

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

F.A.S. ROUTE 2796 (U.S. RTE. 40)  
SECTION 21RS-5  
PROJECT : ACSTP-2796(002)  
RESURFACING (3P)  
EFFINGHAM COUNTY

C-97-122-09

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PAVING OMISSIONS:

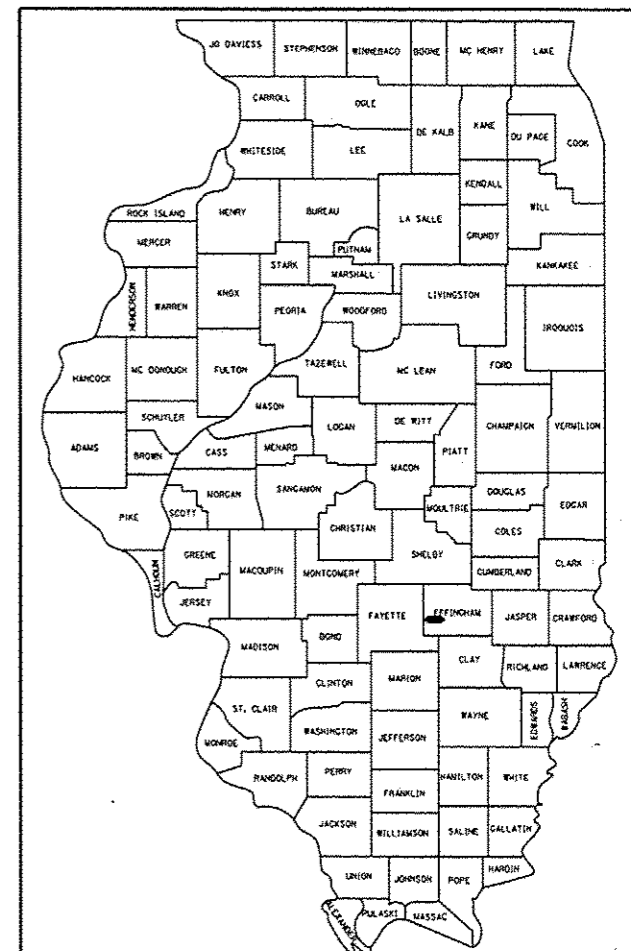
STA. 1614+56 TO STA. 1615+41 (SN 025-0093)

ADT = 5,000 (2015)

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2796	21RS-5	Effingham	* 29	1
ILLINOIS CONTRACT NO. 74408				

\*29 + 7 = 36

D-97-066-09

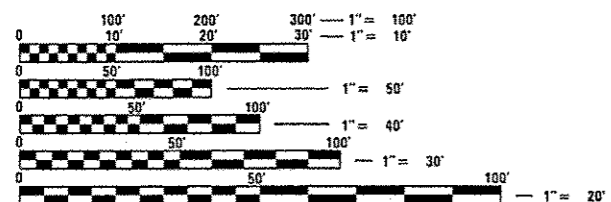
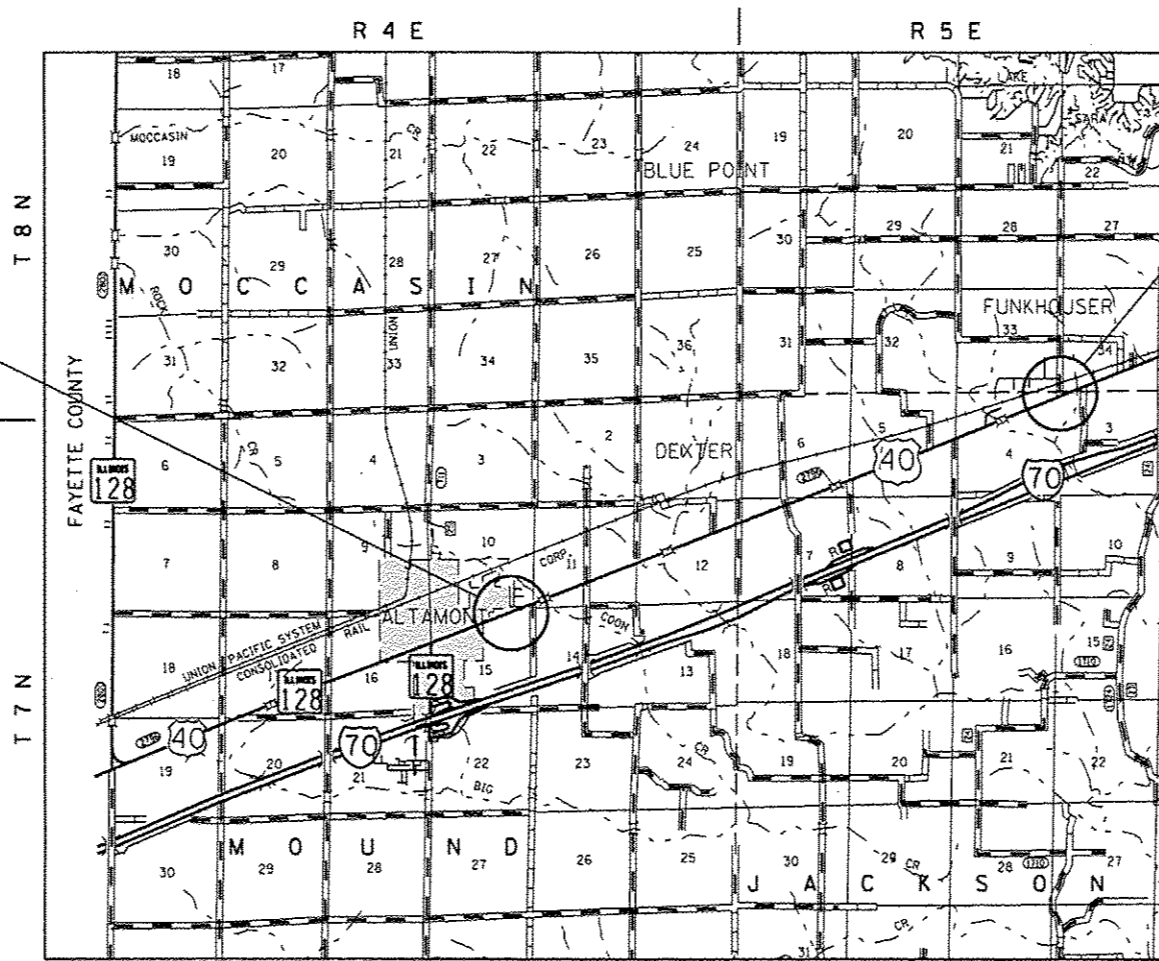


LOCATION OF SECTION INDICATED THUS: - [black rectangle] -



PROJECT BEGINS:  
STA. 1599 + 45

PROJECT ENDS:  
STA. 1889 + 20



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

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

PROJECT ENGINEER: TOM RONAN  
PROJECT MANAGER: KALEB HIRTZEL  
PHONE: (217) 342-8314  
CONTRACT NO. 74408

GROSS LENGTH = 28,975 FT. = 5.49 MILES  
NET LENGTH = 28,890 FT. = 5.47 MILES

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED 3/17/2016

*[Signature]* REGIONAL ENGINEER

*[Signature]* 2016  
Maurice M. Addis, P.E. ENGINEER OF DESIGN AND ENVIRONMENT

*[Signature]* 2016  
Omer Osman, P.E. DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

Rev.

**INDEX OF SHEETS**

SHEET NO.	ITEM
1	COVER SHEET
2	INDEX OF SHEETS AND GENERAL NOTES
3-4	SUMMARY OF QUANTITIES
5-8	TYPICAL SECTIONS
9-10	SCHEDULE OF QUANTITIES
11	ENTRANCE SCHEDULE
12-13	TIE POINTS
14-24	PLAN SHEETS
24A	BOX CULVERT PLAN SHEET
24B-24C	DETOUR SIGNING
24D	EROSION CONTROL PLAN
25	CONSTRUCTION DETAILS
26-29	PAVEMENT MARKING DETAIL
29A-29C	CROSS SECTIONS

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO. 29C:

STD. NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
406201-01	MAILBOX TURNOUT
442201-03	CLASS C AND D PATCHES
482011-03	HMA SHLD. STRIPS/SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
630001-10	STEEL PLATE BEAM GUARDRAIL
630301-06	SHOULDER WIDENING FOR TYPE I (SPECIAL GUARDRAIL TERMINALS
631032-08	TRAFFIC BARRIER TERMINAL, TYPE 6A
642006	SHOULDER RUMBLE STRIPS, 8 IN.
667101-02	PERMANENT SURVEY MARKERS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" 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
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS >= 45 MPH
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
BLR 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL HIGHWAYS

**GENERAL NOTES**

THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS; THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED APRIL 1, 2016; AND THE SPECIAL PROVISIONS INCLUDED IN THE PROPOSAL.

THIS PROJECT IS LOCATED ON FAS ROUTE 2796 (US 40) IN EFFINGHAM COUNTY, FROM DIVISION STREET NEAR THE EAST CORPORATE LIMITS OF ALTAMONT TO WEST OF LAKE SARA ROAD. THE WORK INCLUDED IN SECTION 21RS-5 CONSISTS OF A PRECAST BOX CULVERT, PAVEMENT PATCHING, MILLING, HOT-MIX ASPHALT RESURFACING, HOT-MIX ASPHALT SHOULDERS AND AGGREGATE WEDGE SHOULDERS, PAVEMENT MARKING, GUARDRAIL AND ANY OTHER WORK NECESSARY TO COMPLETE THE SECTION.

A UNIFORMLY STRAIGHT SAW CUT SHALL BE MADE AT LOCATIONS WHERE PROPOSED NEW CONSTRUCTION WILL ABUT EXISTING HOT-MIX ASPHALT SURFACES. THE SAW CUT SHALL BE MADE FULL DEPTH THROUGH THE EXISTING SURFACE. THIS WORK WILL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT ITEMS INVOLVED AND NO EXTRA COMPENSATION WILL BE ALLOWED.

THE PAY ITEM TEMPORARY RAMP HAS BEEN INCLUDED FOR THE CONSTRUCTION OF TEMPORARY RAMPS IN ACCORDANCE WITH ARTICLE 406.08 OF THE STANDARD SPECIFICATIONS. THE COST SHALL INCLUDE BOTH THE INSTALLATION AND THE REMOVAL OF THE TEMPORARY RAMPS.

THE EXISTING PAVEMENT SHALL BE PATCHED IN ACCORDANCE WITH SECTION 442 OF THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS. THE QUANTITY OF PATCHING SHOWN ON THE PLANS IS AN ESTIMATE ONLY AND THE FINAL LOCATIONS AND QUANTITY SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

**GENERAL NOTES (Cont'd)**

THE MATERIAL USED FOR AGGREGATE WEDGE SHOULDERS, TYPE B AND AGGREGATE SURFACE COURSE, TYPE B SHALL BE CRUSHED STONE OR CRUSHED CONCRETE.

ALL EXCESS MATERIAL FROM THE PAVED SHOULDER REMOVAL (SPECIAL) AND EXCAVATING AND GRADING EXISTING SHOULDERS SHALL BECOME THE PROPERTY OF I.D.O.T. AND SHALL BE HAULED TO AN I.D.O.T. STORAGE FACILITY. HAULING THE EXCESS MATERIAL SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE PER UNIT PRICE FOR PAVED SHOULDER REMOVAL (SPECIAL) AND EXCAVATING AND GRADING EXISTING SHOULDERS. THE STORAGE FACILITY IS LOCATED ON THE WEST SIDE OF IL 128, 1/2 OF A MILE NORTH OF US 40 AND JUST SOUTH OF THE RAILROAD TRACKS. THE MAINTENANCE FIELD ENGINEER, DOUG RUDOLPHI, SHALL BE CONTACTED AT 217-342-8281 ONE WEEK PRIOR TO DELIVERY OF THE EXCESS MATERIAL.

OMIT RUMBLE STRIPS ON ALL SIDEROADS, PRIVATE AND COMMERCIAL ENTRANCES AT RADIUS RETURNS. OMIT RUMBLE STRIPS AT MAILBOX TURNOUTS 60' BOTH SIDES OF THE MAILBOX OR AS DETERMINED BY THE ENGINEER. THESE RUMBLE STRIP OMISSIONS WILL NOT BE MEASURED FOR PAYMENT.

THE CONTRACTOR SHALL BEGIN PLACING LEVELING BINDER WITHIN 72 HOURS OF COMPLETING THE HOT-MIX ASPHALT SURFACE REMOVAL.

THE PAY ITEM HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4" ASSUMES USING TWO PASSES TO ALLEVIATE THE 2" LANE DIFFERENTIAL.

THE RESIDENT ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE CURING TIME FOR THE VARIOUS HOT-MIX ASPHALT LIFTS.

THE CONTRACTOR SHALL PROVIDE INTERNET ACCESSIBILITY TO THE HOT-MIX ASPHALT PLANT QUALITY CONTROL LAB SO THAT HOT-MIX ASPHALT PLANT REPORTS CAN BE E-MAILED TO THE DISTRICT HEADQUARTERS. THIS WORK SHALL BE INCLUDED IN THE COST OF ALL HOT-MIX ASPHALT ITEMS.

THE HOT MIX ASPHALT QUALITY CONTROL FOR PERFORMANCE (BMPS) SPECIAL PROVISION SHALL APPLY TO THE HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 LAID ON THE TWO THROUGH LANES. THE QUALITY CONTROL FOR PERFORMANCE SPECIFICATION WILL NOT APPLY TO THE SURFACE COURSE LAID ON TOP OF THE HOT-MIX ASPHALT SHOULDERS.

PAVEMENT MARKING SHALL BE APPLIED IN ACCORDANCE WITH SECTION 780 OF THE STANDARD SPECIFICATIONS. SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE MILLED SURFACE, BITUMINOUS MATERIALS (PRIME COAT), LEVELING BINDER AND HOT-MIX ASPHALT SURFACE COURSE AS SPECIFIED IN SECTION 703 OF THE STANDARD SPECIFICATIONS. TEMPORARY TAPE SHALL BE USED ON THE SURFACE COURSE AND PAINT SHALL BE USED ON MILLED SURFACES.

THE TOTAL QUANTITY OF PAINT PAVEMENT MARKING-LINE 4" CONSISTS OF 56,593 FEET OF WHITE AND 32,943 FEET OF YELLOW.

THE TOTAL QUANTITY OF RAISED REFLECTIVE PAVEMENT MARKERS IS 363 TWO-WAY AMBER MARKERS.

THE LOCATIONS AND/OR DEPTHS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM INFORMATION FURNISHED BY THE UTILITY OWNERS AND MUST BE CONSIDERED APPROXIMATE. FIELD MARKING OF FACILITIES IN CRITICAL AREAS MAY BE OBTAINED BY PROVIDING A MINIMUM OF 96 HOURS ADVANCED NOTICE THROUGH THE J.U.L.I.E. SYSTEM BY CALLING 800-892-0123.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE:	SURFACE COURSE	LEVEL BINDER
PG GRADE:	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ NDESIGN = 70	4.0% @ NDESIGN = 70
MIXTURE COMPOSITION:	IL-9.5	IL-9.5
FRICTION AGGREGATE:	MIXTURE D	N/A

MIXTURE USE:	INCIDENTAL	CLASS D PATCHING
PG GRADE:	PG 64-2	PG 64-22
DESIGN AIR VOIDS:	4.0% @ NDESIGN = 70	4.0% @ NDESIGN = 70
MIXTURE COMPOSITION:	IL-9.5	IL-19.0
FRICTION AGGREGATE:	MIXTURE C	N/A

MIXTURE USE:	HMA SHOULDERS, 6 1/2"
PG GRADE:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ NDESIGN = 70
MIXTURE COMPOSITION:	IL-19.0
FRICTION AGGREGATE:	N/A

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

AGGREGATE SURFACE COURSE	2.05 TONS/CU YD
AGGREGATE WEDGE SHOULDERS	2.05 TONS/CU YD
BITUMINOUS MATERIALS (PRIME COAT)	0.05 LBS/SQ YD (MILLED SURFACE)
	0.025 LBS/SQ YD (BETWEEN HMA LIFTS)
HOT-MIX ASPHALT	112 LBS/SQ YD/INCH

FILE NAME =	USER NAME = hjrtelk	DESIGNED =	REVISED =	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS AND GENERAL NOTES</b>	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\IL\B04EBID\INTEG\Illinois.gov\FIDOT\do	ments\IDOT Offices\District 7\Projects\744	DRANKA	REVISED =			2796	21RS-5	EFFINGHAM	29	2	
		CHECKED =	REVISED =			CONTRACT NO. 74408					
		DATE =	REVISED =			SCALE: NA	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	
		PLOT SCALE = 100.0000' / in.									
		PLOT DATE = 4/1/2016									

SUMMARY OF QUANTITIES			80% FED. 20% STATE TOTAL	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT	QUANTITIES	0005		
20200100	EARTH EXCAVATION	CUYD	60	60		
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	502	502		
20201200	REMOVAL AND DISPOSAL OF UNSPLITTABLE MATERIAL	CUYD	35	35		
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	317	317		
20700220	POROUS GRANULAR EMBANKMENT	CUYD	72	72		
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	48605	48605		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	23	23		
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	3024	3024		
28000305	TEMPORARY DITCH CHECKS	FOOT	112	112		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	183	183		
28000500	INLET AND PIPE PROTECTION	EACH	1	1		
40600990	TEMPORARY RAMP	SO YD	153	153		
28100105	STONE RIPRAP, CLASS A3	SQ YD	94	94		
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	7453	7453		
28200200	FILTER FABRIC	SQ YD	94	94		
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	95	95		
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SO YD	61003	61003		
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SO YD	10831	10831		
44201821	CLASS D PATCHES, TYPE IV, 14 INCH	SQ YD	97	97		
44201863	CLASS D PATCHES, TYPE II, 18 INCH	SO YD	400	400		
44201867	CLASS D PATCHES, TYPE III, 18 INCH	SO YD	50	50		
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	1075	1075		
48203023	HOT-MIX ASPHALT SHOULDERS, 6 1/2"	SO YD	16710	16710		
50105220	PIPE CULVERT REMOVAL	FOOT	19	19		

SUMMARY OF QUANTITIES			80% FED. 20% STATE TOTAL	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT	QUANTITIES	0005		
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2	2		
63000001	STEEL PLATE BEAM GUARDRAIL; TYPE A, 6 FOOT POSTS	FOOT	450	450		
54010002	PRECAST CONCRETE BOX CULVERTS, 8' x 2'	FOOT	50	50		
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	4		
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CUYD	3.3	3.3		
63200310	GUARDRAIL REMOVAL	FOOT	830	830		
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	43201	43201		
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	3	3		
67100100	MOBILIZATION	LSUM	1	1		
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	LSUM	1	1		
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	LSUM	1	1		
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	LSUM	1	1		
70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	LSUM	1	1		
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	14	14		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	11590	11590		

FILE NAME =	USER NAME = staffrank	DESIGNED -	REVISED -
p:\N\1084EB\INTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 7\Projects\7448\BRAN to CAB\sheet\774488-sht-soq.dgn		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NA SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2796	21RS-5	EFFINGHAM	29	3
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74408	

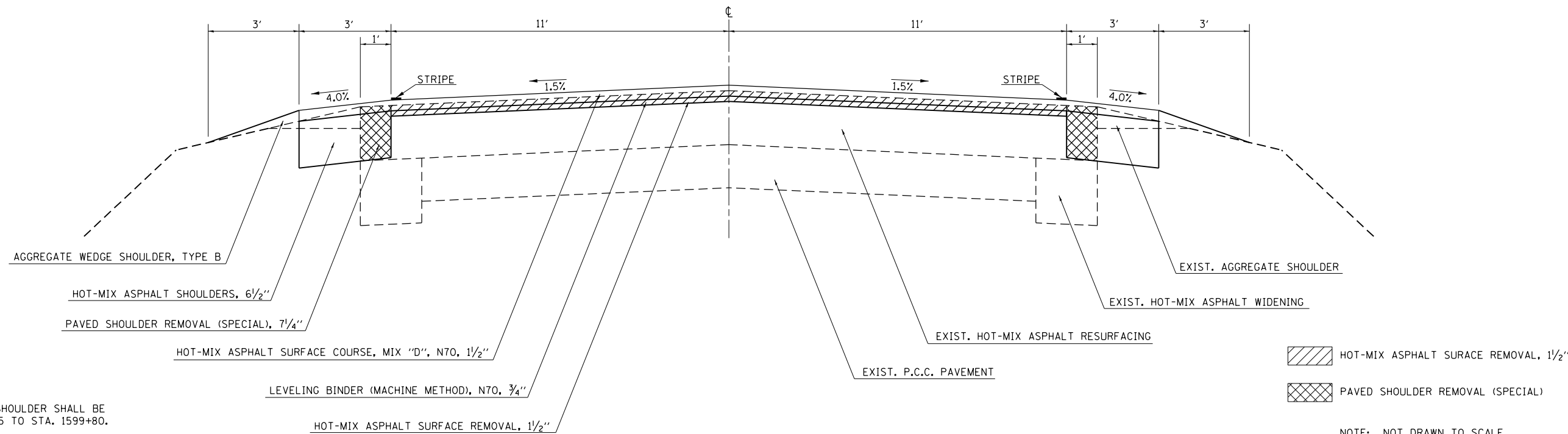
Rev.



① TYPICAL CROSS SECTIONS

- ② STATION 1599+45 TO STATION 1612+86
- ② STATION 1616+77 TO STATION 1664+99
- ④ STATION 1695+53 TO STATION 1776+30

- ④ STATION 1783+34 TO STATION 1876+50
- ⑧ STATION 1881+80 TO STATION 1889+20



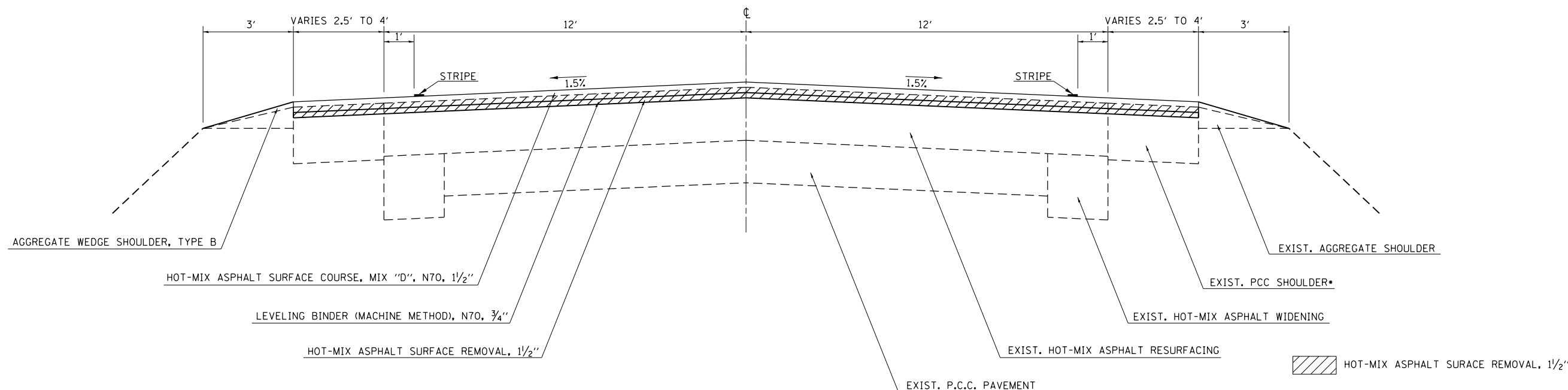
NOTE: THE PROPOSED HMA SHOULDER SHALL BE OMITTED FROM STA. 1599+45 TO STA. 1599+80.

NOTE: NOT DRAWN TO SCALE

② TYPICAL CROSS SECTIONS

- ① STATION 1612+86 TO STATION 1614+56
- STATION 1614+56 TO STATION 1615+41 BRIDGE OMISSION

- ① STATION 1615+41 TO STATION 1616+77
- ① STATION 1776+30 TO STATION 1779+39



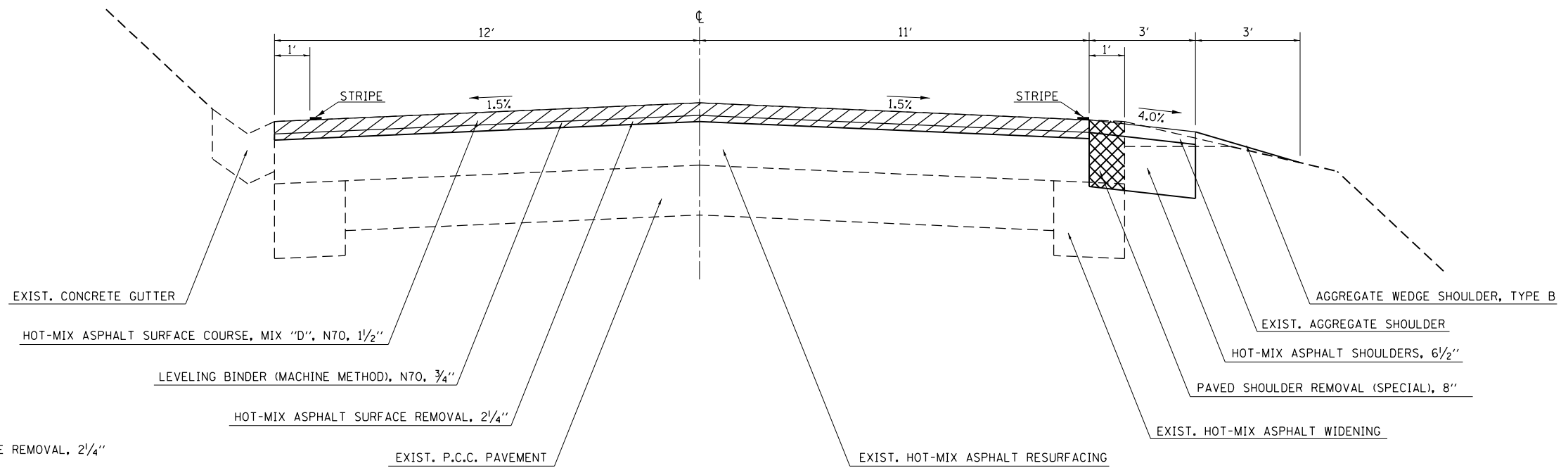
•THE EXISTING SHOULDER FROM STA. 1776+30 TO STA. 1779+39 IS HOT-MIX ASPHALT.

NOTE: NOT DRAWN TO SCALE

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL CROSS SECTIONS</b>			F.A.S. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\7448\DRAWING\CABsheets\d774408-sh-typical		CHECKED -	REVISED -		SCALE: NA	SHEET NO. 1 OF 4 SHEETS	STA.	TO STA.	2796	21RS-5	EFFINGHAM	29	5
		DATE -	REVISED -					CONTRACT NO. 74408					
					ILLINOIS FED. AID PROJECT								

③ TYPICAL CROSS SECTIONS

① STATION 1664+99 TO STATION 1665+53 ④



HOT-MIX ASPHALT SURACE REMOVAL, 2 1/4"

PAVED SHOULDER REMOVAL (SPECIAL)

NOTE: NOT DRAWN TO SCALE

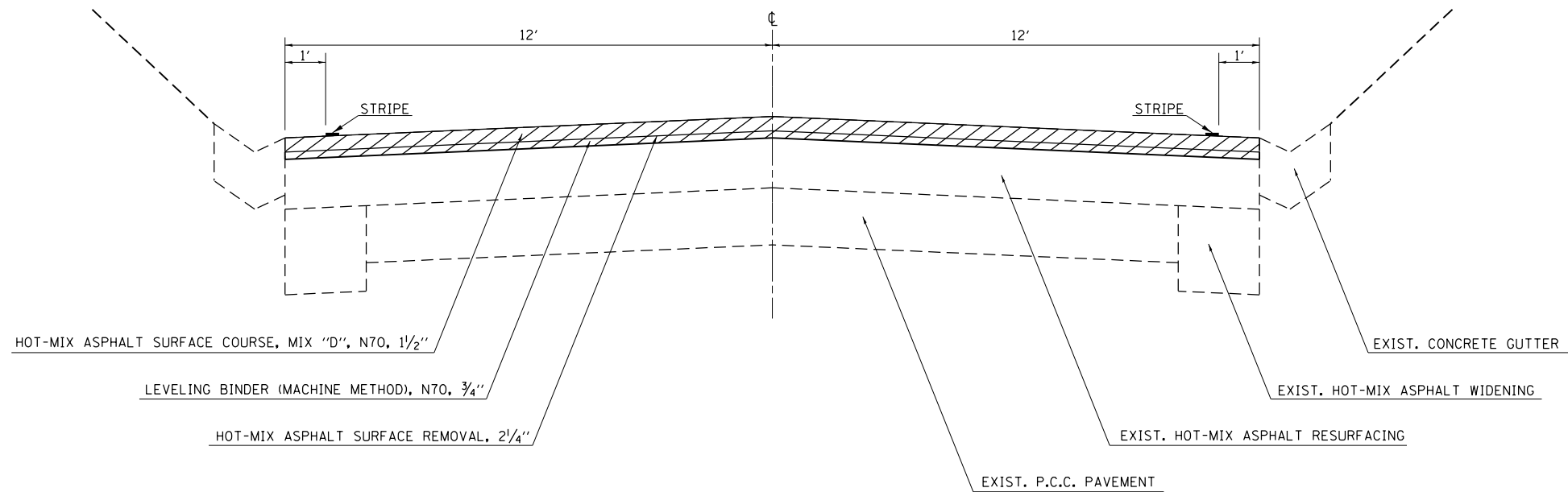
④ TYPICAL CROSS SECTIONS

③ STATION 1665+53 TO STATION 1668+92 ⑤

⑦ STATION 1675+36 TO STATION 1686+29 ⑦

⑦ STATION 1687+95 TO STATION 1695+53 ①

② STATION 1779+39 TO STATION 1783+34 ①



HOT-MIX ASPHALT SURACE REMOVAL, 2 1/4"

NOTE: NOT DRAWN TO SCALE

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\7448\DRAWING\CABsheets\d774408-sh-typical		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

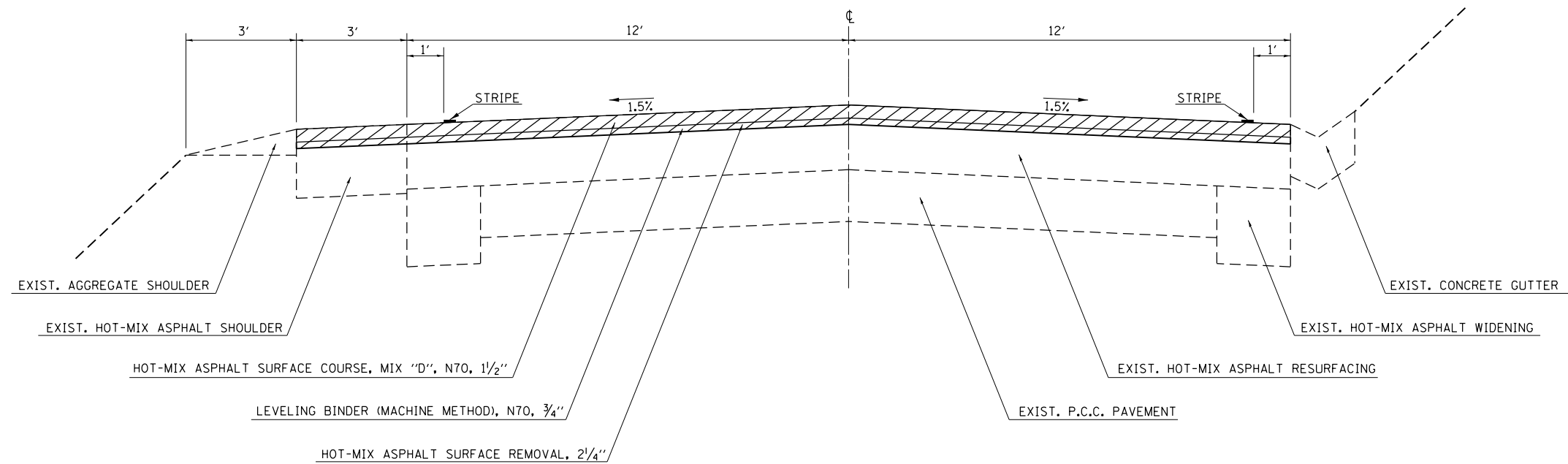
TYPICAL CROSS SECTIONS

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2796	2IRS-5	EFFINGHAM	29	6
CONTRACT NO. 74408				
ILLINOIS FED. AID PROJECT				

⑤ TYPICAL CROSS SECTIONS

④ STATION 1668+92 TO STATION 1669+90 ⑥

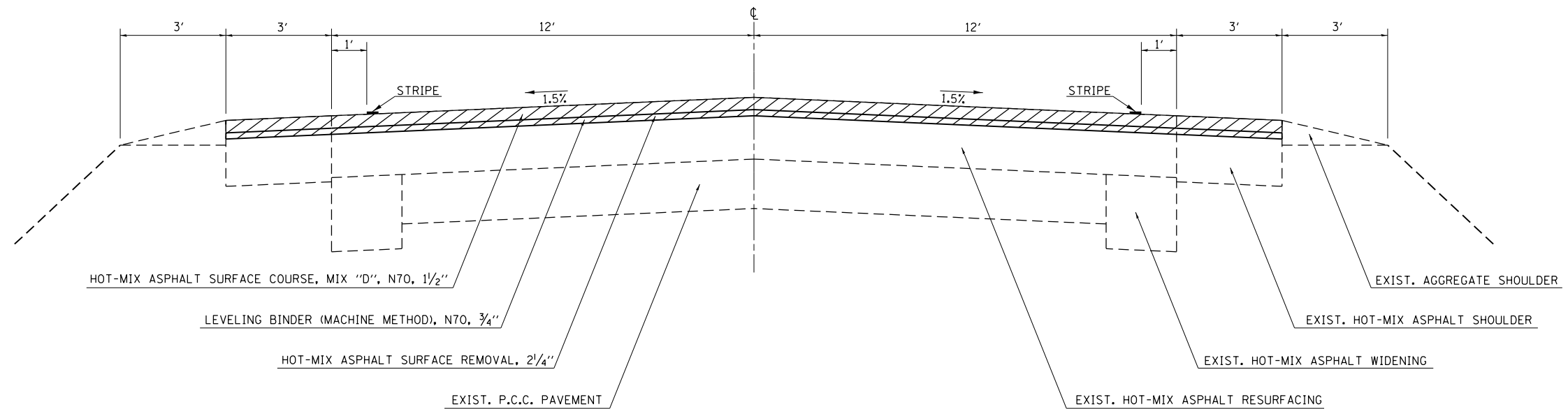


 HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"

NOTE: NOT DRAWN TO SCALE

⑥ TYPICAL CROSS SECTIONS

⑤ STATION 1669+90 TO STATION 1671+90 ⑦



 HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"

NOTE: NOT DRAWN TO SCALE

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\7448\DRAWING\CABsheets\d774408-sht-typicals		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

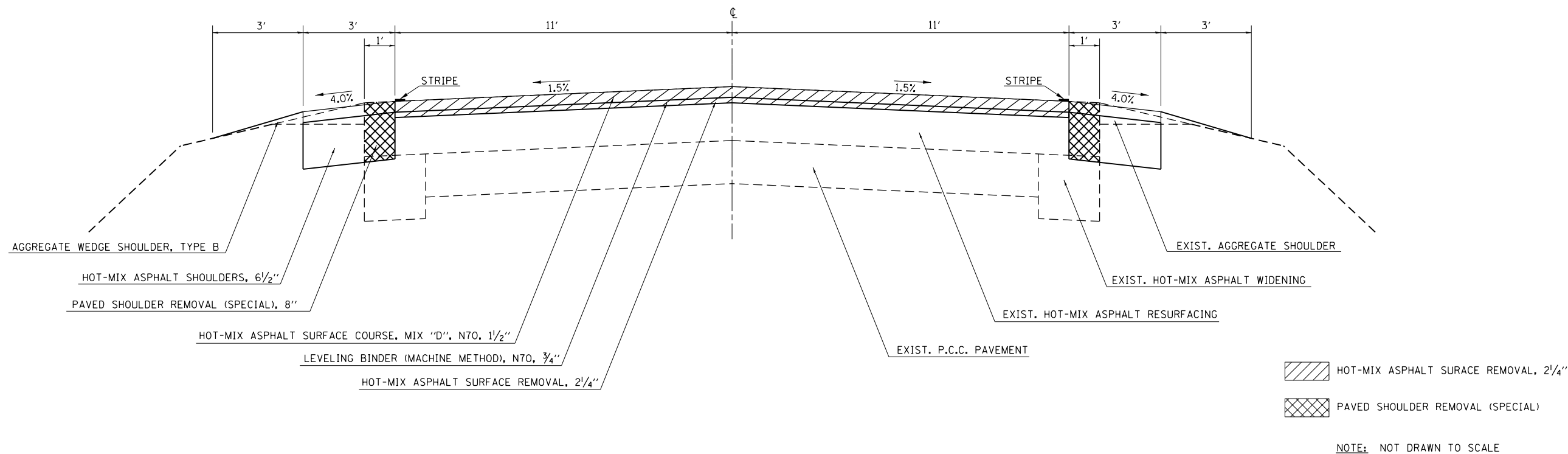
SCALE: NA SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2796	21RS-5	EFFINGHAM	29	7
CONTRACT NO. 74408				
ILLINOIS FED. AID PROJECT				

⑦ TYPICAL CROSS SECTIONS

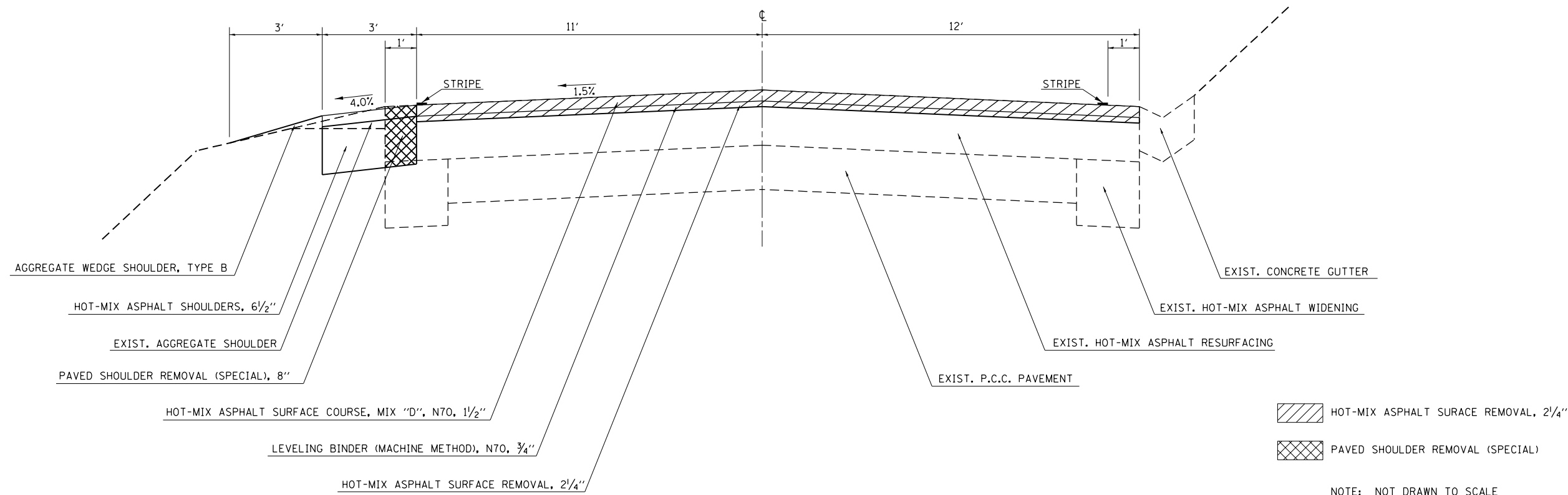
⑥ STATION 1671+90 TO STATION 1675+36 ④

④ STATION 1686+29 TO STATION 1687+95 ④



⑧ TYPICAL CROSS SECTIONS

① STATION 1876+50 TO STATION 1881+80 ①



FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 7\Projects\74408\DRAWING\CABsheets\d774408-sht-typicals.dwg		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2796	21RS-5	EFFINGHAM	29	8
CONTRACT NO. 74408				
ILLINOIS FED. AID PROJECT				

NOTE: NOT DRAWN TO SCALE



RESURFACING SCHEDULE			LENGTH	WIDTH	AREA	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	TEMPRARY RAMPS	TEMPORARY RAMPS, SPECIAL	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	BITUMINOUS MATERIALS (PRIME COAT)	LEVELING BINDER (MACHINE METHOD), N70	LONGITUDINAL JOINT SEALANT	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	EXCAVATING AND GRADING EXISTING SHOULDERS	PAVED SHOULDER REMOVAL (SPECIAL)	HOT-MIX ASPHALT SHOULDERS, 6 1/2"	SHOULDER RUMBLE STRIPS, 8 INCH	AGGREGATE WEDGE SHOULDER, TYPE B
STATION	TO	STATION	FOOT	FOOT	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	POUND	TON	FOOT	TON	UNIT	SQ YD	SQ YD	FOOT	TON
1599+45	TO	1599+60	15	24	40.0	40.0	33.3	-	-	-	27.0	1.7	15	3.4	-	-	-	-	0.6
1599+60	TO	1612+86	1326	24	3536.0	-	-	-	3241.3	-	2187.9	136.1	1326	346.5	26.5	290.2	870.7	-	51.2
1612+86	TO	1614+41	155	29	499.4	-	-	-	499.4	-	337.1	21.0	155	42.0	-	-	-	-	6.6
1614+41	TO	1614+56	15	29	48.3	53.3	44.5	-	-	-	32.6	2.0	15	4.1	-	-	-	-	0.6
1614+56	TO	1615+41	85	BRIDGE OMISSION		-	-	-	-	-	-	-	-	-	-	-	-	-	-
1615+41	TO	1615+56	15	29	48.3	53.3	44.5	-	-	-	32.6	2.0	15	4.1	-	-	-	30.0	0.6
1615+56	TO	1616+77	121	29	389.9	-	-	-	389.9	-	263.2	16.4	121	32.8	-	-	-	242.0	5.2
1616+77	TO	1664+84	4807	24	12818.7	-	-	2.0	11750.4	-	7931.5	493.5	4807	1256.2	96.1	1068.2	3204.7	8419.0	196.5
1664+84	TO	1664+99	15	24	40.0	-	-	13.5	-	36.6	24.8	1.5	15	3.9	0.3	3.3	10.0	30.0	0.6
1664+99	TO	1665+53	54	24	144.0	-	-	-	-	138.0	93.2	5.8	54	13.1	0.5	6.0	18.0	0.0	0.0
1665+53	TO	1668+92	339	24	904.0	-	-	-	-	904.0	610.2	38.0	339	75.9	-	-	-	-	-
1668+92	TO	1669+90	98	27	294.0	-	-	-	-	294.0	198.4	12.3	98	24.7	-	-	-	98.0	1.9
1669+90	TO	1671+90	200	30	666.7	-	-	-	-	666.7	450.0	28.0	200	56.0	-	-	-	400.0	8.5
1671+90	TO	1675+36	346	24	922.7	-	-	-	-	845.8	570.9	35.5	346	90.4	6.9	76.9	230.7	692.0	14.8
1675+36	TO	1686+29	1093	24	2914.7	-	-	-	-	2914.7	1967.4	122.4	1093	244.8	-	-	-	-	-
1686+29	TO	1687+95	166	24	442.7	-	-	-	-	405.8	273.9	17.0	166	43.4	3.3	36.9	110.7	332.0	7.1
1687+95	TO	1695+53	758	24	2021.3	-	-	-	-	2021.3	1364.4	84.9	758	169.8	-	-	-	-	-
1695+53	TO	1695+68	15	24	40.0	-	-	-	-	36.6	24.8	1.5	15	3.9	0.3	3.3	10.0	30.0	0.6
1695+68	TO	1776+30	8062	24	21498.7	-	-	-	19707.1	-	13302.3	827.7	8062	2106.9	161.2	1791.6	5374.7	15125.0	335.5
1776+30	TO	1779+24	294	30	980.0	-	-	-	980.0	-	661.5	41.2	294	82.3	-	-	-	588.0	12.6
1779+24	TO	1779+39	15	30	50.0	-	-	-	-	50.0	33.8	2.1	15	4.2	-	-	-	30.0	0.6
1779+39	TO	1783+34	395	24	1053.3	-	-	-	-	1053.3	711.0	44.2	395	88.5	-	-	-	-	-
1783+34	TO	1783+49	15	24	40.0	-	-	-	-	36.6	24.8	1.5	15	3.9	0.3	3.3	10.0	30.0	0.6
1783+49	TO	1876+35	9286	24	24762.7	-	-	-	22699.1	-	15321.9	953.4	9286	2426.7	185.7	2063.6	6190.7	15834.0	390.5
1876+35	TO	1876+50	15	24	40.0	-	-	-	-	36.6	24.8	1.5	15	3.9	0.3	3.3	10.0	30.0	0.6
1876+50	TO	1881+80	530	24	1413.3	-	-	8.9	-	1354.4	914.3	56.9	530	128.6	5.3	58.9	176.7	399.0	10.1
1881+80	TO	1881+95	15	24	40.0	-	-	-	-	36.6	24.8	1.5	15	3.9	0.3	3.3	10.0	5.0	0.6
1881+95	TO	1889+05	710	24	1893.3	-	-	-	1735.6	-	1171.5	72.9	710	185.5	14.2	157.8	473.3	857.0	28.0
1889+05	TO	1889+20	15	24	40.0	36.7	30.5	-	-	-	24.8	1.5	15	3.9	0.3	3.3	10.0	30.0	0.6
TOTALS:			28975	-	77582	183	153	24	61003	10831	48605	3024	28890	7453	502	5570	16710	43201	1075

FILE NAME =	USER NAME = hirtzelk1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES</b>			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\74408\Drawings\CABsheets\d774408-sht-sch.dgn		CHECKED -	REVISED -		2796	21RS-5	EFFINGHAM	29	9			
PLOT SCALE = 100.0000' / 1in.		DATE -	REVISED -		SCALE: NA			SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.	CONTRACT NO. 74408	
PLOT DATE = 4/1/2016					ILLINOIS FED. AID PROJECT							

EARTHWORK SCHEDULE		EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%)	EARTH FILL	EARTHWORK BALANCE, WASTE (+) OR SHORTAGE (-)
STATIONING					
FROM	TO	CU YD	CU YD	CU YD	CU YD
1647+00	1647+20	0.9	0.7	0.0	0.7
1647+20	1647+40	3.1	2.6	0.0	2.6
1647+40	1647+60	7.1	6.1	0.1	5.9
1647+60	1647+80	10.7	9.1	0.0	9.1
1647+80	1648+00	9.5	8.0	0.7	7.4
1648+00	1648+04.91	1.9	1.6	0.5	1.2
1648+04.91	1648+20	6.8	5.7	0.4	5.4
1648+20	1648+40	11.2	9.5	0.0	9.5
1648+40	1648+60	7.8	6.6	0.0	6.6
1648+60	1648+80	1.4	1.2	0.0	1.2
TOTALS:		60.2	51.2	1.7	49.5

GUARDRAIL SCHEDULE		SIDE	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	TRAFFIC BARRIER TERMINAL, TYPE 6A (SPECIAL)	GUARDRAIL REFLECTORS, TYPE A	TERMINAL MARKER - DIRECT APPLIED
STATIONING							
FROM	TO	SN 025-0093					
1612+20.95	1612+70.95	RT	-	1	-	-	1
1612+70.95	1614+20.95	RT	150	-	-	3	-
1614+20.95	1614+64.70	RT	-	-	1	1	-
1615+49.70	1615+93.45	RT	-	-	1	2	-
1615+93.45	1616+68.45	RT	75	-	-	2	-
1616+68.45	1617+18.45	RT	-	1	-	-	1
1612+78.55	1613+28.55	LT	-	1	-	-	1
1613+28.55	1614+03.55	LT	75	-	-	2	-
1614+03.55	1614+47.25	LT	-	-	1	2	-
1615+32.30	1615+76.05	LT	-	-	1	1	-
1615+76.05	1617+26.05	LT	150	-	-	3	-
1617+26.05	1617+76.05	LT	-	1	-	-	1
TOTALS:			450	4	4	16	4

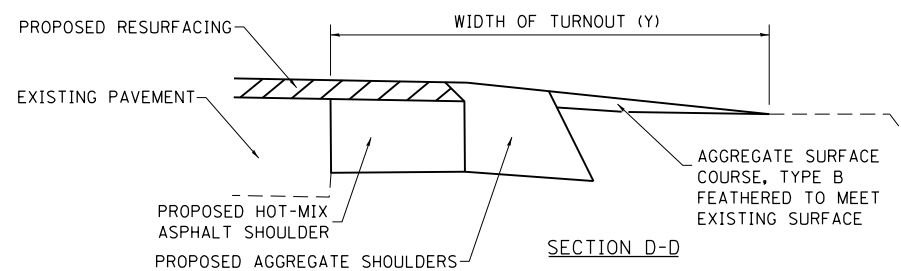
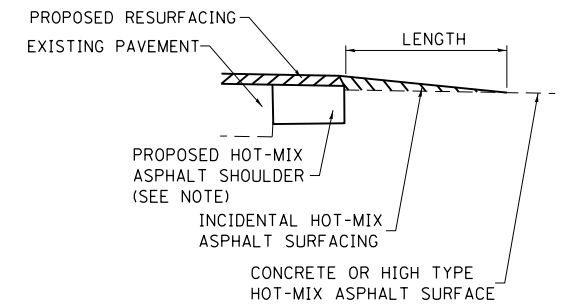
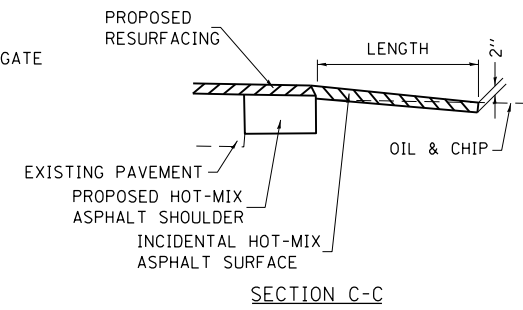
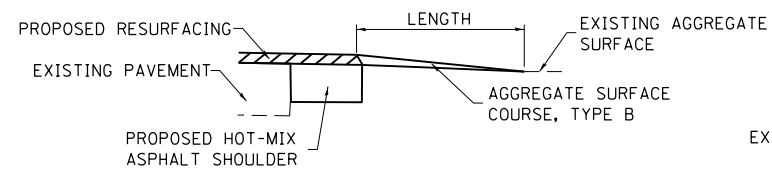
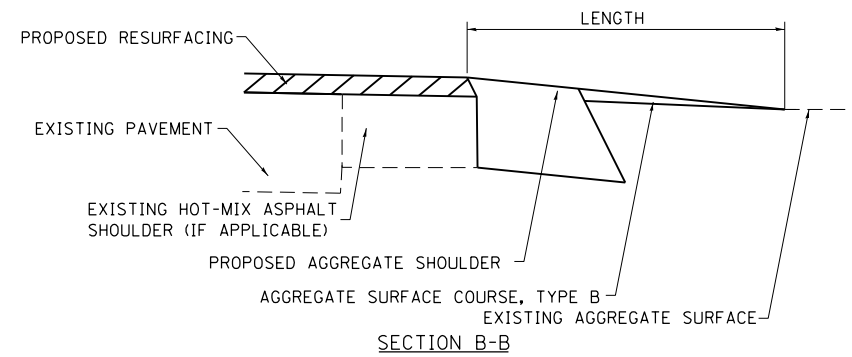
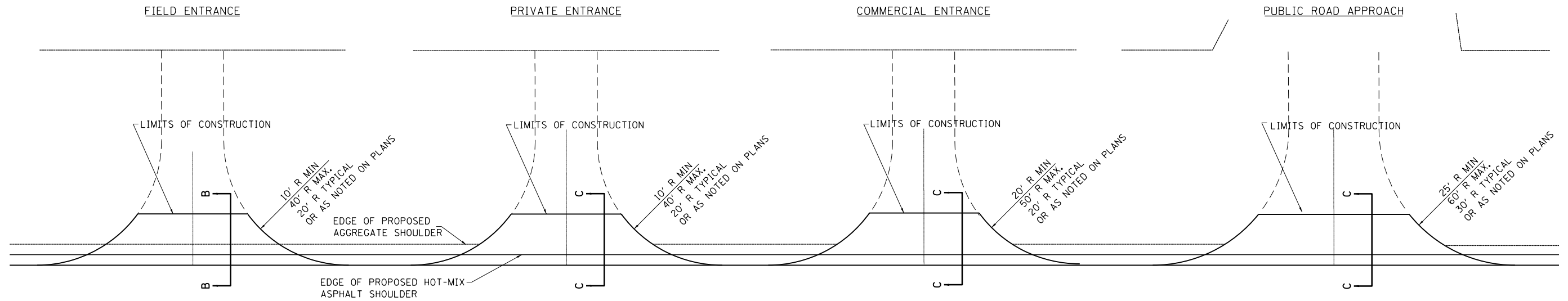
PAVEMENT MARKING SCHEDULE			LENGTH	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	TEMPORARY PAVEMENT MARKING - LINE 4"	PAVEMENT MARKING REMOVAL	PAINT PAVEMENT MARKING - LINE 4"	RAISED REFLECTIVE PAVEMENT MARKER
STATION	TO	STATION							
1599+45	TO	1606+00	655	262.0	21.8	1946.7	648.9	1946.7	8
1606+00	TO	1608+21	221	88.4	7.4	884.0	294.7	884.0	3
1608+21	TO	1616+29	808	323.2	26.9	2552.0	850.7	2552.0	10
1616+29	TO	1620+98	469	187.6	15.6	1055.2	351.8	1055.2	6
1620+98	TO	1628+84	786	314.4	26.2	2554.5	851.5	2554.5	10
1628+84	TO	1630+62	178	71.2	5.9	400.5	133.5	400.5	2
1630+62	TO	1651+84	2122	848.8	70.7	6729.5	2243.2	6729.5	27
1651+84	TO	1694+56	4272	1708.8	142.4	17088.0	5696.0	17088.0	53
1694+56	TO	1705+07	1051	420.4	35.0	3415.7	1138.6	3415.7	13
1705+07	TO	1764+16	5909	2363.6	197.0	12957.3	4319.1	12957.3	74
1764+16	TO	1772+79	863	345.2	28.8	2804.8	934.9	2804.8	11
1772+79	TO	1814+40	4161	1664.4	138.7	16596.0	5532.0	16596.0	52
1814+40	TO	1823+53	913	365.2	30.4	2967.3	989.1	2967.3	11
1823+53	TO	1848+41	2488	995.2	82.9	5455.0	1818.3	5455.0	31
1848+41	TO	1866+69	1828	731.2	60.9	5886.0	1962.0	5886.0	23
1866+69	TO	1869+56	287	114.8	9.6	645.8	215.3	645.8	4
1869+56	TO	1876+30	674	269.6	22.5	2190.5	730.2	2190.5	8
1876+30	TO	1879+20	290	116.0	9.7	652.5	217.5	652.5	4
1879+20	TO	1886+89	769	307.6	25.6	2499.3	833.1	2499.3	10
1886+89	TO	1888+34	145	58.0	4.8	326.3	108.8	326.3	2
1888+34	TO	1889+20	86	34.4	2.9	279.5	93.2	279.5	1
TOTALS:			28975	11590	966	89886	29962	89886	363

PROTECTING OR RESETTING SURVEY MARKERS

STATION	OFFSET (FOOT)	DESCRIPTION	QUANTITY (EACH)
1666+30.42	0.0	MAG NAIL	1
1672+38.71	0.0	MAG NAIL	1
1676+86.90	4.18	MAG NAIL	1
1681+34.99	0.0	MAG NAIL	1
1689+61.18	0.0	MAG NAIL	1
1694+13.70	1.15	MAG NAIL	1
1698+66.21	0.0	MAG NAIL	1
1701+72.30	0.0	MAG NAIL	1
TOTAL =			8

GUARDRAIL REMOVAL SCHEDULE

STATIONING		SIDE	QUANTITY (FEET)
FROM	TO		
SN 025-0093			
1614+07	1616+57	RT	250
1617+17	1618+82	RT	165
1614+75	1616+40	LT	165
1617+00	1619+50	LT	250
TOTAL =			830



TYPICAL SECTION AT MAILBOX TURNOUT

NOTE: SEE STANDARD 406201 FOR MAILBOX TURNOUT DETAILS

NOTES

LENGTH = 10' UNLESS OTHERWISE NOTED ON PLANS

THE THICKNESS OF THE HOT-MIX ASPHALT SHOULDERS THROUGH COMMERCIAL ENTRANCES (HOT-MIX ASPHALT) AND PUBLIC ROADS SHALL BE 10". THE COST OF THE EXTRA THICKNESS SHALL BE INCLUDED WITH THE HOT-MIX ASPHALT SHOULDERS PAY ITEM.

HOT-MIX ASPHALT SHOULDERS SHALL NOT BE CONSTRUCTED THROUGH A PCC ENTRANCE OR PCC PUBLIC ROAD APPROACH.

THE COST OF EXCAVATION IS INCLUDED IN THE PAY ITEM INCIDENTAL HOT-MIX ASPHALT SURFACING.

THE COST OF THE BITUMINOUS MATERIALS AND AGGREGATE (PRIME COAT) FOR ENTRANCES AND PUBLIC ROAD APPROACHES SHALL BE INCLUDED IN THE PAY ITEM INCIDENTAL HOT-MIX ASPHALT SURFACING.

SIDE	STATION	TYPE	INCIDENTAL HOT-MIX ASPHALT SURFACING	
			TON	TON
RT	1600+20	CE		4.8
LT	1601+00	PRA	11.9	
LT	1604+81	MBT		2.5
LT	1605+00	PE		3.2
RT	1610+30	PRA	4.3	
LT	1617+96	MBT		2.5
LT	1620+71	PE		2.6
RT	1620+71	PE	2.3	
LT	1620+95	MBT		2.5
RT	1624+90	PE		2.1
RT	1628+54	FE		2.3
LT	1630+15	FE		3.4
RT	1635+71	FE		2.9
RT	1640+07	PRA	5.9	
LT	1640+07	PRA	4.3	
RT	1646+50	PE		2.3
RT	1647+18	PE		2.0
LT	1648+90	PE		2.6
LT	1649+15	MBT		2.5
LT	1650+50	MBT		5.0
LT	1651+01	PE		4.5
RT	1651+76	PE		2.6
LT	1652+90	MBT		5.0
LT	1657+33	CE	3.7	
LT	1661+91	CE	4.3	

SIDE	STATION	TYPE	INCIDENTAL HOT-MIX ASPHALT SURFACING	
			TON	TON
LT	1663+80	CE	5.4	
LT	1664+63	PE		4.0
RT	1665+10	PE	4.2	
RT	1703+52	FE		2.7
RT	1709+39	FE		3.2
LT	1709+76	PE	4.5	
LT	1710+71	MBT		5.0
LT	1711+23	PRA	3.5	
RT	1713+33	CE		9.8
LT	1713+67	MBT		2.5
RT	1714+57	FE		1.7
RT	1719+32	FE		2.6
RT	1725+53	PRA	4	
LT	1725+65	PRA	3.7	
RT	1728+71	PE		3.5
RT	1738+27	FE		2.2
LT	1738+27	PE		3.2
LT	1738+47	MBT		2.5
LT	1742+72	FE		2.7
LT	1749+86	PE		1.9
RT	1749+93	FE		2.4
LT	1751+52	PRA	4.1	
RT	1751+58	PRA	4.7	
RT	1754+72	MBT		2.5
RT	1754+98	PE		2.6

SIDE	STATION	TYPE	INCIDENTAL HOT-MIX ASPHALT SURFACING	
			TON	TON
LT	1759+40	FE		2.7
RT	1764+39	MBT		2.5
RT	1764+78	PE		4.3
RT	1771+33	CE		2.1
RT	1787+76	PRA	2.9	
LT	1787+76	PE		2.4
LT	1788+62	PE		2.5
LT	1788+77	MBT		2.5
RT	1789+34	PE		13.8
LT	1789+70	MBT		5.0
LT	1789+83	PE		2.9
LT	1790+31	PE		1.8
LT	1790+91	MBT		5.0
RT	1791+06	FE		2.5
LT	1791+28	PE		2.5
RT	1792+34	FE		2.9
LT	1792+82	PE		2.4
LT	1793+08	MBT		2.5
LT	1793+27	PE		2.1
LT	1795+41	MBT		2.5
LT	1795+66	PE		2.2
RT	1799+12	PE	2.5	
RT	1799+89	MBT		5.0
LT	1800+03	PE		3.1
LT	1801+43	MBT		2.5

SIDE	STATION	TYPE	INCIDENTAL HOT-MIX ASPHALT SURFACING	
			TON	TON
LT	1801+51	PE		2.4
RT	1801+81	MBT		2.5
RT	1802+05	PE		2.9
LT	1811+13	MBT		2.5
LT	1811+35	PE		3.8
RT	1814+30	PE		2.8
LT	1816+71	PE		3.2
LT	1816+87	MBT		2.5
RT	1818+12	MBT		2.5
RT	1818+32	PE		2.8
RT	1822+02	FE		2.0
LT	1822+91	CE	3	
LT	1831+30	PRA	4	
RT	1834+45	PE		2.9
RT	1836+92	CE		3.8
LT	1842+84	PE		2.8
LT	1842+84	FE		2.8
LT	1844+51	FE		2.9
RT	1845+78	PRA	4.8	
LT	1847+93	PE		8.4
LT	1849+89	MBT		2.5
LT	1850+11	PE		2.2
LT	1852+02	MBT		5.0
RT	1852+55	FE		2.9
LT	1853+06	CE		4.8

SIDE	STATION	TYPE	INCIDENTAL HOT-MIX ASPHALT SURFACING	
			TON	TON
LT	1856+66	MBT		2.5
LT	1856+92	PE		3.6
RT	1857+40	FE		1.7
LT	1861+91	MBT		2.5
LT	1862+24	PRA		4.5
RT	1875+50	PE		5.4
LT	1875+60	MBT		5.0
LT	1881+36	MBT		5.0
LT	1881+90	PE		3.4
RT	1882+72	PE		2.6
RT	1886+34	PE	2.5	
LT	1886+34	MBT		5.0
LT	1887+04	MBT		2.5
LT	1887+15	PE		2.0
RT	1887+37	PE	2.3	
LT	1887+46	MBT		5.0
LT	1887+74	PE		2.3
RT	1888+31	PE	1.7	
LT	1888+44	MBT		5.0
TOTALS:			95	317

FE=FIELD ENTRANCE PRA - PUBLIC ROAD APPROACH  
 PE=PRIVATE ENTRANCE MBT - MAILBOX TURNOUT  
 CE=COMMERCIAL ENTRANCE

FILE NAME =	USER NAME = steffenmk	DESIGNED - 08-03-99	REVISED - 03-13-07
pw:\IL084EBID\INTEG\illinois.gov\PIWIDOT\Documents\DOT Offices\District 7\Projects\74408\Drawings\CABsheets\d774408-sht-sch.dgn		CHECKED -	REVISED -
		DATE -	REVISED -

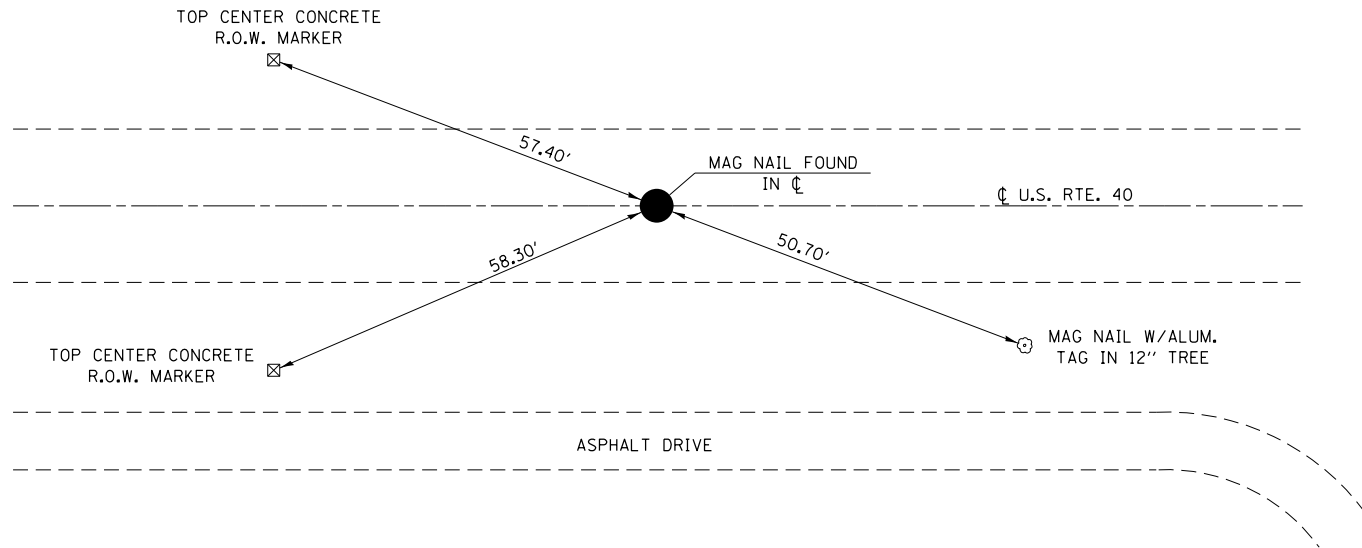
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ENTRANCE SCHEDULE AND MAILBOX TURNOUT DETAILS  
SHOULDERS (PROPOSED)

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

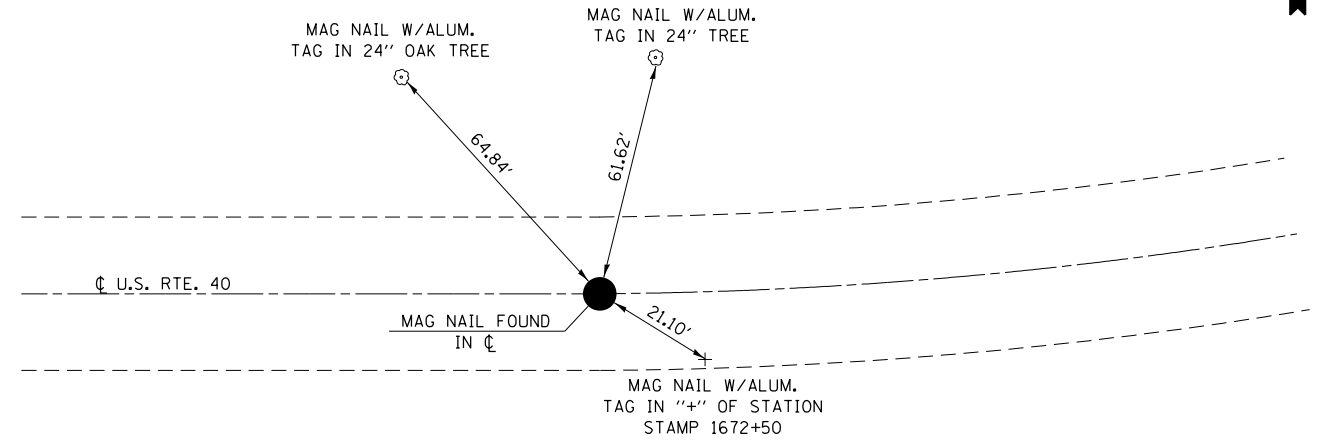
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2796	21RS-5	EFFINGHAM	29	11
CONTRACT NO. 74408				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

P. O. T. STA. 1666+30.42



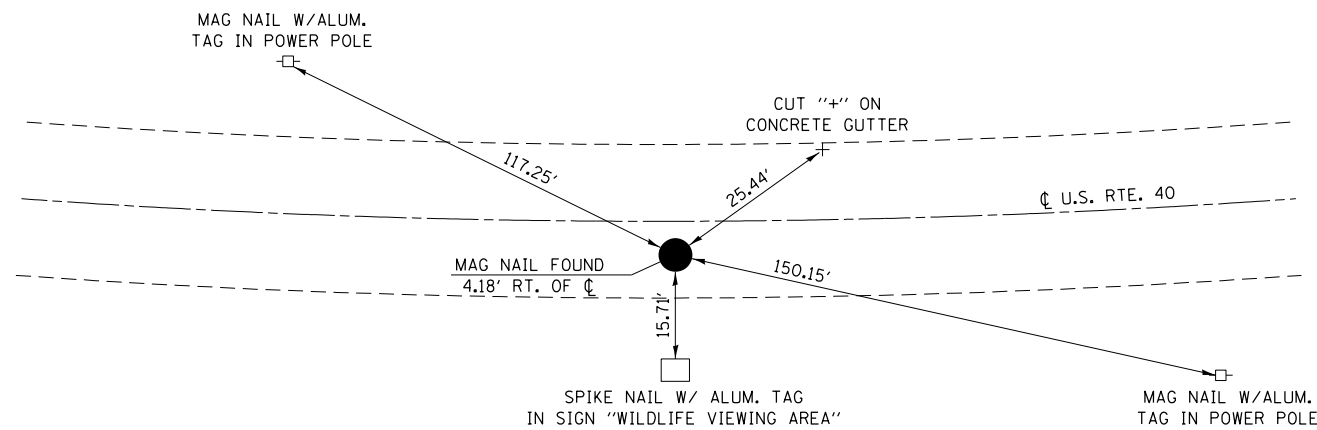
NOT DRAWN TO SCALE

P. C. STA. 1672+38.71



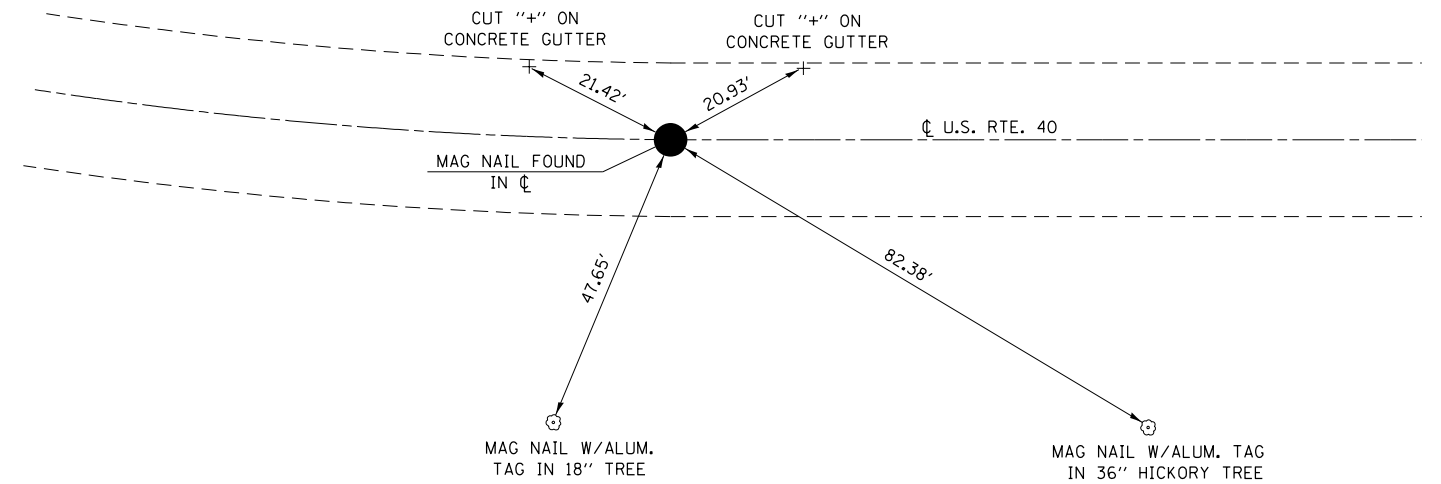
NOT DRAWN TO SCALE

P. I. STA. 1676+86.90



NOT DRAWN TO SCALE

P. T. STA. 1681+34.99



NOT DRAWN TO SCALE

FILE NAME =	USER NAME = steffennk	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG\illinois.gov\PI\DOT\Documents\DOT Offices\District 7\Projects\74408\Drawings\CAB\sheets\d774408-sh-t-tiepoints		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/17/2016	DATE -	REVISED -

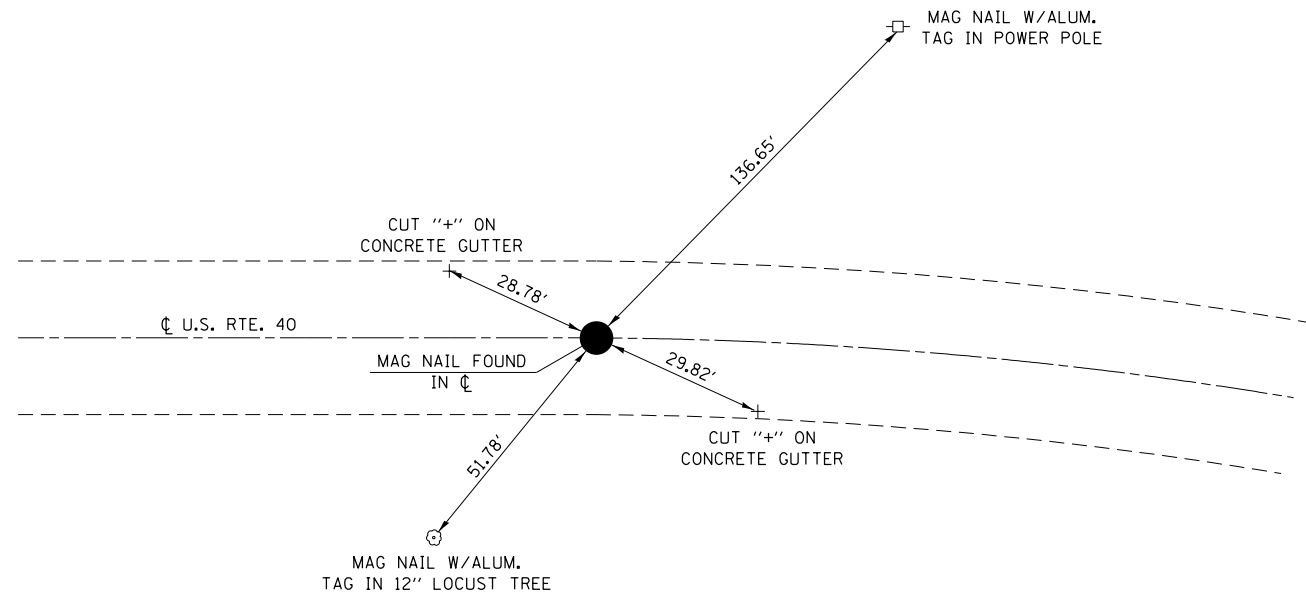
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TIE POINTS

SCALE: NA SHEET NO. 1 OF 2 SHEETS STA. TO STA.

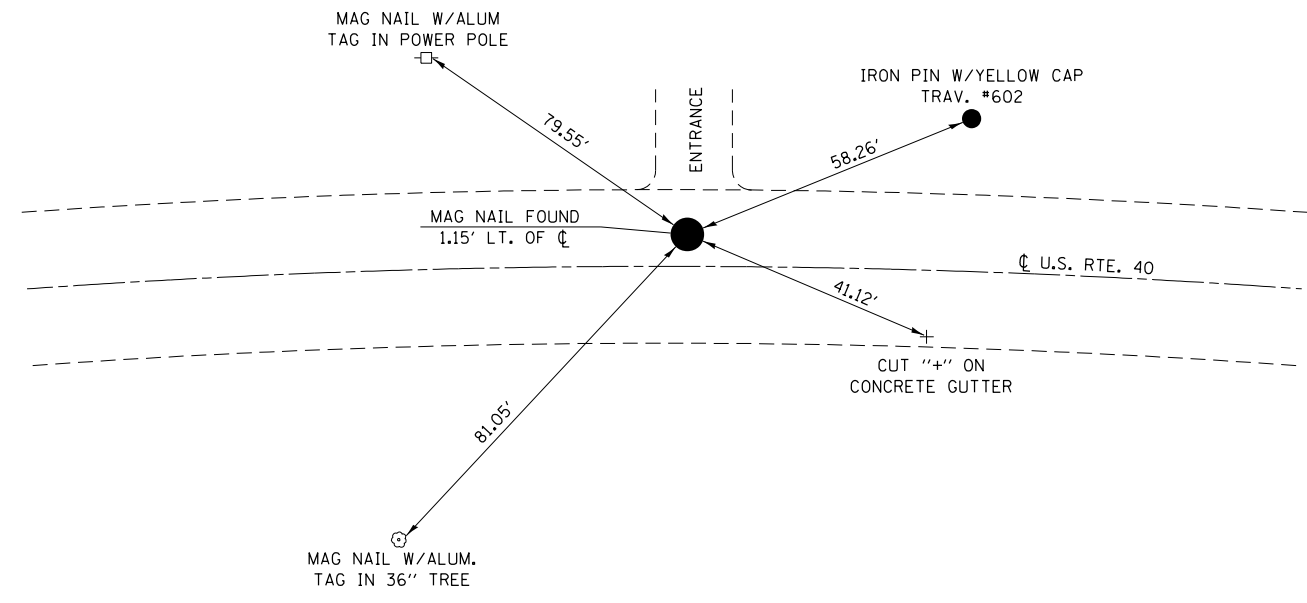
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2796	21RS-5	EFFINGHAM	29	12
CONTRACT NO. 74408				
ILLINOIS FED. AID PROJECT				

P. C. STA. 1689+61.18



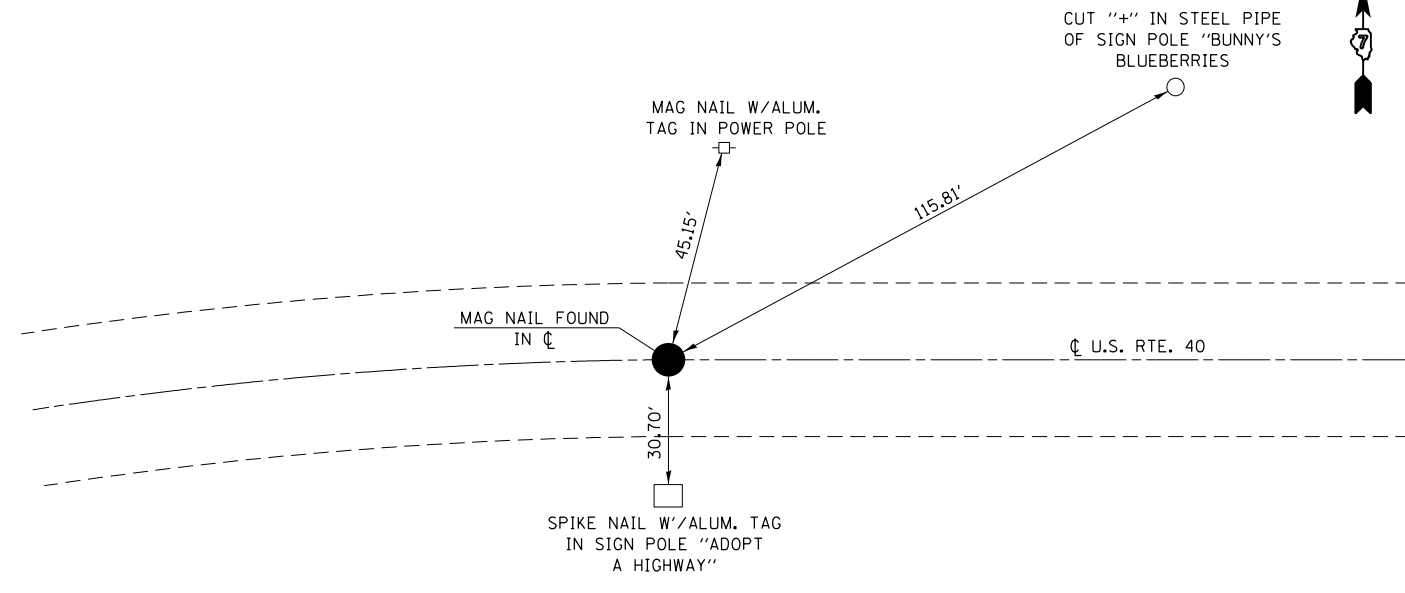
NOT DRAWN TO SCALE

P. I. STA. 1694+13.70



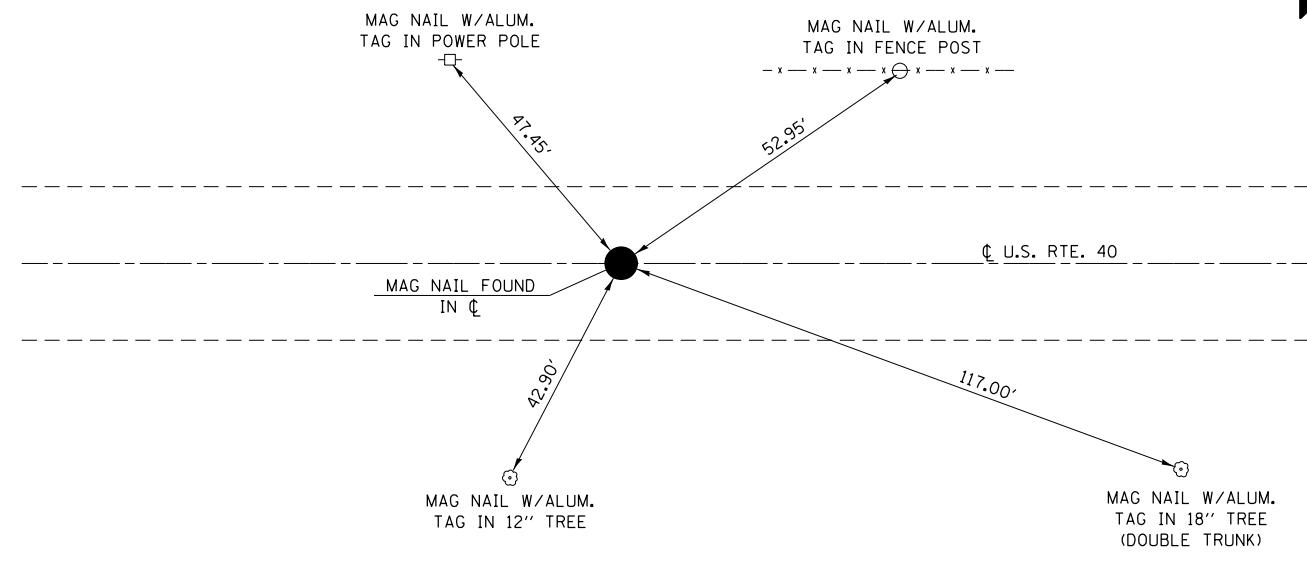
NOT DRAWN TO SCALE

P. T. STA. 1698+66.21



NOT DRAWN TO SCALE

P. O. T. STA. 1701+72.30



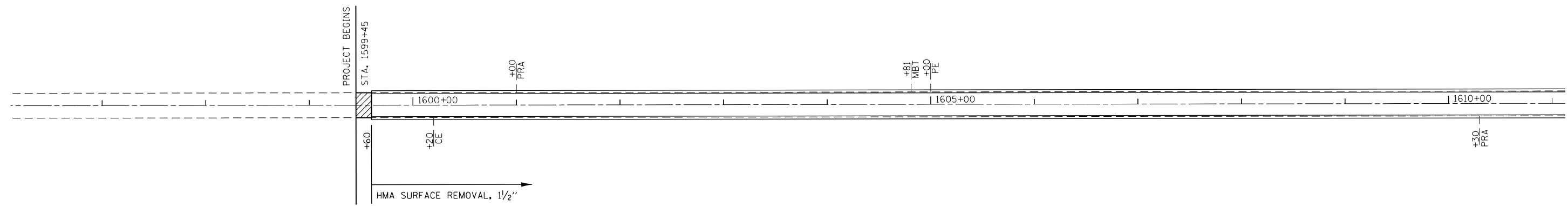
NOT DRAWN TO SCALE


FILE NAME =	USER NAME = steffenk	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG\illinois.gov\PIDOT\Documents\IDOT Offices\District 7\Projects\7448\DRAWING\CABsheets\d774408-sh-t-tiepoints		REVISION	REVISION
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/17/2016	DATE -	REVISED -


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

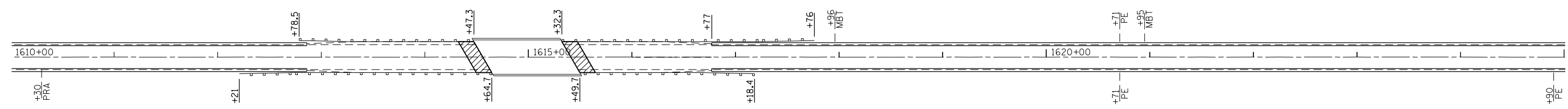
TIE POINTS			
SCALE: NA	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2796	21RS-5	EFFINGHAM	29	13
CONTRACT NO. 74408				
ILLINOIS FED. AID PROJECT				




HMA SURFACE REMOVAL-BUTT JOINT 

MILLING TRANSITION 



HMA SURFACE REMOVAL-BUTT JOINT 

MILLING TRANSITION 

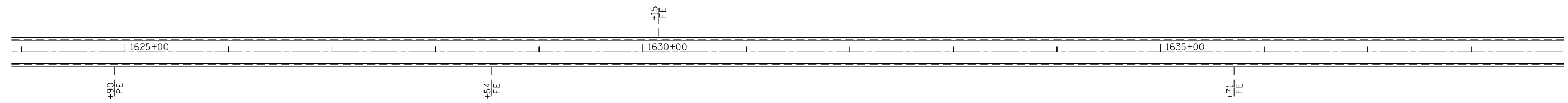
FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
p:\11\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\74408\Drawings\CABsheets\d774408-sht-plan.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 3/17/2016	DATE -	REVISED -


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**


**PLAN SHEET**

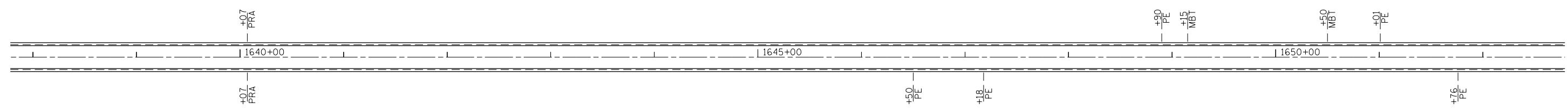
SCALE: 50      SHEET NO. 1 OF 11 SHEETS      STA. 1599+45 TO STA. 1625+00


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2796	21RS-5	EFFINGHAM	29	14
<b>CONTRACT NO. 74408</b>				
ILLINOIS FED. AID PROJECT				




HMA SURFACE REMOVAL-BUTT JOINT 

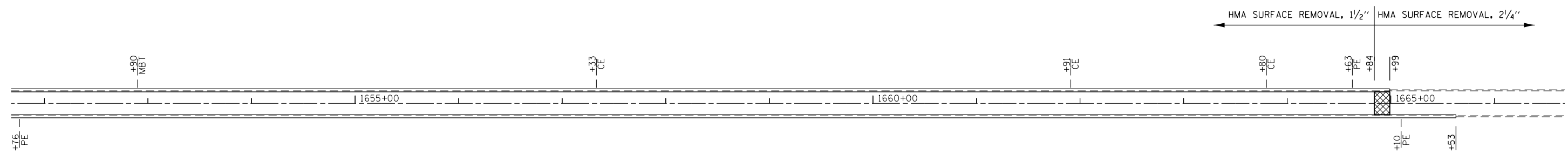
MILLING TRANSITION 





HMA SURFACE REMOVAL-BUTT JOINT 

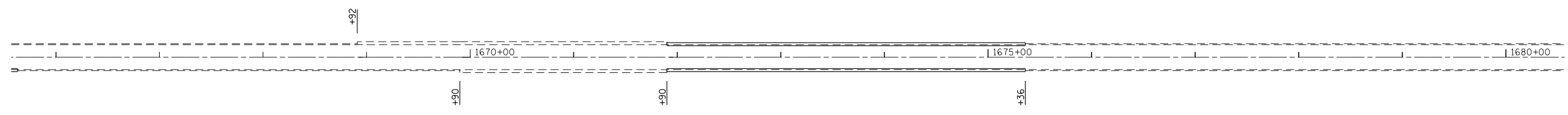
MILLING TRANSITION 


FILE NAME = p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\7448\Drawings\CABsheets\d774408-sht-plan.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEET</b>			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -		2796	21RS-5	EFFINGHAM	29	15			
PLOT DATE = 3/17/2016	DATE -	REVISED -	SCALE: 50		SHEET NO. 2 OF 11 SHEETS	STA. 1625+00 TO STA. 1652+00	<b>CONTRACT NO. 74408</b>					
ILLINOIS FED. AID PROJECT												




HMA SURFACE REMOVAL-BUTT JOINT 

MILLING TRANSITION 



HMA SURFACE REMOVAL-BUTT JOINT 

MILLING TRANSITION 

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
p:\11\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 7\Projects\74408\Drawings\CABsheets\d774408-sht-plan.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/17/2016	DATE -	REVISED -

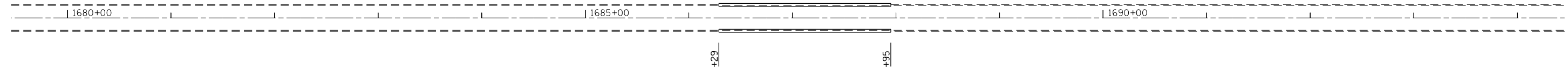
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**


**PLAN SHEET**


SCALE: 50      SHEET NO. 3 OF 11 SHEETS      STA. 1652+00 TO STA. 16+80+00

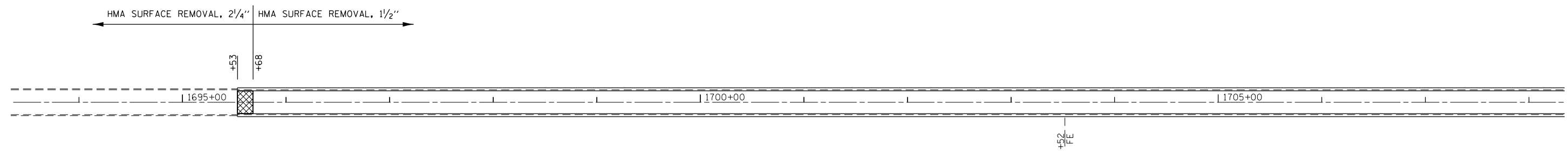
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2796	21RS-5	EFFINGHAM	29	16
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74408	







HMA SURFACE REMOVAL-BUTT JOINT 

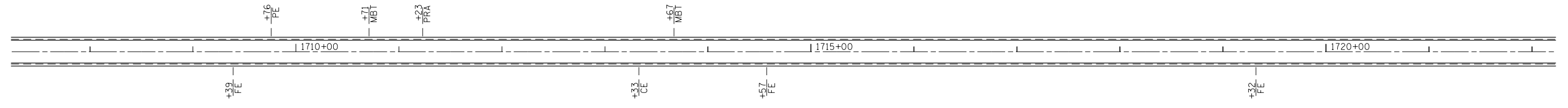
MILLING TRANSITION 





HMA SURFACE REMOVAL-BUTT JOINT 

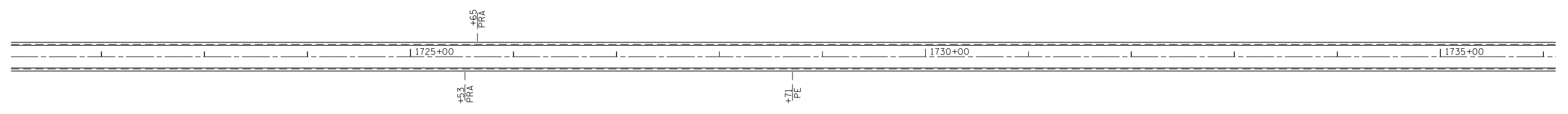
MILLING TRANSITION 


FILE NAME = p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\74408\Drawings\CABsheets\d774408-sht-plan.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEET</b>			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		2796	21RS-5	EFFINGHAM	29	17			
PLOT DATE = 3/17/2016	DATE -	REVISED -	REVISED -		SCALE: 50	SHEET NO. 4 OF 11 SHEETS	STA. 1680+00 TO STA. 1708+00	CONTRACT NO. 74408				
							ILLINOIS FED. AID PROJECT					




HMA SURFACE REMOVAL-BUTT JOINT 

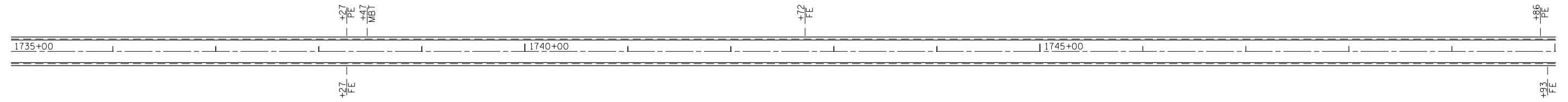
MILLING TRANSITION 





HMA SURFACE REMOVAL-BUTT JOINT 

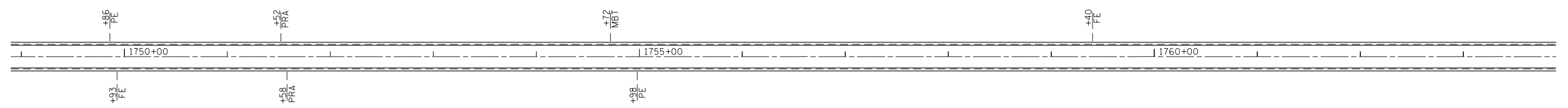
MILLING TRANSITION 


FILE NAME =	USER NAME = steffenk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEET</b>			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\74408\Drawings\CABsheets\d774408-sht-plan.dgn		DRAWN -	REVISED -		2796	21RS-5	EFFINGHAM	29	18	<b>CONTRACT NO. 74408</b>		
PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -		SCALE: 50	SHEET NO. 5 OF 11 SHEETS	STA. 1708+00 TO STA. 1735+00	ILLINOIS FED. AID PROJECT				
PLOT DATE = 3/17/2016		DATE -	REVISED -									




HMA SURFACE REMOVAL-BUTT JOINT 

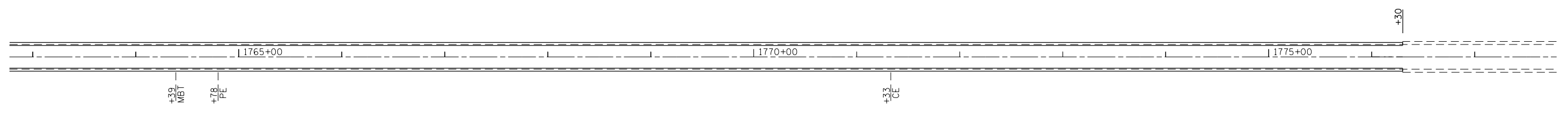
MILLING TRANSITION 





HMA SURFACE REMOVAL-BUTT JOINT 

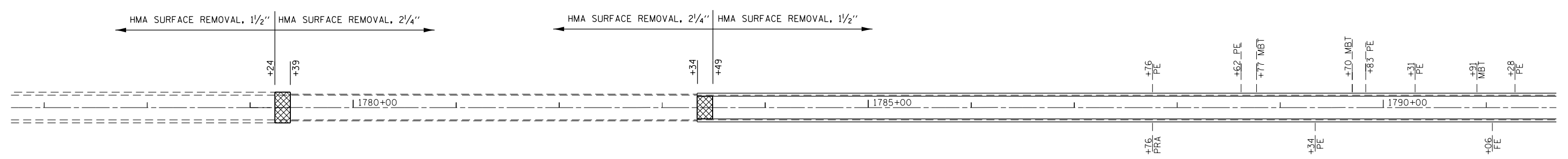
MILLING TRANSITION 


FILE NAME = p:\11\084EBIDINTEG.illinois.gov\PWIDOT\Documents\IDOT Offices\District 7\Projects\74408\Drawings\CABsheets\d774408-sht-plan.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEET</b>			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -		2796	21RS-5	EFFINGHAM	29	19			
PLOT DATE = 3/17/2016	DATE -	REVISED -	REVISED -		SCALE: 50      SHEET NO. 6 OF 11 SHEETS      STA. 1735+00 TO STA. 1763+00			CONTRACT NO. 74408		ILLINOIS FED. AID PROJECT		




HMA SURFACE REMOVAL-BUTT JOINT 

MILLING TRANSITION 



HMA SURFACE REMOVAL-BUTT JOINT 

MILLING TRANSITION 

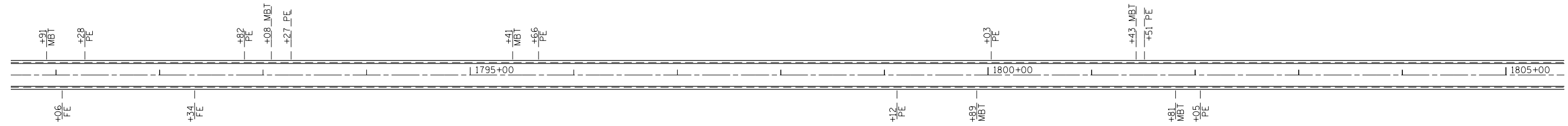
FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
p:\11\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\74408\Drawings\CABsheets\d774408-sht-plan.dgn		CHECKED -	REVISED -
	PLOT SCALE = 100.0000' / 1in.	DATE -	REVISED -
	PLOT DATE = 3/17/2016		


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**


**PLAN SHEET**

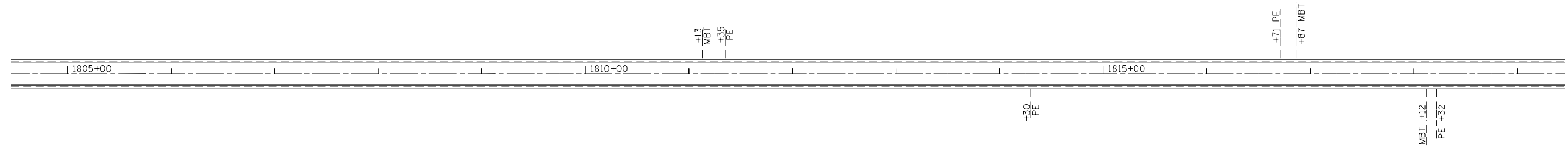
SCALE: 50      SHEET NO. 7 OF 11 SHEETS      STA. 1763+00 TO STA. 1791+00


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2796	21RS-5	EFFINGHAM	29	20
CONTRACT NO. 74408			ILLINOIS FED. AID PROJECT	




HMA SURFACE REMOVAL-BUTT JOINT 

MILLING TRANSITION 



HMA SURFACE REMOVAL-BUTT JOINT 

MILLING TRANSITION 

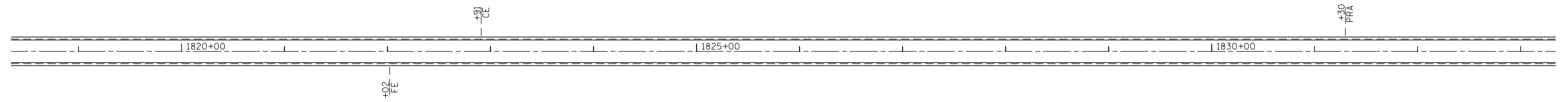
FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
p:\11\084EBIDINTEG.illinois.gov\PWIDOT\Documents\IDOT Offices\District 7\Projects\7448\Drawings\CABsheets\d774408-sht-plan.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 3/17/2016	DATE -	REVISED -


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**


**PLAN SHEET**

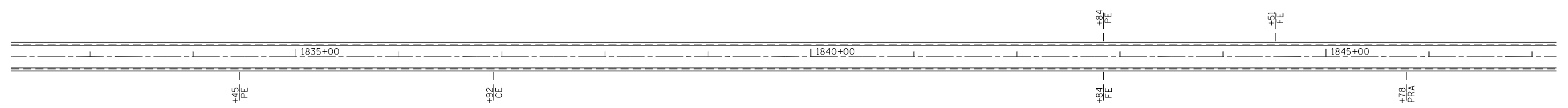
SCALE: 50      SHEET NO. 8 OF 11 SHEETS      STA. 1791+00 TO STA. 1819+00


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2796	21RS-5	EFFINGHAM	29	21
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74408	




HMA SURFACE REMOVAL-BUTT JOINT 

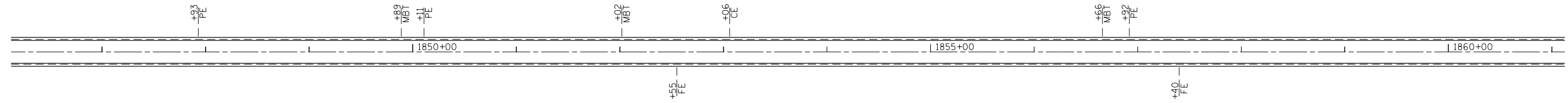
MILLING TRANSITION 



HMA SURFACE REMOVAL-BUTT JOINT 

MILLING TRANSITION 

FILE NAME = p:\11\084EBIDINTEG.illinois.gov\PWIDOT\Documents\IDOT Offices\District 7\Projects\74408\Drawings\CABsheets\d774408-sht-plan.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEET</b>			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -		2796	21RS-5	EFFINGHAM	29	22			
PLOT DATE = 3/17/2016	DATE -	REVISED -	SCALE: 50		SHEET NO. 9 OF 11 SHEETS	STA. 1819+00 TO STA. 1847+00	<b>CONTRACT NO. 74408</b>					
ILLINOIS FED. AID PROJECT												



HMA SURFACE REMOVAL-BUTT JOINT 

MILLING TRANSITION 



HMA SURFACE REMOVAL-BUTT JOINT 

MILLING TRANSITION 

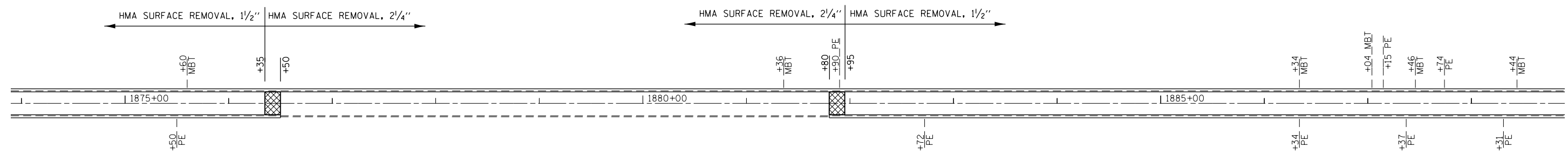
FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
p:\11\084EBIDINTEG.illinois.gov\PI\DOT\Documents\IDOT Offices\District 7\Projects\7448\Drawings\CABsheets\d774408-sht-plan.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 3/17/2016	DATE -	REVISED -


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**


**PLAN SHEET**

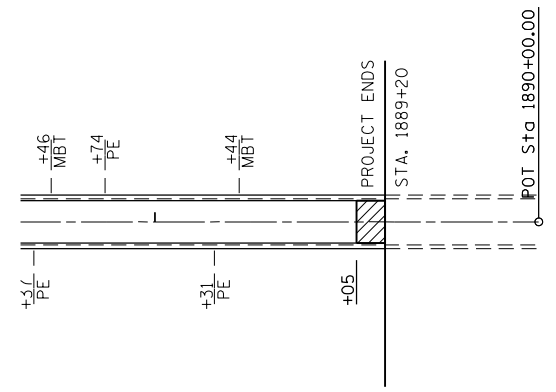
SCALE: 50      SHEET NO. 10 OF 11 SHEETS      STA. 1847+00 TO STA. 1874+00


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2796	21RS-5	EFFINGHAM	29	23
ILLINOIS FED. AID PROJECT				<b>CONTRACT NO. 74408</b>




HMA SURFACE REMOVAL-BUTT JOINT 

MILLING TRANSITION 



HMA SURFACE REMOVAL-BUTT JOINT 

MILLING TRANSITION 



FILE NAME =	USER NAME = steffennk	DESIGNED -	REVISED -
p:\11\084EBIDINTEG.illinois.gov\PWIDOT\Documents\IDOT_Offices\District_7\Projects\74408\Drawings\CABsheets\d774408-sht-plan.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/17/2016	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET		
SCALE: 50	SHEET NO. 11 OF 11 SHEETS	STA. 1874+00 TO STA. 1889+20

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2796	21RS-5	EFFINGHAM	29	24
CONTRACT NO. 74408				
ILLINOIS FED. AID PROJECT				



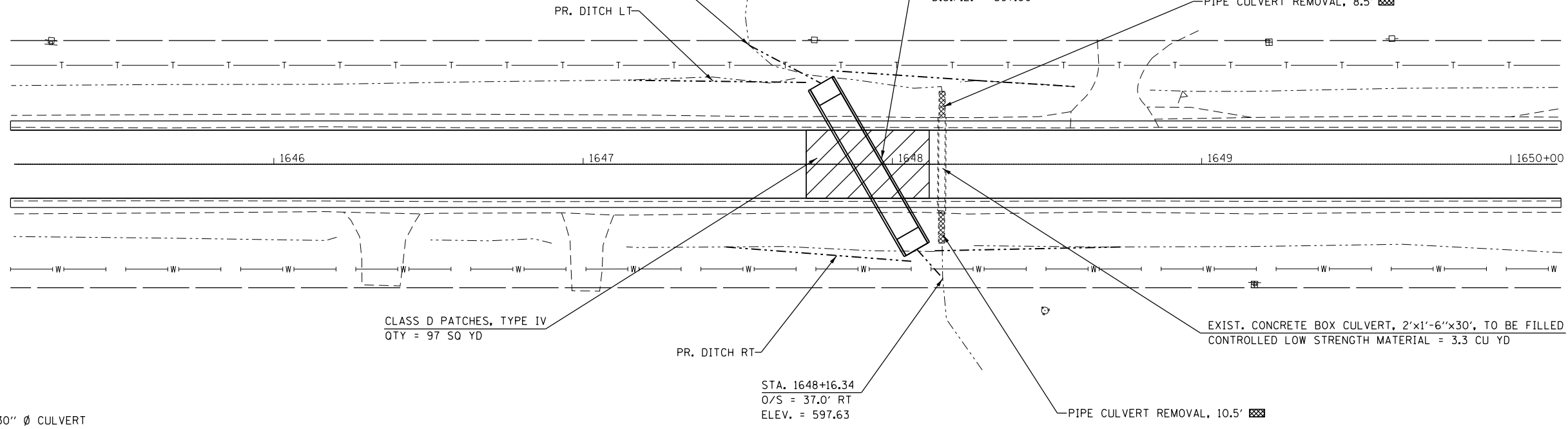
S.N. 025-8668

BM 502:  
 STA. 1686+80  
 O/S = 23.3' RT  
 ELEV. = 570.8889  
 CUT [ ] ON S.W. WINGWALL OF S.N. 025-2008

STA. 1647+53.74  
 O/S = 38.4' LT  
 ELEV. = 598.86

PRECAST CONCRETE BOX CULVERTS 8'x2'  
 STA. 1647+92  
 LENGTH = 50.0'  
 SCEW = 30°, RT  
 BOX CULVERT END SECTIONS,  
 CULVERT NO. 1 = 2 EACH  
 U.S.F.L. = 598.22  
 D.S.F.L. = 597.60

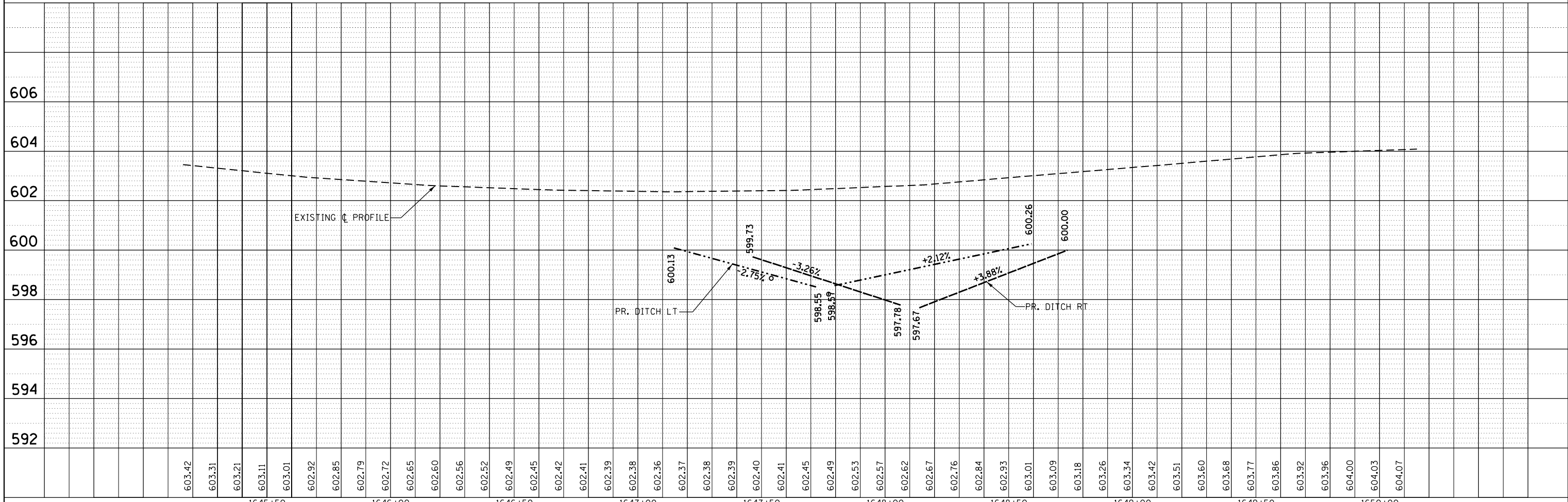
REMOVAL AND DISPOSAL OF UNSUITABLE  
 MATERIAL = 35 CU YD  
 ROCK FILL-REPLACEMENT = 35 CU YD  
 POROUS GRANULAR EMBANKMENT = 72 CU YD



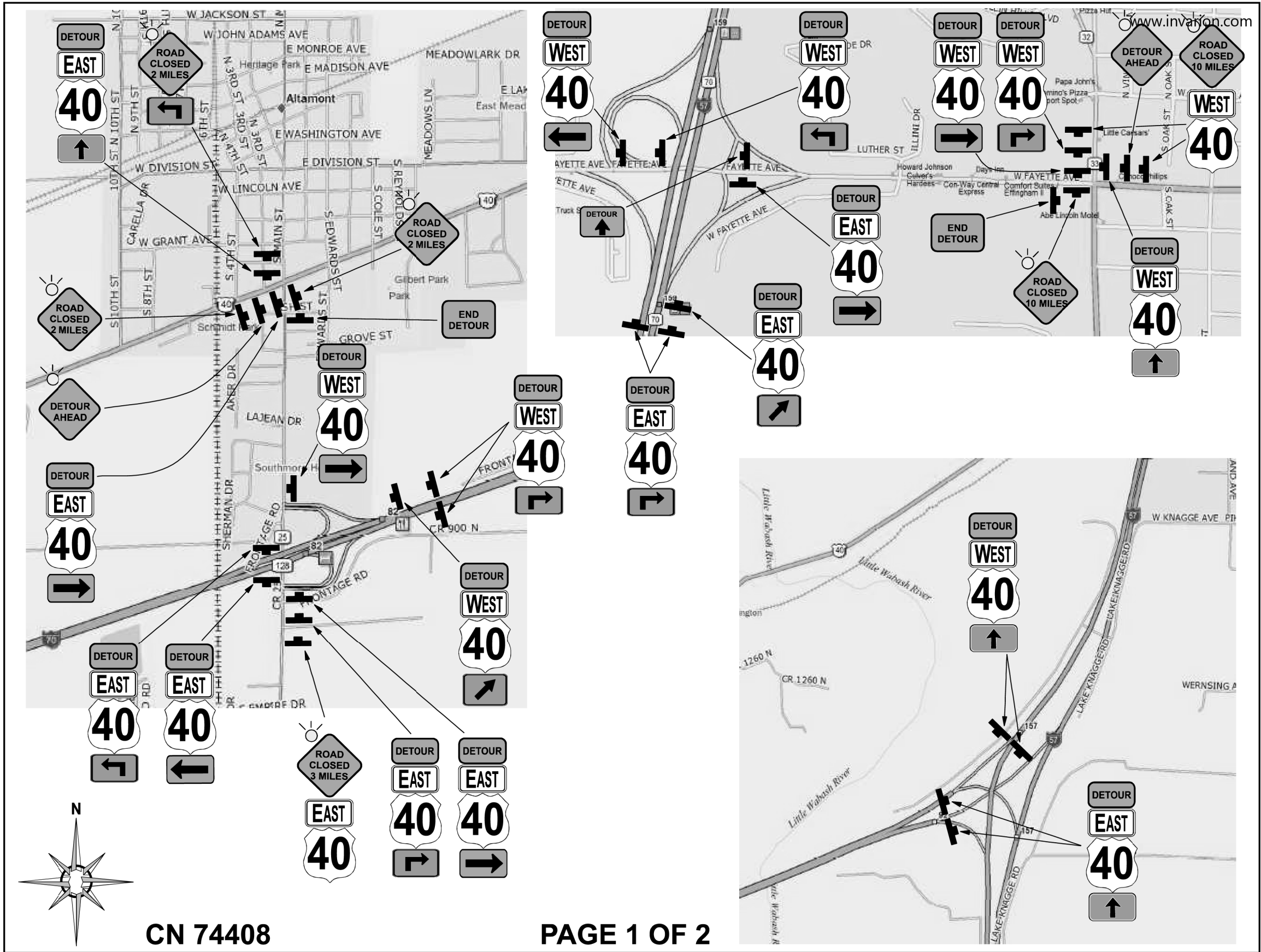
BM 503:  
 STA. 1654+97  
 O/S = 20.3' LT  
 ELEV. = 595.6557  
 CUT [ ] ON N. HEADWALL OF 30" Ø CULVERT

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILED		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES		
	CHECKED		
	STRUCTURE		
	NOTATIONS		
	CHKD		
	NO.		



FILE NAME =	USER NAME = hirtzelk1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>BOX CULVERT PLAN SHEET</b>				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default		CHECKED -	REVISED -		SCALE: 20	SHEET 1	OF 1	SHEETS	2796	21RS-5	Effingham	29	24A
		DATE -	REVISED -		STA. 1645+16	TO STA. 1650+15			CONTRACT NO. 74408				
					ILLINOIS FED. AID PROJECT								






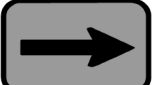











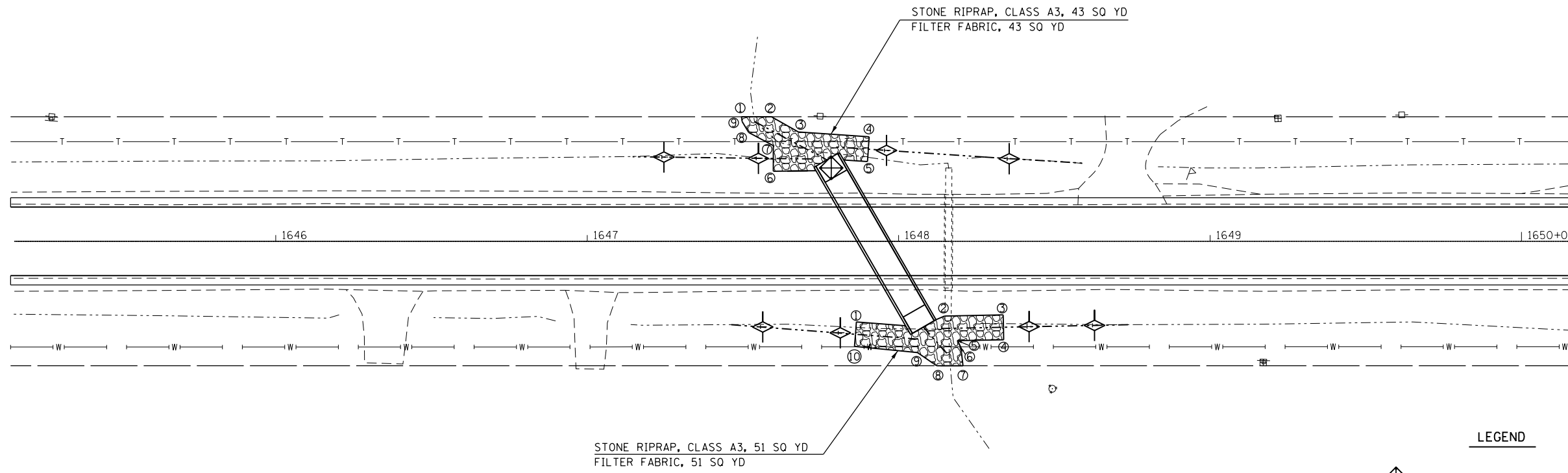
CN 74408

PAGE 1 OF 2




FILE NAME =	USER NAME = hirtzelk1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETOUR SIGNING</b>			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\DOT Offices\District 7\Projects\74408\Drawings\CAD\Sheets\74408-sh1-DetourSigning.dwg		CHECKED -	REVISED -		SCALE: N/A	SHEET 1	OF 2 SHEETS	STA.	2796	21RS-5	Effingham	29	24B
Default		DATE -	REVISED -					TO STA.				CONTRACT NO. 74408	
											ILLINOIS FED. AID PROJECT		

# SIGN LEGEND

 W20-3-48	 M6-3(O)-3018	 M5-1L(O)-3018	 M3-2-3015
 W20-3-48	 M6-1R(O)-3018	 M4-8-2412	 M3-4-3015
 W20-3-48	 M6-1L(O)-3018	 M4-8a(O)-3024	 M1-4-36
 W20-2-48	 M5-1R(O)-3018	 M4-9-3024	<p><b>CN 74408</b></p> <p><b>PAGE 2 OF 2</b></p>



**LEGEND**

-  INLET AND PIPE PROTECTION
-  TEMPORARY DITCH CHECKS
-  STONE RIPRAP, CLASS A3

**RIPRAP LAYOUT**

NO.	LT		RT	
	STATION	OFFSET	STATION	OFFSET
1	1647+49.5	40.0	1647+86.4	25.9
2	1647+59.1	40.0	1648+14.7	24.0
3	1647+67.8	35.1	1648+33.6	23.6
4	1647+90.5	33.6	1648+33.7	31.6
5	1647+90.0	25.6	1648+18.9	31.9
6	1647+59.8	22.6	1648+20.0	34.1
7	1647+59.8	30.7	1648+20.6	40.0
8	1647+51.9	34.9	1648+12.2	40.0
9	1647+49.7	38.4	1648+06.4	35.8
10	-	-	1647+85.8	33.8

**SEEDING**

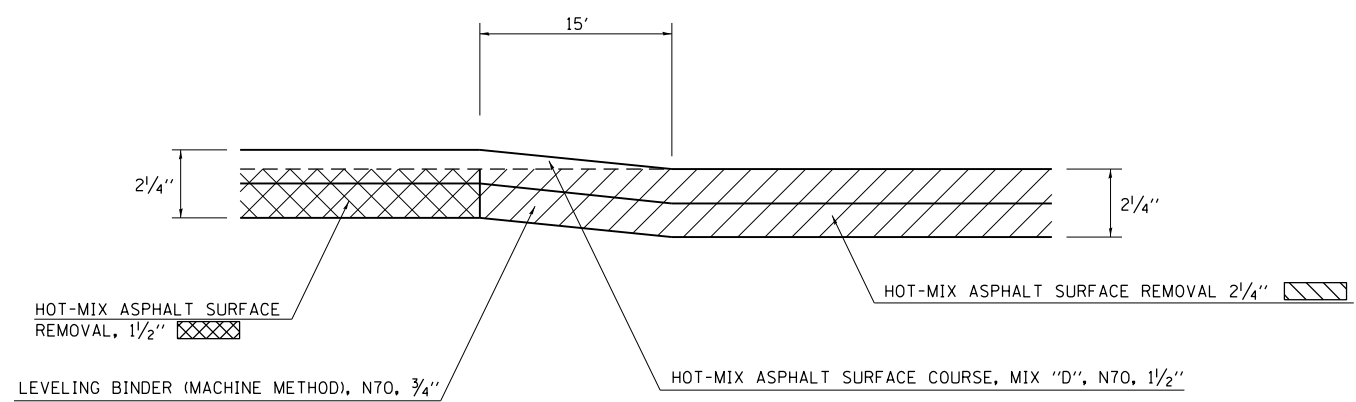
STATIONING			TEMPORARY EROSION CONTROL SEEDING ( POUND )	SEEDING, CLASS 2 ( SPECIAL ) ( ACRE )
FROM	TO	SIDE		
1647+00	1648+80	LT	13	0.06
1647+00	1648+80	RT	10	0.05
<b>TOTALS:</b>			23	0.11

**TEMPORARY DITCH CHECKS**

STATION	SIDE	QUANTITY FOOT
1647+25	LT	14
1647+55	LT	14
1647+56	RT	14
1647+81	RT	14
1647+96	LT	14
1648+36	LT	14
1648+43	RT	14
1648+63	RT	14
<b>TOTAL =</b>		112

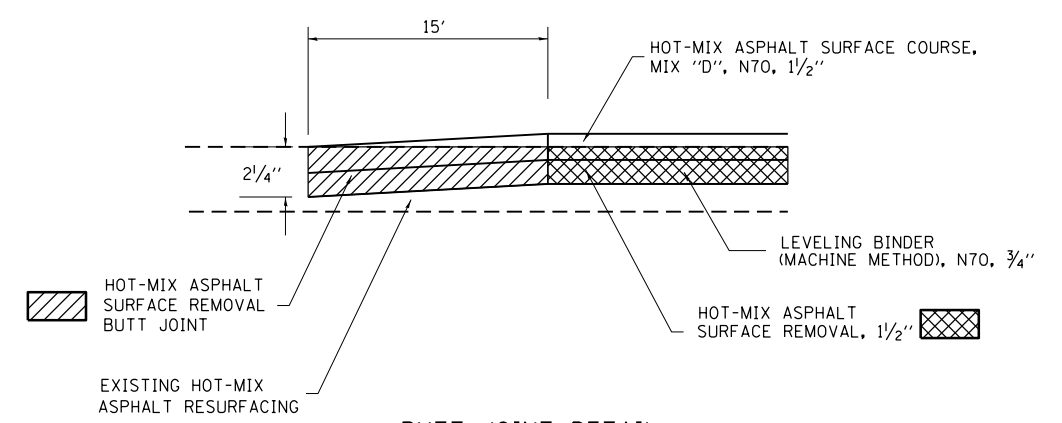
**INLET AND PIPE PROTECTION**

STATION	SIDE	QUANTITY EACH
1647+77	LT	1
<b>TOTAL =</b>		1



**MILLING TRANSITION DETAIL**

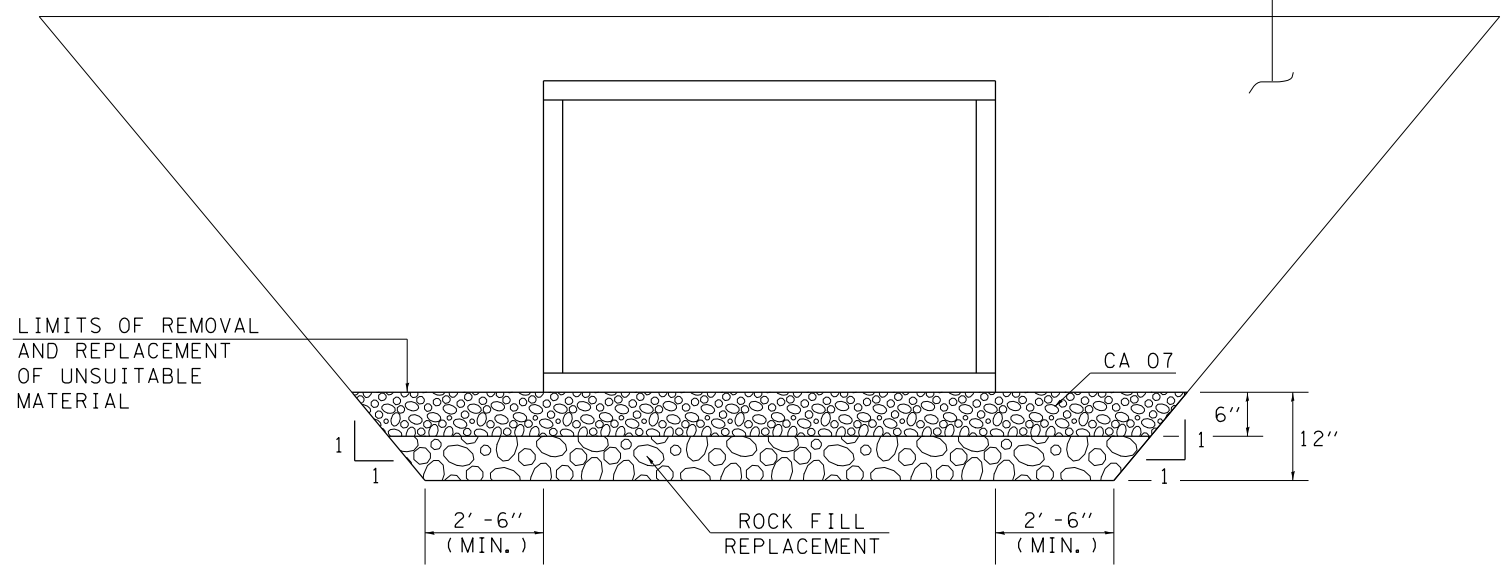
STA. 1664+84	TO	STA. 1664+99
STA. 1695+53	TO	STA. 1695+68
STA. 1779+24	TO	STA. 1779+39
STA. 1783+34	TO	STA. 1783+49
STA. 1876+35	TO	STA. 1876+50
STA. 1881+80	TO	STA. 1881+95



**BUTT JOINT DETAIL**

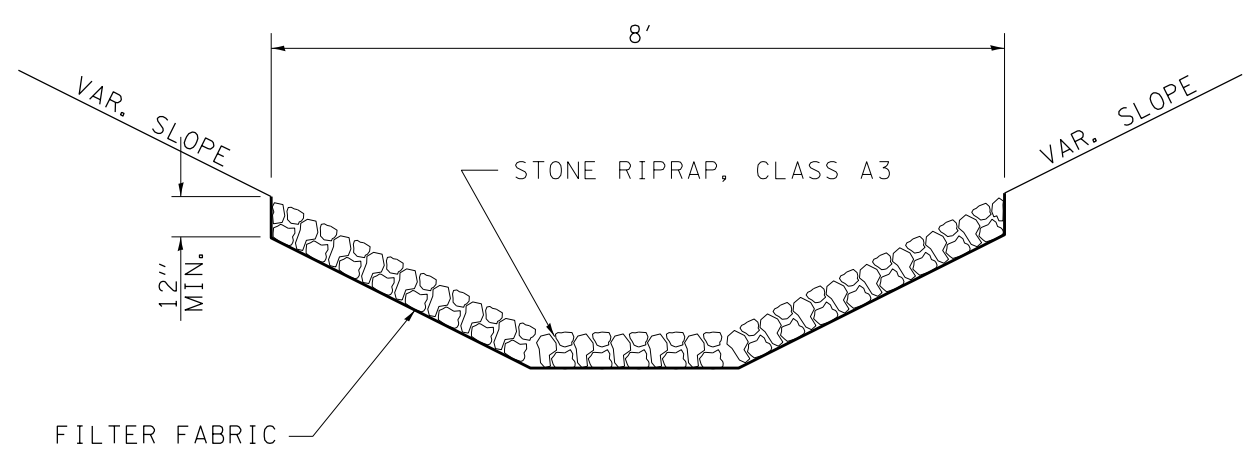
STA. 1599+45	TO	STA. 1599+60
STA. 1614+41	TO	STA. 1614+56
STA. 1615+41	TO	STA. 1615+56
STA. 1889+05	TO	STA. 1889+20

POROUS GRANULAR BACKFILL WITHIN LIMITS OF PROPOSED ROADWAY AND PAVED SHOULDERS. OUTSIDE LIMITS OF PAVED SHOULDERS THE CULVERT SHALL BE BACKFILLED IN ACCORDANCE WITH SECTION 502 OF THE STANDARD SPECIFICATIONS.

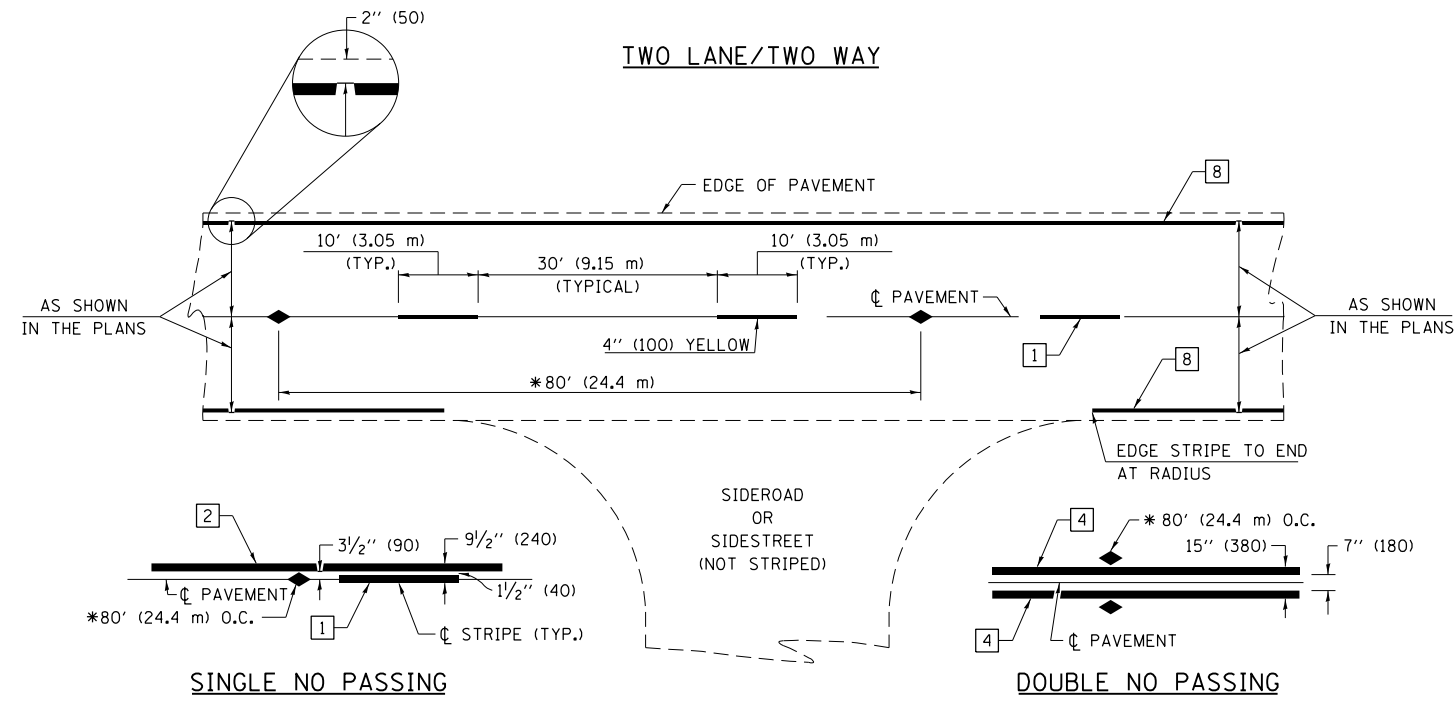


**CULVERT UNDERCUT DETAIL**

**NOTE:**  
THE LIMITS AND QUANTITIES SHOWN ARE ESTIMATED. THE FINAL DEPTH OF UNDERCUT WILL BE DETERMINED BY THE ENGINEER AT THE TIME OF CONSTRUCTION.



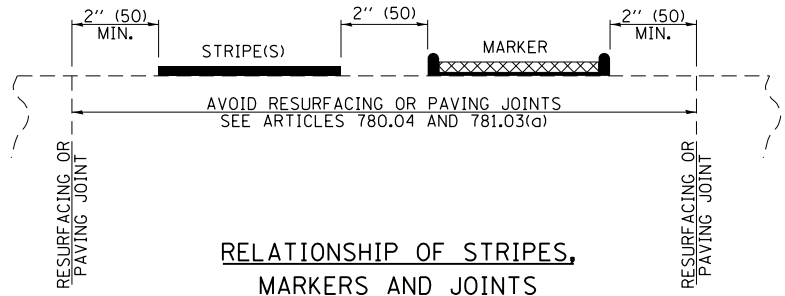
**DETAIL OF RIPRAP, CLASS A3**



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 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) 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) PARKING WHITE

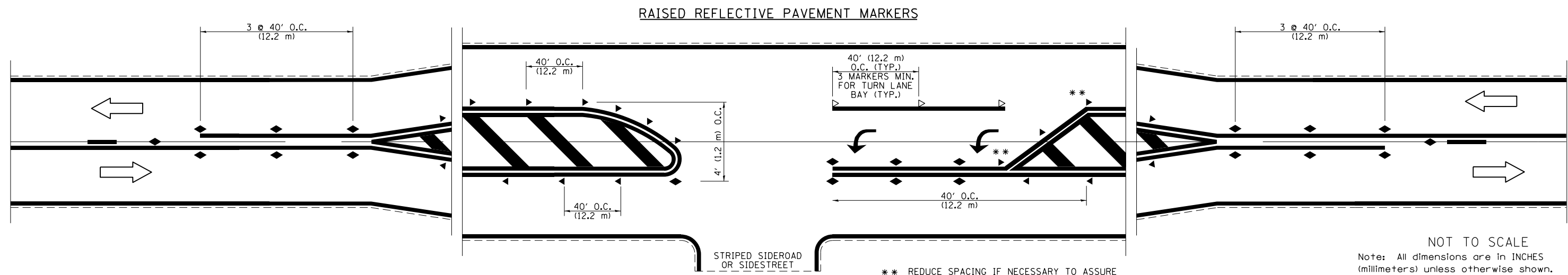
\* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.



RELATIONSHIP OF STRIPES, MARKERS AND JOINTS

TYPICAL PAVEMENT MARKERS LEGEND

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



RAISED REFLECTIVE PAVEMENT MARKERS

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

NOT TO SCALE  
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

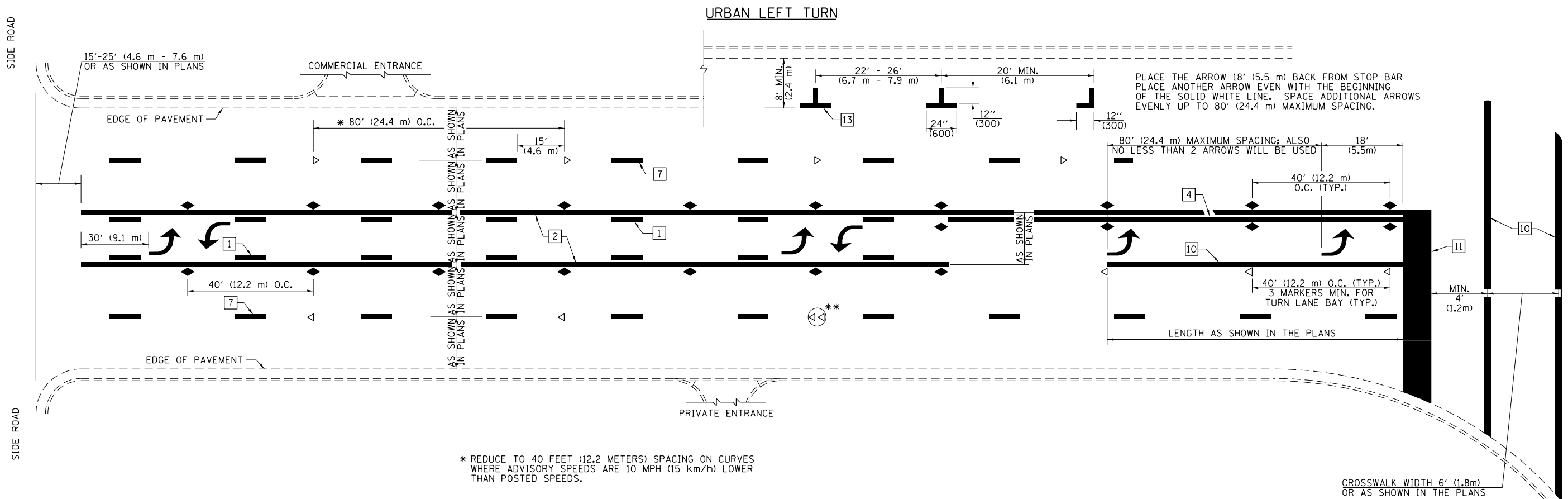
FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 7\Projects\74408\Drawings\CABsheets\d774408-shd-details.dwg		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS  
(RURAL & URBAN APPLICATIONS)

SCALE: N/A SHEET NO. 1 OF 4 SHEETS STA. TO STA.

DISTRICT 7 DETAIL NO. 78000001				
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2796	21RS-5	EFFINGHAM	29	26
			CONTRACT NO. 74408	
ILLINOIS FED. AID PROJECT				



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

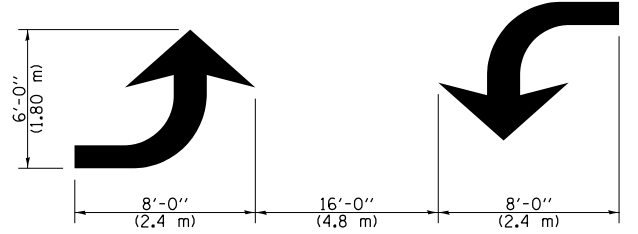
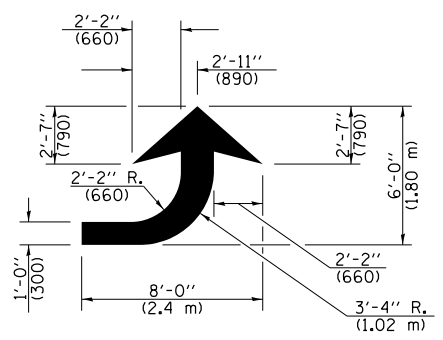
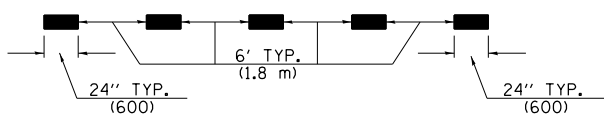
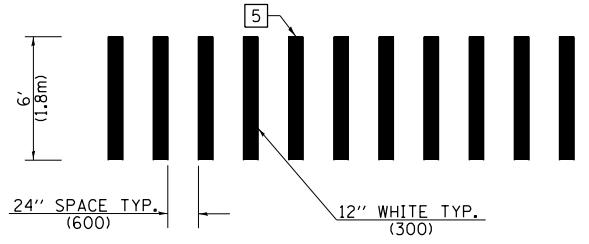
\*\* DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

**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 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) 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) PARKING WHITE

**GENERAL NOTES**

1. 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. USE A MINIMUM OF TWO PAIRS PER BLOCK.
2. 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.
3. 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.
4. USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)
5. LANE LINE EXTENSIONS SHALL BE THE SAME COLOR AND WIDTH AS THE LANE LINE BEING EXTENDED.



**LANE LINE EXTENSIONS**

**LEFT ARROW**

REVERSE FOR RIGHT ARROW  
AREA = 15.6 SQ. FT. (1.47 m<sup>2</sup>)  
(WHITE)

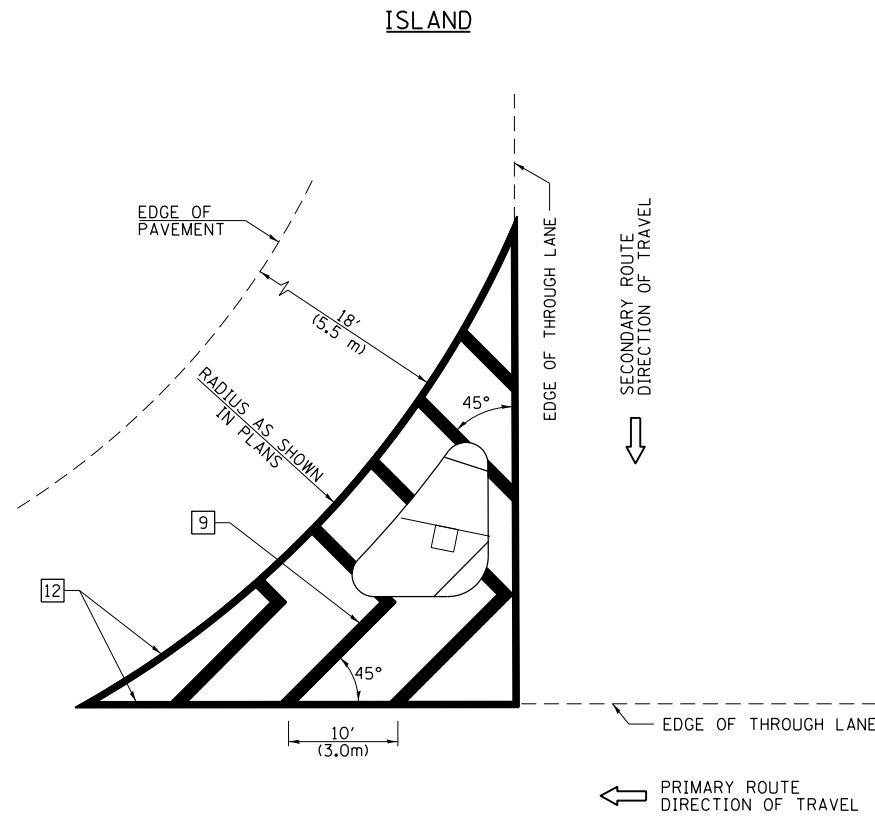
**TYPICAL DOUBLE TURN ARROWS (WHITE)**

NOT TO SCALE

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

**DISTRICT 7 DETAIL NO. 78000001**

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL &amp; URBAN APPLICATIONS)</b>			F.A.S. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\11\084EBIDINTEG.illinois.gov\PWIDOT\Documents\DOT Offices\District 7\Projects\7448\DRAWING\CABsheets\d774408-shd-details.dwg	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -					2796	21RS-5	EFFINGHAM	29	27
PLOT DATE = 3/17/2016	DATE -	REVISED -	REVISED -					CONTRACT NO. 74408				
								ILLINOIS FED. AID PROJECT				
					SCALE: N/A	SHEET NO. 2 OF 4 SHEETS	STA.	TO STA.				

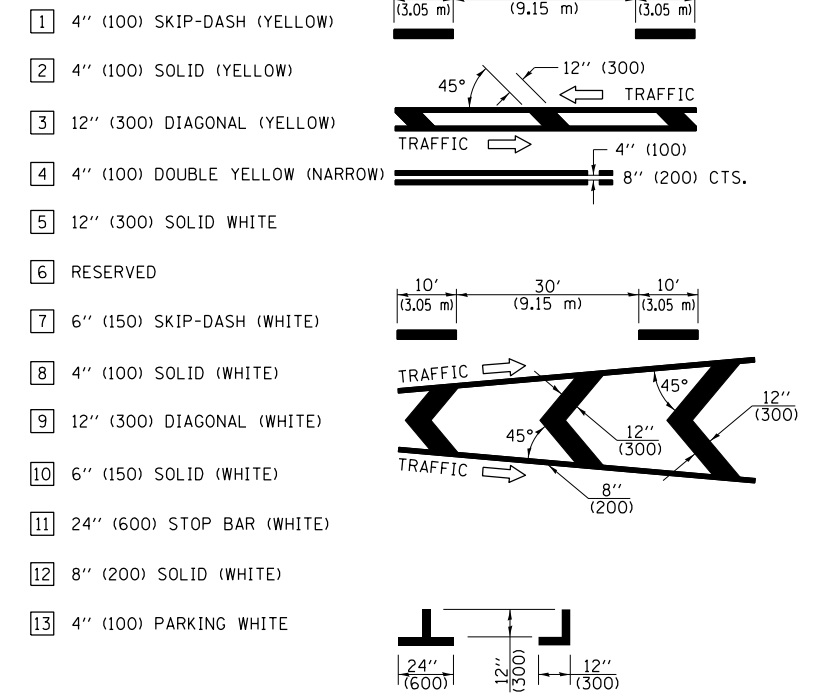


**GENERAL NOTES**

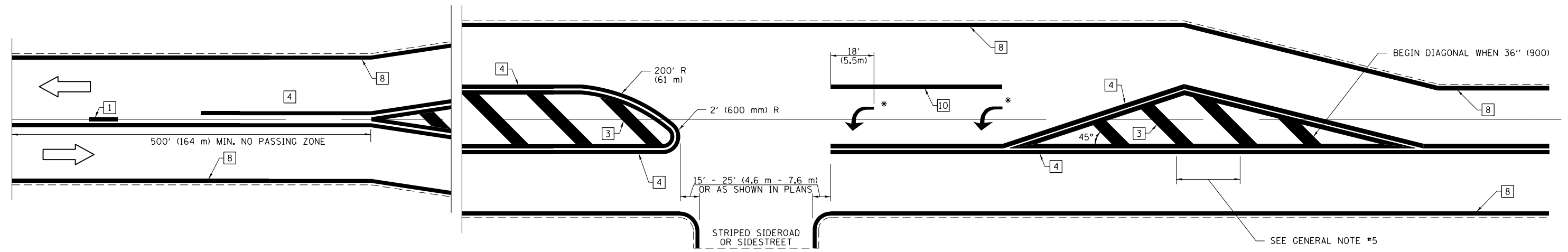
1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH [2] IF PRESENT.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
5. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING:

< 30 MPH (< 50 km/h)	15' (4.5 m)
30-45 MPH (50-75 km/h)	20' (6.0 m)
> 45 MPH (> 75 km/h)	30' (9.0 m)

**PAVEMENT MARKING LEGEND**



**RURAL LEFT TURN STRIPING**



\* PLACE AN ARROW 18' (5.5 m) BACK FROM STOP BAR. PLACE ANOTHER ARROW EVEN WITH THE BEGINNING OF THE SOLID WHITE LINE. SPACE ADDITIONAL ARROWS EVENLY UP TO 80' (24.4 m) MAXIMUM SPACING. USE MINIMUM OF 2 ARROWS.

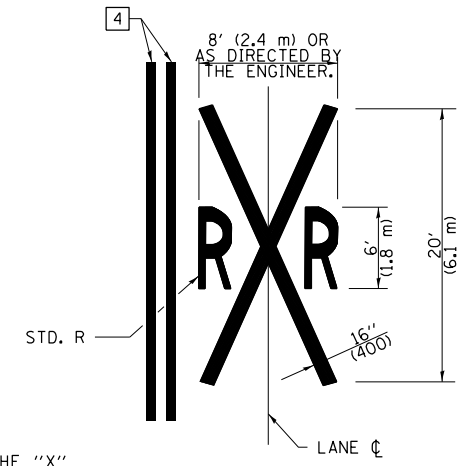
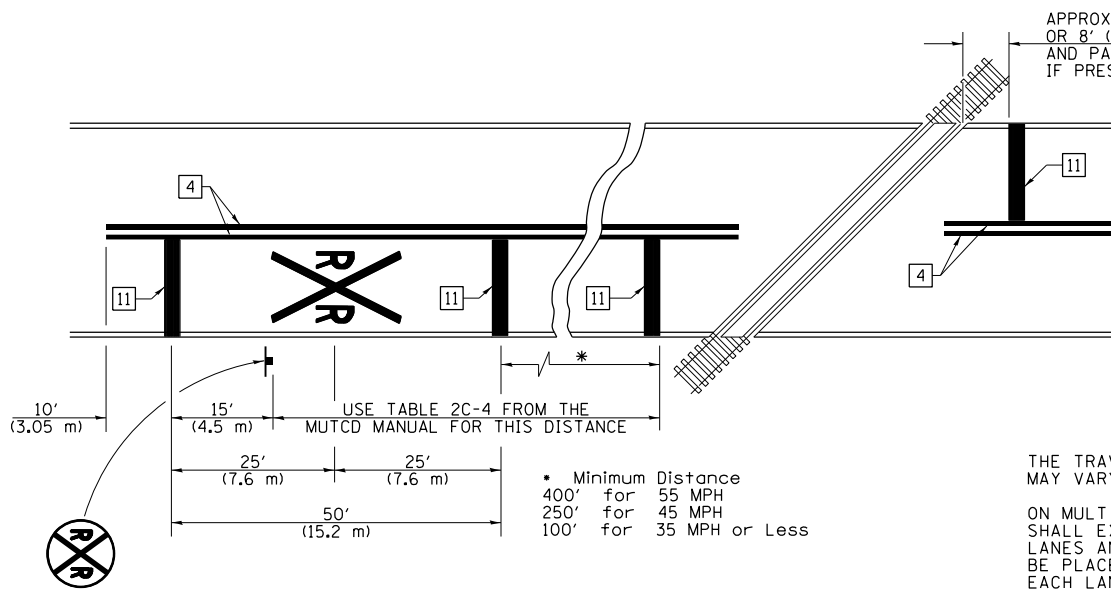
NOT TO SCALE  
 Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

**DISTRICT 7 DETAIL NO. 7800001**

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL &amp; URBAN APPLICATIONS)</b>		F.A.S. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PIDOT\Documents\IDOT Offices\District 7\Projects\74408\Drawings\CABsheets\d774408-sht-details.dwg	DATE = 3/17/2016	CHECKED -	REVISED -				2796	2IRS-5	EFFINGHAM	29	28
PLOT SCALE = 100.0000' / in.	DATE -	REVISOR -	REVISOR -				CONTRACT NO. 74408				
PLOT DATE = 3/17/2016	DATE -	REVISOR -	REVISOR -				ILLINOIS FED. AID PROJECT				



PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING



NOTES

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

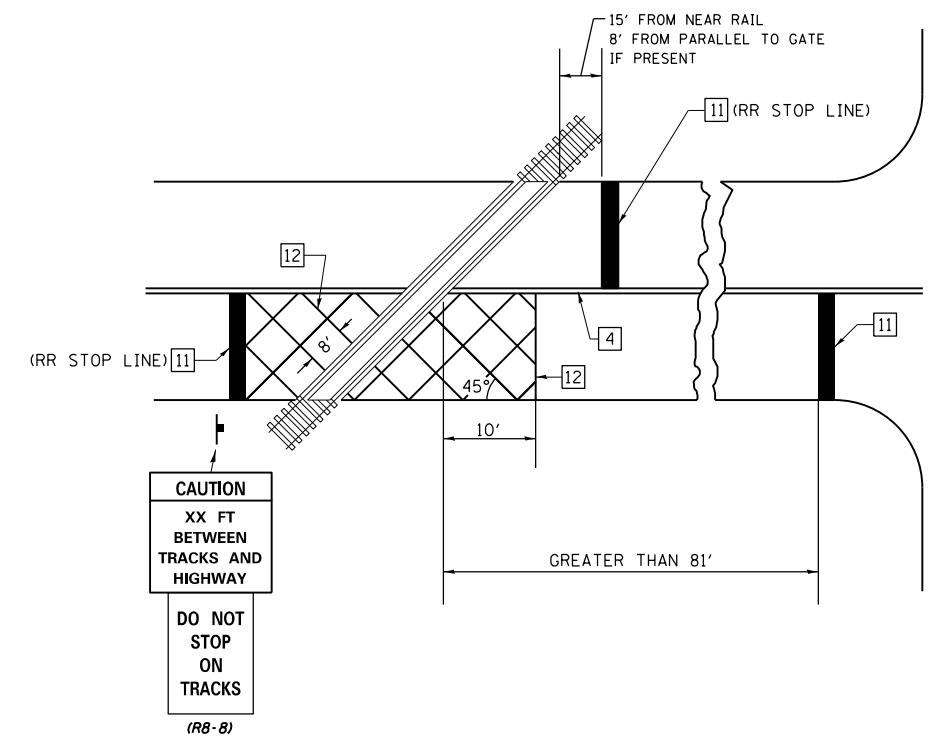
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

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.

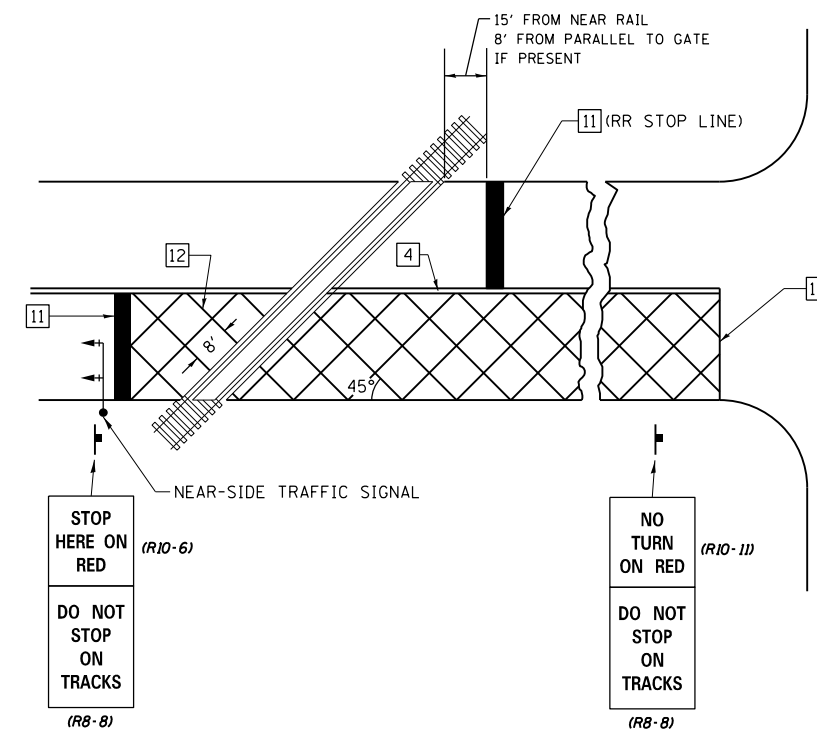
PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
  - 2 4" (100) SOLID (YELLOW)
  - 3 12" (300) DIAGONAL (YELLOW)
  - 4 4" (100) DOUBLE YELLOW (NARROW)
  - 5 12" (300) SOLID WHITE
  - 6 RESERVED
  - 7 6" (150) 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) PARKING WHITE
- 

RAILROAD CROSSING WITH INTERCONNECT ONLY



RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



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.

NOT TO SCALE

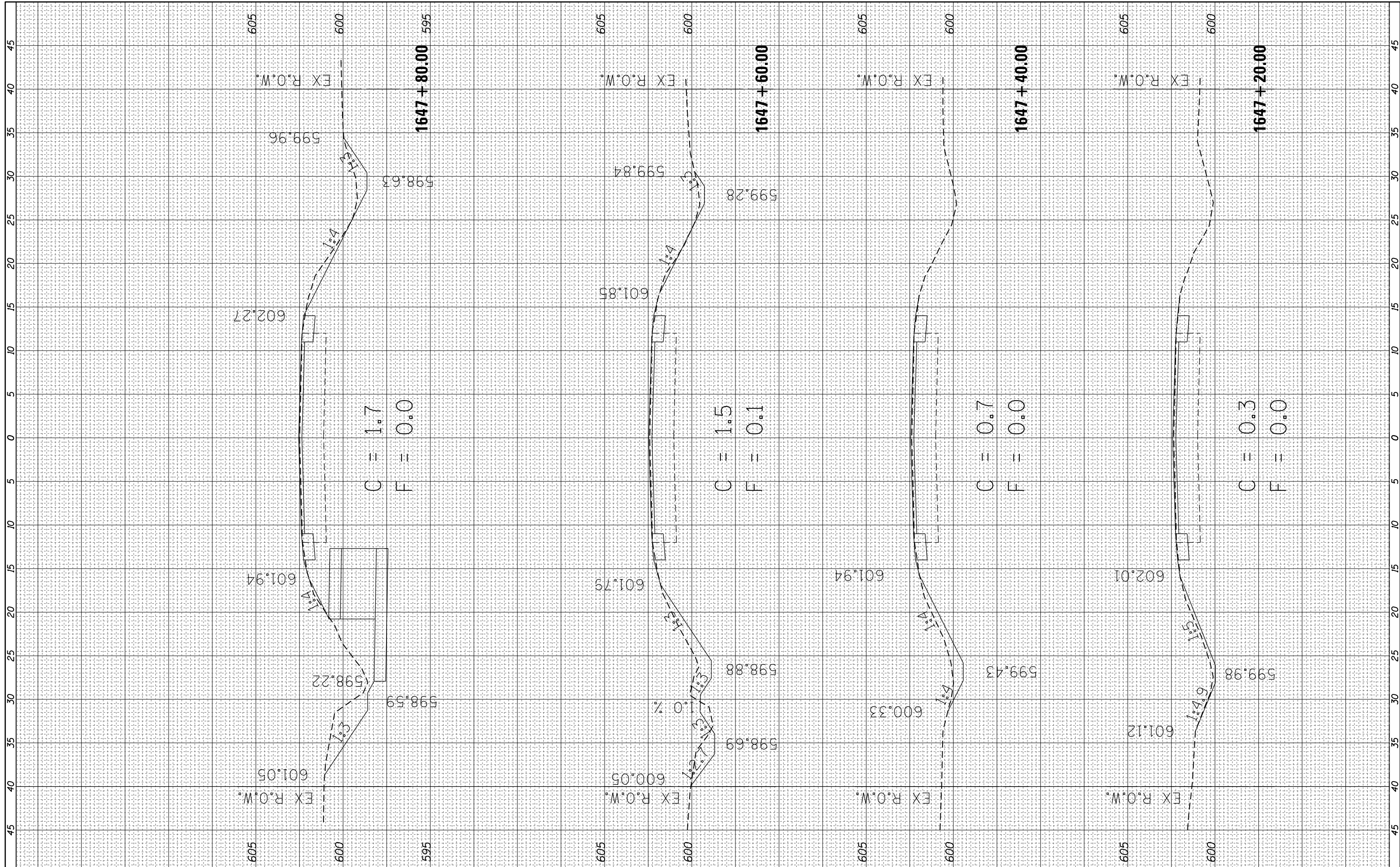
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. 7800001

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL &amp; URBAN APPLICATIONS)</b>	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\74408\DRAWING\CABsheets\d774408-sht-details.dwg	PLotted	CHECKED -	REVISED -			2796	21RS-5	EFFINGHAM	29	29	
PLOT SCALE = 100.0000' / 1in.	DATE -	REVISIOn -	SCALE: N/A			CONTRACT NO. 74408		ILLINOIS FED. AID PROJECT			
PLOT DATE = 3/17/2016	DATE -	REVISIOn -	SHEET NO. 4 OF 4 SHEETS			STA.	TO STA.				

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

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



FILE NAME =	USER NAME = hirtzelk	DESIGNED -	REVISED -
p:\11\084EBIDINTEG\Illinois.gov\PIDOT\Documents\DOT Offices\District 7\Projects\74408\CADD\Drawings\Sheets\74408-sht-xsec-culvert.dwg		DRAWN	REVISED -
Default	PLOT SCALE = 10.0000' / 1" / in.	CHECKED -	REVISED -
	PLOT DATE = 4/1/2016	DATE -	REVISED -

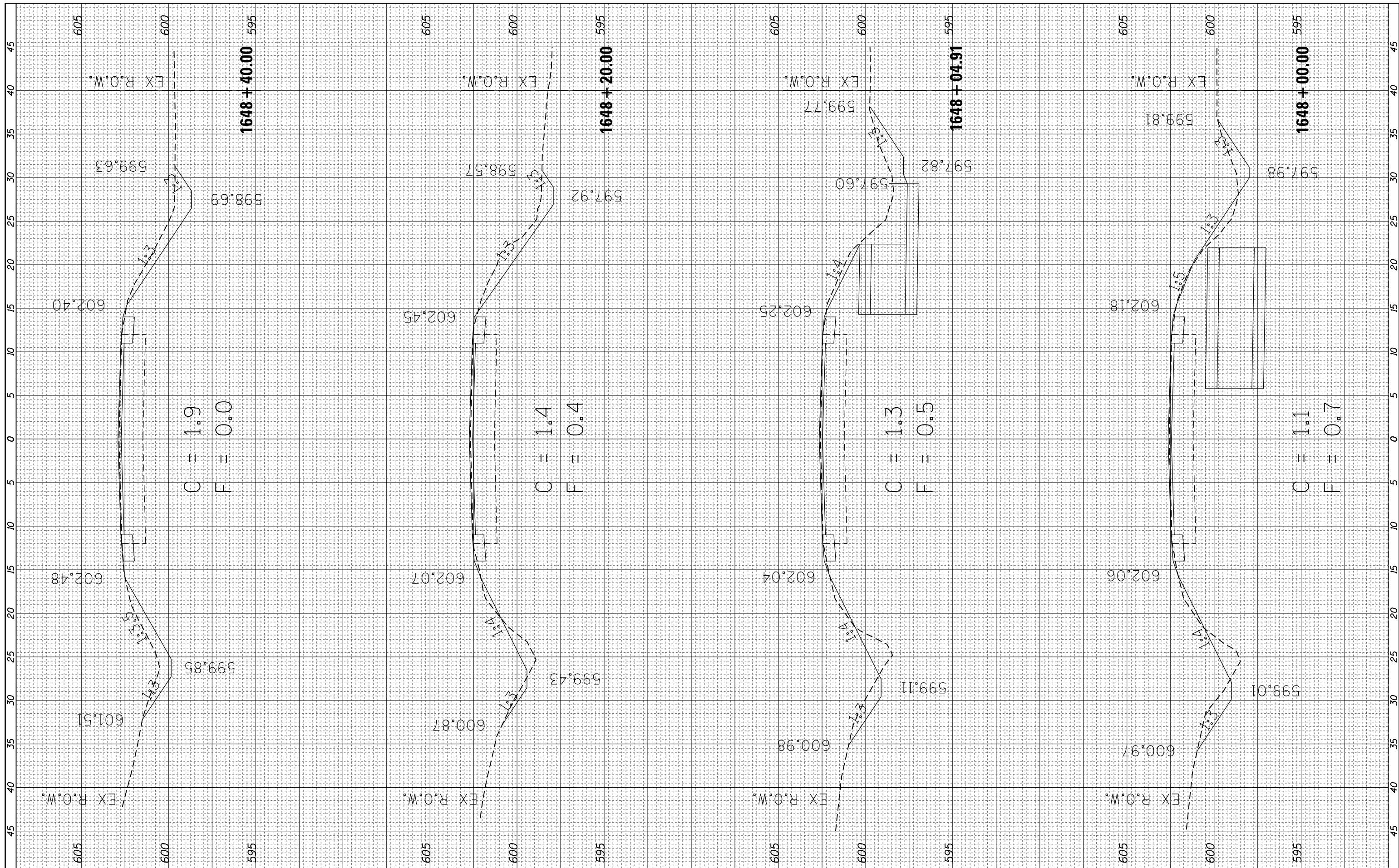
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>CROSS SECTIONS</b>			
SCALE: 5	SHEET 1	OF 3 SHEETS	STA. 1647+20.00 TO STA. 1647+80.00

F.A.S. RTE. 2796	SECTION 21RS-5	COUNTY EFFINGHAM	TOTAL SHEETS 29	SHEET NO. 29A
			CONTRACT NO. 74408	
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 = p:\11084EBIDINTEG\Illinois.gov\PIDOT\Documents\DOT Offices\District 7\Projects\74408\CADD\Drawings\Sheet\74408-shr-xsec-culvert.dgn  
 USER NAME = hirtzelki  
 DESIGNED -  
 CHECKED -  
 DATE -  
 PLOT SCALE = 10.0000' / in.  
 PLOT DATE = 4/1/2016

REVISOR -  
 REVISOR -  
 REVISOR -  
 REVISOR -

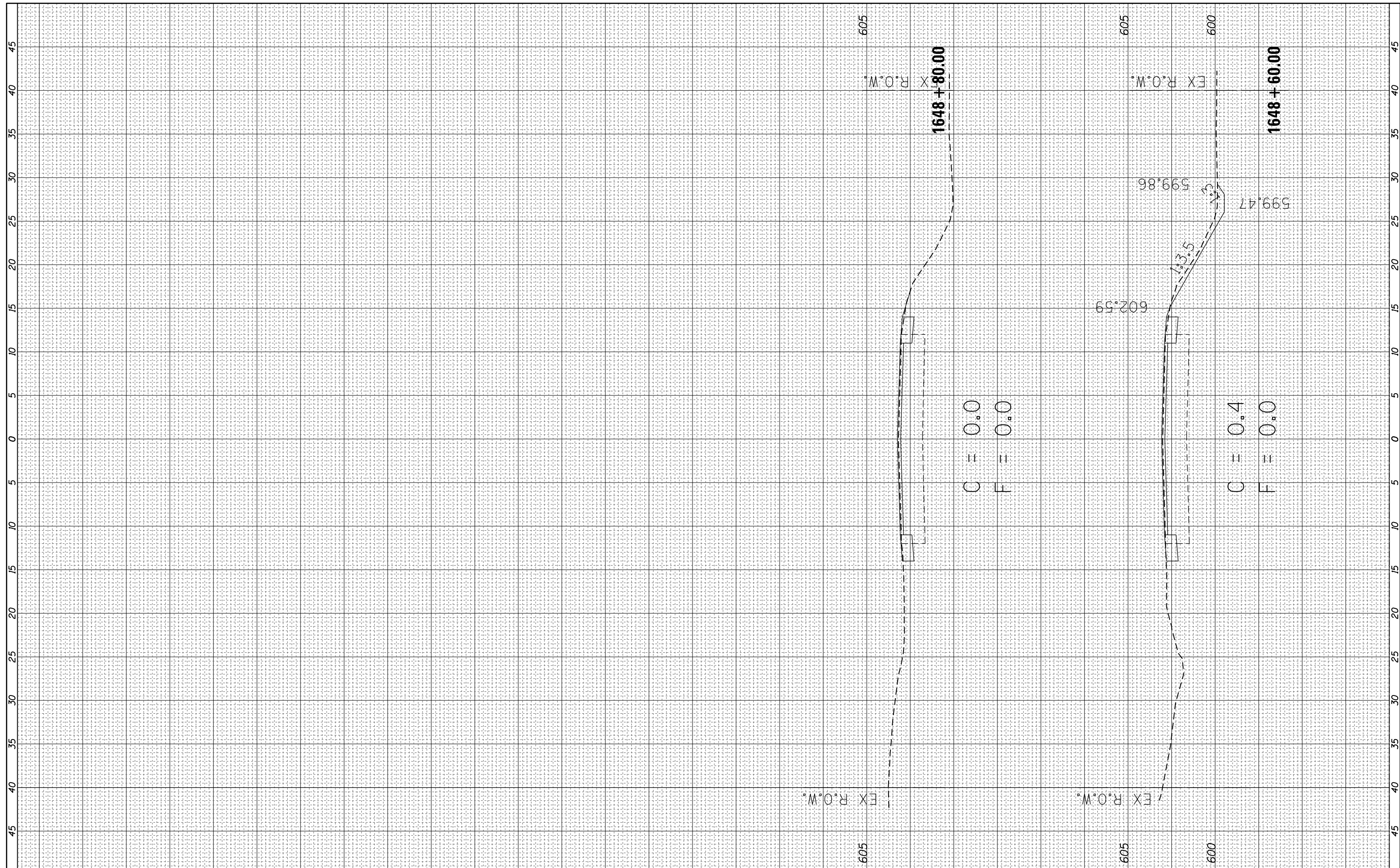
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
 SCALE: 5 SHEET 2 OF 3 SHEETS STA. 1648+00.00 TO STA. 1648+40.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2796	21RS-5	EFFINGHAM	29	29B
CONTRACT NO. 74408			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



FILE NAME =	USER NAME = hirtzelki	DESIGNED -	REVISED -
p:\11\084EBIDINTEG\Illinois.gov\PIDOT\Documents\DOT Offices\District 7\Projects\74408\CADD\Drawings\Sheet\74408-shr-xsec-culvert.dwg		DRAWN -	REVISED -
Default	PLOT SCALE = 10.0000' / 1"	CHECKED -	REVISED -
	PLOT DATE = 4/1/2016	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

SCALE: 5      SHEET 3      OF 3      SHEETS      STA. 1648+60.00      TO      STA. 1648+80.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2796	21RS-5	EFFINGHAM	29	29C
CONTRACT NO. 74408				
ILLINOIS FED. AID PROJECT				