ELEVATIONS SHOWN ARE THE PROPOSED TOP OF SIDEWALK ELEVATIONS.
2. THE PROPOSED TOP OF SIDEWALK ELEVATION SHALL MATCH THE EXISTING TOP OF SIDEWALK ELEVATION AT THEIR INTERFACE.
3. THE PROPOSED TOP OF SIDEWALK ELEVATION SHALL MATCH THE PROPOSED HOT-MIX ASPHALT SURFACE ELEVATION AT THE STREET.



DETECTABLE WARNING, 2' LENGTH x 4' WIDTH



PR. HMA SURFACE REMOVAL, SPECIAL  
PR. INCIDENTAL HMA, 168 LBS/SQ.YD.

**NOTES:**

1. EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT THE RAMP. ANY ADJUSTMENTS SHALL MEET ADA REQUIREMENTS FOR CURB RAMP.
2. MAXIMUM ALLOWABLE RUNNING SLOPE OF THE RAMP IS 8.3%, BUT A SLOPE LESS THAN OR EQUAL TO 7.0% IS PREFERRED.
3. MAXIMUM ALLOWABLE RUNNING SLOPE OF THE TURNING SPACE IS 2.0%, BUT A SLOPE LESS THAN OR EQUAL TO 1.5% IS PREFERRED.
4. MAXIMUM ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING IS 2.0%, BUT A SLOPE LESS THAN OR EQUAL TO 2.0% IS PREFERRED.
5. MINIMUM ALLOWABLE WIDTH OF THE SIDEWALK IS 4.00'. FORMING THE SIDEWALK AN INCH WIDER THAN THE 4.00' MINIMUM WIDTH IS RECOMMENDED TO ENSURE THE MINIMUM WIDTH IS OBTAINED.

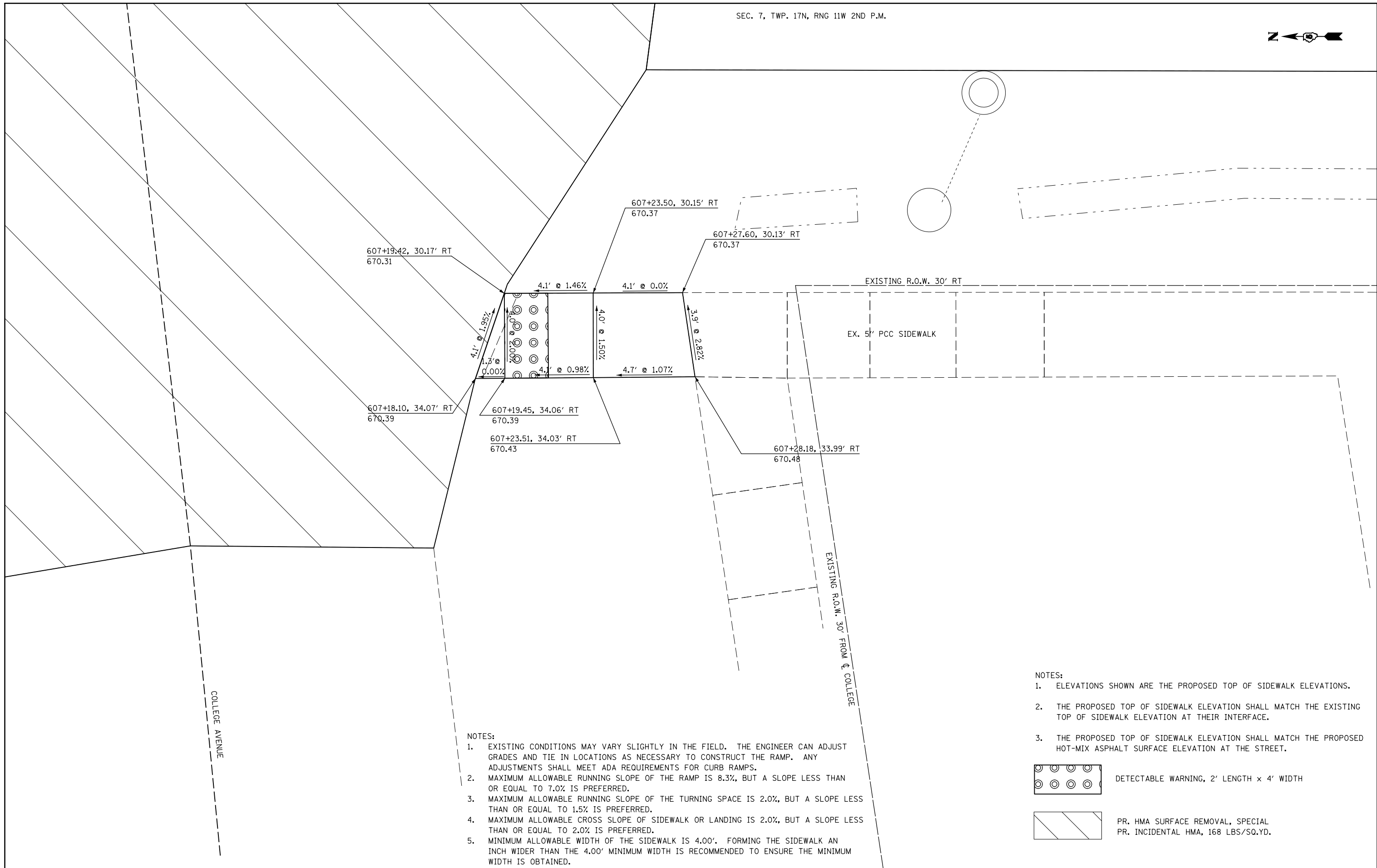
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\$MODELNAME\$	PLOT SCALE = 4.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/28/2016	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**COLLEGE AVENUE  
NORTHWEST SIDEWALK DETAIL**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	47(X-4RS-2,2-2RS-4RS-13	VERMILION	58	52
CONTRACT NO. 70899				
ILLINOIS FED. AID PROJECT				

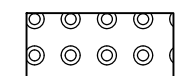


**NOTES:**

1. EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT THE RAMP. ANY ADJUSTMENTS SHALL MEET ADA REQUIREMENTS FOR CURB RAMPS.
2. MAXIMUM ALLOWABLE RUNNING SLOPE OF THE RAMP IS 8.3%, BUT A SLOPE LESS THAN OR EQUAL TO 7.0% IS PREFERRED.
3. MAXIMUM ALLOWABLE RUNNING SLOPE OF THE TURNING SPACE IS 2.0%, BUT A SLOPE LESS THAN OR EQUAL TO 1.5% IS PREFERRED.
4. MAXIMUM ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING IS 2.0%, BUT A SLOPE LESS THAN OR EQUAL TO 2.0% IS PREFERRED.
5. MINIMUM ALLOWABLE WIDTH OF THE SIDEWALK IS 4.00'. FORMING THE SIDEWALK AN INCH WIDER THAN THE 4.00' MINIMUM WIDTH IS RECOMMENDED TO ENSURE THE MINIMUM WIDTH IS OBTAINED.

**NOTES:**

1. ELEVATIONS SHOWN ARE THE PROPOSED TOP OF SIDEWALK ELEVATIONS.
2. THE PROPOSED TOP OF SIDEWALK ELEVATION SHALL MATCH THE EXISTING TOP OF SIDEWALK ELEVATION AT THEIR INTERFACE.
3. THE PROPOSED TOP OF SIDEWALK ELEVATION SHALL MATCH THE PROPOSED HOT-MIX ASPHALT SURFACE ELEVATION AT THE STREET.



DETECTABLE WARNING, 2' LENGTH x 4' WIDTH



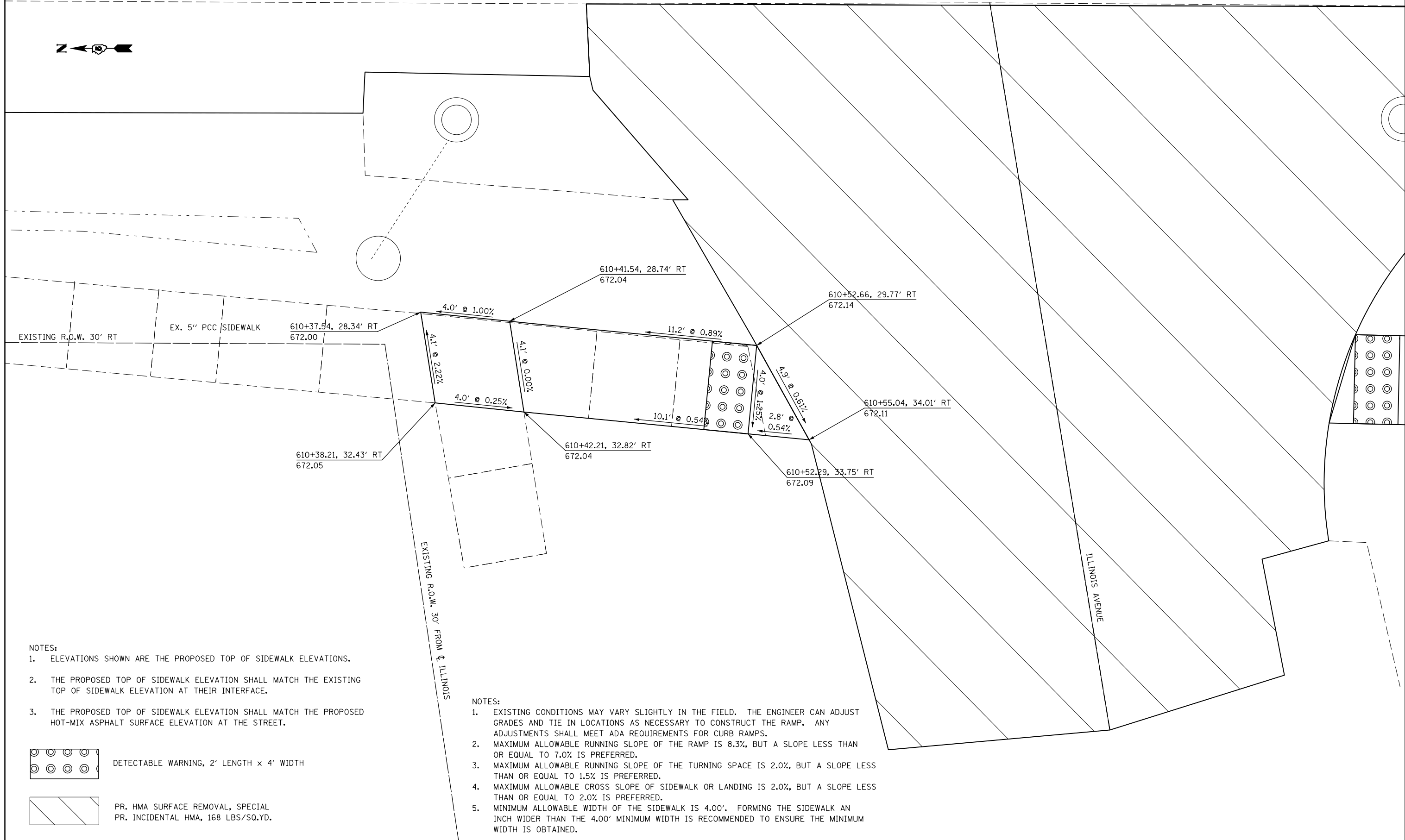
PR. HMA SURFACE REMOVAL, SPECIAL PR. INCIDENTAL HMA, 168 LBS/SQ.YD.

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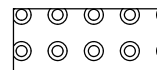
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>COLLEGE AVENUE SOUTHWEST SIDEWALK DETAIL</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

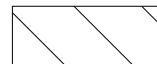
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	47(X-4RS-2,Z-2RS-4RS-13)	VERMILION	58	53
CONTRACT NO. 70899				
ILLINOIS FED. AID PROJECT				



- NOTES:
- ELEVATIONS SHOWN ARE THE PROPOSED TOP OF SIDEWALK ELEVATIONS.
  - THE PROPOSED TOP OF SIDEWALK ELEVATION SHALL MATCH THE EXISTING TOP OF SIDEWALK ELEVATION AT THEIR INTERFACE.
  - THE PROPOSED TOP OF SIDEWALK ELEVATION SHALL MATCH THE PROPOSED HOT-MIX ASPHALT SURFACE ELEVATION AT THE STREET.



DETECTABLE WARNING, 2' LENGTH x 4' WIDTH



PR. HMA SURFACE REMOVAL, SPECIAL  
PR. INCIDENTAL HMA, 168 LBS/SQ.YD.

- NOTES:
- EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT THE RAMP. ANY ADJUSTMENTS SHALL MEET ADA REQUIREMENTS FOR CURB RAMPS.
  - MAXIMUM ALLOWABLE RUNNING SLOPE OF THE RAMP IS 8.3%, BUT A SLOPE LESS THAN OR EQUAL TO 7.0% IS PREFERRED.
  - MAXIMUM ALLOWABLE RUNNING SLOPE OF THE TURNING SPACE IS 2.0%, BUT A SLOPE LESS THAN OR EQUAL TO 1.5% IS PREFERRED.
  - MAXIMUM ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING IS 2.0%, BUT A SLOPE LESS THAN OR EQUAL TO 2.0% IS PREFERRED.
  - MINIMUM ALLOWABLE WIDTH OF THE SIDEWALK IS 4.00'. FORMING THE SIDEWALK AN INCH WIDER THAN THE 4.00' MINIMUM WIDTH IS RECOMMENDED TO ENSURE THE MINIMUM WIDTH IS OBTAINED.

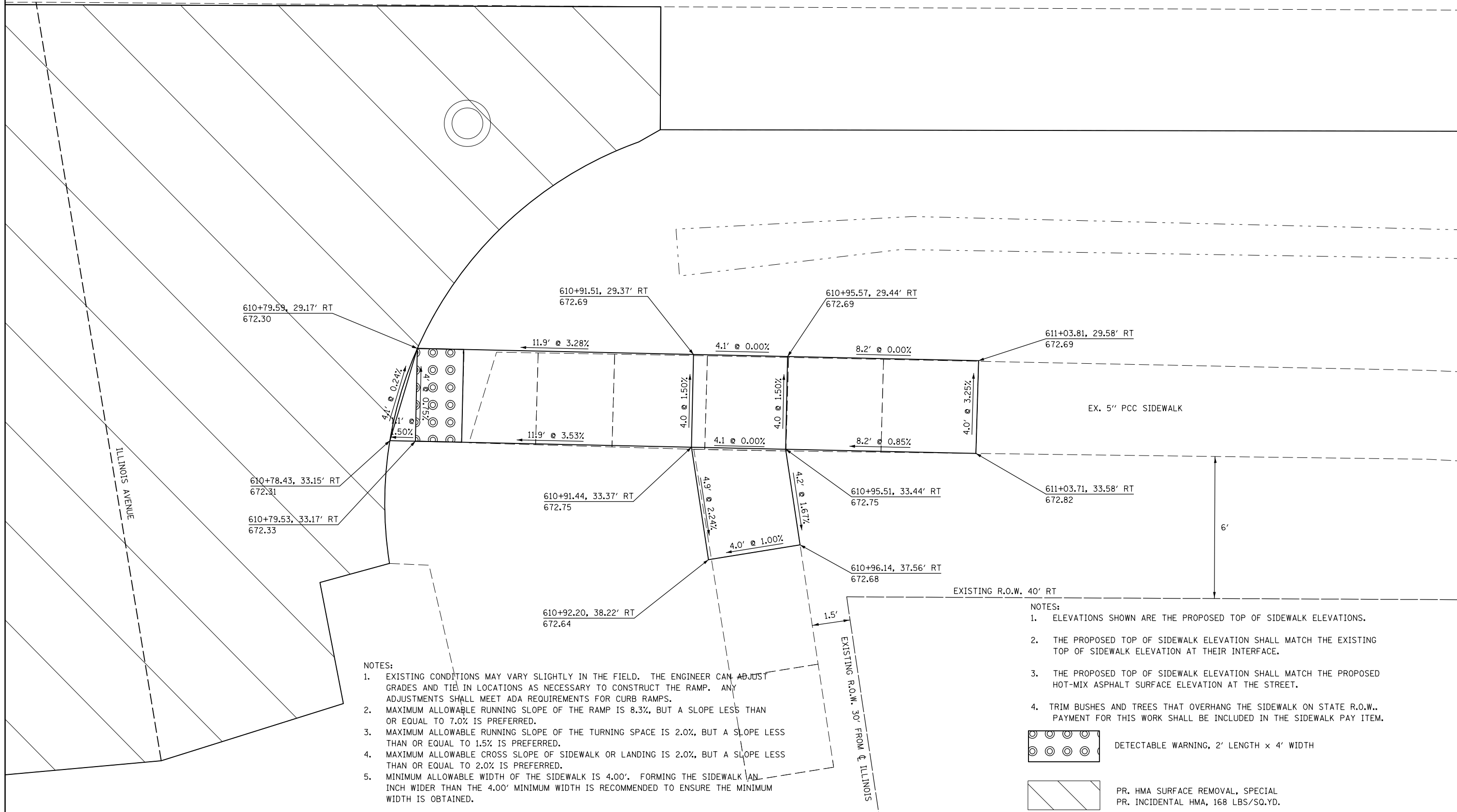
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	PLOT DATE = 1/28/2016	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS AVENUE  
NORTHWEST SIDEWALK DETAIL**

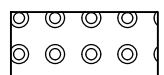
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	47(X-4RS-2,2-2RS-4RS-13	VERMILION	58	54
CONTRACT NO. 70899				
ILLINOIS FED. AID PROJECT				

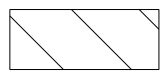


- NOTES:
- EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT THE RAMP. ANY ADJUSTMENTS SHALL MEET ADA REQUIREMENTS FOR CURB RAMP.
  - MAXIMUM ALLOWABLE RUNNING SLOPE OF THE RAMP IS 8.3%, BUT A SLOPE LESS THAN OR EQUAL TO 7.0% IS PREFERRED.
  - MAXIMUM ALLOWABLE RUNNING SLOPE OF THE TURNING SPACE IS 2.0%, BUT A SLOPE LESS THAN OR EQUAL TO 1.5% IS PREFERRED.
  - MAXIMUM ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING IS 2.0%, BUT A SLOPE LESS THAN OR EQUAL TO 2.0% IS PREFERRED.
  - MINIMUM ALLOWABLE WIDTH OF THE SIDEWALK IS 4.00'. FORMING THE SIDEWALK AN INCH WIDER THAN THE 4.00' MINIMUM WIDTH IS RECOMMENDED TO ENSURE THE MINIMUM WIDTH IS OBTAINED.

- NOTES:
- ELEVATIONS SHOWN ARE THE PROPOSED TOP OF SIDEWALK ELEVATIONS.
  - THE PROPOSED TOP OF SIDEWALK ELEVATION SHALL MATCH THE EXISTING TOP OF SIDEWALK ELEVATION AT THEIR INTERFACE.
  - THE PROPOSED TOP OF SIDEWALK ELEVATION SHALL MATCH THE PROPOSED HOT-MIX ASPHALT SURFACE ELEVATION AT THE STREET.
  - TRIM BUSHES AND TREES THAT OVERHANG THE SIDEWALK ON STATE R.O.W.. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN THE SIDEWALK PAY ITEM.



DETECTABLE WARNING, 2' LENGTH x 4' WIDTH



PR. HMA SURFACE REMOVAL, SPECIAL  
PR. INCIDENTAL HMA, 168 LBS/SQ.YD.

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

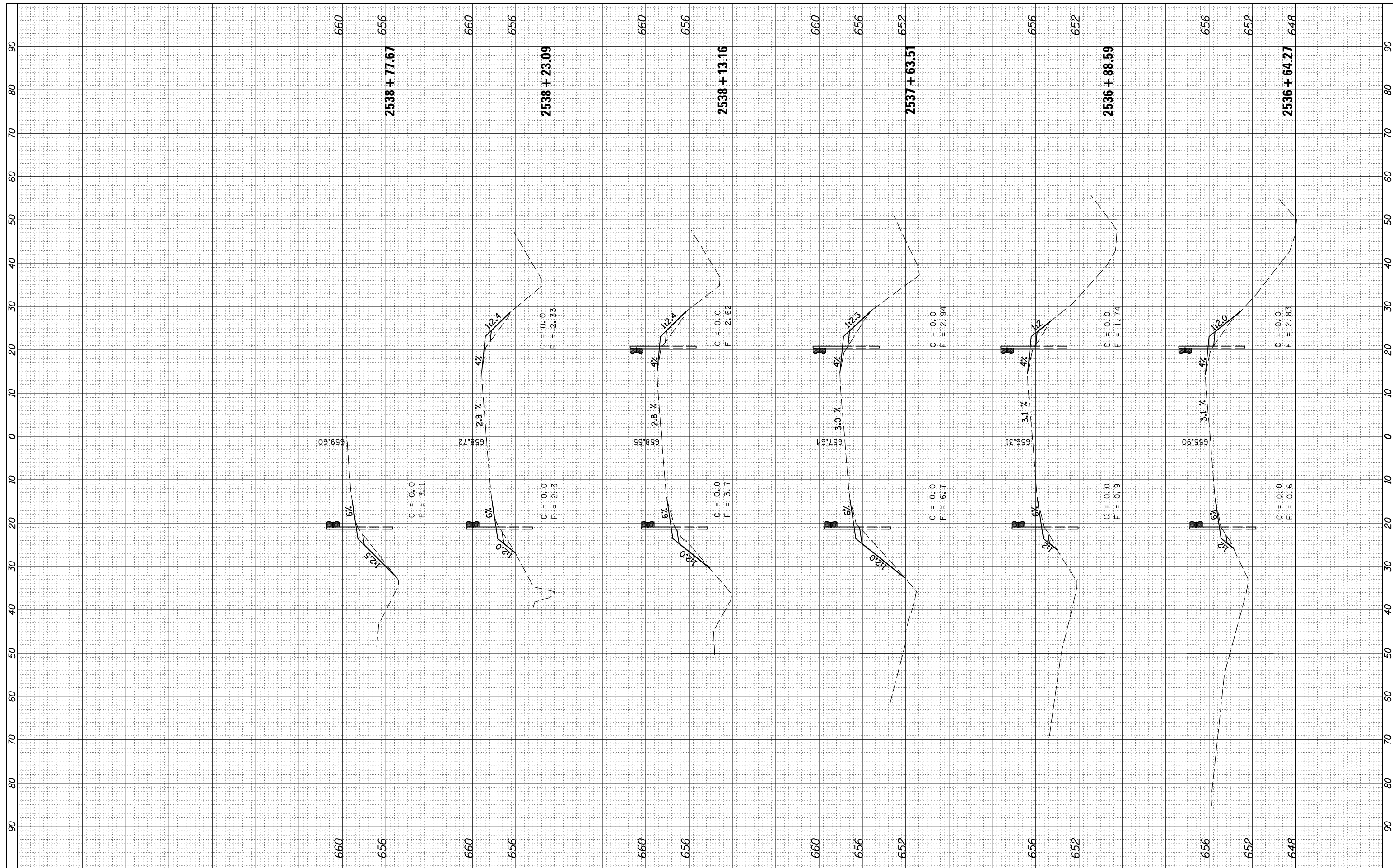
**ILLINOIS AVENUE  
SOUTHWEST SIDEWALK DETAIL**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	47(X-4RS-2,2-2RS-4RS-13)	VERMILION	58	55
CONTRACT NO. 70899				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME =  
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 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 1/24/2016

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REVIS	REVIS
CHECKED -	REVIS
DATE -	REVIS

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

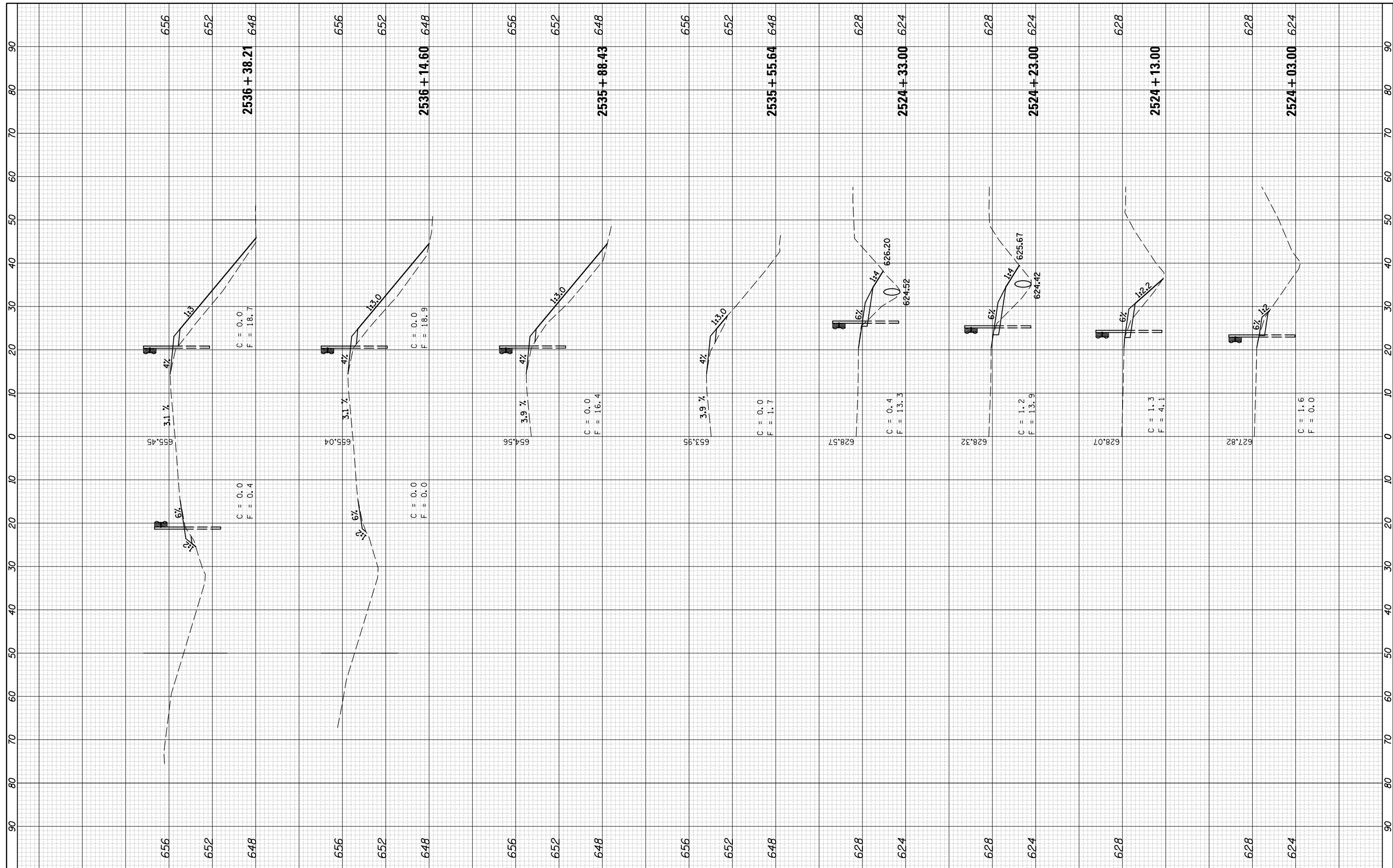
**IL 1 CROSS SECTIONS  
 NORTH END GUARDRAIL LOCATION**  
 SCALE: SHEET OF SHEETS STA. TO STA. 2538+77.67

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	47(X-4RS-2,Z-2RS-4)RS-13	VERMILION	58	56
CONTRACT NO. 70899			ILLINOIS FED. AID PROJECT	



FINAL SURVEY NO.	SURVEYED PLOTTED	BY	DATE
NOTE BOOK	TEMPLATE		
AREAS CHECKED	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED PLOTTED	BY	DATE
NOTE BOOK	TEMPLATE		
AREAS CHECKED	AREAS CHECKED		



FILE NAME =  
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 PLOT SCALE = 20.0000' / in.  
 CHECKED -  
 DATE - 1/24/2016

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 1 CROSS SECTIONS  
 NORTH END GUARDRAIL LOCATION**

SCALE: SHEET OF SHEETS STA. 2524+03.00 TO STA. 2536+38.21

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	47(X-4RS-2,Z-2RS-4)RS-13	VERMILION	58	57
CONTRACT NO. 70899			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



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PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -	
PLOT DATE = 1/24/2016	DATE -	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>IL 1 CROSS SECTIONS</b>			
<b>SOUTH END MAILBOX TURNOUT LOCATION</b>			
SCALE:	SHEET	OF	SHEETS
			STA. 714+55.00 TO STA. 714+88.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	47(X-4RS-2,Z-2RS-4)RS-13	VERMILION	58	58
CONTRACT NO. 70899			ILLINOIS FED. AID PROJECT	