

FOR INDEX OF SHEETS, SEE SHEET NO. 2

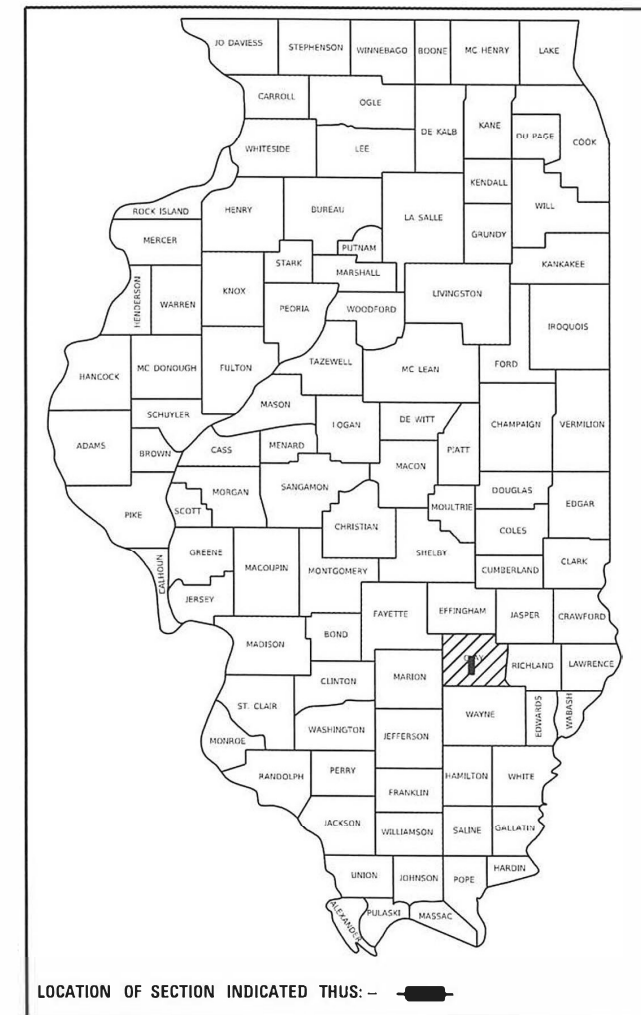
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	1
		ILLINOIS	CONTRACT NO. 74761	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

FAP 328 & FAU 8535 (US 45)
SECTION (5,6)RS-1
PROJECT NHPP-STP-7B3G(473)
RESURFACING (3P)
CLAY COUNTY

D-97-025-16



CURRENT TRAFFIC DATA

2023 ADT	6000
P.V. %	90.0%
S.U. %	4.6%
M.U. %	5.4%

STATION EQUATION:

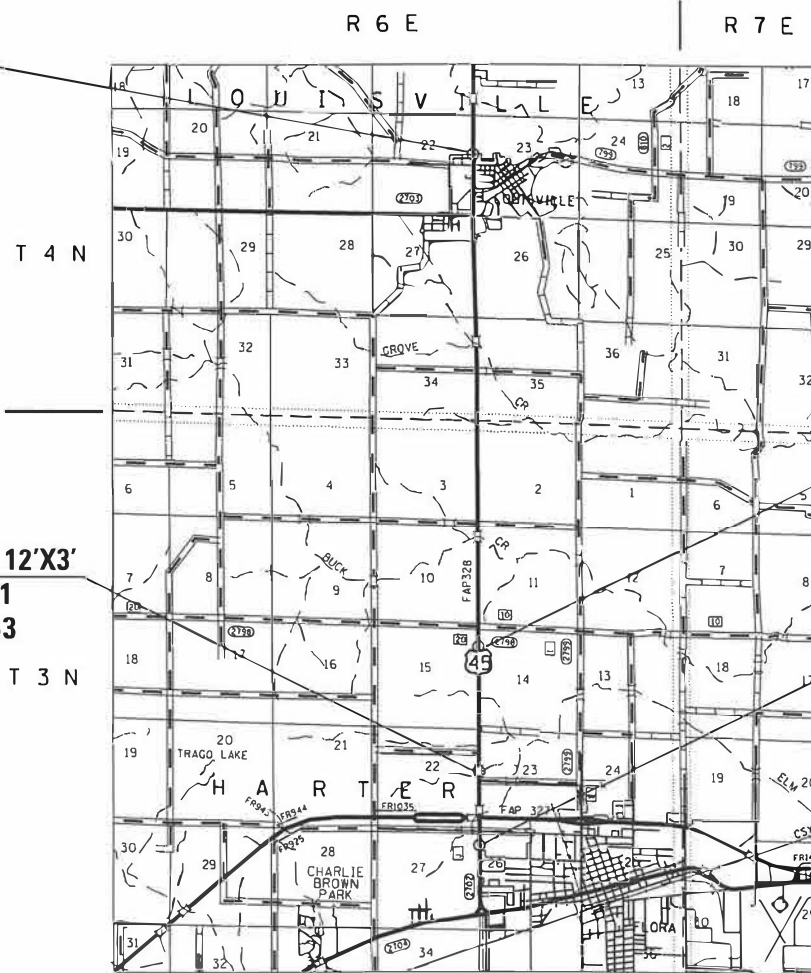
STA. 1459 + 32.56 (BK.) = STA. 1459 + 37.58 (AH.)

BRIDGE OMISSION:

S.N. 013-0041: STA. 1509 + 25.00 – STA. 1511 + 01.00

C-97-054-16

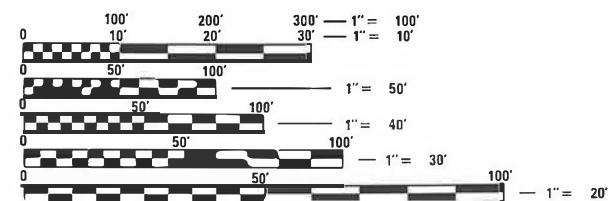
F.A.P. ROUTE 328 (US 45)
SECTION (5,6)RS-1
BEGINS STATION 1311 + 50
CLAY COUNTY



CULVERT NO. 1 12'X4'
EX. SN 013-8623
PR. SN 013-8654
STA. 1561 + 40

CULVERT NO. 2 12'X3'
EX. SN 013-8621
PR. SN 013-8653
STA. 1607 + 93

F.A.P. ROUTE 328 (US 45)
SECTION (5,6)RS-1
ENDS STATION 1677 + 06
CLAY COUNTY



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 EXCAVATORS
1-800-892-0123
OR 811

PROJECT ENGINEER: MATT BOWER
PROJECT MANAGER: LEVI LUND
PHONE: (217)-342-8343
CONTRACT NO. 74761

GROSS LENGTH = 36553.00 FT. = 6.92 MILES
NET LENGTH = 36102.00 FT. = 6.84 MILES

PLANS NOT
PLOTTED TO
SCALE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED October 24 2023
Jeffrey P. Myrland
REGIONAL ENGINEER
December 8, 2023

Steph A. Etk
ENGINEER OF DESIGN AND ENVIRONMENT
December 8, 2023
Steph M. Smith
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHEET NO	TITLE
1	COVER SHEET
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HIGHWAY STANDARDS

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED FOLLOWING THE LAST NUMBERED SHEET OF THE PLANS.

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
420001-10	PAVEMENT JOINTS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424011-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
642006-01	SHOULDER RUMBLE STRIPS, 8 INCH
667101-02	PERMANENT SURVEY MARKERS
701001-02	OFF-RD 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
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	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
701336-07	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS >= 45 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-06	SIDEWALK, CORNER, OR CROSSWALK CLOSURE
701901-09	TRAFFIC CONTROL DEVICES
BLR 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
406201-01	MAILBOX TURNOUT
420101-07	24' JOINTED PCC PAVEMENT
442101-09	CLASS B PATCHES
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

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USER NAME = jessica.hille	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS AND HIGHWAY STANDARDS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN -	REVISED -			328	(5,6)RS-1	CLAY	72	2	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 74761					
PLOT DATE = 10/25/2023	DATE -	REVISED -			SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.	IL INO SFE D AID PRO JE CT	

GENERAL NOTES

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

THIS PROJECT IS LOCATED ON U.S. ROUTE 45 IN CLAY COUNTY BEGINNING AT THE NORTH CITY LIMITS OF LOUISVILLE AND EXTENDING SOUTH FOR 6.84 MILES TO 0.3 MI SOUTH OF ILLINOIS ROUTE 50. THE WORK INCLUDED IN SECTION (5,6)RS-1 CONSISTS OF HOT-MIX ASPHALT SURFACE REMOVAL, HOT-MIX ASPHALT RESURFACING, HOT-MIX ASPHALT SHOULDERS, PAVEMENT MARKING, ADA IMPROVEMENTS, CULVERT REPLACEMENTS AND ANY OTHER WORK NECESSARY TO COMPLETE THE SECTION.

RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 781 OF THE STANDARD SPECIFICATIONS. THE TOTAL QUANTITY OF RAISED REFLECTIVE PAVEMENT MARKERS CONSISTS OF 452 TWO-WAY AMBER MARKERS. RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED AT 80 FOOT INTERVALS ALONG THE CENTERLINE.

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 (TACK COAT), HOT-MIX ASPHALT LEVELING BINDER, AND HOT-MIX ASPHALT FINE GRADED 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 INCH CONSISTS OF 62,564 FEET OF WHITE AND 12,579 FEET OF YELLOW.

THE LONGITUDINAL JOINT SEALANT WILL BE CONSTRUCTED BETWEEN THE LEVEL BINDER AND SURFACE COURSE.

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

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

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:									
LOCATION(S)	MIXTURE USE(S)	PG	DESIGN AIR VOIDS	MIXTURE COMPOSITION	FRICTION AGGREGATE	MIXTURE WEIGHT	QUALITY MANAGEMENT PROGRAM	SUBLOT SIZE	MATERIAL TRANSFER DEVICE (REQUIRED?)
MAINLINE	POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX "D", N90 (2")	SBS PG 70-22	4.0% @ N=90	IL - 9.5	MIXTURE D	N90	PFP	1000	N/A
MAINLINE	POLYMERIZED HMA BINDER COURSE, IL-9.5FG, N90 (1 3/4")	SBS PG 70-22	4.0% @ N=90	IL - 9.5FG	N/A	N90	PFP	1000	N/A
PATCHING	HMA BINDER COURSE, IL-19.0, N90	PG 64-22	4.0% @ N=90	IL - 19.0	N/A	N90	QC/QA	3000	N/A
3.75" HMA SHOULDERS	HOT-MIX ASPHALT SHOULDERS (2" TOP LIFT)	PG 64-22	4.0% @ N=70	IL - 9.5	MIXTURE C	N70	QC/QA	3000	N/A
3.75" HMA SHOULDERS	HOT-MIX ASPHALT SHOULDERS (1.75" BOTTOM LIFT)	PG 64-22	4.0% @ N=70	IL - 9.5FG	N/A	N70	QC/QA	3000	N/A
INCIDENTAL	INCIDENTAL HOT-MIX ASPHALT SURFACING	PG 64-22	4.0% @ N=70	IL - 9.5	MIXTURE C	N70	QC/QA	N/A	N/A

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

HOT MIX ASPHALT	112 LBS/SQ YD/IN
BITUMINOUS MATERIALS (TACK COAT)	
MILLED SURFACE	0.05 LBS/SQ FT
BETWEEN HMA LIFTS	0.025 LBS/SQ FT
GRANULAR MATERIAL	2.05 TONS/CU YD

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USER NAME = jessica.hille	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES		F.A.P. RTE. 328	SECTION (5,6)RS-1	COUNTY CLAY	TOTAL SHEETS 72	SHEET NO. 3	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT
PLOT DATE = 10/25/2023	DATE -	REVISED -		CONTRACT NO. 74761							

80% FED
20% STATE

80% FED
20% STATE

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005 NHPP FAP 328	0005 STP FAI 8535	0003 NHHP
20200100	EARTH EXCAVATION	CU YD	26			26
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	84			84
20700220	POROUS GRANULAR EMBANKMENT	CU YD	303			303
21400100	GRADING AND SHAPING DITCHES	FOOT	167			167
28100107	STONE RIPRAP, CLASS A4	SO YD	109			109
28200200	FILTER FABRIC	SO YD	109			109
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	94	94		
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	78739	75720	3019	
40600370	LONGITUDINAL JOINT SEALANT	FOOT	36102	34554	1548	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	955	695	260	
40600990	TEMPORARY RAMP	SO YD	343	303	40	
40603219	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N90	TON	11192	10754	438	
40604164	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N90	TON	13049	12548	501	

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005 NHPP FAP 328	0005 STP FAI 8535	0003 NHHP
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	437	437		
42000300	PORTLAND CEMENT CONCRETE PAVEMENT 8"	SO YD	43	43		
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SO FT	1290	1290		
42400800	DETECTABLE WARNINGS	SO FT	119	119		
44000100	PAVEMENT REMOVAL	SO YD	43	43		
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SO YD	105805	101593	4212	
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SO YD	12940	12940		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	229	229		
44000600	SIDEWALK REMOVAL	SO FT	1020	1020		
44201019	CLASS B PATCHES, TYPE II, 14 INCH	SO YD	32	32		
44201299	DOWEL BARS 1 1/2"	EACH	80	80		
44201815	CLASS D PATCHES, TYPE II, 14 INCH	SO YD	1158	1137	21	
44201819	CLASS D PATCHES, TYPE III, 14 INCH	SO YD	248	232	16	
44201821	CLASS D PATCHES, TYPE IV, 14 INCH	SO YD	34	34		

• SPECIALTY ITEM

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PLOT DATE = 10/25/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	4
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				

80% FED
20% STATE

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SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005 NHPP FAP 328	0005 STP FAI 8535	0003 NHHP
44213200	SAW CUTS	FOOT	303	303		
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	3784	3735	49	
48203012	HOT-MIX ASPHALT SHOULDERS, 3 3/4"	SO YD	1764	1764		
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1		1	
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1		1	
50200100	STRUCTURE EXCAVATION	CU YD	474		474	
52200020	TEMPORARY SOIL RETENTION SYSTEM	SO FT	97		97	
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2		2	
54001002	BOX CULVERT END SECTIONS, CULVERT NO. 2	EACH	2		2	
54011203	PRECAST CONCRETE BOX CULVERTS 12' X 3'	FOOT	60		60	
54011204	PRECAST CONCRETE BOX CULVERTS 12' X 4'	FOOT	62		62	
59100100	GEOCOMPOSITE WALL DRAIN	SO YD	132		132	
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	211	211		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005 NHPP FAP 328	0005 STP FAI 8535	0003 NHHP
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	59687	56591	3096	
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	40	40		
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1		
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1		
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1		
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	2	2		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	5	5		
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	5	5		
67100100	MOBILIZATION	LSUM	1	1		
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1		
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	LSUM	1	1		
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1		

* SPECIALTY ITEM

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PLOT DATE = 10/25/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	5
CONTRACT NO. 74761			ILLINOIS FED. AID PROJECT	

80% FED
20% STATE

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SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005 NHPP FAP 328	0005 STP FAI 8535	0003 NHHP
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1		
	701336					
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1		
	701501					
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1		
	701801					
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	56	56		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	11075	10611	464	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	3692	3537	155	
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	76314	72835	3479	
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	120	120		
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	48	48		
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1171	1171		
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	120	120		
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	75143	71664	3479	

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005 NHPP FAP 328	0005 STP FAI 8535	0003 NHHP
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	1171	1171		
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	120	120		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	452	433	19	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	452	433	19	
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	132	132		
X0326440	SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)	SQ YD	4008	4008		
* X2600011	REMOVE AND RELOCATE SIGN PANEL	EACH	3	3		
X4060995	TEMPORARY RAMP, SPECIAL	SQ YD	1632	1632		
X5810103	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SQ YD	208		208	
X6061700	COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL)	FOOT	17	17		
X7011800	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1	1		
Z0016702	DETOUR SIGNING	L SUM	1		1	

* SPECIALTY ITEM

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	DATE -	REVISIONS -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	6
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				

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SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005 NHPP FAP 328	0005 STP FAI 8535	0003 NHHP
Z0049799	PROTECTING OR RESETTING SURVEY MARKERS	EACH	17	17		
* Z0054505	ROCK FILL - REPLACEMENT	TON	84			84

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005 NHPP FAP 328	0005 STP FAI 8535	0003 NHHP

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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

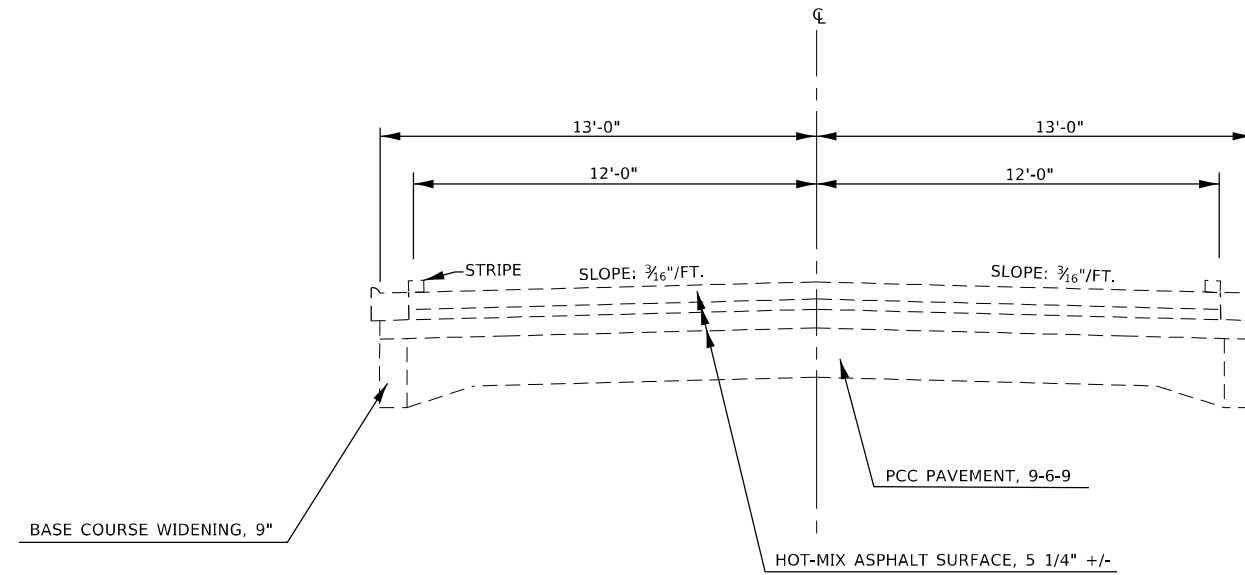
SCALE:		SHEET 4	OF 4	SHEETS	STA.	TO STA.
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SUMMARY OF QUANTITIES

F.A.P. RTE. 328	SECTION (5.6)RS-1	COUNTY CLAY	TOTAL SHEETS 72	SHEET NO. 7
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				

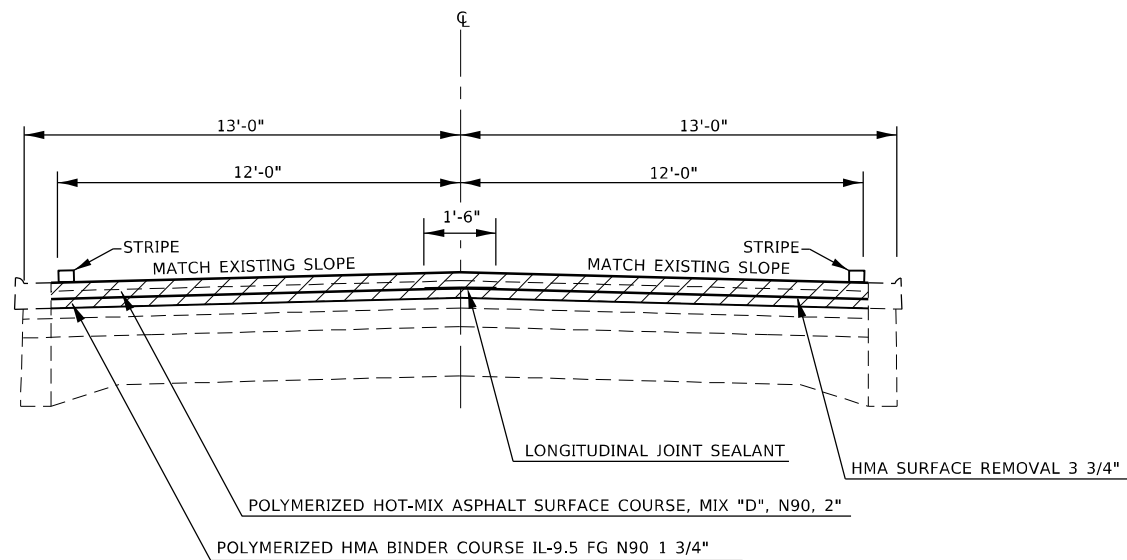
EXISTING TYPICAL CROSS SECTION

STATION TO STATION
1311+50 1358+32



PROPOSED TYPICAL CROSS SECTION

STATION TO STATION
1311+50.00 1358+32.00



 HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"

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	DRAWN -	REVISED -
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PLOT DATE = 10/25/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

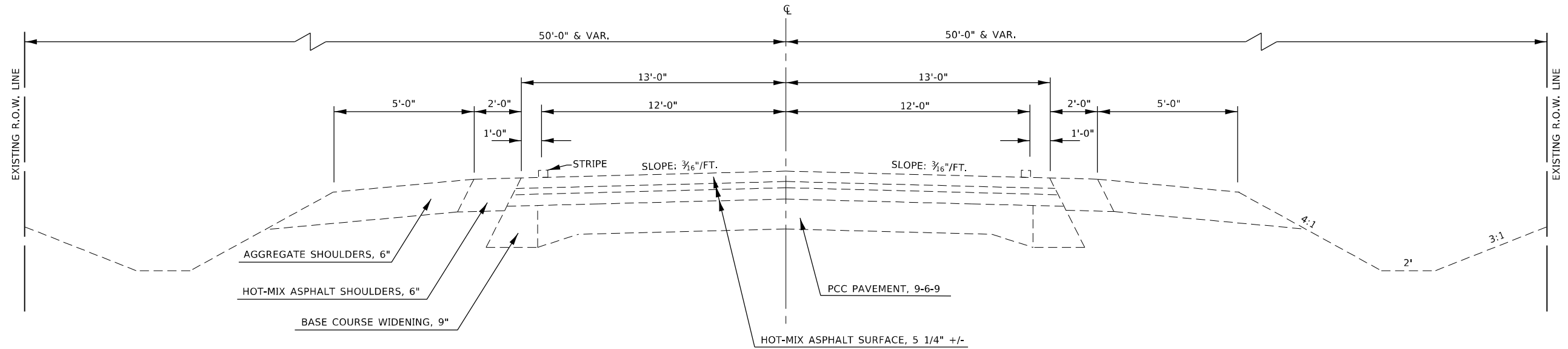
TYPICAL CROSS SECTIONS

SCALE: SHEET 1 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	8
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				

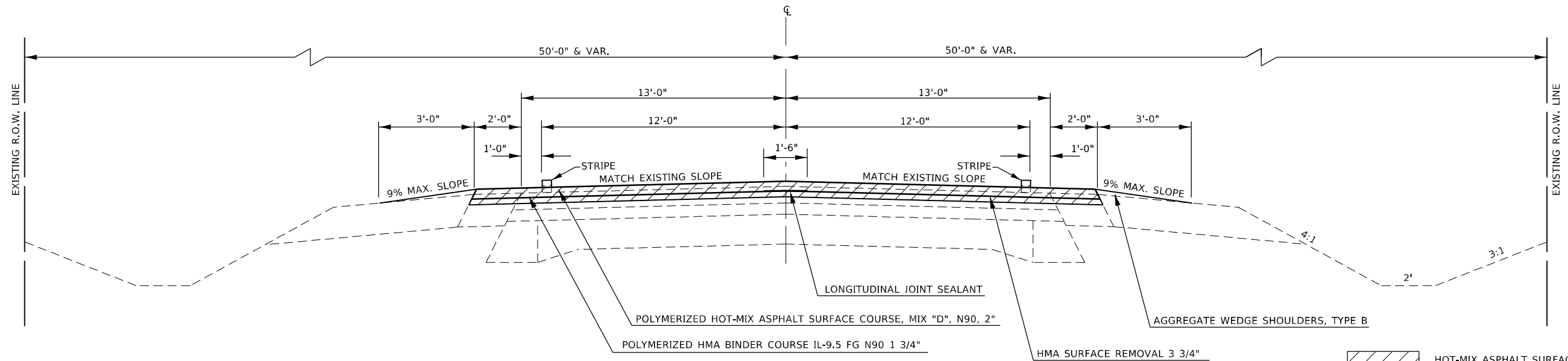
EXISTING TYPICAL CROSS SECTION

STATION TO STATION
1358+32.00 1360+00.00



PROPOSED TYPICAL CROSS SECTION

STATION TO STATION
1358+32.00 1360+00.00



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USER NAME = jessica.hille	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/25/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

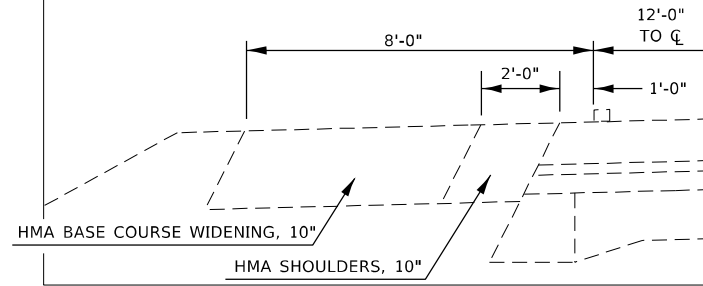
TYPICAL CROSS SECTIONS

SCALE: SHEET 2 OF 8 SHEETS STA. TO STA.

F.A.P. RTE. 328	SECTION (5,6)RS-1	COUNTY CLAY	TOTAL SHEETS 72	SHEET NO. 9
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				

ADDITIONAL PAVED SHOULDERS

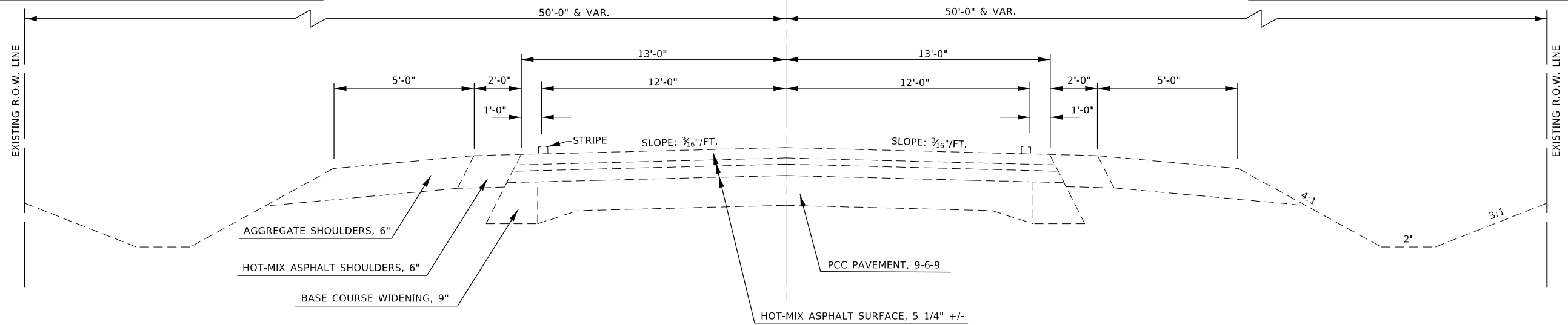
STA. 1635+93.00 - STA. 1637+73.00 LT.
STA. 1638+33.00 - STA. 1640+13.00 LT.



EXISTING TYPICAL CROSS SECTION

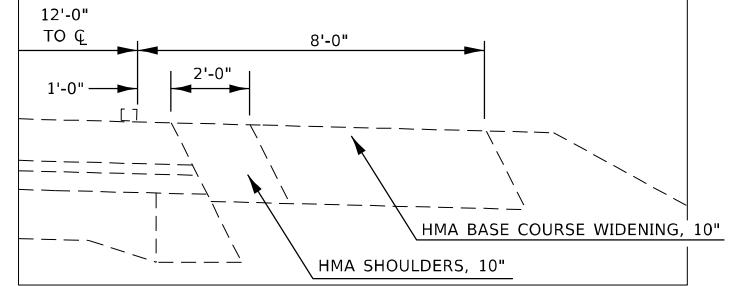
STATION	TO	STATION
1360+00.00		1386+17.00
1392+33.00		1413+30.00
1414+10.00		1459+32.56
1459+37.58		1506+25.00
1513+75.00		1637+73.00
1638+33.00		1658+85.00

STATION EQUATION: STA. 1459+32.56 (BK.) = STA. 1459+37.58 (AH.)



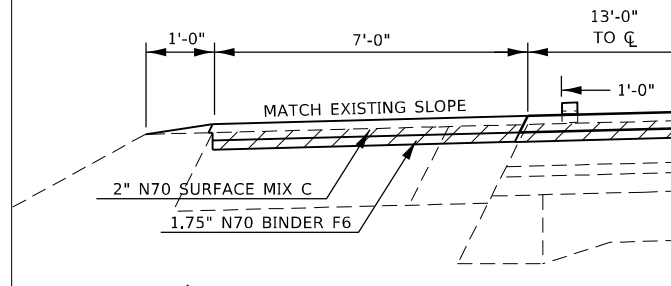
ADDITIONAL PAVED SHOULDERS

STA. 1411+81.00 - STA. 1413+30.00 RT.
STA. 1414+10.00 - STA. 1415+36.00 RT.



ADDITIONAL PAVED SHOULDERS

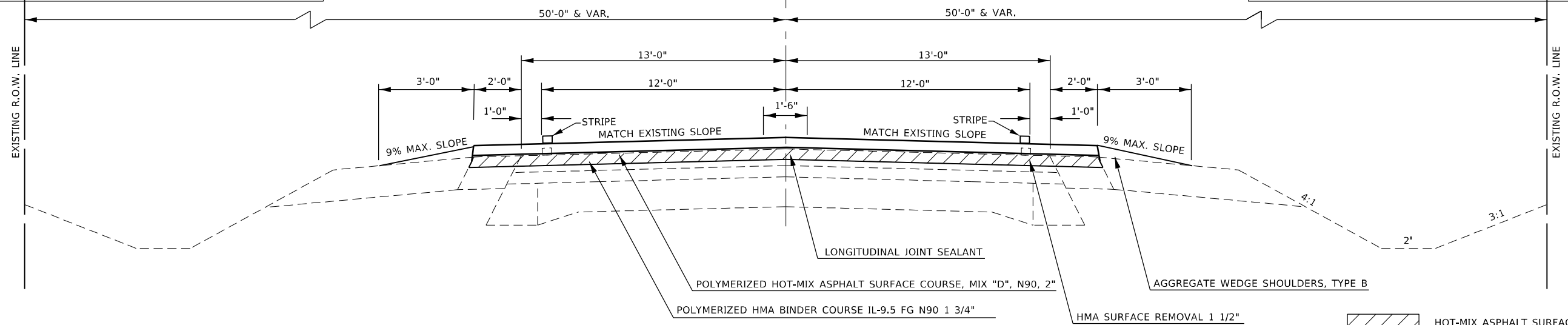
STA. 1635+93.00 - STA. 1637+73.00 LT.
STA. 1638+33.00 - STA. 1640+13.00 LT.



PROPOSED TYPICAL CROSS SECTION

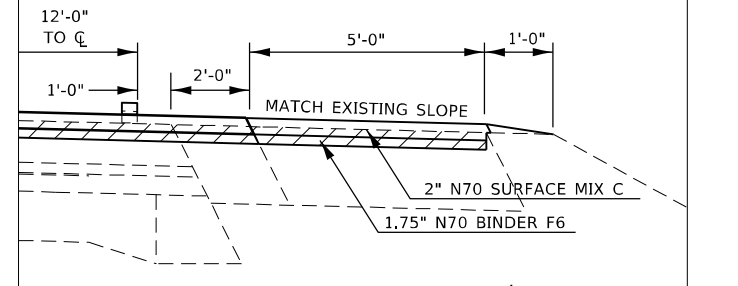
STATION	TO	STATION
1360+00.00		1386+17.00
1392+33.00		1413+30.00
1414+10.00		1459+32.56
1459+37.58		1506+25.00
1513+75.00		1637+73.00
1638+33.00		1658+85.00

STATION EQUATION: STA. 1459+32.56 (BK.) = STA. 1459+37.58 (AH.)



ADDITIONAL PAVED SHOULDERS

STA. 1411+81.00 - STA. 1413+30.00 RT.
STA. 1414+10.00 - STA. 1415+36.00 RT.



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USER NAME = jessica.hille	DESIGNED -	REVISED -
DRAWN -	REVISED -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/25/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

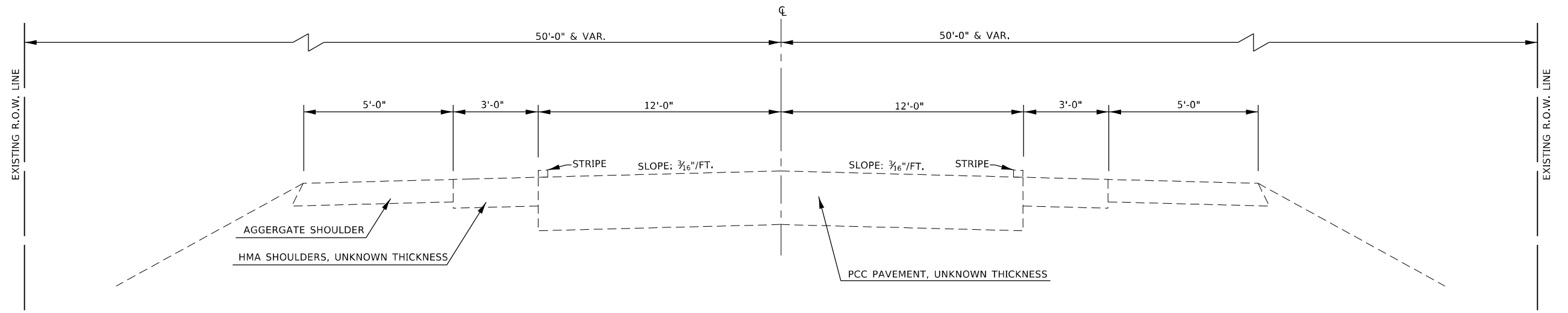
TYPICAL CROSS SECTIONS

SCALE: SHEET 3 OF 8 SHEETS STA. TO STA.

F.A.P. RTE. 328	SECTION (5.6)RS-1	COUNTY CLAY	TOTAL SHEETS 72	SHEET NO. 10
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				

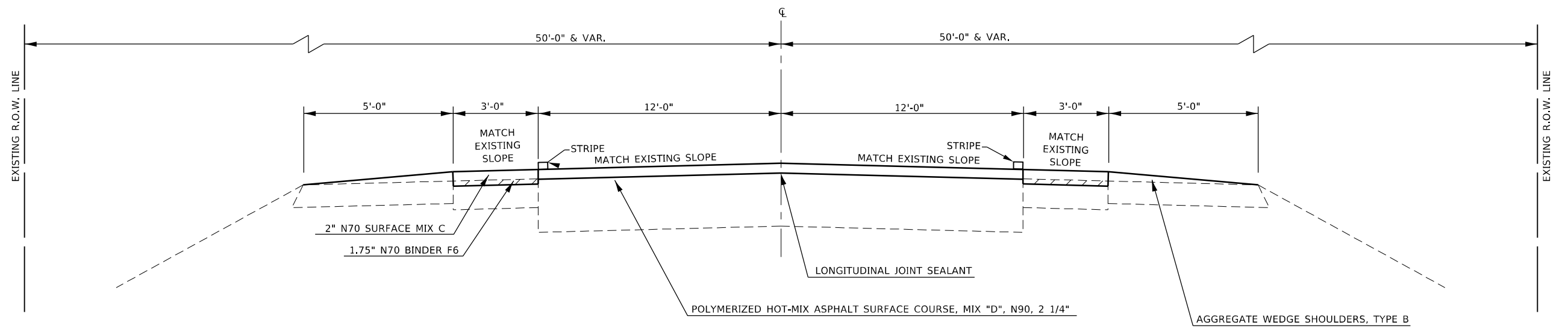
EXISTING TYPICAL CROSS SECTION

STATION TO STATION
1386+17.00 1392+33.00



PROPOSED TYPICAL CROSS SECTION

STATION TO STATION
1386+17.00 1392+33.00



MODEL: Default
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USER NAME = jessica.hille	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/25/2023	DATE -	REVISED -

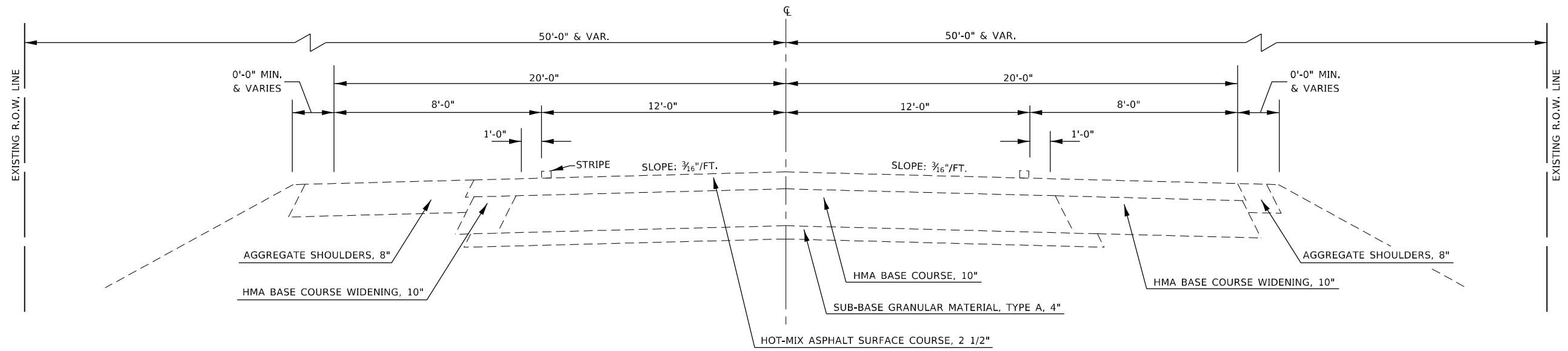
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS			
SCALE:	SHEET 4	OF 8	SHEETS
	STA.	TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	11
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				

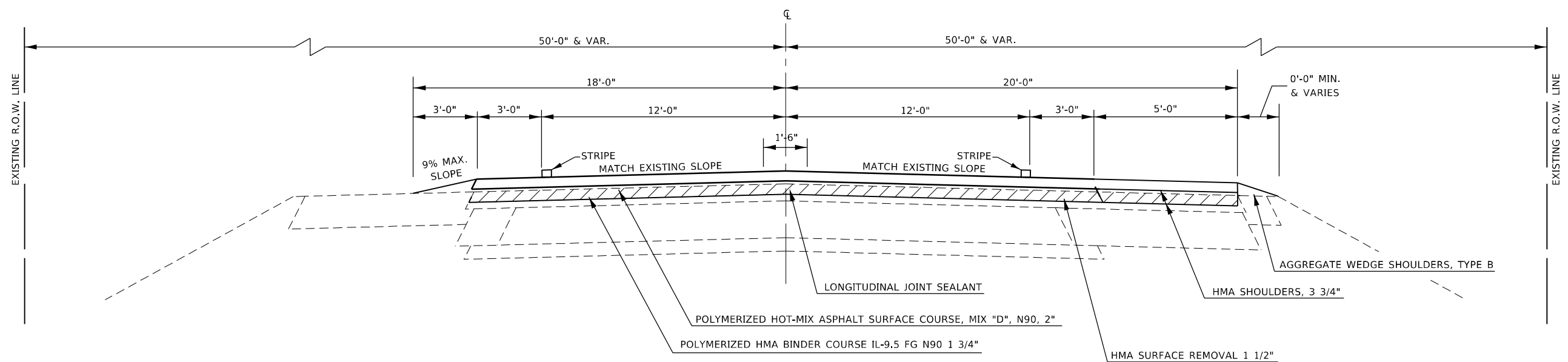
EXISTING TYPICAL CROSS SECTION

STATION TO STATION
1413+30.00 1414+10.00



PROPOSED TYPICAL CROSS SECTION

STATION TO STATION
1413+30.00 1414+10.00



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

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USER NAME = jessica.hille	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/25/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

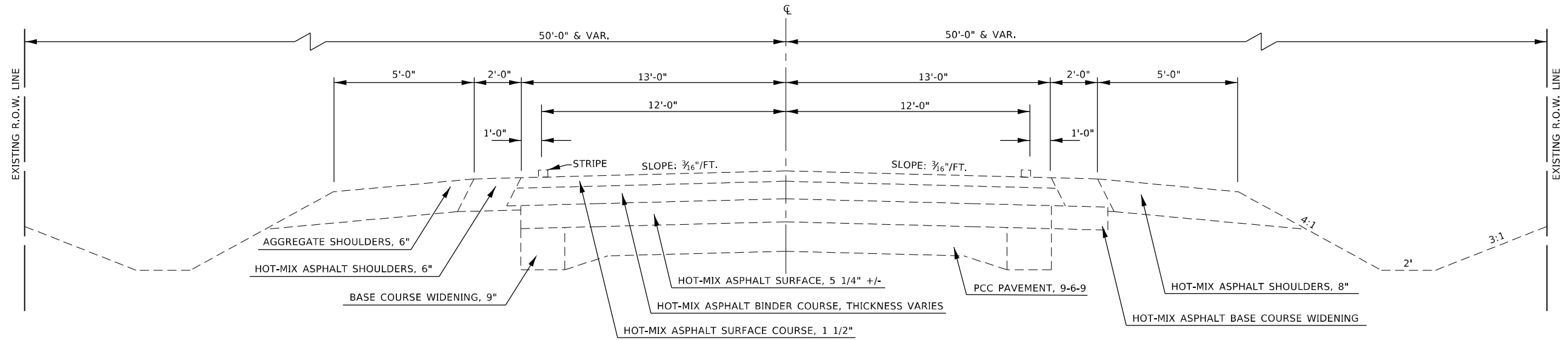
TYPICAL CROSS SECTIONS

SCALE: SHEET 5 OF 8 SHEETS STA. TO STA.

F.A.P. RTE. 328	SECTION (5.6)RS-1	COUNTY CLAY	TOTAL SHEETS 72	SHEET NO. 12
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				

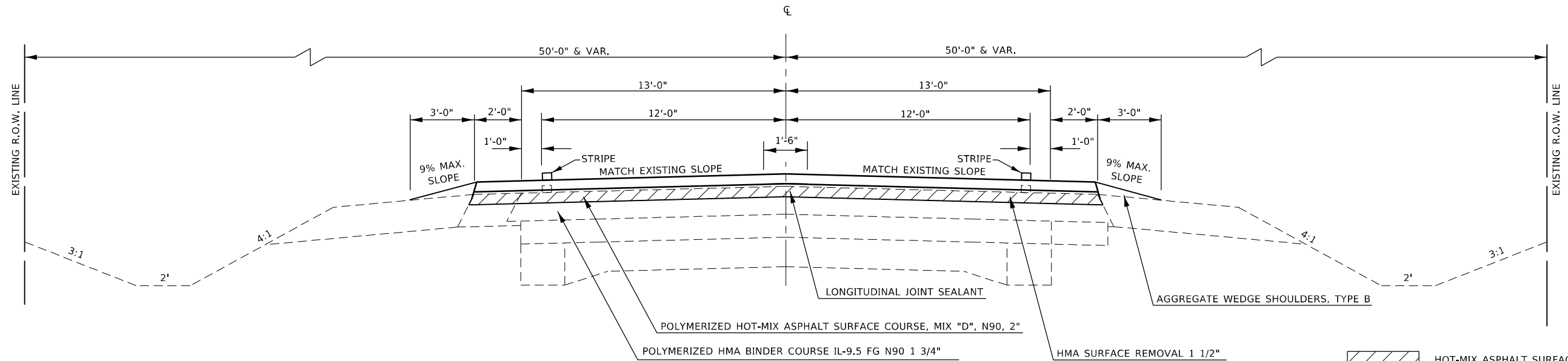
EXISTING TYPICAL CROSS SECTION

STATION TO STATION
 1506+25.00 1509+25.00
 STRUCTURE OMISSION: 1509+25.00 1511+01.00
 1511+01.00 1513+75.00



PROPOSED TYPICAL CROSS SECTION

STATION TO STATION
 1506+25.00 1509+25.00
 STRUCTURE OMISSION: STA. 1509+25.00 1511+01.00
 1511+01.00 1513+75.00



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USER NAME = jessica.hille	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/25/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

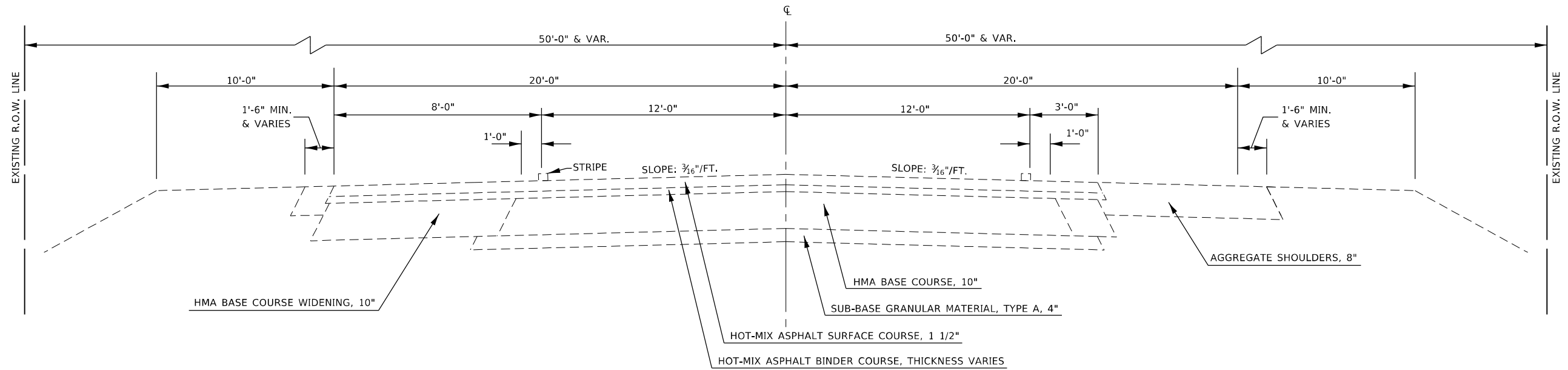
TYPICAL CROSS SECTIONS

SCALE: SHEET 6 OF 8 SHEETS STA. TO STA.

F.A.P. RTE. 328	SECTION (5.6)RS-1	COUNTY CLAY	TOTAL SHEETS 72	SHEET NO. 13
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				

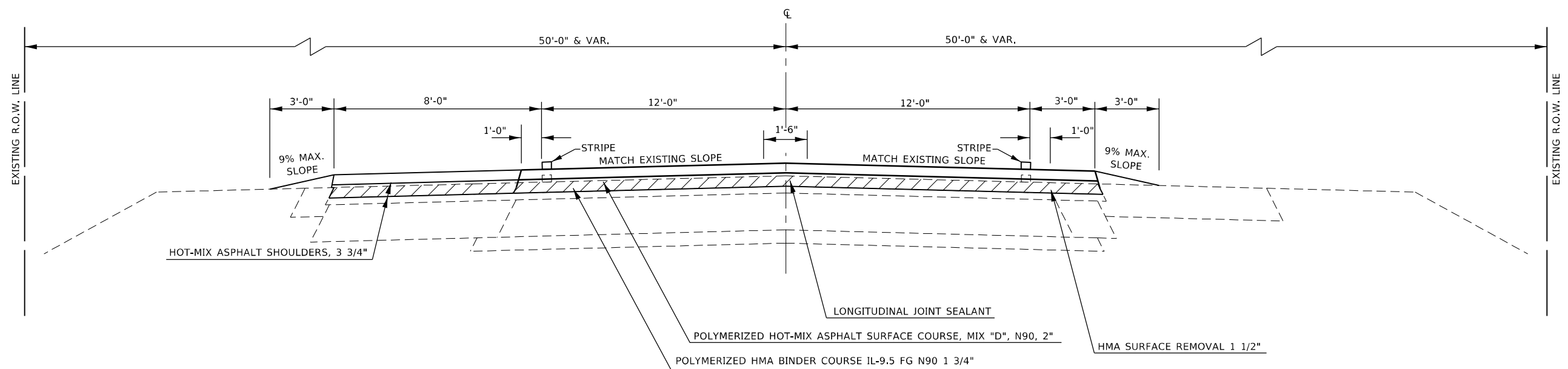
EXISTING TYPICAL CROSS SECTION

STATION TO STATION
1637+73.00 1638+33.00



PROPOSED TYPICAL CROSS SECTION

STATION TO STATION
1637+73.00 1638+33.00



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

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 USER: jessica.hille

USER NAME = jessica.hille	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/25/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS

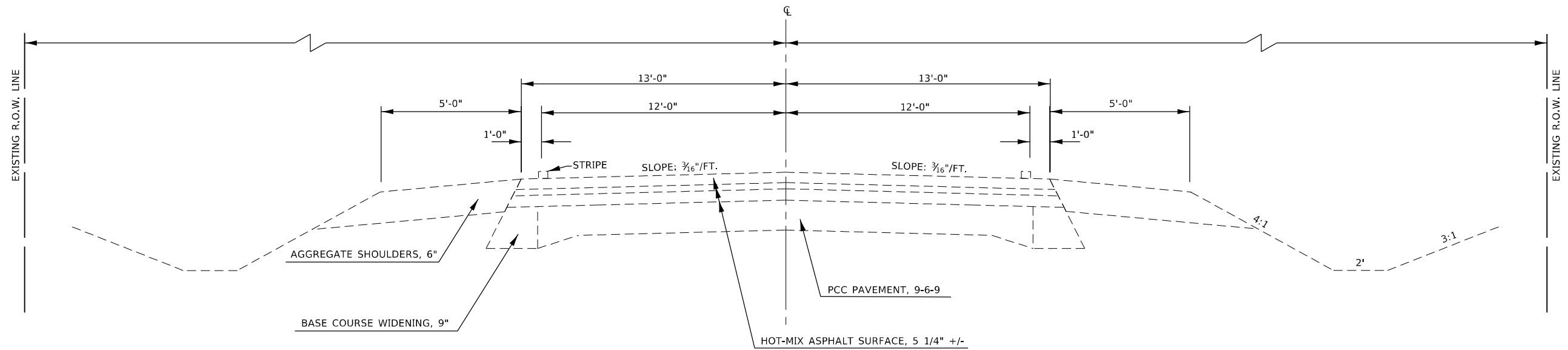
SCALE: SHEET 7 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	14
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTION

*** AGG SHOULDERS END AT 1665+77

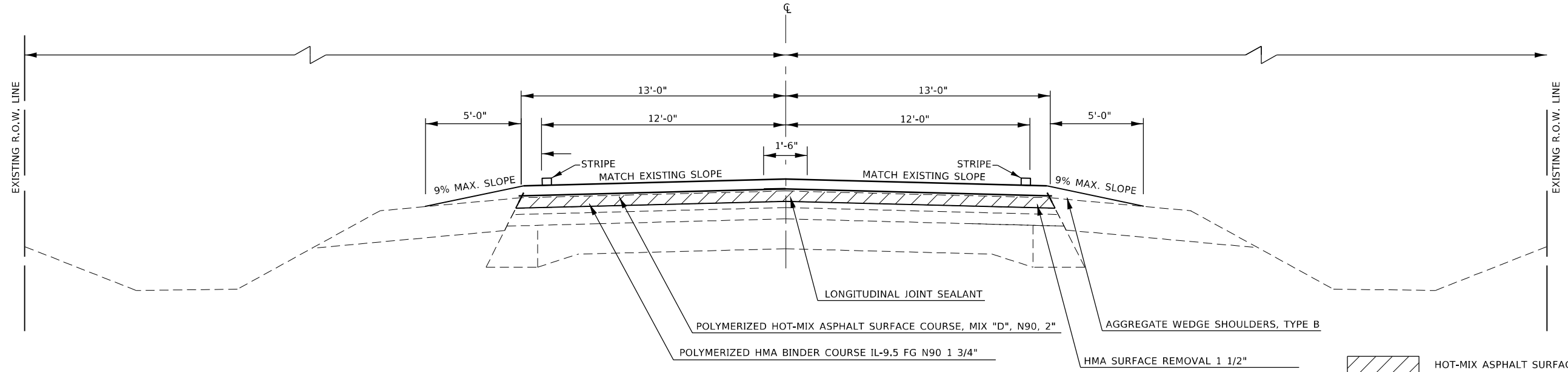
STATION TO STATION
1661+60 1677+06



PROPOSED TYPICAL CROSS SECTION

*** AGG SHOULDERS END AT 1665+77

STATION TO STATION
1661+60 1677+06



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USER NAME = jessica.hille	DESIGNED -	REVISD -
	DRAWN -	REVISD -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISD -
PLOT DATE = 10/25/2023	DATE -	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS

SCALE: SHEET 8 OF 8 SHEETS STA. TO STA.

F.A.P. RTE. 328	SECTION (5.6)RS-1	COUNTY CLAY	TOTAL SHEETS 72	SHEET NO. 15
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

SURFACE REMOVAL

US 45 MAINLINE										
		LENGTH (FEET)	TOTAL SHOULDER WIDTH (FEET)	MAINLINE WIDTH (FEET)	AREA (SQ YD)	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"		
STATION	TO					STATION	TO	STATION	TO	STATION
1311+50.00		1360+00.00	4,850.0	0.0	24.0	12,933.3				12,940.0
1360+00.00		1385+72.00	2,572.0	6.0	24.0	8,573.3		8,573.3		
1385+72.00		1386+17.00	45.0	6.0	24.0	150.0	150.0			
1386+17.00		1392+33.00	616.0	6.0	24.0	1,642.7				
1392+33.00		1392+78.00	45.0	6.0	24.0	150.0	150.0			
1392+78.00		1431+00.00	3,822.0	6.0	24.0	12,740.0		12,740.0		
1431+00.00		1443+06.66	1,206.7	6.0	24.0	4,022.2		4,022.2		
1433+06.66		1449+41.66	1,635.0	6.0	24.0	5,450.0		5,450.0		
1449+41.66		1452+07.56	265.9	6.0	24.0	886.3		886.3		
1452+07.56		1459+32.56	725.0	6.0	24.0	2,416.7		2,416.7		
STATION EQUATION: STA. 1459+32.56 (BK.) = STA. 1459+37.58 (AH.)										
1459+37.58		1475+00.00	1,562.4	6.0	24.0	5,208.1		5,208.1		
1475+00.00		1490+00.00	1,500.0	6.0	24.0	5,000.0		5,000.0		
1490+00.00		1505+00.00	1,500.0	6.0	24.0	5,000.0		5,000.0		
1505+00.00		1507+23.40	223.4	6.0	24.0	744.7		744.7		
1507+23.40		1508+03.90	80.5	4.0	24.0	250.4		250.4		
1508+03.90		1508+80.00	76.1	2.0	24.0	219.8		219.8		
1508+80.00		1509+25.00	45.0	2.0	24.0	130.0	130.0			
PAVING OMISSION: S.N. 013-0041										
1511+01.00		1511+46.00	45.0	2.0	24.0	130.0	130.0			
1511+46.00		1512+72.20	126.2	2.0	24.0	364.6		364.6		
1512+72.20		1512+96.00	23.8	4.0	24.0	74.0		74.0		
1512+96.00		1525+00.00	1,204.0	6.0	24.0	4,013.3		4,013.3		
1525+00.00		1558+75.00	3,375.0	6.0	24.0	11,250.0		11,250.0		
1558+75.00		1580+00.00	2,125.0	6.0	24.0	7,083.3		7,083.3		
1580+00.00		1595+00.00	1,500.0	6.0	24.0	5,000.0		5,000.0		
1595+00.00		1612+44.50	1,744.5	6.0	24.0	5,815.0		5,815.0		
1612+44.50		1633+00.00	2,055.5	6.0	24.0	6,851.7		6,851.7		
1633+00.00		1651+00.00	1,800.0	6.0	24.0	6,000.0		6,000.0		
1651+00.00		1657+85.00	685.0	6.0	24.0	2,283.3		2,283.3		
1657+85.00		1658+40.00	55.0	4.0	24.0	171.1		171.1		
1658+40.00		1658+85.00	45.0	3.0	24.0	135.0	135.0			
1657+85.00		1658+85.00	100.0	3.0	---	33.3				
1661+60.00		1662+05.00	45.0	0.0	26.0	130.0	130.0			
1662+03.00		1676+61.00	1,458.0	0.0	26.0	4,212.0		4,212.0		
1676+61.00		1677+06.00	45.0	0.0	26.0	130.0	130.0			
MAINLINE TOTAL =						955	103,630	12,940		

US 45 SHOULDERS								
		LENGTH (FEET)	WIDTH (FEET)	AREA (SQ YD)	HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2"			
STATION	TO				STATION	LT/RT	LENGTH (FEET)	WIDTH (FEET)
44000155								
1386+17.00		1392+33.00	LT	616.0	3.0	205.3	205.3	
1413+49.50		1413+66.80	LT	17.3	7.5	14.4	14.4	
1413+66.80		1413+95.10	LT	28.3	15.0	47.2	47.2	
1413+95.10		1414+10.60	LT	15.5	7.5	12.9	12.9	
1508+03.90		1508+19.90	LT	16.0	6.0	10.7	10.7	
1508+19.90		1509+10.00	LT	90.1	10.0	100.1	100.1	
1509+10.00		1509+25.00	LT	15.0	10.0	16.7	16.7	
1511+01.00		1511+16.00	LT	15.0	10.0	16.7	16.7	
1511+16.00		1512+73.10	LT	157.1	10.0	174.6	174.6	
1512+73.00		1512+96.00	LT	23.0	6.0	15.3	15.3	
1635+93.00		1637+70.00	LT	177.0	7.0	137.7	137.7	
1637+70.00		1637+90.00	LT	20.0	12.0	26.7	26.7	
1637+90.00		1638+16.40	LT	26.4	17.0	49.9	49.9	
1638+16.40		1638+36.20	LT	19.8	12.0	26.4	26.4	
1638+36.20		1640+13.00	LT	176.8	7.0	137.5	137.5	
1386+17.00		1392+33.00	RT	616.0	3.0	205.3	205.3	
1411+81.00		1413+14.00	RT	133.0	5.0	73.9	73.9	
1413+14.00		1413+40.80	RT	26.8	10.0	29.8	29.8	
1413+40.80		1413+69.20	RT	28.4	15.0	47.3	47.3	
1413+69.20		1413+88.00	RT	18.8	10.0	20.9	20.9	
1413+88.00		1415+36.00	RT	148.0	5.0	82.2	82.2	
1507+23.40		1507+37.00	RT	13.6	7.4	11.2	11.2	
1507+37.00		1509+10.00	RT	173.0	12.8	246.0	246.0	
1509+10.00		1509+25.00	RT	15.0	12.8	21.3	21.3	
1507+31.00		1509+25.00	RT	194.0	5.5	118.6	118.6	
1511+01.00		1511+16.00	RT	15.0	11.7	19.5	19.5	
1511+16.00		1512+61.50	RT	145.5	11.7	189.2	189.2	
1512+61.50		1512+72.20	RT	10.7	6.9	8.2	8.2	
1637+70.90		1637+90.00	RT	19.1	7.5	15.9	15.9	
1637+90.00		1638+16.40	RT	26.4	15.0	44.0	44.0	
1638+16.40		1638+36.20	RT	19.8	7.5	16.5	16.5	
1657+85.00		1658+85.00	RT	100.0	3.0	33.3	33.3	
SHOULDERS TOTAL =							2,175	

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REV. - MS

USER NAME = jessica.hille	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULES OF QUANTITIES	F.A.P. RTE. 328	SECTION (5,6)RS-1	COUNTY CLAY	TOTAL SHEETS 72	SHEET NO. 16		
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 74761						
PLOT DATE = 10/25/2023	DATE -	REVISED -			ILLINOIS FED. AID PROJECT						
					SCALE:		SHEET 1 OF 8 SHEETS		STA. TO STA.		

SCHEDULE OF QUANTITIES

SURFACE REMOVAL (CONTINUED)

LOCATION	LT/RT	WIDTH 1 (FEET)	WIDTH 2 (FEET)	LENGTH (FEET)	AREA (SQ YD)	SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL) (SQ YD)
1358+79	RT	38.0	16.0	10.0	30.0	30.0
1359+70	LT	42.0	17.0	10.0	32.8	32.8
1362+05	LT	88.0	73.0	10.0	89.4	89.4
1363+00	LT	88.0	73.0	10.0	89.4	89.4
1364+59	LT	73.0	58.0	10.0	72.8	72.8
1365+00	RT	86.0	56.0	10.0	78.9	78.9
1365+30	LT	73.0	58.0	10.0	72.8	72.8
1367+16	LT	92.0	79.0	10.0	95.0	95.0
1367+36	RT	86.0	56.0	10.0	78.9	78.9
1368+28	LT	92.0	79.0	10.0	95.0	95.0
1369+65	LT	37.0	26.0	10.0	35.0	35.0
1370+00	LT	37.0	26.0	10.0	35.0	35.0
1371+06	LT	38.0	16.0	10.0	30.0	30.0
1371+96	LT	38.0	17.0	10.0	30.6	30.6
1372+79	LT	38.0	16.0	10.0	30.0	30.0
1373+80	LT	35.0	24.0	10.0	32.8	32.8
1374+12	LT	35.0	24.0	10.0	32.8	32.8
1375+14	LT	72.0	60.0	10.0	73.3	73.3
1375+94	LT	72.0	60.0	10.0	73.3	73.3
1377+21	LT	38.0	16.0	10.0	30.0	30.0
1382+06	LT	60.0	34.0	10.0	52.2	52.2
1389+75	LT	39.0	16.0	10.0	30.6	30.6
1394+98	LT	91.0	56.0	10.0	81.7	81.7
1396+16	LT	89.0	48.0	10.0	76.1	76.1
1400+67	RT	38.0	16.0	10.0	30.0	30.0
1401+03	LT	36.0	15.0	10.0	28.3	28.3
1423+18	LT	35.0	15.0	10.0	27.8	27.8
1424+53	LT	68.0	41.0	10.0	60.6	60.6
1424+53	RT	71.0	41.0	10.0	62.2	62.2
1430+52	RT	39.0	18.0	10.0	31.7	31.7
1431+00	LT	30.0	17.0	10.0	26.1	26.1
1431+50	LT	48.0	26.0	10.0	41.1	41.1
1452+88	LT	40.0	16.0	10.0	31.1	31.1
1452+88	RT	90.0	45.0	10.0	75.0	75.0
1460+95	LT	80.0	50.0	10.0	72.2	72.2
1463+76	LT	80.0	50.0	10.0	72.2	72.2
1475+17	LT	41.0	18.0	10.0	32.8	32.8
1476+30	LT	40.0	16.0	10.0	31.1	31.1
1478+06	LT	40.0	16.0	10.0	31.1	31.1
1481+08	RT	43.0	20.0	10.0	35.0	35.0
1482+15	RT	43.0	20.0	10.0	35.0	35.0
TABLE 1 TOTAL =						2,101.7

LOCATION	LT/RT	WIDTH 1 (FEET)	WIDTH 2 (FEET)	LENGTH (FEET)	AREA (SQ YD)	SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL) (SQ YD)
1483+42	LT	70.0	58.0	10.0	71.1	71.1
1484+29	LT	70.0	58.0	10.0	71.1	71.1
1485+80	LT	40.0	16.0	10.0	31.1	31.1
1487+67	LT	52.0	28.0	10.0	44.4	44.4
1492+50	LT	39.0	16.0	10.0	30.6	30.6
1493+99	RT	40.0	16.0	10.0	31.1	31.1
1505+02	LT	73.0	42.0	10.0	63.9	63.9
1505+02	RT	68.0	41.0	10.0	60.6	60.6
1507+52	LT	46.0	28.0	10.0	41.1	41.1
1558+85	LT	68.0	41.0	10.0	60.6	60.6
1558+85	RT	73.0	42.0	10.0	63.9	63.9
1582+37	RT	40.0	16.0	10.0	31.1	31.1
1586+72	RI	40.0	17.0	10.0	31.7	31.7
1588+14	RT	40.0	17.0	10.0	31.7	31.7
1598+58	LT	43.0	17.0	10.0	33.3	33.3
1600+51	LT	95.0	52.0	10.0	81.7	81.7
1600+95	RT	39.0	16.0	10.0	30.6	30.6
1603+08	LT	95.0	52.0	10.0	81.7	81.7
1603+08	RT	80.0	42.0	10.0	67.8	67.8
1608+34	LT	43.0	17.0	10.0	33.3	33.3
1608+98	LT	43.0	17.0	10.0	33.3	33.3
1609+18	RT	40.0	16.0	10.0	31.1	31.1
1610+82	RT	41.0	17.0	10.0	32.2	32.2
1611+70	LT	41.0	16.0	10.0	31.7	31.7
1612+00	RT	42.0	17.0	10.0	32.8	32.8
1612+48	LT	70.0	41.0	10.0	61.7	61.7
1613+70	LT	42.0	18.0	10.0	33.3	33.3
1618+71	LT	48.0	24.0	10.0	40.0	40.0
1619+25	LT	44.0	17.0	10.0	33.9	33.9
1626+02	LT	44.0	18.0	10.0	34.4	34.4
1626+04	RT	69.0	41.0	10.0	61.1	61.1
1626+84	LT	86.0	65.0	10.0	83.9	83.9
1627+80	LT	86.0	65.0	10.0	83.9	83.9
1628+50	RT	41.0	32.0	10.0	40.6	40.6
1628+95	RT	41.0	32.0	10.0	40.6	40.6
1635+05	LT	38.0	16.0	10.0	30.0	30.0
1635+59	RT	40.0	16.0	10.0	31.1	31.1
1639+15	LT	48.0	31.0	10.0	43.9	43.9
1644+48	LT	37.0	16.0	10.0	29.4	29.4
1666+00	LT	73.0	37.0	10.0	61.1	61.1
1666+00	RT	54.0	24.0	10.0	43.3	43.3
TABLE 2 TOTAL =						1,905.6
TABLE 1 TOTAL =						2,101.7
TABLE 2 TOTAL =						1,905.6
GRAND TOTAL =						4,007.2
ROUND TO:						4,008.0

MODEL: Default
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USER NAME = jessica.hille	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/25/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: SHEET 2 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	17
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

TEMPORARY RAMPS

STATIONING		LT/RT	LENGTH (FEET)	WIDTH (FEET)	AREA (SQ YD)	TEMPORARY RAMP (SQ YD)
FROM	TO					
MAINLINE AFTER MILLING						
1311+50.00	1311+62.50	-----	12.50	24.00	33.3	33.3
1509+12.50	1509+25.00	-----	12.50	26.00	36.1	36.1
1511+01.00	1511+13.50	-----	12.50	26.00	36.1	36.1
1658+72.50	1658+85.00	-----	12.50	28.00	38.9	38.9
1661+60.00	1661+72.50	-----	12.50	26.00	36.1	36.1
1676+93.50	1677+06.00	-----	12.50	26.00	36.1	36.1
MAINLINE AFTER PLACING LEVEL BINDER						
1358+32.00	1358+39.00	-----	7.00	30.00	23.3	23.3
1509+18.00	1509+25.00	-----	7.00	26.00	20.2	20.2
1511+01.00	1511+08.00	-----	7.00	26.00	20.2	20.2
1658+78.00	1658+85.00	-----	7.00	28.00	21.8	21.8
1661+60.00	1661+67.00	-----	7.00	26.00	20.2	20.2
1676+99.00	1677+06.00	-----	7.00	26.00	20.2	20.2
TOTAL =						343

SURVEY MARKERS

LOCATION	OFFSET	PROTECTING OR RESETTING SURVEY MARKERS Z0049799
		(EACH)
1360+00	CL	1
1389+00	CL	1
1424+40	7.0' RT.	1
1430+99.81	0.5' LT.	1
1451+22	18.45' LT.	1
1451+22	19.32' RT.	1
1490+00	CL	1
1505+00	0.25' LT.	1
1505+00.06	CL	1
1524+99.97	CL	1
1558+83	1.86' RT.	1
1612+50	1.0' RT.	1
1612+96.78	CL	1
1633+00	CL	1
1638+03.20	CL	1
1639+30	+/- 1.0' RT.	1
1651+00	CL	1
TOTAL =		17

TEMPORARY RAMPS, SPECIAL

STATIONING		LT/RT	LENGTH (FEET)	WIDTH (FEET)	AREA (SQ YD)	TEMPORARY RAMP, SPECIAL (SQ YD)
FROM	TO					
1311+74.00	1312+23.00	RT	49.00	2.00	10.9	21.8
1312+20.00	1312+65.00	LT	45.00	2.00	10.0	20.0
1313+66.00	1314+01.00	LT	35.00	2.00	7.8	15.6
1314+37.00	1314+80.00	LT	43.00	2.00	9.6	19.1
1314+36.00	1315+06.00	RT	70.00	2.00	15.6	31.1
1315+33.00	1315+66.00	LT	33.00	2.00	7.3	14.7
1316+04.00	1316+38.00	LT	34.00	2.00	7.6	15.1
1316+99.00	1317+37.00	LT	38.00	2.00	8.4	16.9
1317+38.00	1318+07.00	RT	69.00	2.00	15.3	30.7
1317+47.00	1318+14.00	LT	67.00	2.00	14.9	29.8
1318+41.00	1319+06.00	LT	65.00	2.00	14.4	28.9
1318+95.00	1319+23.00	RT	28.00	2.00	6.2	12.4
1319+06.00	1319+71.00	LT	65.00	2.00	14.4	28.9
1319+90.00	1320+64.00	LT	74.00	2.00	16.4	32.9
1320+75.00	1321+44.00	RT	69.00	2.00	15.3	30.7
1320+79.00	1321+39.00	LT	60.00	2.00	13.3	26.7
1322+10.00	1322+39.00	RT	29.00	2.00	6.4	12.9
1322+54.00	1322+96.00	RT	42.00	2.00	9.3	18.7
1322+62.00	1323+06.00	LT	44.00	2.00	9.8	19.6
1323+53.00	1323+83.00	RT	30.00	2.00	6.7	13.3
1324+29.00	1324+95.00	RT	66.00	2.00	14.7	29.3
1325+64.00	1325+96.00	LT	32.00	2.00	7.1	14.2
1325+75.00	1326+25.00	RT	50.00	2.00	11.1	22.2
1326+46.00	1327+28.00	LT	82.00	2.00	18.2	36.4
1327+61.00	1328+26.00	RT	65.00	2.00	14.4	28.9
1328+26.00	1328+86.00	RT	60.00	2.00	13.3	26.7
1329+05.00	1329+61.00	RT	56.00	2.00	12.4	24.9
1329+14.00	1330+61.00	LT	147.00	2.00	32.7	65.3
1329+61.00	1330+77.00	RT	116.00	2.00	25.8	51.6
1330+76.00	1331+49.00	LT	73.00	2.00	16.2	32.4
1331+38.00	1331+83.00	RT	45.00	2.00	10.0	20.0
1332+13.00	1332+60.00	RT	47.00	2.00	10.4	20.9
1332+14.00	1332+86.00	LT	72.00	2.00	16.0	32.0
1332+74.00	1333+34.00	RT	60.00	2.00	13.3	26.7
1333+71.00	1334+63.00	LT	92.00	2.00	20.4	40.9
1334+67.00	1335+26.00	RT	59.00	2.00	13.1	26.2
1335+72.00	1336+29.00	RT	57.00	2.00	12.7	25.3
1336+39.00	1336+80.00	RT	41.00	2.00	9.1	18.2
1336+60.00	1337+45.00	LT	85.00	2.00	18.9	37.8
1338+29.00	1338+52.00	LT	23.00	2.00	5.1	10.2
1338+52.00	1339+30.00	RT	78.00	2.00	17.3	34.7
1339+80.00	1340+39.00	LT	59.00	2.00	13.1	26.2
1339+85.00	1340+55.00	RT	70.00	2.00	15.6	31.1
1341+77.00	1342+50.00	LT	73.00	2.00	16.2	32.4
1341+14.00	1343+03.00	RT	189.00	2.00	42.0	84.0
1342+76.00	1343+44.00	LT	68.00	2.00	15.1	30.2
1343+78.00	1345+64.00	LT	186.00	2.00	41.3	82.7
1343+78.00	1345+80.00	RT	202.00	2.00	44.9	89.8
1347+73.00	1348+08.00	RT	35.00	2.00	7.8	15.6
1349+20.00	1349+62.00	RT	42.00	2.00	9.3	18.7
1349+94.00	1350+35.00	LT	41.00	2.00	9.1	18.2
1351+90.00	1352+38.00	LT	48.00	2.00	10.7	21.3
1352+70.00	1353+16.00	LT	46.00	2.00	10.2	20.4
1354+01.00	1354+25.00	LT	24.00	2.00	5.3	10.7
1354+02.00	1354+68.00	RT	66.00	2.00	14.7	29.3
1354+74.00	1355+17.00	LT	43.00	2.00	9.6	19.1
1357+04.00	1357+57.00	RT	53.00	2.00	11.8	23.6
1357+68.00	1358+00.00	RT	32.00	2.00	7.1	14.2
TOTAL =						1,632.0

MODEL: Default
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USER NAME = jessica.hille	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/25/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES			
SCALE:	SHEET 3	OF 8 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	18
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

HOT-MIX ASPHALT RESURFACING

US 45 MAINLINE																
STATION	TO	STATION	LT/RT	LENGTH (FEET)	TOTAL SHOULDER WIDTH (FEET)	WIDTH (FEET)	AREA (SQ FT)	AREA (SQ YD)	HOT-MIX ASPHALT BINDER THICKNESS (INCH)	HOT-MIX ASPHALT SURFACE COURSE THICKNESS (INCH)	MATERIALS (TACK COAT) 40600290		POLYMERIZED HMA BINDER COURSE IL-9.5FG, N90 40603219	POLYMERIZED HMA SURFACE COURSE, MIX "D", N90 40604164		
											1ST LIFT (POUND)	2ND LIFT (POUND)	(TON)	(TON)		
1311+50.00		1360+00.00	----	4,850.0	0.0	24.0	116,400.0	12,933.3	1.75	2.00	5,820.0	2,910.0	1,267.5	1,448.5		
1360+00.00		1386+17.00	----	2,617.0	6.0	24.0	78,510.0	8,723.3	1.75	2.00	3,925.5	1,962.8	854.9	977.0		
1386+17.00		1392+33.00	----	616.0	6.0	24.0	18,480.0	2,053.3		2.25		462.0		258.7		
1392+33.00		1392+78.00	----	45.0	6.0	24.0	1,350.0	150.0	1.75	2.00	67.5	33.8	14.7	16.8		
1392+78.00		1431+00.00	----	3,822.0	6.0	24.0	114,660.0	12,740.0	1.75	2.00	5,733.0	2,866.5	1,248.5	1,426.9		
1431+00.00		1443+06.66	----	1,206.7	6.0	24.0	36,199.8	4,022.2	1.75	2.00	1,810.0	905.0	394.2	450.5		
1443+06.66		1449+41.66	----	635.0	6.0	24.0	19,050.0	2,116.7	1.75	2.00	952.5	476.3	207.4	237.1		
1449+41.66		1452+07.56	----	265.9	6.0	24.0	7,977.0	886.3	1.75	2.00	398.8	199.4	86.9	99.3		
1452+07.56		1459+32.56	----	725.0	6.0	24.0	21,750.0	2,416.7	1.75	2.00	1,087.5	543.8	236.8	270.7		
STATION EQUATION: STA. 1459+32.56 (BK.) = STA. 1459+37.58 (AH.)																
1459+37.58		1475+00.00	----	1,562.4	6.0	24.0	46,872.6	5,208.1	1.75	2.00	2,343.6	1,171.8	510.4	583.3		
1475+00.00		1490+00.00	----	1,500.0	6.0	24.0	45,000.0	5,000.0	1.75	2.00	2,250.0	1,125.0	490.0	560.0		
1490+00.00		1505+00.00	----	1,500.0	6.0	24.0	45,000.0	5,000.0	1.75	2.00	2,250.0	1,125.0	490.0	560.0		
1505+00.00		1507+23.40	----	223.4	6.0	24.0	6,702.0	744.7	1.75	2.00	335.1	167.5	73.0	83.4		
1507+23.40		1508+03.90	----	80.5	4.0	24.0	2,254.0	250.4	1.75	2.00	112.7	56.4	24.5	28.0		
1508+03.90		1508+80.00	----	76.1	2.0	24.0	1,978.6	219.8	1.75	2.00	98.9	49.5	21.5	24.6		
1508+80.00		1509+25.00	----	45.0	2.0	24.0	1,170.0	130.0	1.75	2.00	58.5	29.3	12.7	14.6		
PAVING OMISSION: S.N. 013-0041																
1511+01.00		1511+46.00	----	45.0	2.0	24.0	1,170.0	130.0	1.75	2.00	58.5	29.3	12.7	14.6		
1511+46.00		1512+72.20	----	126.2	2.0	24.0	3,281.2	364.6	1.75	2.00	164.1	82.0	35.7	40.8		
1512+72.20		1512+96.00	----	23.8	4.0	24.0	666.4	74.0	1.75	2.00	33.3	16.7	7.3	8.3		
1512+96.00		1525+00.00	----	1,204.0	6.0	24.0	36,120.0	4,013.3	1.75	2.00	1,806.0	903.0	393.3	449.5		
1525+00.00		1558+75.00	----	3,375.0	6.0	24.0	101,250.0	11,250.0	1.75	2.00	5,062.5	2,531.3	1,102.5	1,260.0		
1558+75.00		1580+00.00	----	2,125.0	6.0	24.0	63,750.0	7,083.3	1.75	2.00	3,187.5	1,593.8	694.2	793.3		
1580+00.00		1595+00.00	----	1,500.0	6.0	24.0	45,000.0	5,000.0	1.75	2.00	2,250.0	1,125.0	490.0	560.0		
1595+00.00		1612+44.50	----	1,744.5	6.0	24.0	52,335.0	5,815.0	1.75	2.00	2,616.8	1,308.4	569.9	651.3		
1612+44.50		1633+00.00	----	2,055.5	6.0	24.0	61,665.0	6,851.7	1.75	2.00	3,083.3	1,541.6	671.5	767.4		
1633+00.00		1651+00.00	----	1,800.0	6.0	24.0	54,000.0	6,000.0	1.75	2.00	2,700.0	1,350.0	588.0	672.0		
1651+00.00		1658+40.00	----	740.0	6.0	24.0	22,200.0	2,466.7	1.75	2.00	1,110.0	555.0	241.7	276.3		
1658+40.00		1658+85.00	----	45.0	3.0	28.0	1,260.0	140.0	1.75	2.00	63.0	31.5	13.7	15.7		
1661+58.00		1677+06.00	----	1,548.0	0	26	40,248.0	4,472.0	1.75	2.00	2,012.4	1,006.2	438.3	500.9		
											SUB TOTAL =		51,391.0	26,157.5		
											MAINLINE TOTAL =		77,548		11,192	13,049

US 45 SHOULDERS													
STATION	TO	STATION	LT/RT	LENGTH (FEET)	WIDTH (FEET)	AREA (SQ FT)	AREA (SQ YD)	BITUMINOUS MATERIALS (TACK COAT) 40600290		HOT-MIX ASPHALT SHOULDER, 3 3/4" 48203012			
								1ST LIFT (POUND)	2ND LIFT (POUND)				
1413+49.50		1413+66.80	LT	17.3	7.5	129.7	14.4	6.5	3.2	14.4			
1413+66.80		1413+95.10	LT	28.3	15.0	424.5	47.2	21.2	10.6	47.2			
1413+95.10		1414+10.60	LT	15.5	7.5	116.3	12.9	5.8	2.9	12.9			
1508+03.90		1508+19.90	LT	16.0	6.0	96.0	10.7	4.8	2.4	10.7			
1508+19.90		1509+10.00	LT	90.1	10.0	901.0	100.1	45.1	22.5	100.1			
1509+10.00		1509+25.00	LT	15.0	10.0	150.0	16.7	7.5	3.8	16.7			
1511+01.00		1511+16.00	LT	15.0	10.0	150.0	16.7	7.5	3.8	16.7			
1511+16.00		1512+73.10	LT	157.1	10.0	1,571.0	174.6	78.6	39.3	174.6			
1512+73.10		1512+96.00	LT	23.0	6.0	138.0	15.3	6.9	3.5	15.3			
1635+93.00		1637+70.00	LT	177.0	7.0	1,239.0	137.7	62.0	31.0	137.7			
1637+70.00		1637+90.00	LT	20.0	12.0	240.0	26.7	12.0	6.0	26.7			
1637+90.00		1638+16.40	LT	26.4	17.0	448.8	49.9	22.4	11.2	49.9			
1638+16.40		1638+36.20	LT	19.8	12.0	237.6	26.4	11.9	5.9	26.4			
1638+36.20		1640+13.00	LT	176.8	7.0	1,237.6	137.5	61.9	30.9	137.5			
1411+81.00		1413+14.00	RT	133.0	5.0	665.0	73.9	33.3	16.6	73.9			
1413+14.00		1413+40.80	RT	26.8	10.0	268.0	29.8	13.4	6.7	29.8			
1413+40.80		1413+69.20	RT	28.4	15.0	426.0	47.3	21.3	10.7	47.3			
1413+69.20		1413+88.00	RT	18.8	10.0	188.0	20.9	9.4	4.7	20.9			
1413+88.00		1415+36.00	RT	148.0	5.0	740.0	82.2	37.0	18.5	82.2			
1507+23.40		1507+37.00	RT	13.6	7.4	100.6	11.2	5.0	2.5	11.2			
1507+37.00		1509+10.00	RT	173.0	12.8	2,214.4	246.0	110.7	55.4	246.0			
1509+10.00		1509+25.00	RT	15.0	12.8	192.0	21.3	9.6	4.8	21.3			
1507+31.00		1509+25.00	RT	194.0	5.5	1,067.0	118.6	53.4	26.7	118.6			
1511+01.00		1511+16.00	RT	15.0	11.7	175.5	19.5	8.8	4.4	19.5			
1511+16.00		1512+61.50	RT	145.5	11.7	1,702.4	189.2	85.1	42.6	189.2			
1512+61.50		1512+72.20	RT	10.7	6.9	73.8	8.2	3.7	1.8	8.2			
1637+70.90		1637+90.00	RT	19.1	7.5	143.3	15.9	7.2	3.6	15.9			
1637+90.00		1638+16.40	RT	26.4	15.0	396.0	44.0	19.8	9.9	44.0			
1638+16.40		1638+36.20	RT	19.8	7.5	148.5	16.5	7.4	3.7	16.5			
1657+85.00		1658+85.00	RT	100.0	3.0	300.0	33.3	15.0	7.5	33.3			
								SUB TOTAL =		794.0	397.0		
								SHOULDERS TOTAL ROUNDED =		1,191		1,764	

MODEL: Default
 FILE: Mainline_Schedule.pwg
 C:\Users\jessica\Documents\DOT Office\Drawings\Project\7476\US45\Mainline_Schedule.dwg
 PROJECT: 7476\US45\Mainline_Schedule.dwg

USER NAME = jessica\jille	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/25/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: SHEET 4 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	19
CONTRACT NO. 74761				
		ILLINOIS	FED. AID PROJECT	

SCHEDULE OF QUANTITIES

LONGITUDINAL JOINT SEALANT

AGGREGATE WEDGE SHOULDER, TYPE B

STATION	TO	STATION	LENGTH (FOOT)	LONGITUDINAL JOINT SEALANT
				40600370 (FOOT)
1311+50.00		1386+17.00	7,467.0	7,467.0
1386+17.00		1392+33.00	616.0	616.0
1392+33.00		1431+00.00	3,867.0	3,867.0
1431+00.00		1443+06.66	1,206.7	1,206.7
1443+06.66		1449+41.66	635.0	635.0
1449+41.66		1452+07.56	265.9	265.9
1452+07.56		1459+32.56	725.0	725.0
STATION EQUATION: STA. 1459+32.56 (BK.) = STA. 145937.58 (AH.)				
1459+37.58		1475+00.00	1,562.4	1,562.4
1475+00.00		1490+00.00	1,500.0	1,500.0
1490+00.00		1505+00.00	1,500.0	1,500.0
1505+00.00		1507+23.40	223.4	223.4
1507+23.40		1508+03.90	80.5	80.5
1508+03.90		1509+25.00	121.1	121.1
PAVING OMISSION: S.N. 013-0042				
1511+01.00		1512+72.20	171.2	171.2
1512+72.20		1512+96.00	23.8	23.8
1512+96.00		1525+00.00	1,204.0	1,204.0
1525+00.00		1558+75.00	3,375.0	3,375.0
1558+75.00		1580+00.00	2,125.0	2,125.0
1580+00.00		1595+00.00	1,500.0	1,500.0
1595+00.00		1612+44.50	1,744.5	1,744.5
1612+44.50		1633+00.00	2,055.5	2,055.5
1633+00.00		1651+00.00	1,800.0	1,800.0
1651+00.00		1658+85.00	785.0	785.0
1661+58.00		1677+06.00	1,548.0	1,548.0
			TOTAL =	36,102.0

STATION	TO	STATION	LT/RT	LENGTH (FEET)	WIDTH (FEET)	VOLUME (CU YD)	AGGREGATE WEDGE SHOULDER, TYPE B	
							48102100 (TON)	
US 45 NORTHBOUND								
1358+32.00		1358+47.00	LT	15.0	3.0	0.5	1.0	
1358+47.00		1386+02.00	LT	2,755.0	3.0	92.6	189.8	
1386+02.00		1386+17.00	LT	15.0	3.0	0.5	1.0	
1386+17.00		1392+33.00	LT	616.0	3.0	20.7	42.4	
1392+33.00		1392+48.00	LT	15.0	3.0	0.5	1.0	
1392+48.00		1413+49.50	LT	2,101.5	3.0	70.6	144.8	
1413+49.50		1431+00.00	LT	1,689.4	3.0	56.8	115.4	
1431+00.00		1443+06.66	LT	1,206.7	3.0	40.6	83.1	
1443+06.66		1449+41.66	LT	635.0	3.0	21.3	43.8	
1449+41.66		1452+07.56	LT	265.9	3.0	8.9	18.3	
1452+07.56		1459+32.56	LT	725.0	3.0	24.4	50.0	
STATION EQUATION: STA. 1459+32.56 (BK.) = STA. 1459+37.58 (AH.)								
1459+37.58		1475+00.00	LT	1,562.4	3.0	52.5	107.7	
1475+00.00		1490+00.00	LT	1,500.0	3.0	50.4	103.4	
1490+00.00		1505+00.00	LT	1,500.0	3.0	50.4	103.4	
1505+00.00		1508+03.90	LT	303.9	3.0	10.2	20.9	
1512+96.00		1525+00.00	LT	1,204.0	3.0	40.5	83.0	
1525+00.00		1558+75.00	LT	3,375.0	3.0	113.4	232.5	
1558+75.00		1580+00.00	LT	2,125.0	3.0	71.4	145.4	
1580+00.00		1595+00.00	LT	1,500.0	3.0	50.4	103.4	
1595+00.00		1612+44.50	LT	1,744.5	3.0	58.6	120.2	
1612+44.50		1633+00.00	LT	2,055.5	3.0	69.1	141.6	
1633+00.00		1635+93.00	LT	293.0	3.0	9.8	20.2	
1640+13.00		1658+70.00	LT	1,857.0	3.0	62.4	128.0	
1658+70.00		1658+85.00	LT	15.0	3.0	0.5	1.0	
1661+55.00		1665+77.00	LT	442.0	5.0	24.8	50.8	
							NORTHBOUND TOTAL =	2,063.5

STATION	TO	STATION	LT/RT	LENGTH (FEET)	WIDTH (FEET)	VOLUME (CU YD)	AGGREGATE WEDGE SHOULDER, TYPE B	
							48102100 (TON)	
US 45 SOUTHBOUND								
1358+32.00		1358+47.00	RT	15.0	3.0	0.5	1.0	
1358+47.00		1386+02.00	RT	2,755.0	3.0	92.6	189.8	
1386+02.00		1386+17.00	RT	15.0	3.0	0.5	1.0	
1386+17.00		1392+33.00	RT	616.0	3.0	20.7	42.4	
1392+33.00		1392+48.00	RT	15.0	3.0	0.5	1.0	
1392+48.00		1411+81.00	RT	1,933.0	3.0	65.0	133.2	
1411+81.00		1431+00.00	RT	1,564.0	3.0	52.6	107.8	
1431+00.00		1443+06.66	RT	1,206.7	3.0	40.6	83.1	
1443+06.66		1449+41.66	RT	635.0	3.0	21.3	43.8	
1449+41.66		1452+07.56	RT	265.9	3.0	8.9	18.3	
1452+07.56		1459+32.56	RT	725.0	3.0	24.4	50.0	
STATION EQUATION: STA. 1459+32.56 (BK.) = STA. 1459+37.58 (AH.)								
1459+37.58		1475+00.00	RT	1,562.4	3.0	52.5	107.7	
1475+00.00		1490+00.00	RT	1,500.0	3.0	50.4	103.4	
1490+00.00		1505+00.00	RT	1,500.0	3.0	50.4	103.4	
1505+00.00		1507+23.40	RT	223.4	3.0	7.5	15.4	
1512+72.20		1525+00.00	RT	1,227.8	3.0	41.3	84.6	
1525+00.00		1558+75.00	RT	3,375.0	3.0	113.4	232.5	
1558+75.00		1580+00.00	RT	2,125.0	3.0	71.4	146.4	
1580+00.00		1595+00.00	RT	1,500.0	3.0	50.4	103.4	
1595+00.00		1612+44.50	RT	1,744.5	3.0	58.6	120.2	
1612+44.50		1633+00.00	RT	2,055.5	3.0	69.1	141.6	
1633+00.00		1637+70.90	RT	470.9	3.0	15.8	32.4	
1638+36.20		1658+70.00	RT	2,033.8	3.0	68.4	140.1	
1658+70.00		1658+85.00	RT	15.0	3.0	0.5	1.0	
1661+55.00		1665+77.00	RT	422.0	5.0	23.6	48.5	
							SOUTHBOUND TOTAL =	2,066.4
AGGREGATE SHOULDER DEDUCTION FOR ENTRANCES								
VARIOUS			LT/RT	5,026.0	3.0	168.7	345.8	
							NORTHBOUND TOTAL =	2,063.5
							SOUTHBOUND TOTAL =	2,066.4
							DEDUCTION FOR ENTRANCES =	345.8
							GRAND TOTAL =	3,784.0
							ROUND TO:	3,784.0

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USER NAME = jessica.ville	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/25/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: SHEET 5 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	20
			CONTRACT NO. 74761	
		ILLINOIS	FED. AID PROJECT	

SCHEDULE OF QUANTITIES

PAVEMENT MARKING

LINE/SD/NPZ	LT/RT/CL	LOCATION	STATION	TO	STATION	LENGTH (FEET)	STRIPE WIDTH (INCH)	NUMBER OF STRIPE	SHORT TERM MARKING		SHORT TERM PAVEMENT MARKING REMOVAL 70300150 (SQ FT)	PAINT PAVEMENT MARKING - LINE 4"		THERMOPLASTIC PAVEMENT MARKING 6" 78000400 (FOOT)	GROOVING FOR RECESSED PAVEMENT MARKING 7" 78011035 (FOOT)
									WHITE	YELLOW		WHITE	YELLOW		
									70300100 (FOOT)			78001110 (FOOT)			
LINE	LT & RT	EL	1311+50.00		1358+32.00	4682	4.0	2						120.0	120.0
LINE	LT & RT	EL	1358+32.00		1386+17.00	2,785.0	4.0	2				5,570.0			
LINE	LT & RT	EL	1386+17.00		1392+33.00	616.0	4.0	2				1,232.0			
LINE	LT & RT	EL	1392+33.00		1424+17.00	3,184.0	4.0	2				6,368.0			
LINE	LT & RT	EL	1424+17.00		1431+00.00	613.0	4.0	2				1,226.0			
LINE	LT & RT	EL	1431+00.00		1443+06.66	1,206.7	4.0	2				2,413.3			
LINE	LT & RT	EL	1443+06.66		1449+41.66	635.0	4.0	2				1,270.0			
LINE	LT & RT	EL	1449+41.66		1452+07.56	265.9	4.0	2				531.8			
LINE	LT & RT	EL	1452+07.56		1459+32.56	725.0	4.0	2				1,450.0			
STATION EQUATION: STA. 1459+32.56 (BK) = STA. 1459+37.58 (AH)															
LINE	LT & RT	EL	1459+37.58		1475+00.00	1,562.4	4.0	2				3,124.8			
LINE	LT & RT	EL	1475+00.00		1490+00.00	1,500.0	4.0	2				3,000.0			
LINE	LT & RT	EL	1490+00.00		1504+67.00	1,467.0	4.0	2				2,934.0			
LINE	LT & RT	EL	1505+32.00		1507+23.40	191.4	4.0	2				382.8			
LINE	LT & RT	EL	1507+23.40		1508+03.90	80.5	4.0	2				161.0			
LINE	LT & RT	EL	1508+03.90		1509+25.00	121.1	4.0	2				246.2			
LINE	LT & RT	EL	1509+25.00		1511+01.00	176.0	4.0	2				352.0			
LINE	LT & RT	EL	1511+01.00		1512+72.20	171.2	4.0	2				342.4			
LINE	LT & RT	EL	1512+72.20		1512+96.00	23.8	4.0	2				47.6			
LINE	LT & RT	EL	1512+96.00		1525+00.00	1,204.0	4.0	2				2,408.0			
LINE	LT & RT	EL	1525+00.00		1558+55.00	3,355.0	4.0	2				6,710.0			
LINE	LT & RT	EL	1559+23.00		1580+00.00	2,077.0	4.0	2				4,154.0			
LINE	LT & RT	EL	1580+00.00		1595+00.00	1,500.0	4.0	2				3,000.0			
LINE	LT & RT	EL	1595+00.00		1612+14.00	1,714.0	4.0	2				3,428.0			
LINE	RT	EL	1612+14.00		1612+83.00	69.0	4.0	1				69.0			
LINE	LT & RT	EL	1612+83.00		1625+68.00	1,285.0	4.0	2				2,570.0			
LINE	LT	EL	1625+68.00		1626+37.00	69.0	4.0	1				69.0			
LINE	LT & RT	EL	1626+37.00		1633+00.00	663.0	4.0	2				1,326.0			
LINE	LT & RT	EL	1633+00.00		1638+78.00	578.0	4.0	2				1,156.0			
LINE	RT	EL	1638+78.00		1639+62.00	84.0	4.0	1				84.0			
LINE	LT & RT	EL	1639+62.00		1651+00.00	1,138.0	4.0	2				2,276.0			
LINE	LT & RT	EL	1651+00.00		1658+85.00	785.0	4.0	2				1,570.0			
LINE	LT & RT	EL	1661+60.00		1677+06.00	1,546.0	4.0	2.0				3,092.0			
SD	LT	SHOULDER	1413+49.50		1414+10.60	61.1	4.0	0.12	7.3		2.4				
SD	LT	SHOULDER	1508+03.90		1509+25.00	121.1	4.0	0.12	14.5		4.8				
SD	LT	SHOULDER	1511+01.00		1512+96.00	195.0	4.0	0.12	23.4		7.8				
SD	LT	SHOULDER	1635+93.00		1640+13.00	420.0	4.0	0.12	50.4		16.8				
SD	RT	SHOULDER	1411+81.00		1415+36.00	355.0	4.0	0.12	42.6		14.2				
SD	RT	SHOULDER	1507+23.40		1509+25.00	201.6	4.0	0.12	24.2		8.1				
SD	RT	SHOULDER	1511+01.00		1512+72.20	171.2	4.0	0.12	20.5		6.8				
SD	RT	SHOULDER	1637+70.90		1638+36.20	65.3	4.0	0.12	7.8		2.6				
SUB TOTAL 1 =									191	0	64	62,564	0	120	120

EL = EDGE LINE
SD = SKIP DASH
NPZ = CENTERLINE NO PASSING ZONE

REV. - MS

MODEL: Default
FILE: M:\GIS\Projects\74761\CAD\Drawings\DOT_Offices\Drawings\74761\SPH-Schedule.dgn

USER NAME = jessica.hille	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULES OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -		328	(5,6)RS-1	CLAY	72	21				
PLOT DATE = 10/25/2023	CHECKED -	REVISED -		CONTRACT NO. 74761				ILLINOIS FED. AID PROJECT				
	DATE -	REVISED -		SCALE:	SHEET 6	OF 8	SHEETS	STA.	TO STA.			

SCHEDULE OF QUANTITIES

PAVEMENT MARKING (CONTINUED)

LINE/SD/NPZ	LT/RT/CL	LOCATION	STATION	TO	STATION	LENGTH (FEET)	STRIPE WIDTH (INCH)	NUMBER OF STRIPE	SHORT TERM PAVEMENT		SHORT TERM PAVEMENT MARKING		PAINT PAVEMENT MARKING - LINE 4"		THERMOPLASTIC PAVEMENT MARKING - LINE 4"		RAISED REFLECTIVE PAVEMENT oav	RAISED REFLECTIVE PAVEMENT MARKER	GROOVING FOR RECESSED PAVEMENT
									WHITE	YELLOW	REMOVAL	REMOVAL	WHITE	YELLOW	WHITE	YELLOW	AMBER	AMBER	MARKING 5"
									70300100 (FOOT)	70300150 (FOOT)	78001110 (FOOT)	78000200 (FOOT)	78100100 (EACH)	78300200 (EACH)	78011025 (FOOT)				
SD	CL	CL	1311+50.00		1358+32.00	4682.00	4.0	0.25		1404.6	468.2				1170.5	58.5	58.5	1170.5	
SD	CL	CL	1358+32.00		1386+17.00	2,785.0	4.0	0.25	835.5	278.5		696.3				34.8	34.8		
SD	CL	CL	1386+17.00		1390+36.00	419.0	4.0	0.00	125.7	41.9		104.8				5.2	5.2		
NPZ	CL	CL	1390+36.00		1392+33.00	197.0	4.0	0.00	59.1	19.7		246.3				2.5	2.5		
NPZ	CL	CL	1392+33.00		1395+73.00	340.0	4.0	1.25	102.0	34.0		425.0				4.3	4.3		
SD	CL	CL	1395+73.00		1402+08.00	635.0	4.0	0.25	190.5	63.5		158.8				7.9	7.9		
NPZ	CL	CL	1402+08.00		1407+19.00	511.0	4.0	1.25	153.3	51.1		638.8				7.4	7.4		
SD	CL	CL	1407+19.00		1422+14.00	1,495.0	4.0	0.25	448.5	149.5		373.8				18.7	18.7		
NPZ	CL	CL	1422+14.00		1429+90.00	776.0	4.0	1.25	232.8	77.6		970.0				9.7	9.7		
SD	CL	CL	1429+90.00		1431+00.00	110.0	4.0	0.25	33.0	11.0		27.5				1.4	1.4		
SD	CL	CL	1431+00.00		1432+59.00	159.0	4.0	0.25	47.7	15.9		39.8				2.0	2.0		
NPZ	CL	CL	1432+59.00		1439+81.00	722.0	4.0	1.25	216.6	72.2		902.5				9.0	9.0		
SD	CL	CL	1439+81.00		1443+06.66	325.7	4.0	0.25	97.7	32.6		81.4				4.1	4.1		
SD	CL	CL	1443+06.66		1449+41.66	635.0	4.0	0.25	190.5	63.5		158.8				7.9	7.9		
SD	CL	CL	1449+41.66		1452+07.56	265.9	4.0	0.25	79.8	26.6		66.5				3.3	3.3		
SD	CL	CL	1452+07.56		1459+32.56	725.0	4.0	0.25	217.5	72.5		181.3				9.1	9.1		
STATION EQUATION: STA. 1459+32.56 (BK) = STA. 1459+37.58 (AH)																			
SD	CL	CL	1459+37.58		1466+61.00	723.4	4.0	0.25	217.0	72.3		180.9				9.0	9.0		
NPZ	CL	CL	1466+61.00		1471+76.00	515.0	4.0	1.25	154.5	51.5		643.8				6.4	6.4		
SD	CL	CL	1471+76.00		1475+00.00	324.0	4.0	0.25	97.2	32.4		81.0				4.1	4.1		
SD	CL	CL	1475+00.00		1477+93.00	293.0	4.0	0.25	87.9	29.3		73.3				3.7	3.7		
NPZ	CL	CL	1477+93.00		1483+35.00	542.0	4.0	1.25	162.6	54.2		677.5				6.8	6.8		
SD	CL	CL	1483+35.00		1490+00.00	665.0	4.0	0.25	199.5	66.5		166.3				8.3	8.3		
SD	CL	CL	1490+00.00		1505+00.00	1,500.0	4.0	0.25	450.0	150.0		375.0				18.8	18.8		
SD	CL	CL	1505+00.00		1507+23.40	223.4	4.0	0.25	67.0	22.3		55.8				2.8	2.8		
SD	CL	CL	1507+23.40		1508+03.90	80.5	4.0	0.25	24.2	8.1		20.1				1.0	1.0		
SD	CL	CL	1508+03.90		1509+25.00	121.1	4.0	0.25	36.3	12.1		30.3				1.5	1.5		
SD	CL	CL	1509+25.00		1511+01.00	176.0	4.0	0.00	52.8	17.6		44.0				0.0	0.0		
SD	CL	CL	1511+01.00		1512+72.20	171.2	4.0	0.25	51.4	17.1		42.8				2.1	2.1		
SD	CL	CL	1512+72.20		1512+96.00	23.8	4.0	0.25	7.1	2.4		5.9				0.3	0.3		
SD	CL	CL	1512+96.00		1514+86.00	190.0	4.0	0.25	57.0	19.0		47.5				2.4	2.4		
NPZ	CL	CL	1514+86.00		1519+49.00	463.0	4.0	1.25	138.9	46.3		578.8				5.8	5.8		
SD	CL	CL	1519+49.00		1524+04.00	455.0	4.0	0.25	136.5	45.5		113.8				5.7	5.7		
NPZ	CL	CL	1524+04.00		1525+00.00	96.0	4.0	1.25	28.8	9.6		120.0				1.2	1.2		
NPZ	CL	CL	1525+00.00		1530+18.00	518.0	4.0	1.25	156.4	52.1		647.5				6.5	6.5		
SD	CL	CL	1530+18.00		1558+75.00	2,857.0	4.0	0.25	857.1	285.7		714.3				35.7	35.7		
SD	CL	CL	1558+75.00		1580+00.00	2,125.0	4.0	0.25	637.5	212.5		531.3				26.6	26.6		
SD	CL	CL	1580+00.00		1595+00.00	1,500.0	4.0	0.25	450.0	150.0		375.0				18.8	18.8		
SD	CL	CL	1595+00.00		1612+44.50	1,744.5	4.0	0.25	523.4	174.5		436.1				21.8	21.8		
SD	CL	CL	1612+44.50		1633+00.00	2,055.5	4.0	0.25	616.7	205.6		513.9				25.7	25.7		
SD	CL	CL	1633+00.00		1651+00.00	1,800.0	4.0	0.25	540.0	180.0		450.0				22.5	22.5		
SD	CL	CL	1651+00.00		1658+85.00	785.0	4.0	0.25	235.5	78.5		196.3				9.8	9.8		
SD	CL	CL	1661+60.00		1677+06.00	1,546.0	4.0	0.25	463.8	154.6		386.5				19.3	19.3		
SUB TOTAL 2 =									0	10,884	3,628	0	12,579	0	1,171	452	452	1,171	

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: SHEET 7 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	22
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				

SIDEWALK SCHEDULE

LOCATION	QUADRANT	STATION		STATION	OFFSET	44000600	42400300	NOTES
						SIDEWALK REMOVAL	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	
						SQ. FT.	SQ. FT.	
US 45 & VANDALIA ST	NW	1317+45.45	TO	1317+62.29	RT	80.5	107.8	
US 45 & VANDALIA ST	NE	1317+52.95	TO	1317+58.95	LT	83.7	104.2	
US 45 & GARDEN ST	SW	1323+01.47	TO	1323+16.47	RT	108.2	120.9	
US 45 & GARDEN ST	SE	1323+05.97	TO	1323+11.97	LT	98.4	119.4	
US 45 & CHESTNUT ST	SW	1330+34.19	TO	1330+75.78	RT	283.2	395.9	
US 45 & CHESTNUT ST	SE	1330+48.22	TO	1330+65.83	LT	100.9	109.6	
US 45 & MONROE ST	NE	1336+75.18	TO	1336+89.95	LT	160.4	215.0	
US 45 & MONROE ST	NW	1336+55.20	TO	1336+85.14	RT	104.4	117.2	
TOTAL						1020	1290	

DETECTABLE WARNINGS SCHEDULE

LOCATION	QUADRANT	STATION		STATION	OFFSET	42400800	NOTES
						DETECTABLE WARNINGS	
						SQ. FT.	
US 45 & VANDALIA ST	NW	1317+53.55	TO	1317+58.35	RT	10.0	
US 45 & VANDALIA ST	NE	1317+53.55	TO	1317+61.90	LT	23.3	
US 45 & GARDEN ST	SW	1323+06.57	TO	1323+11.37	RT	10.0	
US 45 & GARDEN ST	SE	1323+06.57	TO	1323+11.37	LT	10.0	
US 45 & CHESTNUT ST	SW	1330+34.81	TO	1330+41.68	RT	20.1	
US 45 & CHESTNUT ST	SW	1330+50.84	TO	1330+55.64	RT	10.0	
US 45 & CHESTNUT ST	SE	1330+50.80	TO	1330+55.60	LT	10.0	
US 45 & MONROE ST	NE	1336+75.41	TO	1336+82.08	LT	15.3	
US 45 & MONROE ST	NW	1336+80.67	TO	1336+85.47	RT	10.0	
TOTAL						119	

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 PHONE 618-484-4000
 ILLINOIS LICENSE NO. 164000000-0002
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	23
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				

CURB AND GUTTER SCHEDULE

LOCATION	QUADRANT	STATION		STATION	OFFSET	44000500	60605000	X6061700	NOTES
						COMBINATION CURB AND GUTTER REMOVAL	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL)	
						FOOT	FOOT	FOOT	
US 45 & VANDALIA ST	NW	1317+47.95	TO	1317+64.23	RT	20.4	20.4		
US 45 & VANDALIA ST	NE	1317+47.95	TO	1317+66.48	LT	26.6	26.6		
US 45 & GARDEN ST	SW	1322+98.63	TO	1323+19.47	RT	21.1	13.0	8.1	
US 45 & GARDEN ST	SE	1323+00.43	TO	1323+20.12	LT	25.9	25.9		
US 45 & CHESTNUT ST	SW	1330+31.29	TO	1330+63.39	RT	28.4	28.4		
US 45 & CHESTNUT ST	SE	1330+38.62	TO	1330+62.89	LT	41.9	41.9		
US 45 & MONROE ST	NE	1336+61.12	TO	1336+90.63	LT	45.1	45.1		
US 45 & MONROE ST	NW	1336+71.41	TO	1336+90.57	RT	19.2	10.0	9.2	
TOTAL						229	211	17	

SIGN RELOCATION SCHEDULE

LOCATION	QUADRANT	STATION	OFFSET	72800100	X2600011	NOTES
				TELESCOPING STEEL SIGN SUPPORT	REMOVE AND RELOCATE SIGN PANEL	
				FT	EACH	
US 45 & VANDALIA ST.	NE	1317+58.99	LT	16.0	1	RELOCATE TO STA. 1317+59.75, 30.00' LT
US 45 & MONROE ST.	NE	1336+71.33	LT	16.0	1	RELOCATE TO STA. 1336+70.00, 19.00' LT
US 45 & MONROE ST.	NE	1336+82.70	LT	16.0	1	RELOCATE TO STA. 1336+85.50, 36.50' LT
TOTAL				48	3	

CONCRETE PAVEMENT SCHEDULE

LOCATION	QUADRANT	STATION		STATION	OFFSET	44213200	44000100	42000300	NOTES
						SAW CUTS	PAVEMENT REMOVAL	PORTLAND CEMENT CONCRETE PAVEMENT 8"	
						FT	SQ YD	SQ YD	
US 45 & CHESTNUT ST	SE	1330+36.90	TO	1330+62.77	LT	39.3	12.6	12.6	
US 45 & MONROE ST	NE	1336+61.26	TO	1336+92.59	LT	65.5	30.5	30.5	
TOTAL						105	43	43	

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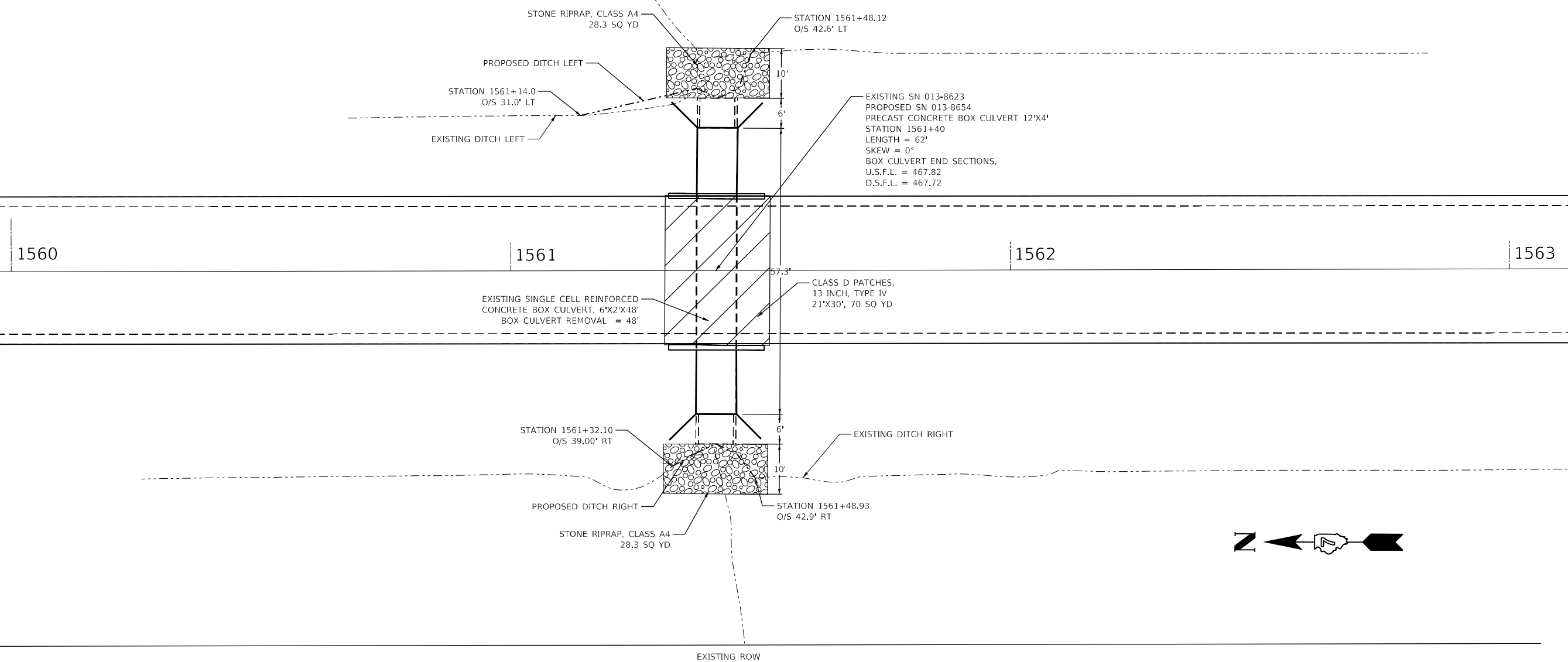
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

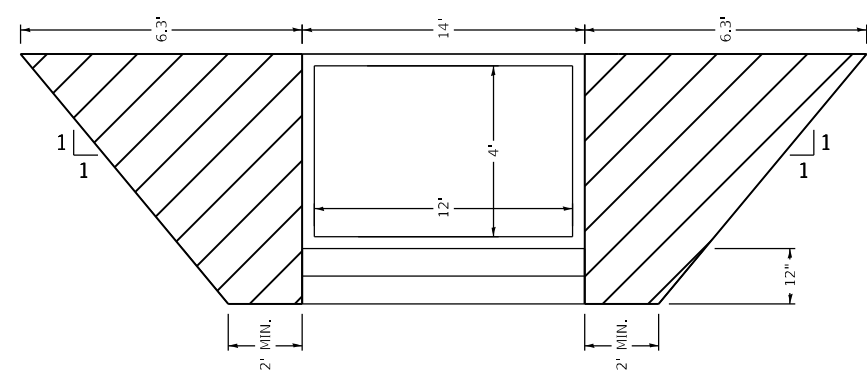
SCHEDULE OF QUANTITIES				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	24
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				

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TEMPORARY SOIL RETENTION SYSTEM



CULVERT NO. 1 BILL OF MATERIALS			
EX SN 013-8623 - PR SN 013-8654 - STATION 1561+40			
20200100	EARTH EXCAVATION	12.0	CU YD
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	44.0	CU YD
20700220	POROUS GRANULAR EMBANKMENT	179.0	CU YD
21400100	GRADING AND SHAPING DITCHES	61.8	FOOT
28100107	STONE RIPRAP, CLASS A4	56.6	SQ YD
28200200	FILTER FABRIC	56.6	SQ YD
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	1.0	EACH
50200100	STRUCTURE EXCAVATION	280.0	CU YD
52200020	TEMPORARY SOIL RETENTION SYSTEM	49.8	SQ FT
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	2.0	EACH
54011204	PRECAST CONCRETE BOX CULVERTS 12'X4'	62.0	FOOT
59100100	GEOCOMPOSITE WALL DRAIN	73.5	SQ YD
X5810103	WATERPROOFING MEMBRANE SYSTEM FOR BURIED STRUCTURES	105.6	SQ YD
Z0054505	ROCK-FILL REPLACEMENT	44.0	TON

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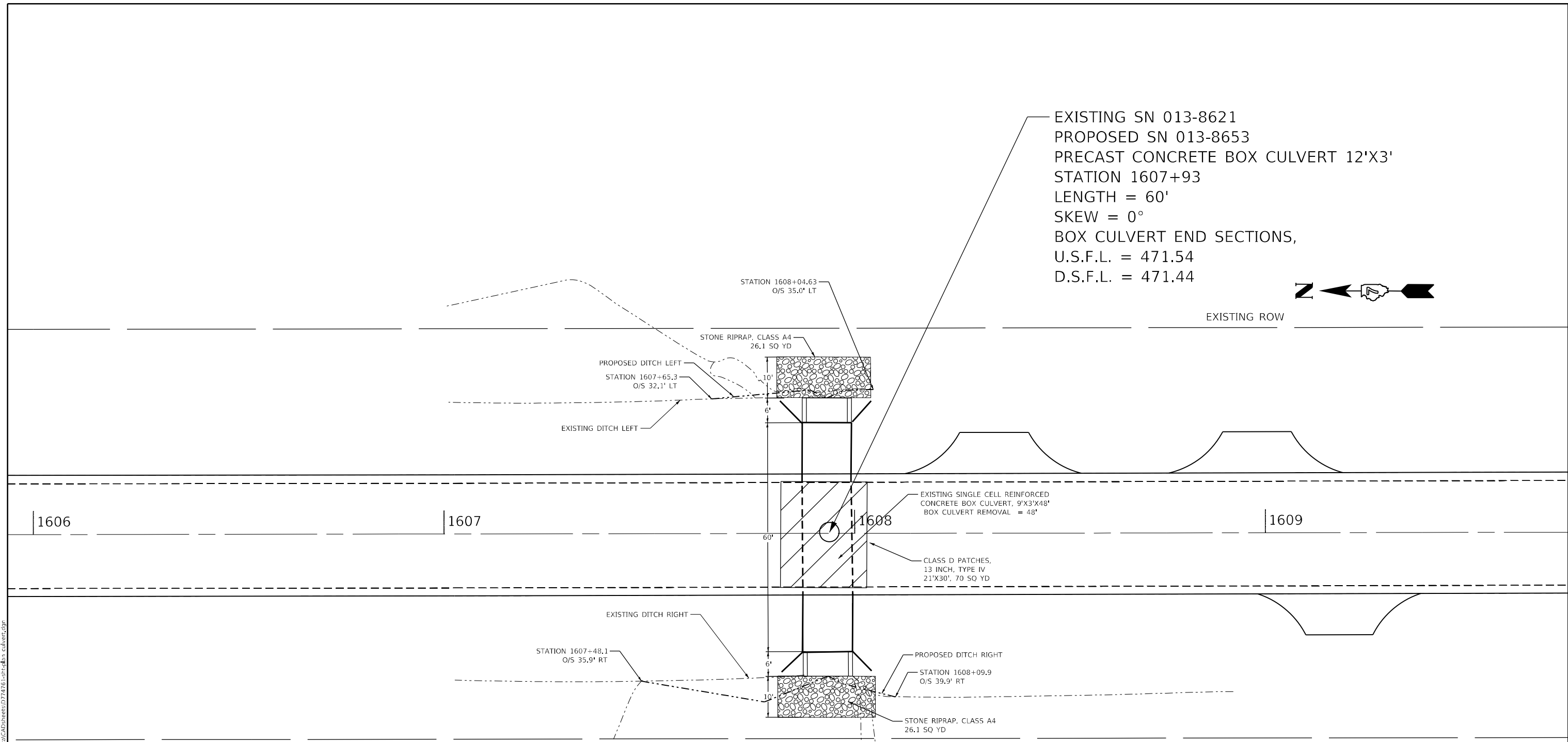
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PRECAST CONCRETE BOX CULVERT
PROPOSED STRUCTURE 12' X 4'

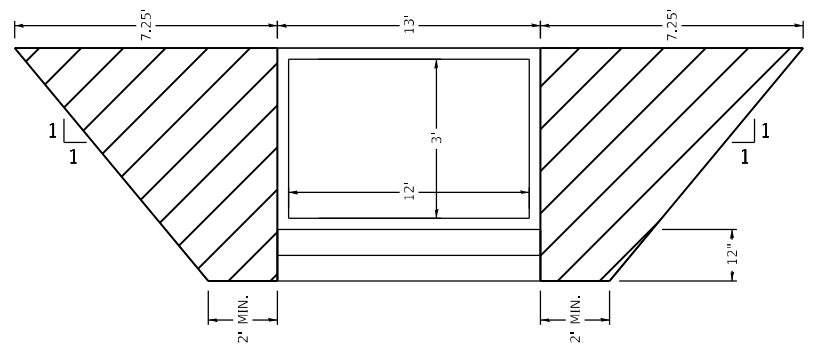
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 328	SECTION (5,6)RS-1	COUNTY CLAY	TOTAL SHEETS 72	SHEET NO. 25
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				

EXISTING SN 013-8621
 PROPOSED SN 013-8653
 PRECAST CONCRETE BOX CULVERT 12'X3'
 STATION 1607+93
 LENGTH = 60'
 SKEW = 0°
 BOX CULVERT END SECTIONS,
 U.S.F.L. = 471.54
 D.S.F.L. = 471.44



TEMPORARY SOIL RETENTION SYSTEM



CULVERT NO. 2 BILL OF MATERIALS			
EX SN 013-8621 - PR SN 013-8653 - STATION 1607+93			
20200100	EARTH EXCAVATION	14.0	CU YD
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	40.0	CU YD
20700220	POROUS GRANULAR EMBANKMENT	124.0	CU YD
21400100	GRADING AND SHAPING DITCHES	104.8	FOOT
28100107	STONE RIPRAP, CLASS A4	52.2	SQ YD
28200200	FILTER FABRIC	52.2	SQ YD
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	1.0	EACH
50200100	STRUCTURE EXCAVATION	194.0	CU YD
52200020	TEMPORARY SOIL RETENTION SYSTEM	46.3	SQ FT
54001002	BOX CULVERT END SECTIONS, CULVERT NO. 2	2.0	EACH
54011203	PRECAST CONCRETE BOX CULVERTS 12'X3'	60.0	FOOT
59100100	GEOCOMPOSITE WALL DRAIN	57.8	SQ YD
X5810103	WATERPROOFING MEMBRANE SYSTEM FOR BURIED STRUCTURES	102.2	SQ YD
Z0054505	ROCK-FILL REPLACEMENT	40.0	TON

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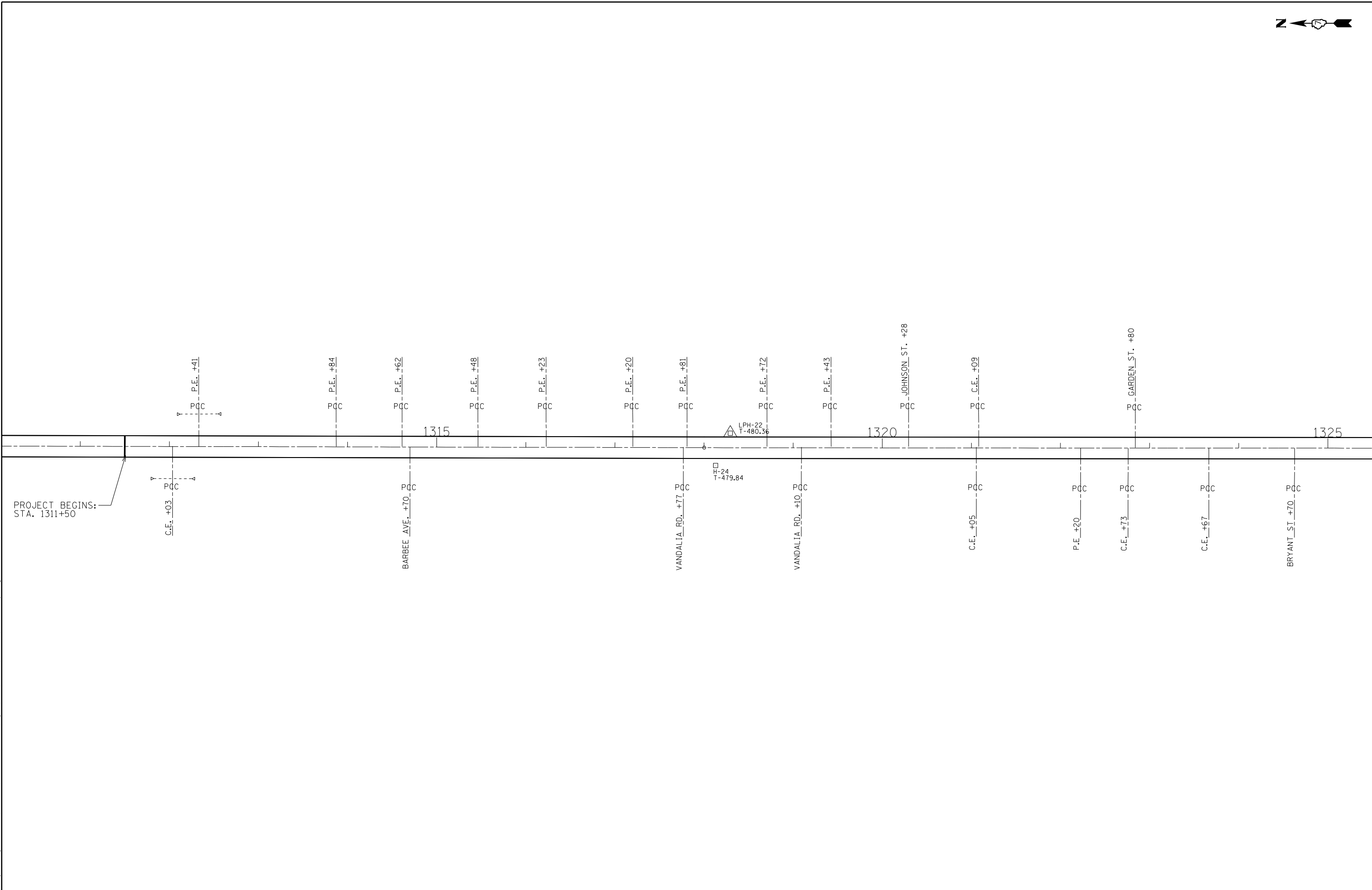
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PRECAST CONCRETE BOX CULVERT
 PROPOSED STRUCTURE 12' X 3'**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 328	SECTION (5,6)RS-1	COUNTY CLAY	TOTAL SHEETS 72	SHEET NO. 26
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74761	



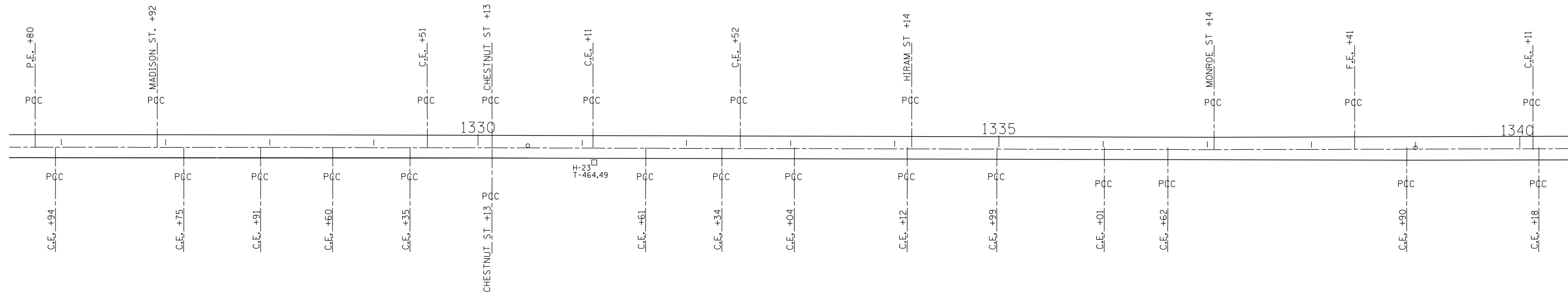
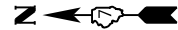
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS - US 45
 SCALE: SHEET 1 OF 14 SHEETS STA. 1311+50.00 TO STA. 1325+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	27
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				



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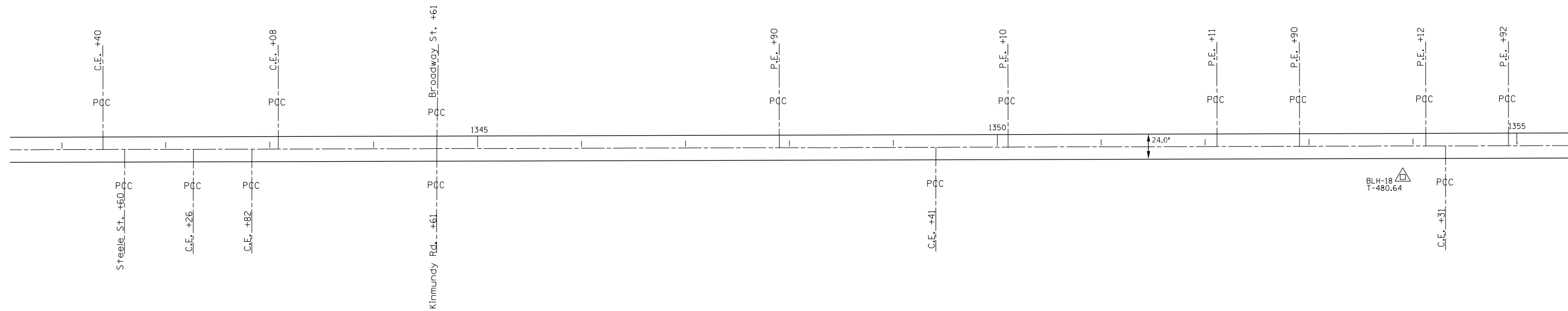
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PLOT DATE = 10/25/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS - US 45

SCALE: SHEET 2 OF 14 SHEETS STA. 1325+50.00 TO STA. 1340+37.00

F.A.P. RTE. 328	SECTION (5,6)RS-1	COUNTY CLAY	TOTAL SHEETS 72	SHEET NO. 28
CONTRACT NO. 74761			ILLINOIS FED. AID PROJECT	



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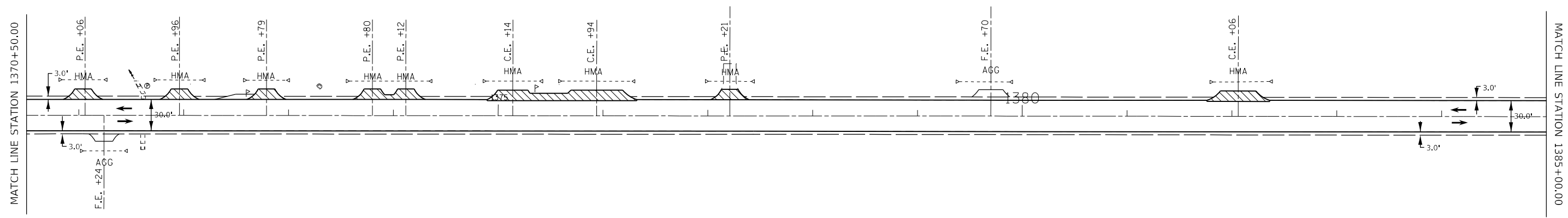
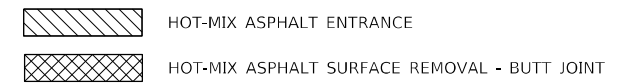
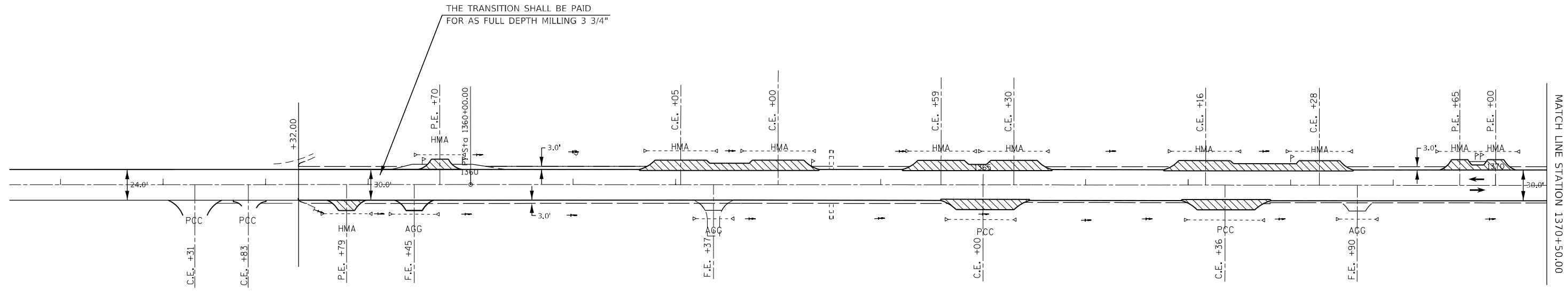
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS - US 45

SCALE: SHEET 3 OF 14 SHEETS STA. 1340+37.00 TO STA. 1355+50.00

F.A.P. RTE. 328	SECTION (5,6)RS-1	COUNTY CLAY	TOTAL SHEETS 72	SHEET NO. 29
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74761	

STA. 1355+50 - 1370+50



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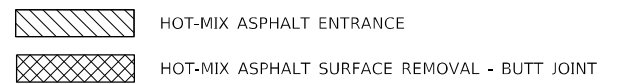
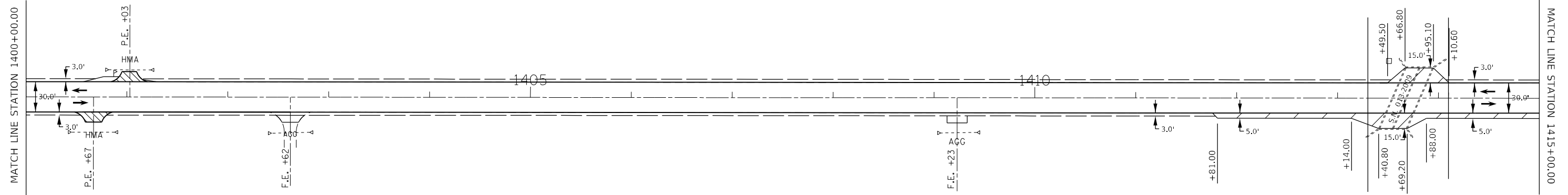
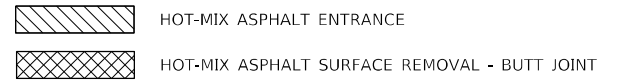
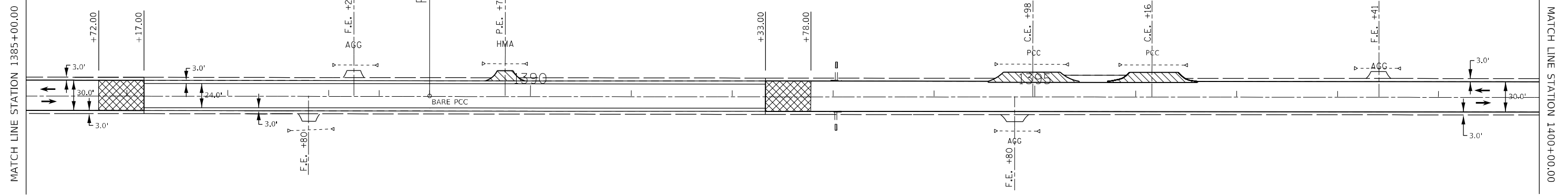
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS - US 45

SCALE: SHEET 4 OF 14 SHEETS STA. 1358+32.00 TO STA. 1385+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	30
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				



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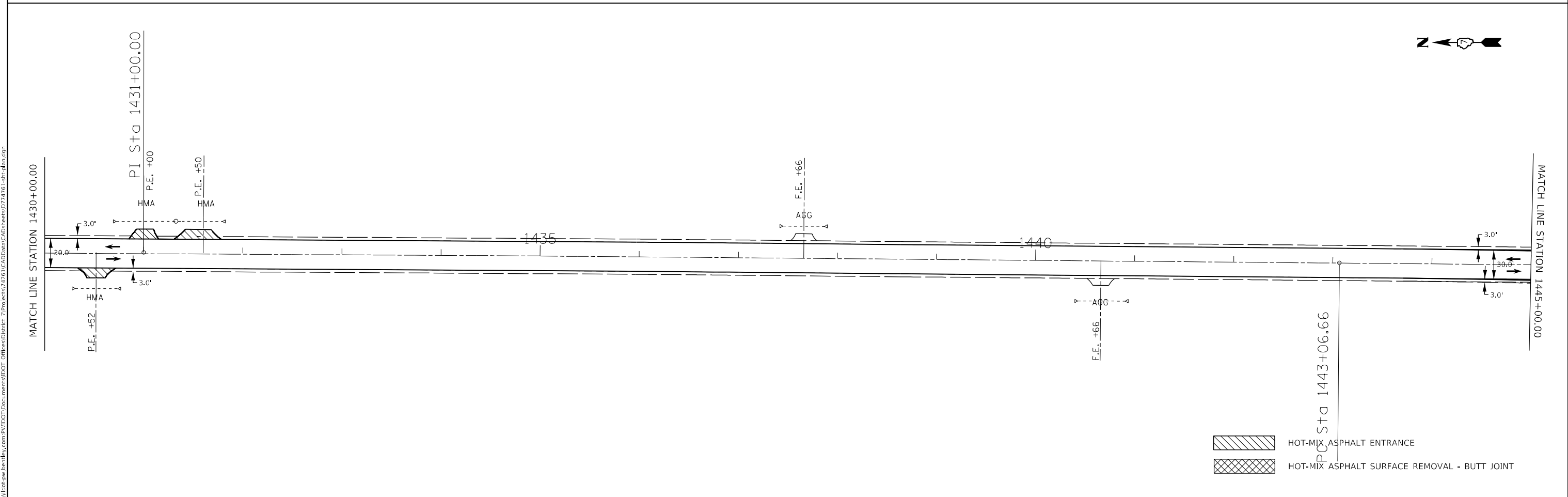
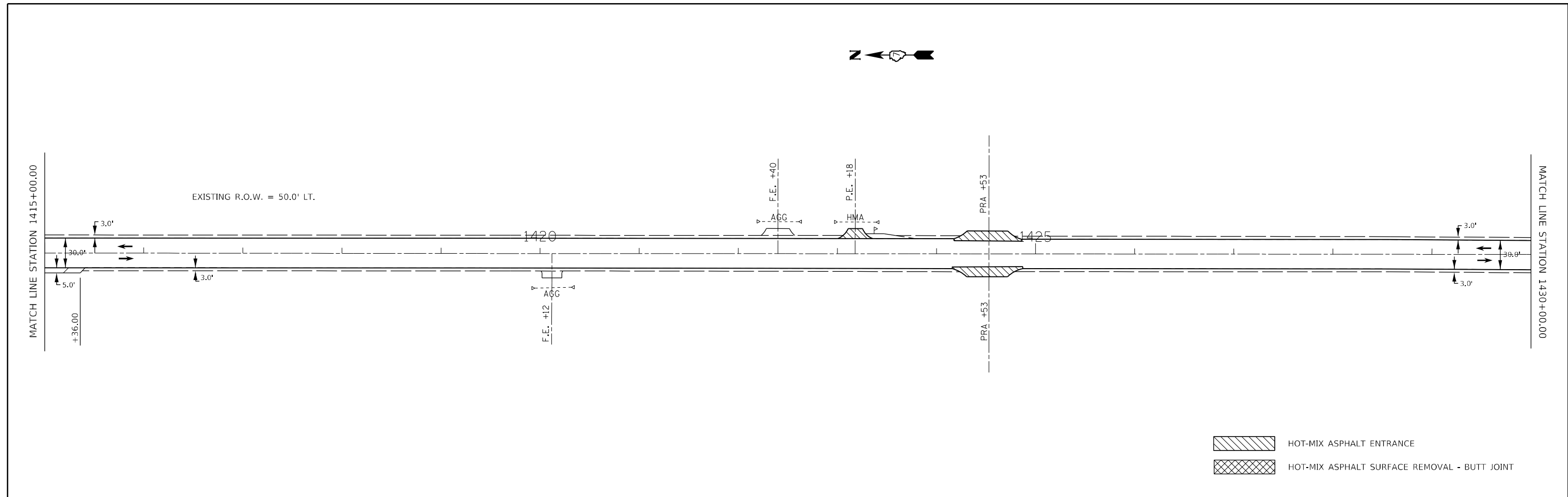
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS - US 45

SCALE: SHEET 5 OF 14 SHEETS STA. 1385+00.00 TO STA. 1415+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	31
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				

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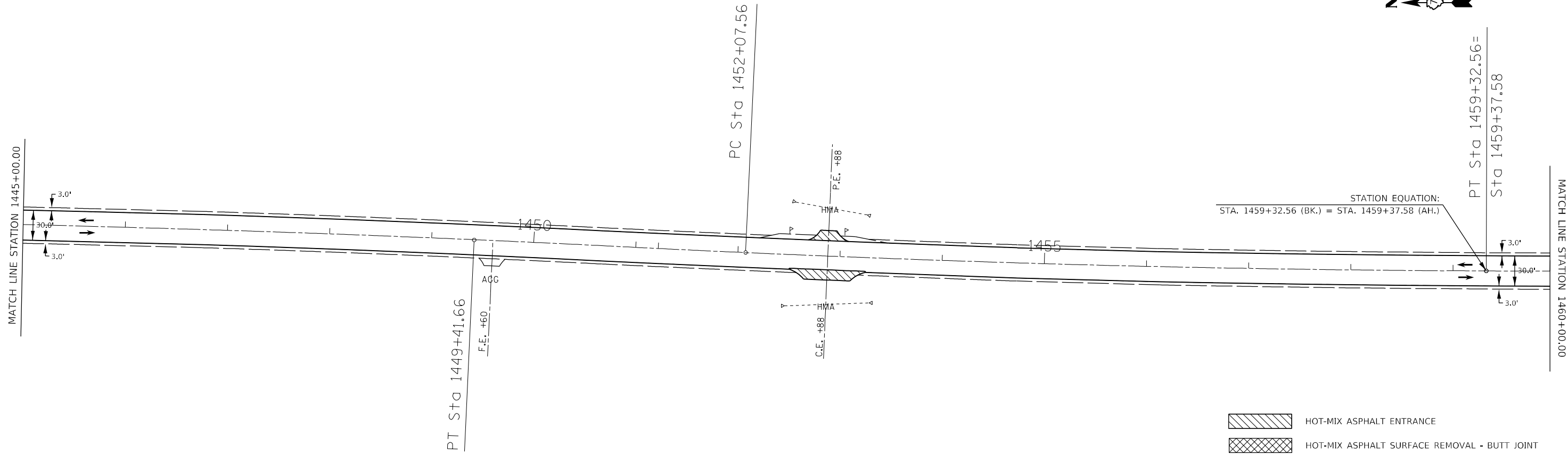


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	DATE -	REVISED -

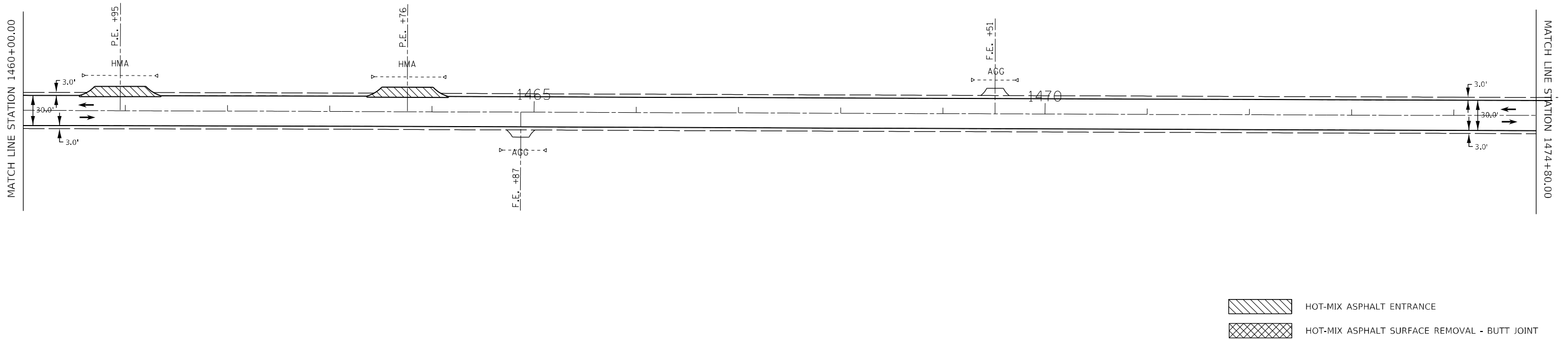
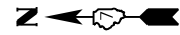
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

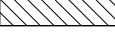

PLAN SHEETS - US 45
 SCALE: SHEET 6 OF 14 SHEETS STA. 1415+00.00 TO STA. 1445+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	32
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				



SECTION 3, T3N, R6E, 3RD P.M.



 HOT-MIX ASPHALT ENTRANCE
 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

MODEL: Default
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USER NAME = jessica.hille	DESIGNED -	REVISED -
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PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS - US 45

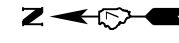
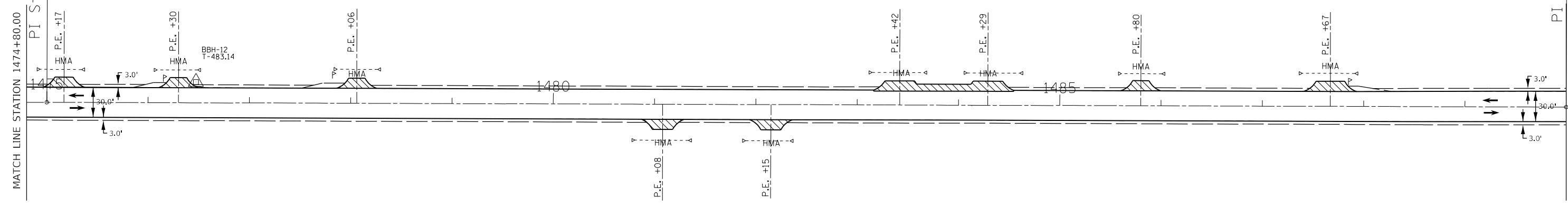
SCALE: SHEET 7 OF 14 SHEETS STA. 1445+00.00 TO STA. 1474+80.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	33
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				



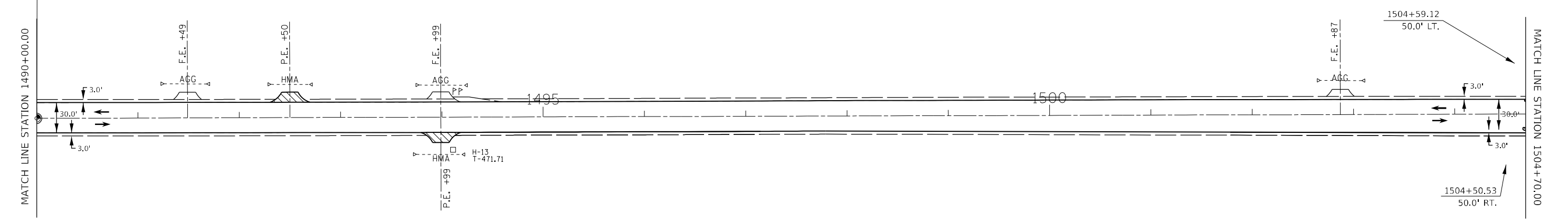
MATCH LINE STATION 1490+00.00

MATCH LINE STATION 1474+80.00



MATCH LINE STATION 1504+70.00

MATCH LINE STATION 1490+00.00



- HOT-MIX ASPHALT ENTRANCE
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

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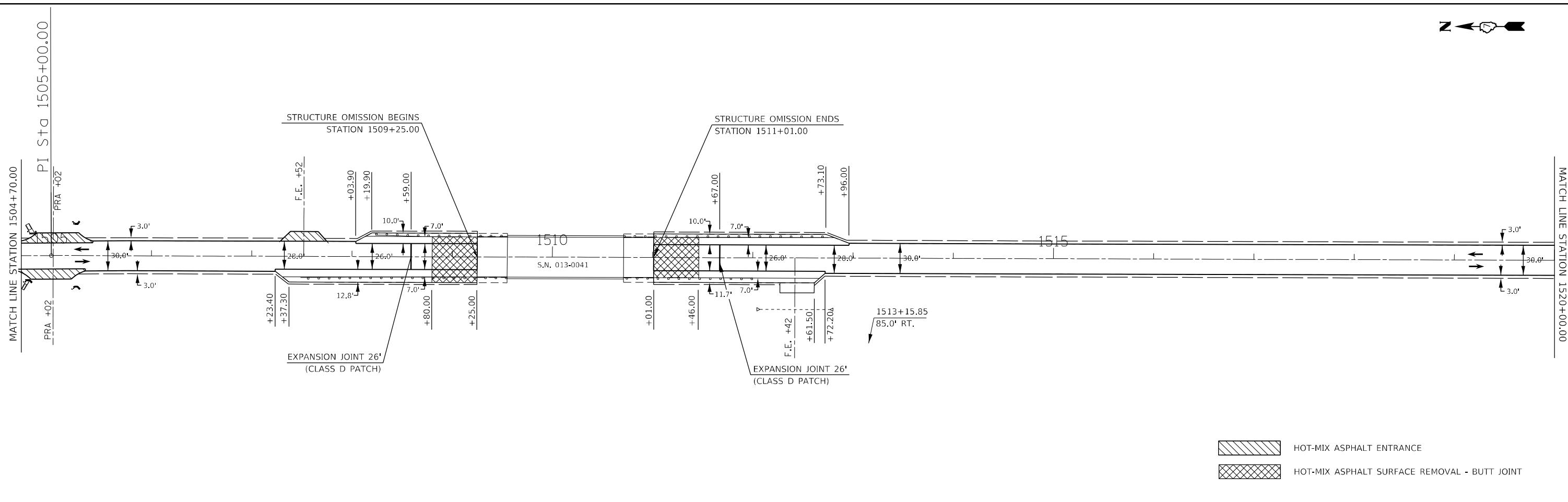
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	DATE -	REVISED -

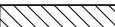

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

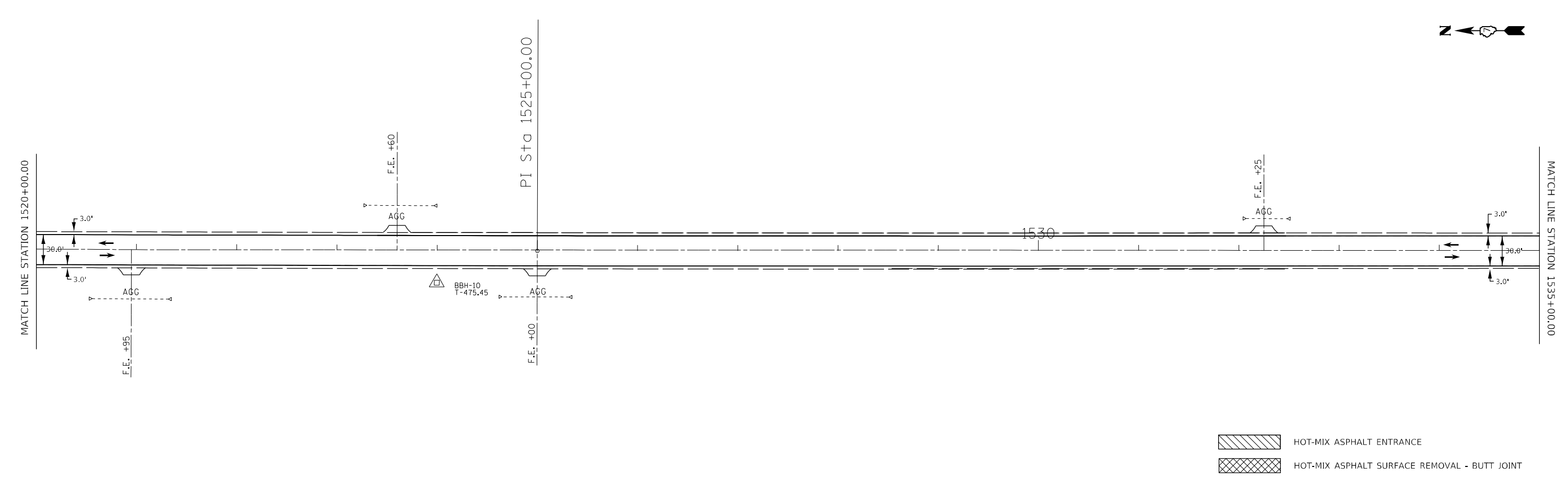
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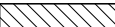

SCALE: SHEET 8 OF 14 SHEETS STA. 1474+80.00 TO STA. 1504+70.00

F.A.P. RTE. 328	SECTION (5.6)RS-1	COUNTY CLAY	TOTAL SHEETS 72	SHEET NO. 34
			CONTRACT NO. 74761	
		ILLINOIS FED. AID PROJECT		



 HOT-MIX ASPHALT ENTRANCE
 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT



 HOT-MIX ASPHALT ENTRANCE
 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

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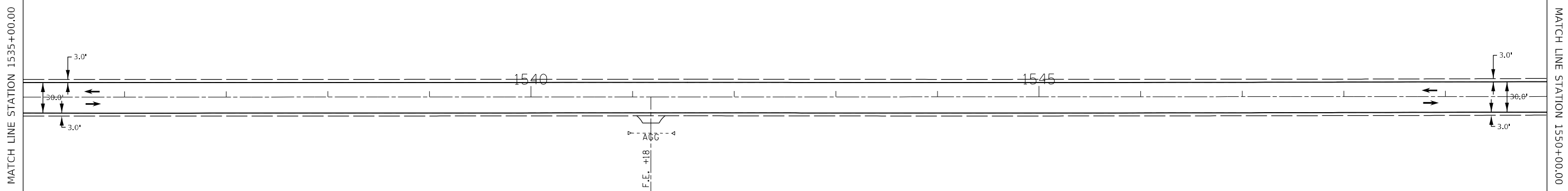
USER NAME = jessica.hille	DESIGNED -	REVISED -
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PLOT DATE = 10/25/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

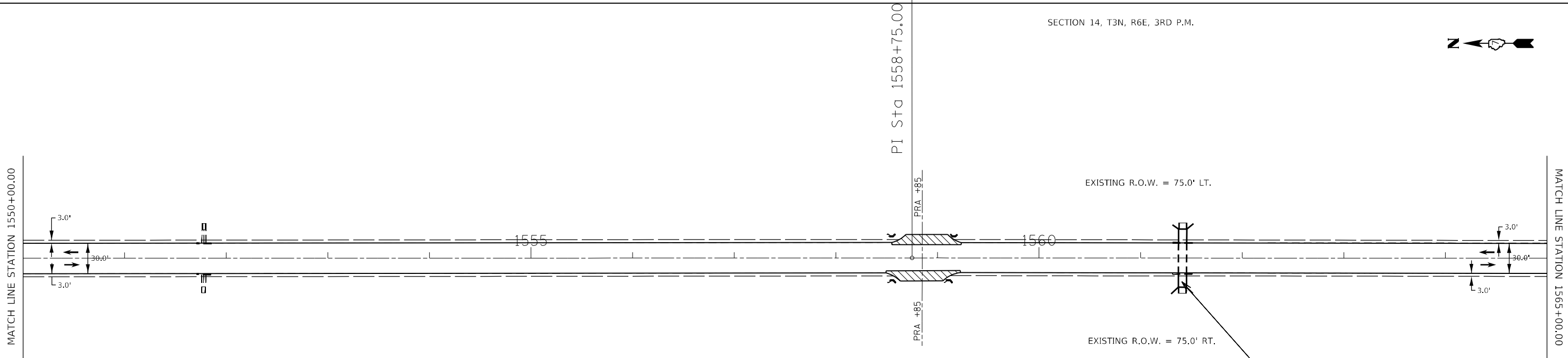
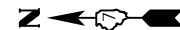
PLAN SHEETS - US 45

SCALE: SHEET 9 OF 14 SHEETS STA. 1504+70.00 TO STA. 1535+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	35
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				



- HOT-MIX ASPHALT ENTRANCE
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT



- HOT-MIX ASPHALT ENTRANCE
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

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USER NAME = jessica.hille	DESIGNED -	REVISED -
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PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/25/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS - US 45

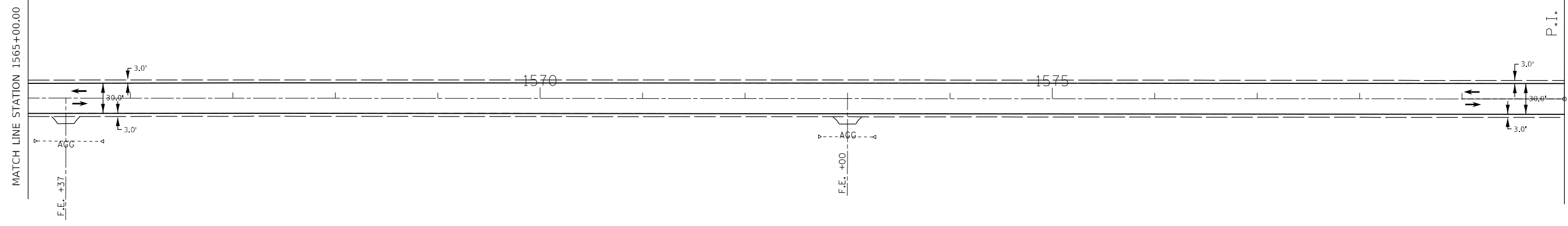
SCALE: SHEET 10 OF 14 SHEETS STA. 1535+00.00 TO STA. 1565+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	36
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				

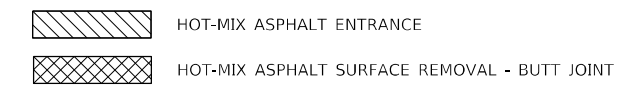


P.I. Sta 1580+00.00

MATCH LINE STATION 1580+00.00

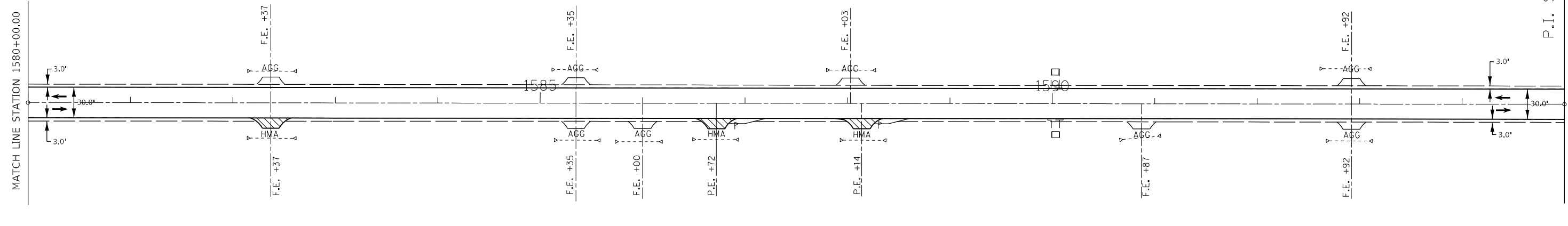


SECTION 15, T3N, R6E, 3RD P.M.

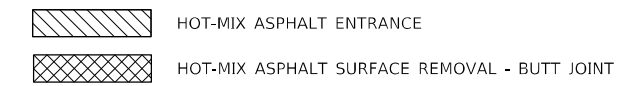


P.I. Sta 1595+00.00

MATCH LINE STATION 1595+00.00



SECTION 14, T3N, R6E, 3RD P.M.



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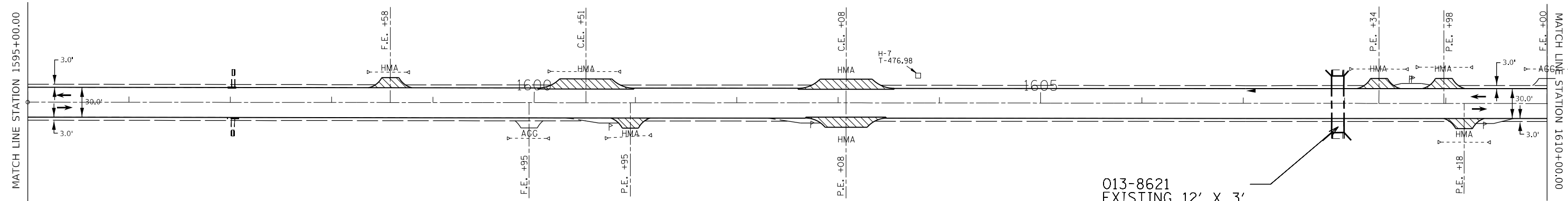
USER NAME = jessica.hille	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/25/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS - US 45

SCALE: SHEET 11 OF 14 SHEETS STA. 1565+00.00 TO STA. 1595+00.00

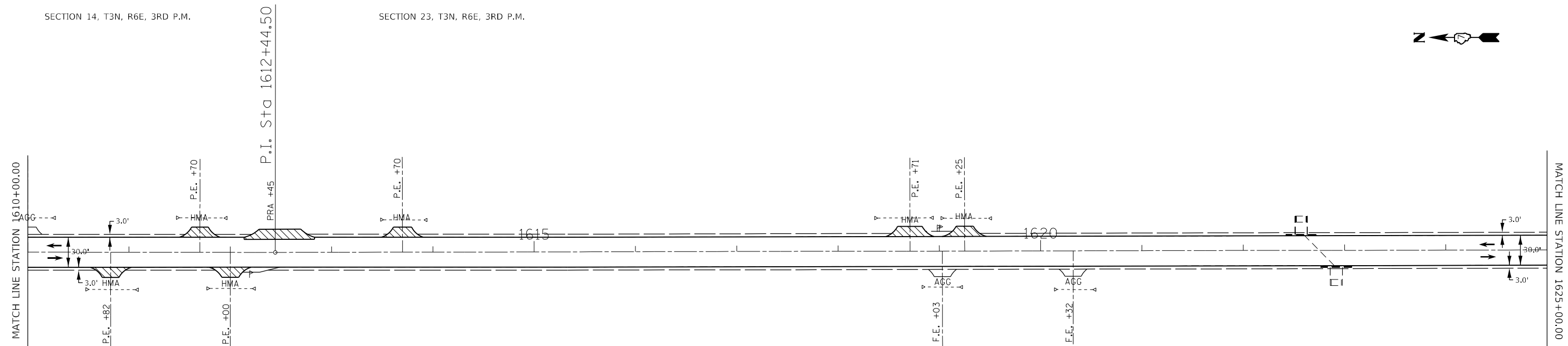
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	37
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				



013-8621
EXISTING 12' X 3'
PROPOSED 12 X 3'

- HOT-MIX ASPHALT ENTRANCE
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

SECTION 15, T3N, R6E, 3RD P.M.



- HOT-MIX ASPHALT ENTRANCE
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

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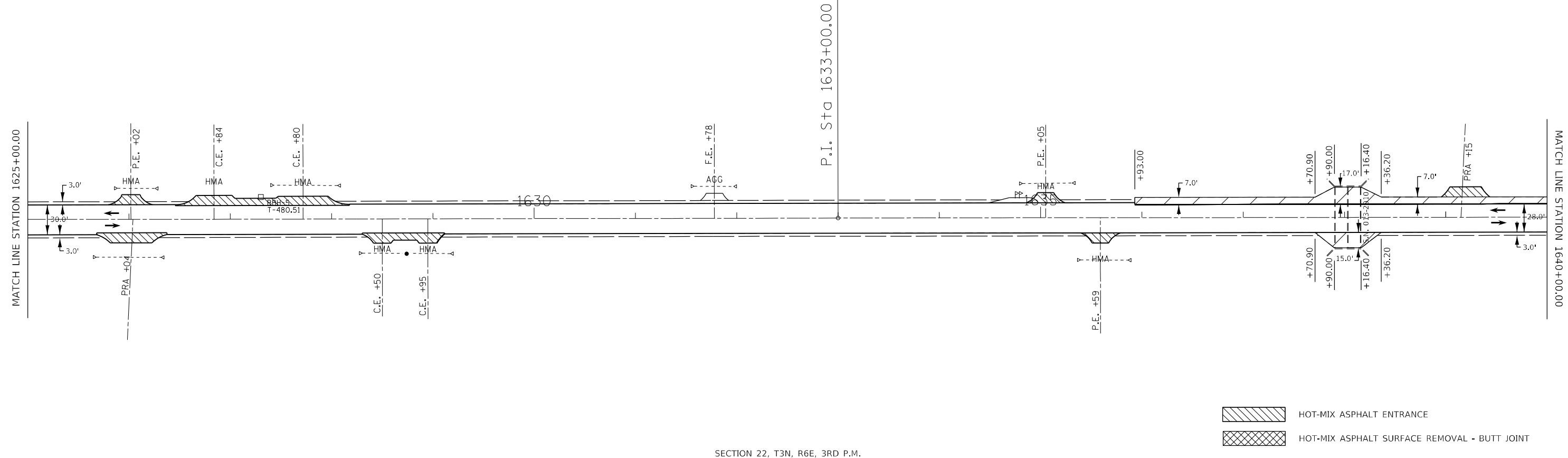
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PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/25/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS - US 45

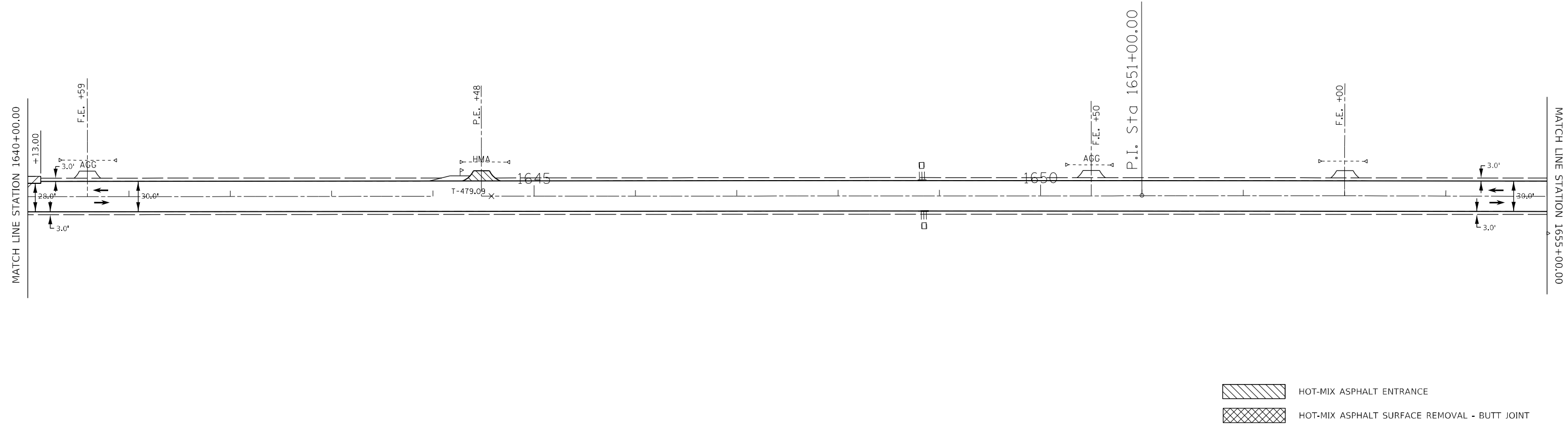
SCALE: SHEET 12 OF 14 SHEETS STA. 1595+00.00 TO STA. 1625+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	38
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				



SECTION 22, T3N, R6E, 3RD P.M.

SECTION 23, T3N, R6E, 3RD P.M.



HOT-MIX ASPHALT ENTRANCE
HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

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 SHEET: 13 OF 14

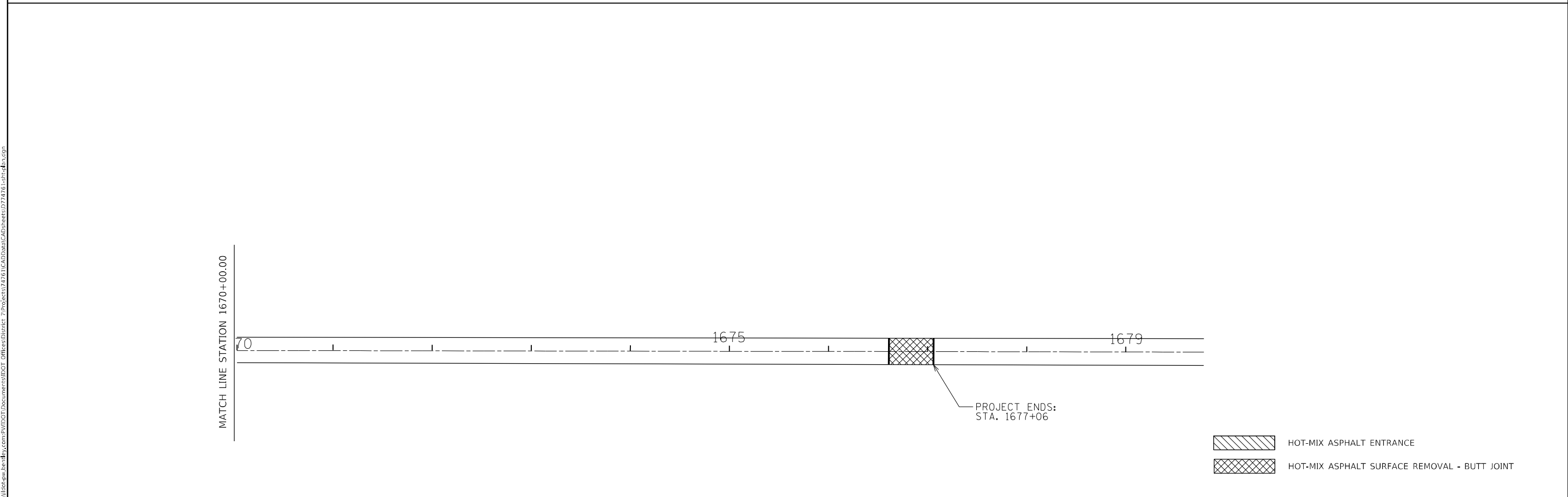
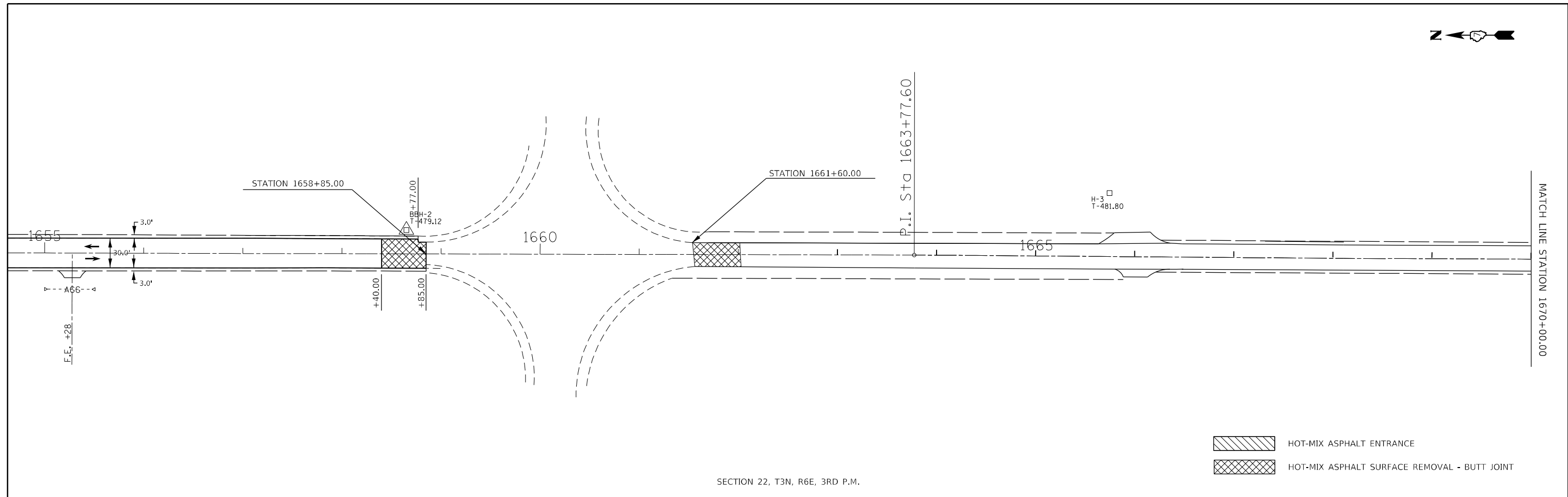
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PLOT DATE = 10/25/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS - US 45

SCALE: SHEET 13 OF 14 SHEETS STA. 1625+00.00 TO STA. 1655+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	39
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				



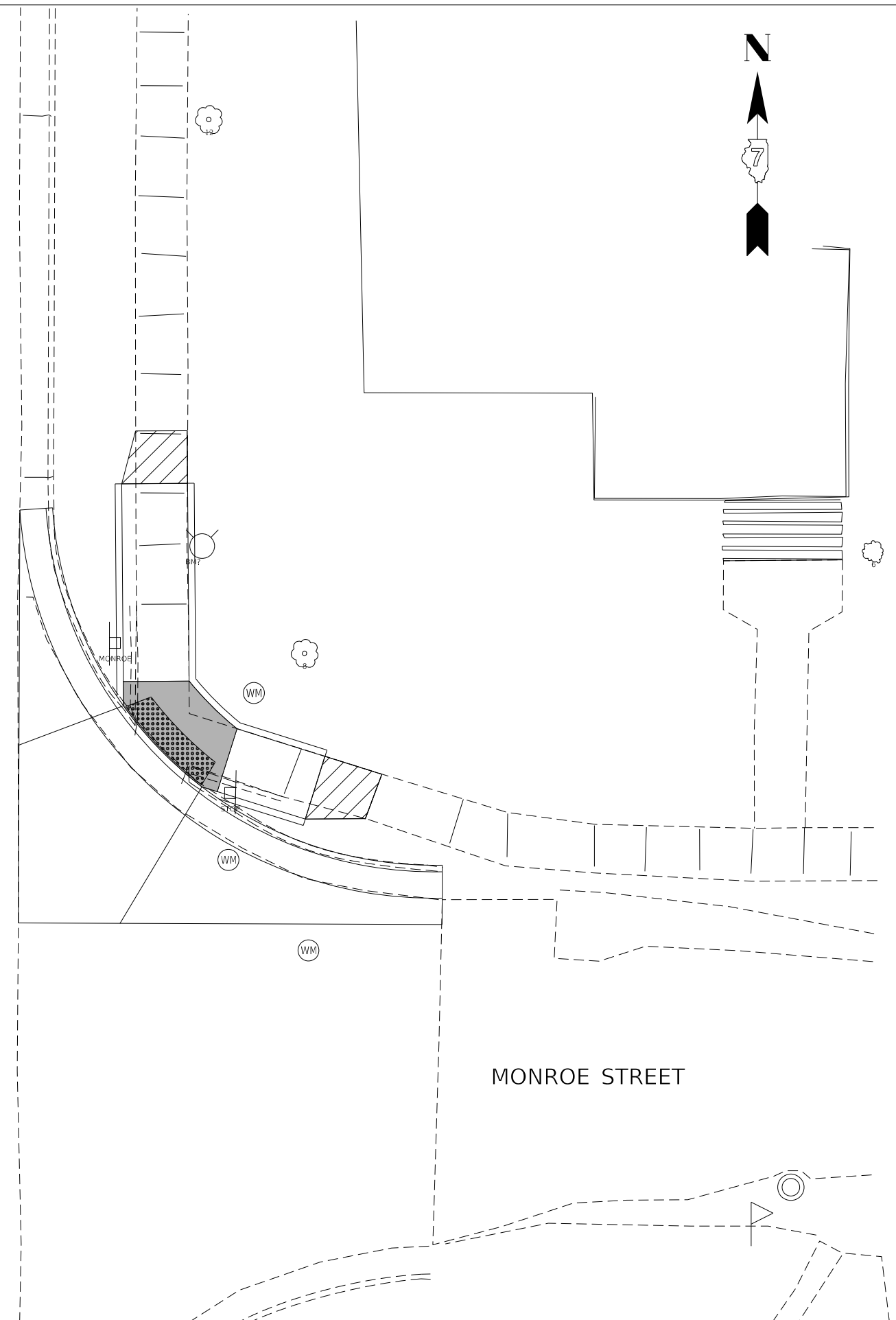
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PLOT DATE = 10/25/2023	DATE -	REVISED -

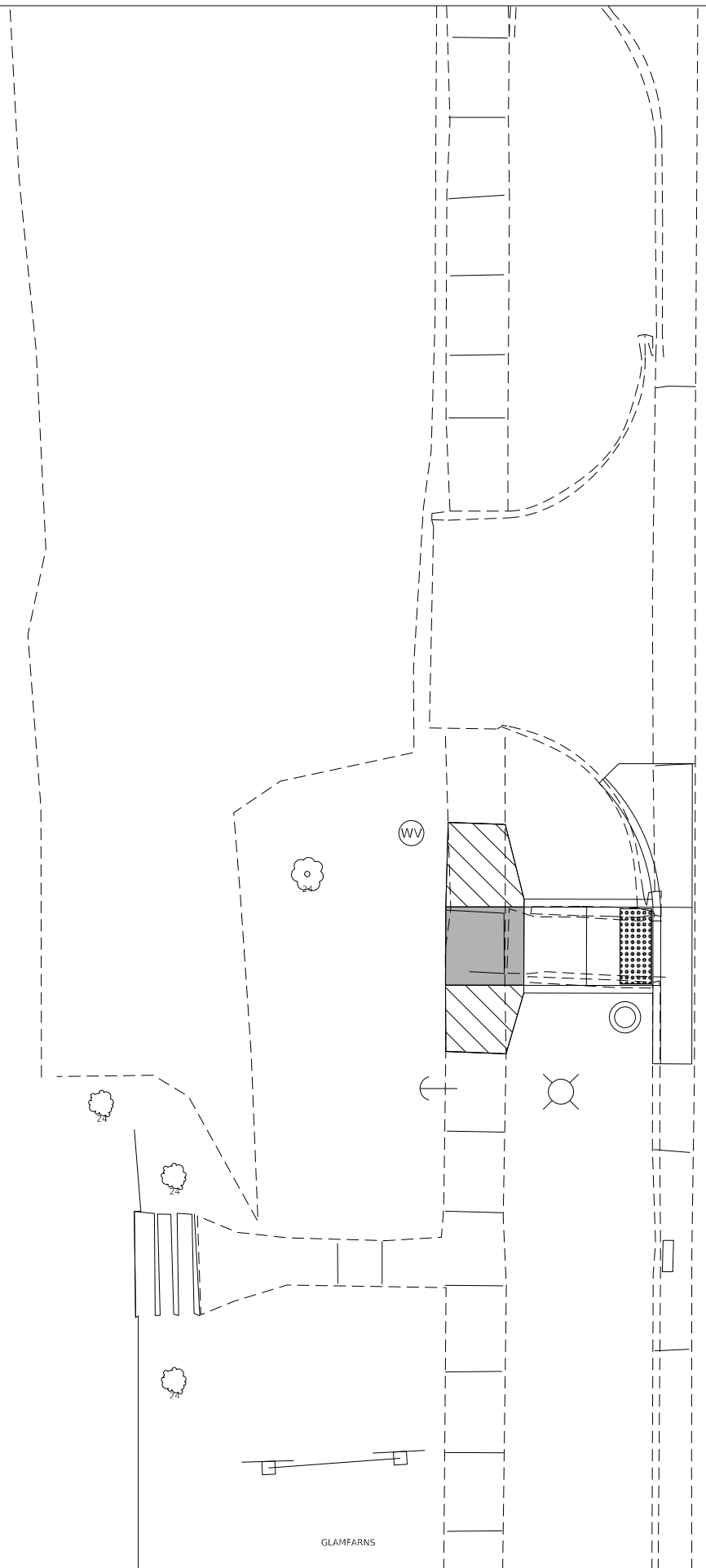
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS - US 45
 SCALE: SHEET 14 OF 14 SHEETS STA. 1655+00.00 TO STA. 1677+06

F.A.P. RTE. 328	SECTION (5,6)RS-1	COUNTY CLAY	TOTAL SHEETS 72	SHEET NO. 40
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				



FAP 328 (US 45)
1337



MONROE STREET

Bartlett & West
1207 BENCIN DRIVE, SUITE 2 - JERSEYVILLE, IL 62052
PHONE 618-484-4001
ILLINOIS DESIGN FIRM NO 16-0000086-0002
WWW.BARTLETTWEST.COM

USER NAME = MAG01839	DESIGNED - _____	REVISED - _____
PLOT SCALE = 5,0000' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 10/19/2023	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOUISVILLE ADA PLAN SHEET
MONROE ST. OVERVIEW

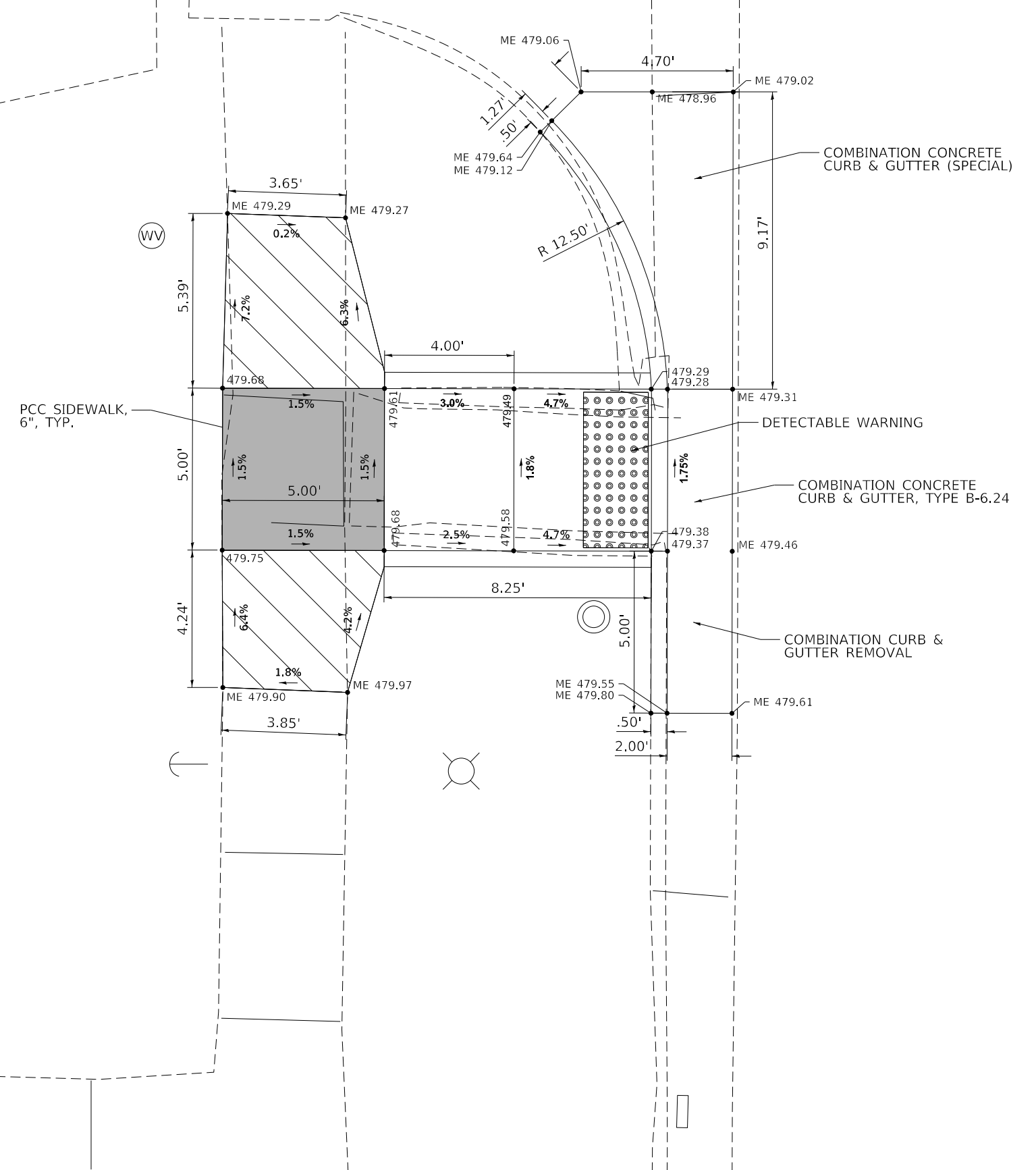
SCALE: 1" = 10' SHEET 01 OF 03 SHEETS STA. 43+00.00 TO STA. 58+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	41
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				

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LANDING/ TURNING SPACE
 TRANSITION PANEL
 DETECTABLE WARNING
 ME XXX.XXX MATCH EXISTING AT ELEVATION SHOWN
 XXX.XXX PROPOSED ELEVATION



FAP 328 (US 45)
 1337

MODEL: D:\draft...
 FILE: M:\ME...
 1207 SINCLAIR DRIVE, SUITE 2 - JERSEYVILLE, IL 62552
 PHONE: 618-454-0001
 ILLINOIS DESIGN FIRM NO. 184000086-0002
 WWW.BARTLETTWEST.COM

Bartlett & West

USER NAME = MAG01839	DESIGNED - MAG	REVISED -
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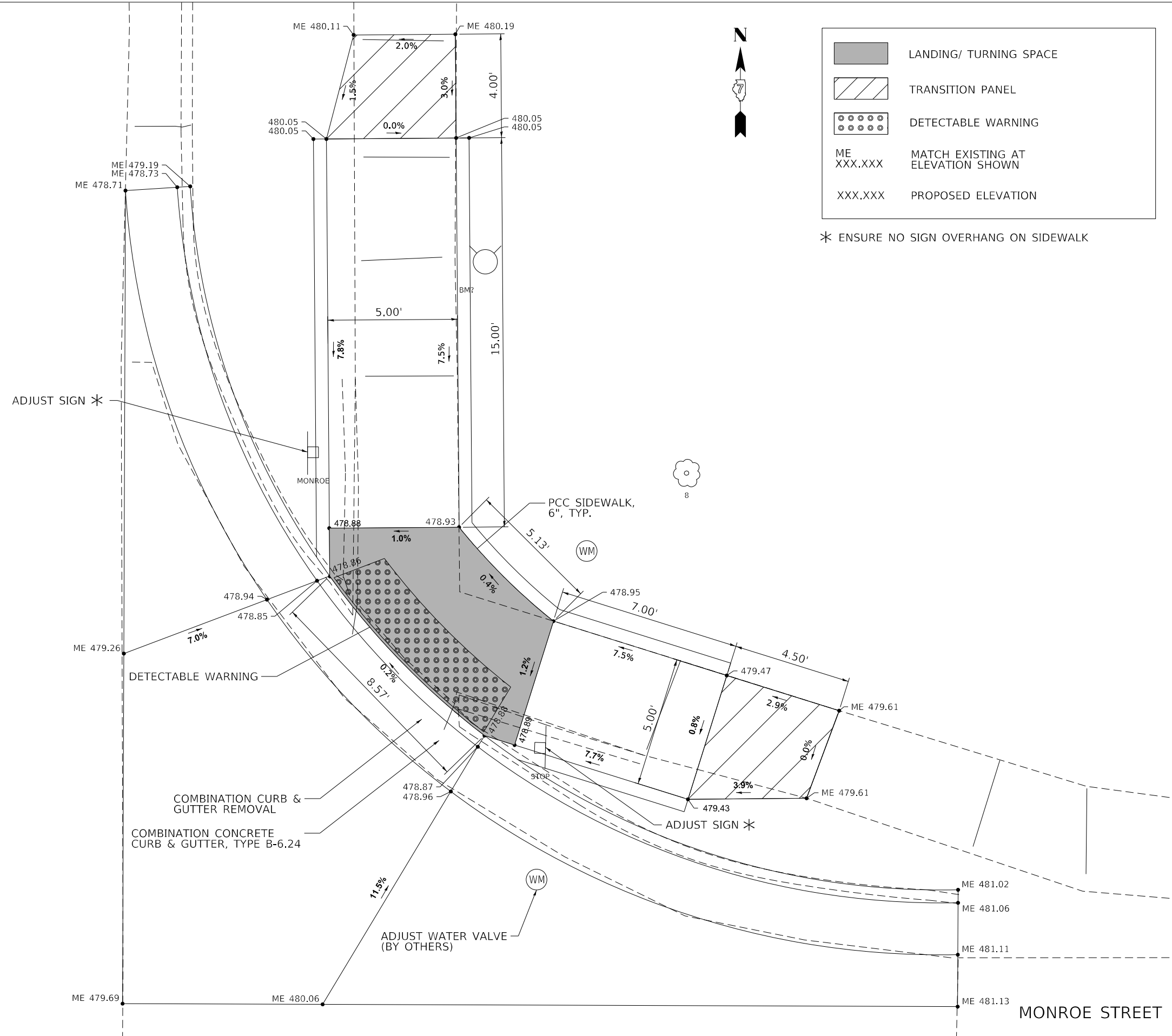
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

LOUISVILLE ADA PLAN SHEET
 STA. 1337+00 NW OF MONROE ST.

SCALE: 1" = 2'
 SHEET 02 OF 03 SHEETS
 STA. 43+00.00 TO STA. 58+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	42
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				

FAP 328 (US 45)



Legend:

- LANDING/ TURNING SPACE
- TRANSITION PANEL
- DETECTABLE WARNING
- ME XXX.XXX MATCH EXISTING AT ELEVATION SHOWN
- XXX.XXX PROPOSED ELEVATION

* ENSURE NO SIGN OVERHANG ON SIDEWALK

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 1207 SINCLAIR DRNE, SUITE 2 - JERSEYVILLE, IL 62052
 PHONE: 618-454-0001
 ILLINOIS DESIGN FIRM NO. 184000288-0002
 WWW.BARTLETTWEST.COM

Bartlett & West

USER NAME = MAG01839	DESIGNED - MAG	REVISED - _____
PLOT SCALE = 4.0000' / in.	CHECKED - KTW	REVISED - _____
PLOT DATE = 10/19/2023	DRAWN - MAG	REVISED - _____
	CHECKED - KTW	REVISED - _____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LOUISVILLE ADA PLAN SHEET
STA. 1337 + 00 NE OF MONROE ST.

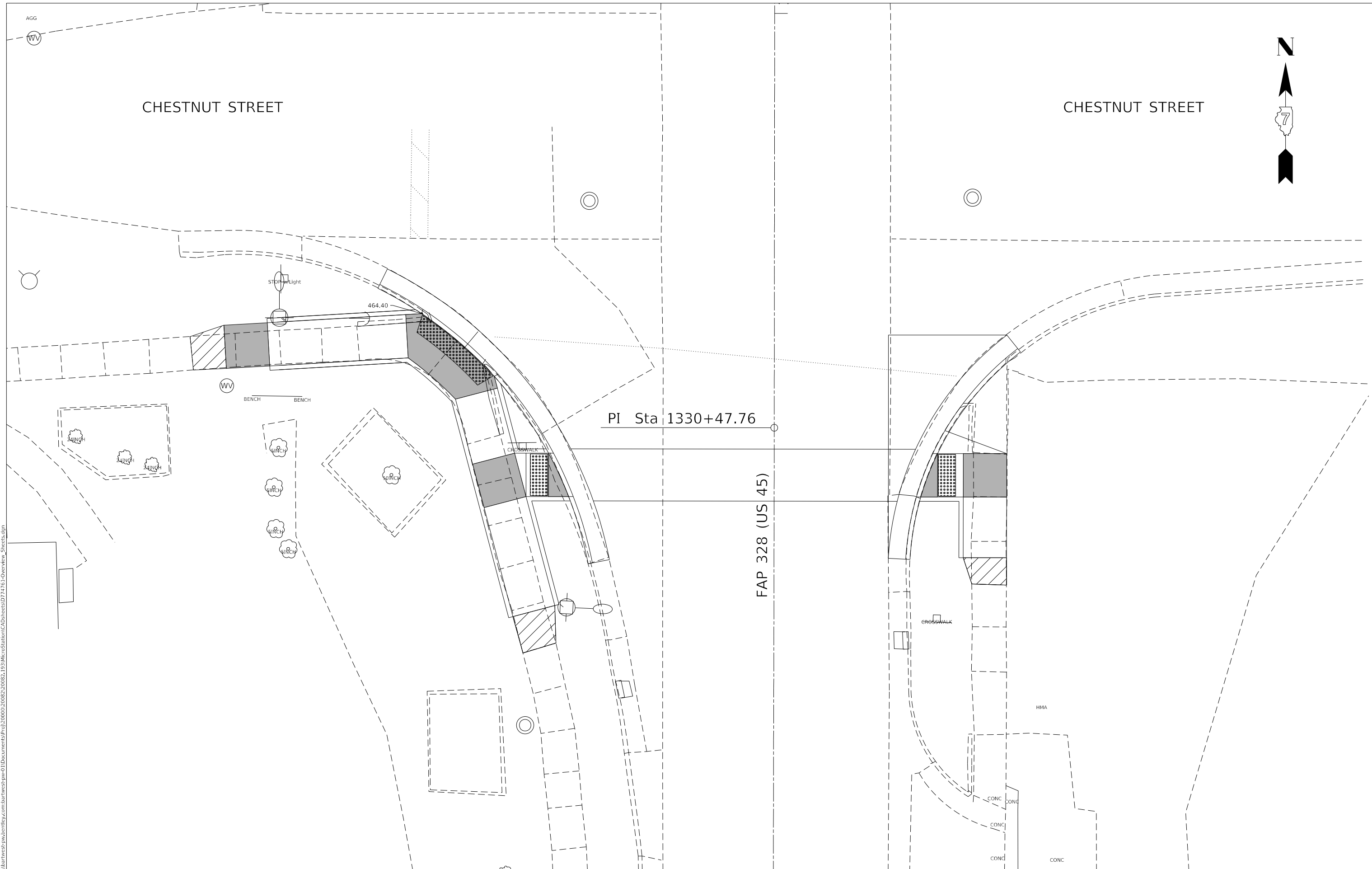
SCALE: 1" = 2' SHEET 03 OF 03 SHEETS STA. 43+00.00 TO STA. 58+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	43
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				



CHESTNUT STREET

CHESTNUT STREET



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Bartlett & West
 1207 BENCLAIR DRIVE, SUITE 2 - JERSEYVILLE, IL 62052
 PHONE 618-484-4001
 B.LINCOLN DESIGN FROM HQ 618-484-0002
 WWW.BARTLETTWEST.COM

USER NAME = MAG01839	DESIGNED - _____	REVISED - _____
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PLOT DATE = 10/19/2023	DATE - _____	REVISED - _____

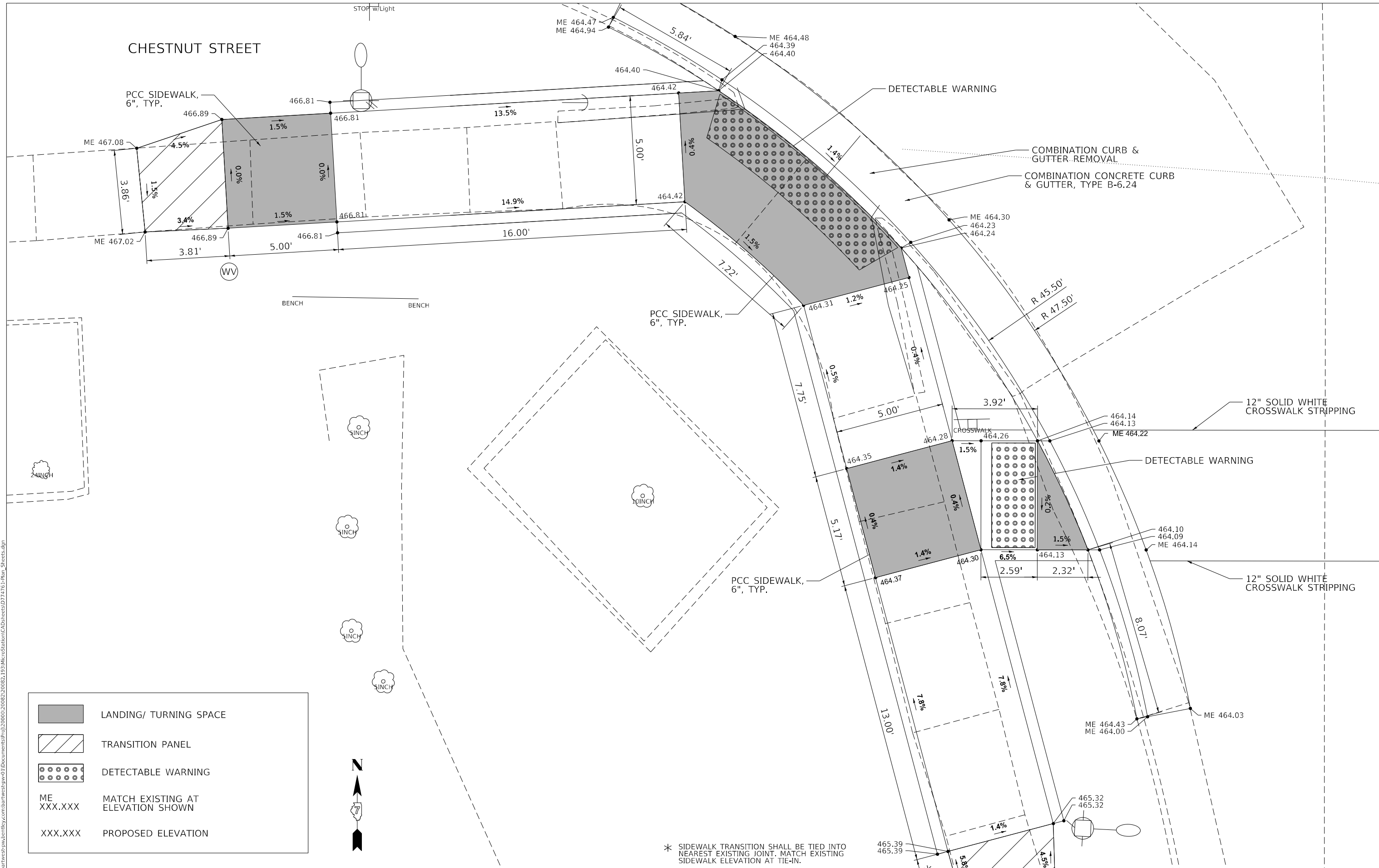
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**LOUISVILLE ADA PLAN SHEET
 CHESTNUT ST. OVERVIEW**

SCALE: 1" = 10' SHEET 01 OF 03 SHEETS STA. 43+00.00 TO STA. 58+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	44
CONTRACT NO. 74761				

ILLINOIS FED. AID PROJECT



	LANDING/ TURNING SPACE
	TRANSITION PANEL
	DETECTABLE WARNING
ME XXX.XXX	MATCH EXISTING AT ELEVATION SHOWN
XXX.XXX	PROPOSED ELEVATION



* SIDEWALK TRANSITION SHALL BE TIED INTO NEAREST EXISTING JOINT. MATCH EXISTING SIDEWALK ELEVATION AT TIE-IN.

Bartlett & West
 1207 SINGLARS DRIVE, SUITE 2 - JERSEYVILLE, IL 62052
 PHONE 618-664-0001
 ILLINOIS DESIGN FIRM NO. 18-000000-0002
 WWW.BARTLETTWEST.COM

USER NAME = MAG01839	DESIGNED - MAG	REVISD - _____
PLOT SCALE = 4.0000' / in.	CHECKED - KTW	REVISD - _____
PLOT DATE = 10/19/2023	DRAWN - MAG	REVISD - _____
	CHECKED - KTW	REVISD - _____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**LOUISVILLE ADA PLAN SHEET
 STA. 1330 + 50 SW OF CHESTNUT ST.**

SCALE: 1" = 2' SHEET 01 OF 01 SHEETS STA. 43+00.00 TO STA. 58+00.00

F.A.P. RTE. 328	SECTION (5,6)RS-1	COUNTY CLAY	TOTAL SHEETS 72	SHEET NO. 45
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				

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FAP 328 (US 45)

PI Sta 1330+47.76

6" SOLID WHITE CROSSWALK STRIPING




DETECTABLE WARNING
 COMBINATION CURB & GUTTER REMOVAL
 COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24

6" SOLID WHITE CROSSWALK STRIPING

REMOVE EXISTING SIDEWALK

PCC SIDEWALK, 6", TYP.

CROSSWALK

	LANDING/ TURNING SPACE
	TRANSITION PANEL
	DETECTABLE WARNING
ME XXX.XXX	MATCH EXISTING AT ELEVATION SHOWN
XXX.XXX	PROPOSED ELEVATION



Bartlett & West
 1207 SINCLAIR DRIVE, SUITE 2 - JERSEYVILLE, IL 62552
 PHONE 618-454-0001
 ILLINOIS DESIGN FIRM NO. 184000388-0002
 WWW.BARTLETTWEST.COM

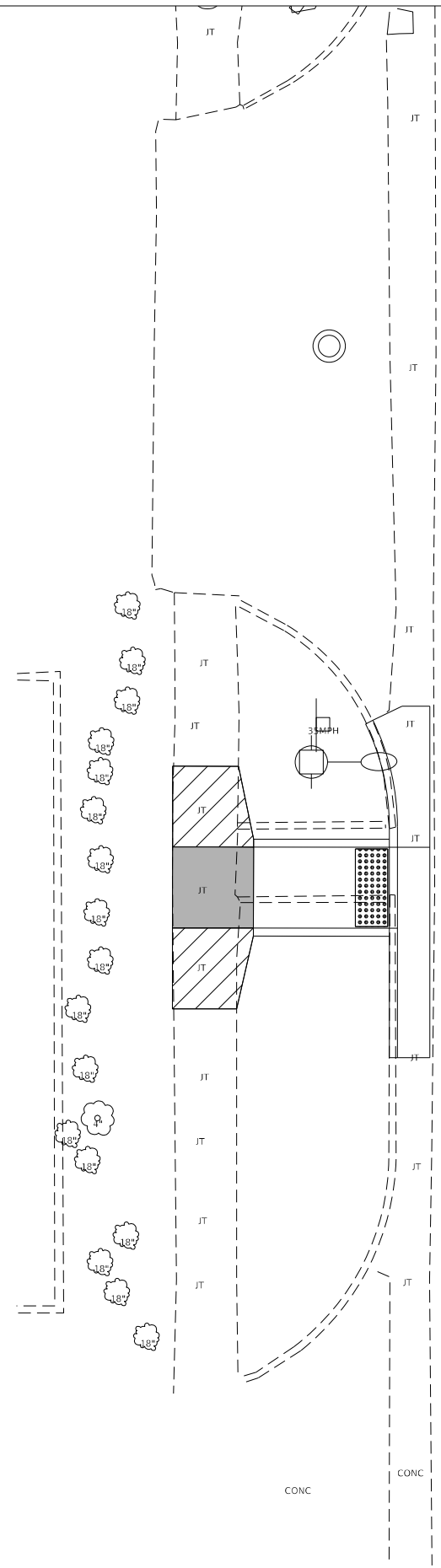
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PLOT DATE = 10/19/2023	CHECKED - KTW	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**LOUISVILLE ADA PLAN SHEET
 STA. 1330+50 SE OF CHESTNUT ST.**

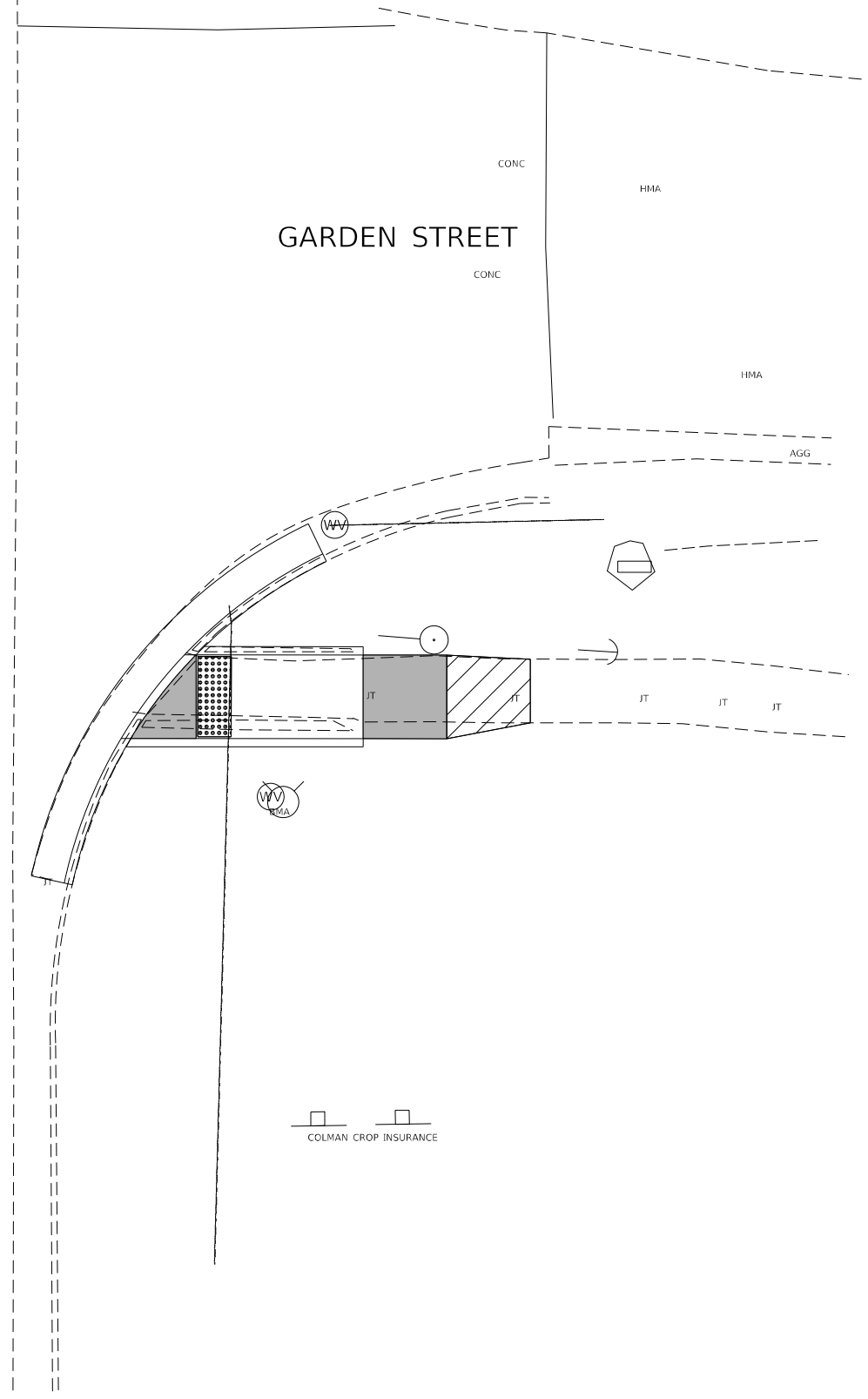
SCALE: 1" = 2' SHEET 01 OF 01 SHEETS STA. 43+00.00 TO STA. 58+00.00

F.A.P. RTE. 328	SECTION (5,6)RS-1	COUNTY CLAY	TOTAL SHEETS 72	SHEET NO. 46
			CONTRACT NO. 74761	
		ILLINOIS FED. AID PROJECT		



FAP 328 (US 45)

1323



COLMAN CROP INSURANCE

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Bartlett & West
 1207 BENCLAIR DRIVE, SUITE 2 - JERSEYVILLE, IL 62052
 PHONE 618-484-4001
 B.LINCOLN DESIGN FROM HQ 618-484-0002
 WWW.BARTLETTWEST.COM

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	DRAWN - _____	REVISED - _____
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PLOT DATE = 10/19/2023	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

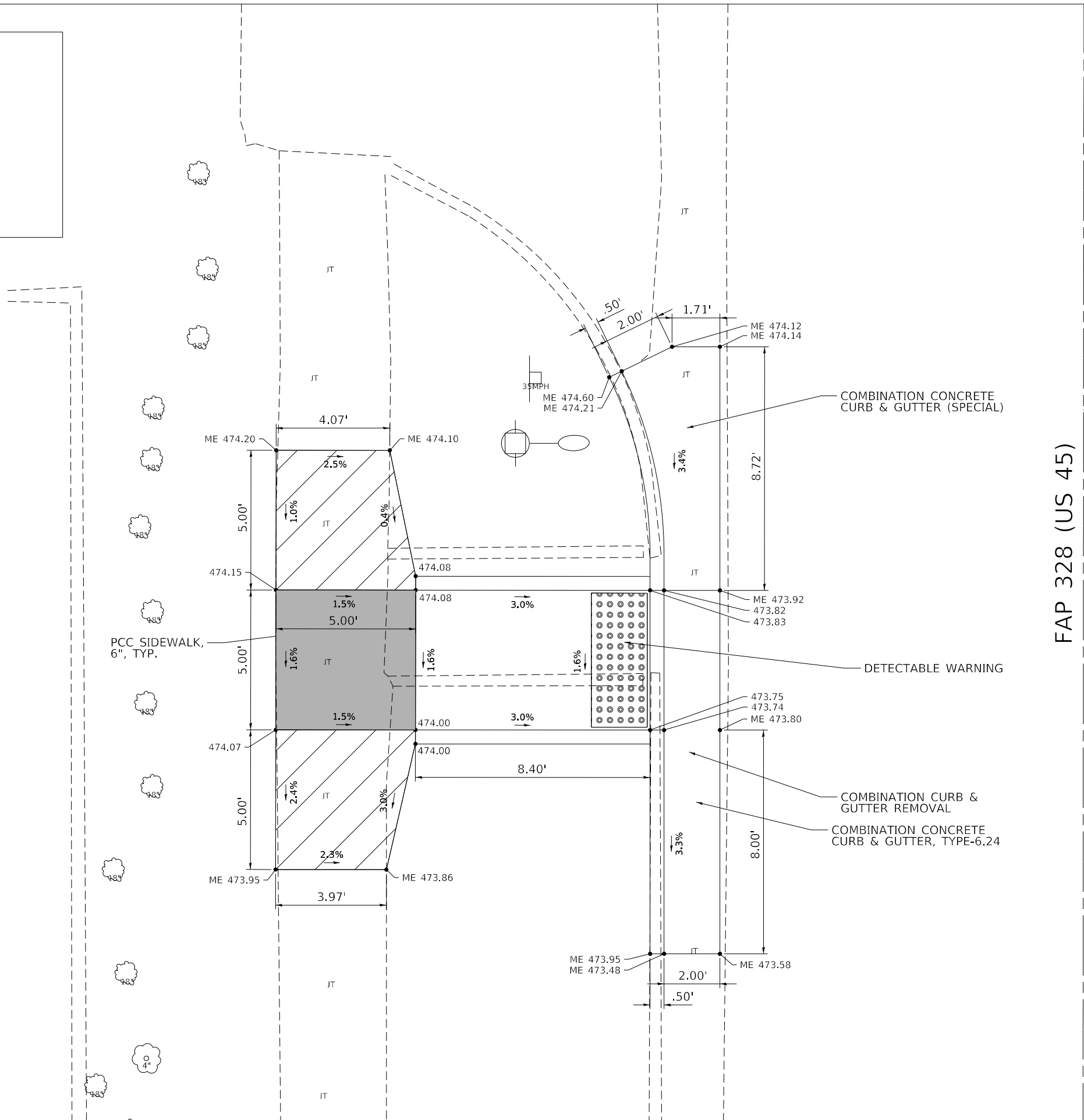
**LOUISVILLE ADA PLAN SHEET
 GARDEN ST. OVERVIEW**

SCALE: 1" = 10' SHEET 01 OF 03 SHEETS STA. 43+00.00 TO STA. 58+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	47
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				



LANDING/ TURNING SPACE
 TRANSITION PANEL
 DETECTABLE WARNING
 ME XXX.XXX MATCH EXISTING AT ELEVATION SHOWN
 XXX.XXX PROPOSED ELEVATION



FAP 328 (US 45) | 1323

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PLOT DATE = 10/19/2023	DRAWN - MAG	REVISD -
	CHECKED - KTW	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOUISVILLE ADA PLAN SHEET
STA. 1323+00 SW OF GARDEN ST.

SCALE: 1" = 2' SHEET 01 OF 01 SHEETS STA. 43+00.00 TO STA. 58+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	48
CONTRACT NO. 74761				
		ILLINOIS	FED. AID PROJECT	

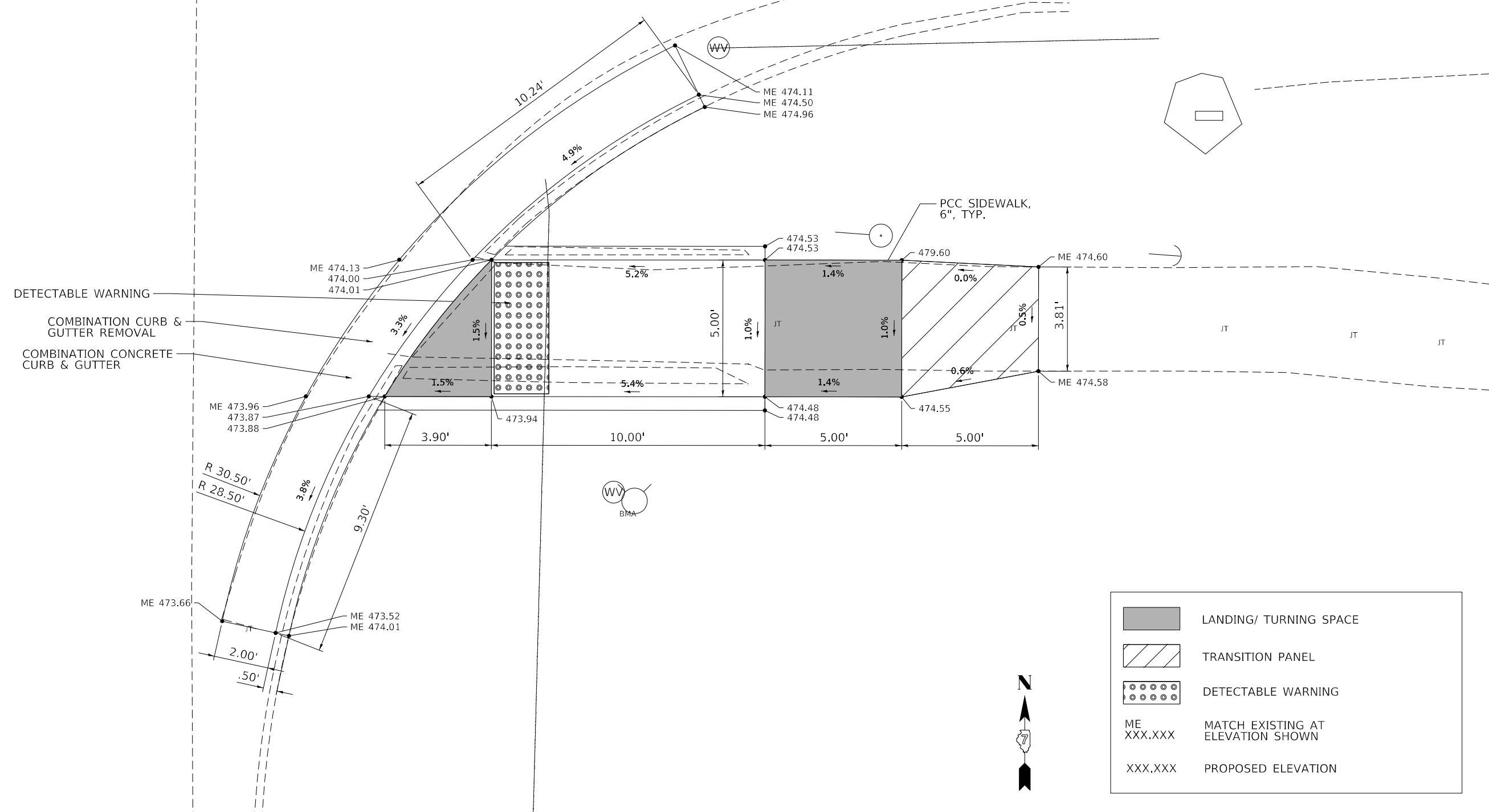
FAP 328 (US 45)

1323

GARDEN STREET

HMA

AGG



	LANDING/ TURNING SPACE
	TRANSITION PANEL
	DETECTABLE WARNING
ME XXX.XXX	MATCH EXISTING AT ELEVATION SHOWN
XXX.XXX	PROPOSED ELEVATION

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 1207 SINCLAIR DRIVE, SUITE 2 - JERSEYVILLE, IL 62522
 PHONE: 618-454-0001
 ILLINOIS DESIGN FIRM NO. 184000288-0002
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Bartlett & West

USER NAME = MAG01839	DESIGNED - MAG	REVISED - _____
	CHECKED - KTW	REVISED - _____
PLOT SCALE = 4.0000' / in.	DRAWN - MAG	REVISED - _____
PLOT DATE = 10/19/2023	CHECKED - KTW	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LOUISVILLE ADA PLAN SHEET
STA. 1323+00 SE OF GARDEN ST.**

SCALE: 1" = 2' SHEET 01 OF 01 SHEETS STA. 43+00.00 TO STA. 58+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	49
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				



FAP 328 (US 45)

PI Sta 1318+00.16

1318

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USER NAME = MAG01839	DESIGNED - _____	REVISED - _____
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	DATE - _____	REVISED - _____


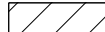
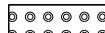
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

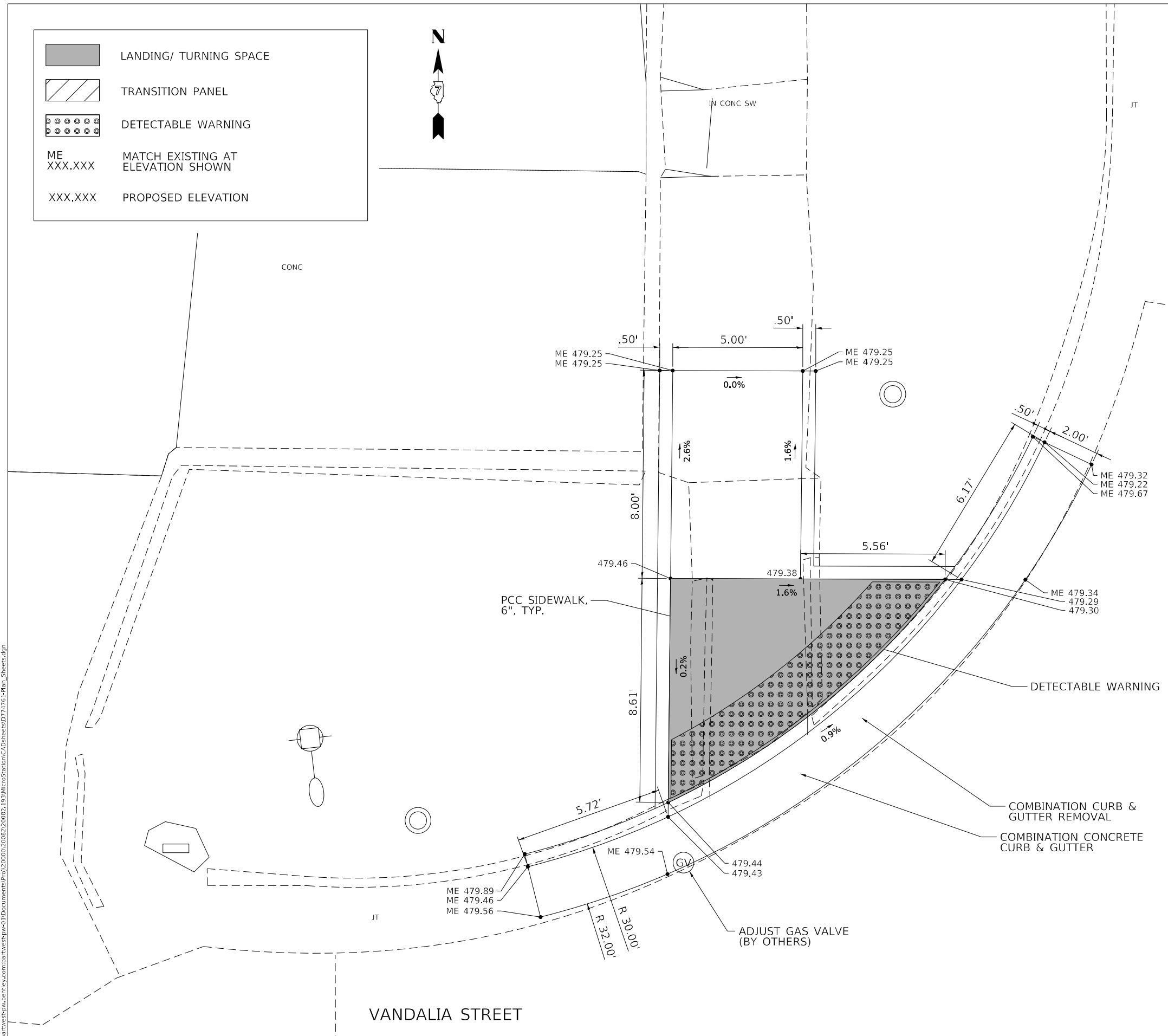
**LOUISVILLE ADA PLAN SHEET
 VANDALIA ST. OVERVIEW**

SCALE: 1" = 10' SHEET 01 OF 03 SHEETS STA. 43+00.00 TO STA. 58+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	50
CONTRACT NO. 74791				
ILLINOIS FED. AID PROJECT				

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	LANDING/ TURNING SPACE
	TRANSITION PANEL
	DETECTABLE WARNING
ME XXX.XXX	MATCH EXISTING AT ELEVATION SHOWN
XXX.XXX	PROPOSED ELEVATION



FAP 328 (US 45)

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 1207 SINCLAIR DRIVE, SUITE 2 - JERSEYVILLE, IL 62552
 PHONE 618-454-0051
 ILLINOIS DESIGN FIRM NO. 184000280-0002
 WWW.BARTLETTWEST.COM

USER NAME = MAG01839	DESIGNED - MAG	REVISED - _____
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PLOT DATE = 10/19/2023	DRAWN - MAG	REVISED - _____
	CHECKED - KTW	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LOUISVILLE ADA PLAN SHEET
STA. 1317 + 50 NW OF VANDALIA ST.**

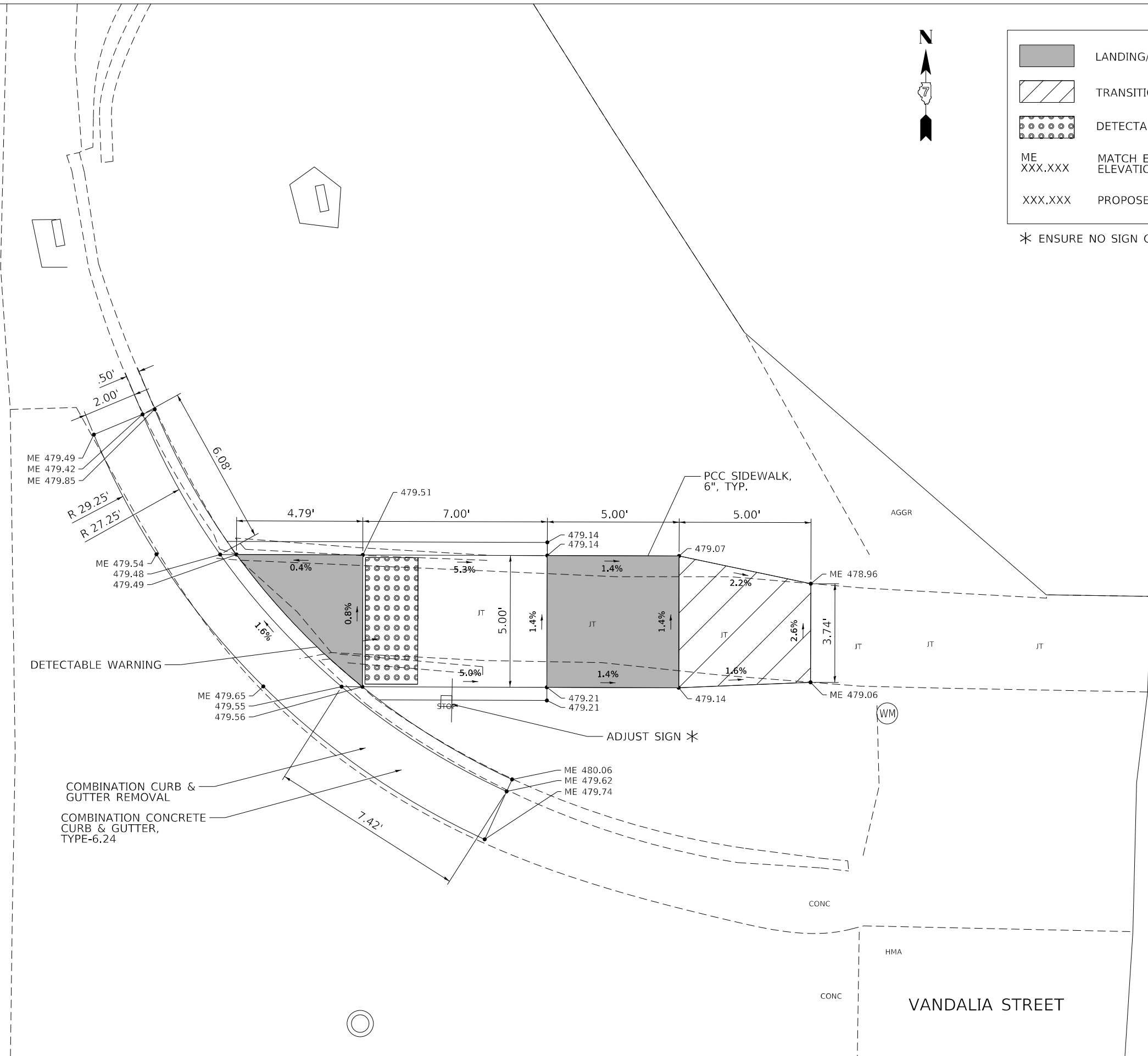
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	51
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				



	LANDING/ TURNING SPACE
	TRANSITION PANEL
	DETECTABLE WARNING
ME XXX.XXX	MATCH EXISTING AT ELEVATION SHOWN
XXX.XXX	PROPOSED ELEVATION

* ENSURE NO SIGN OVERHANG ON SIDEWALK



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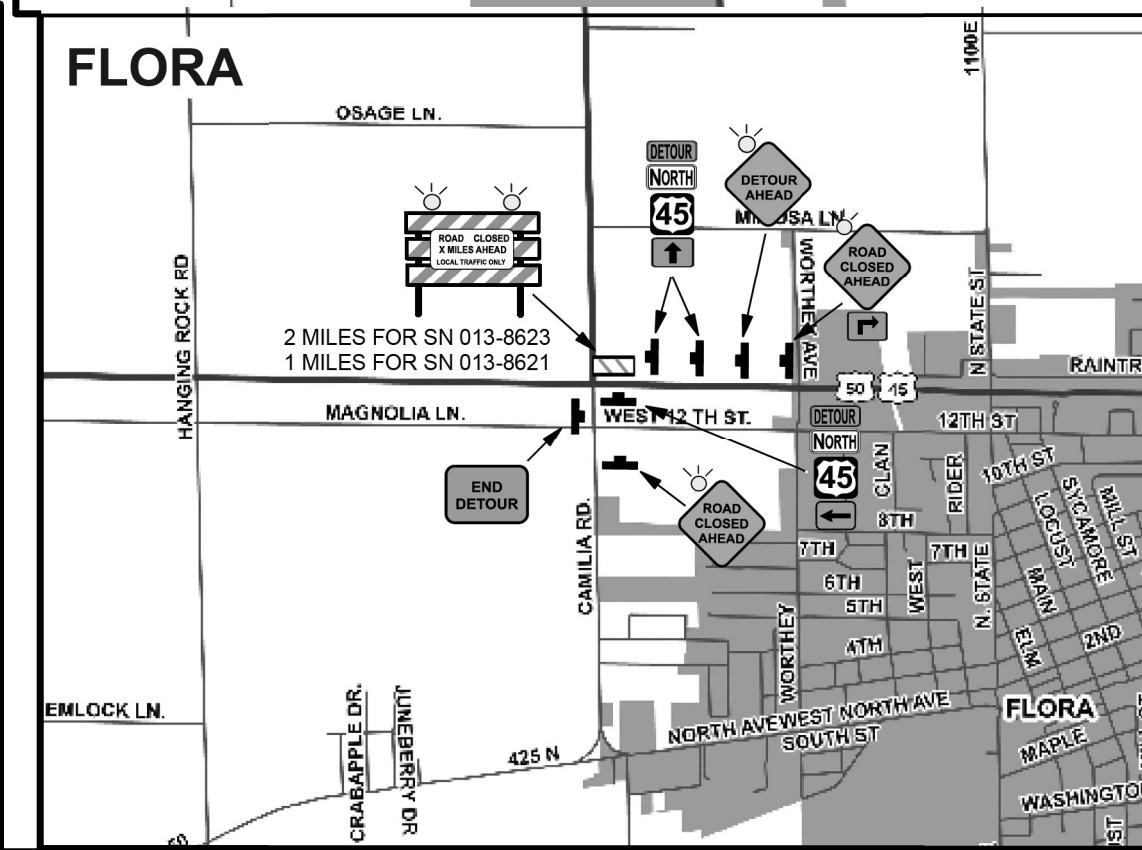
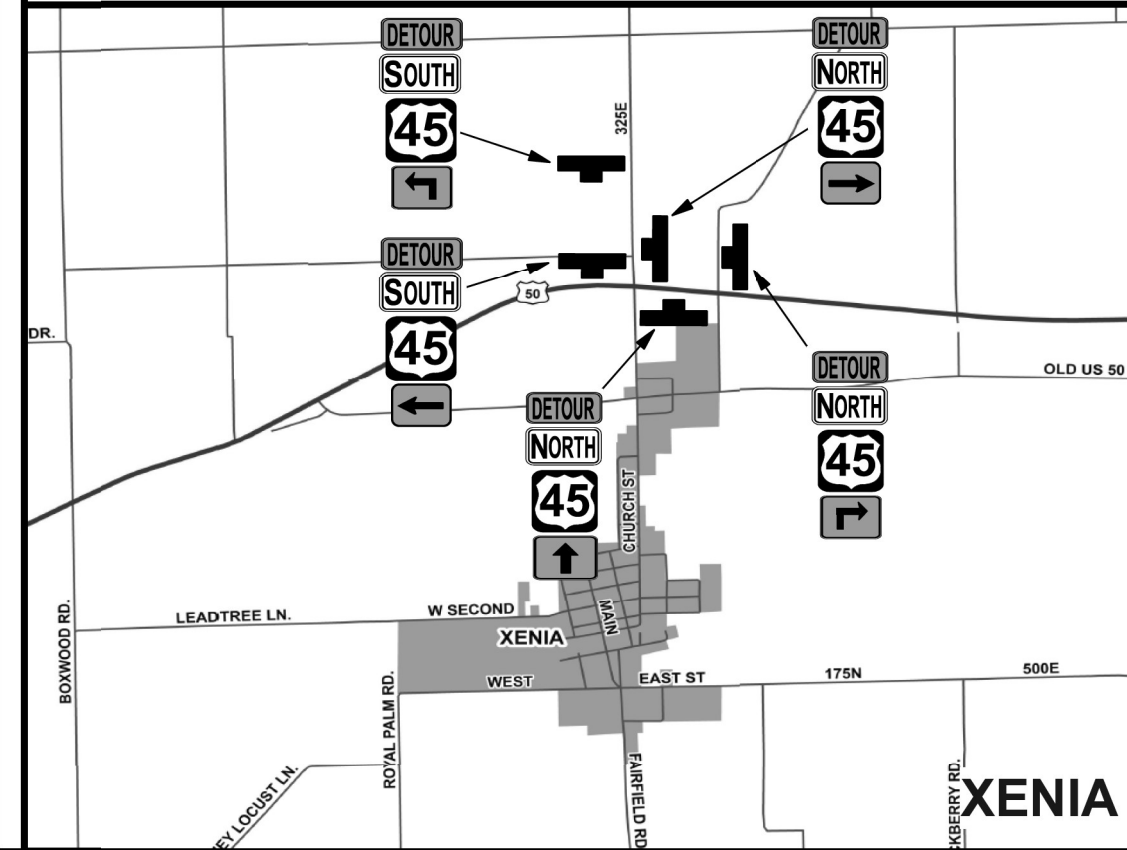
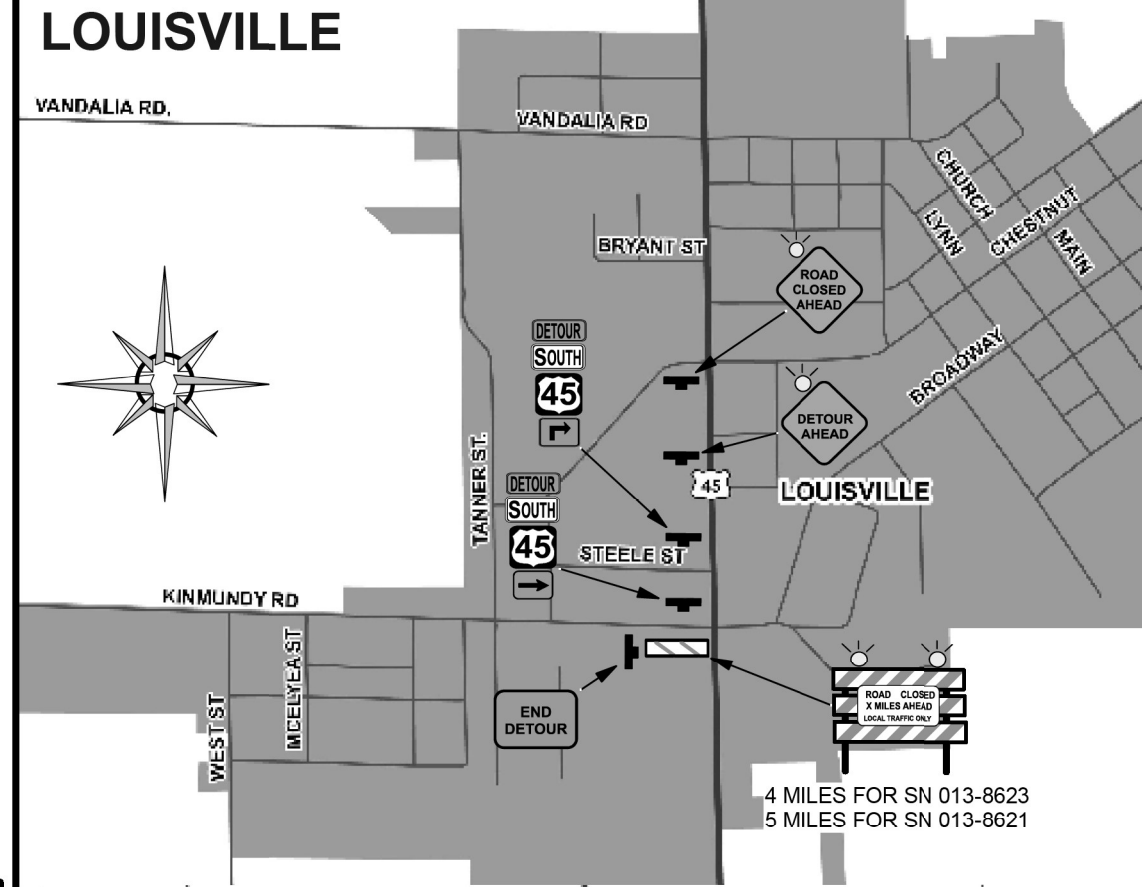
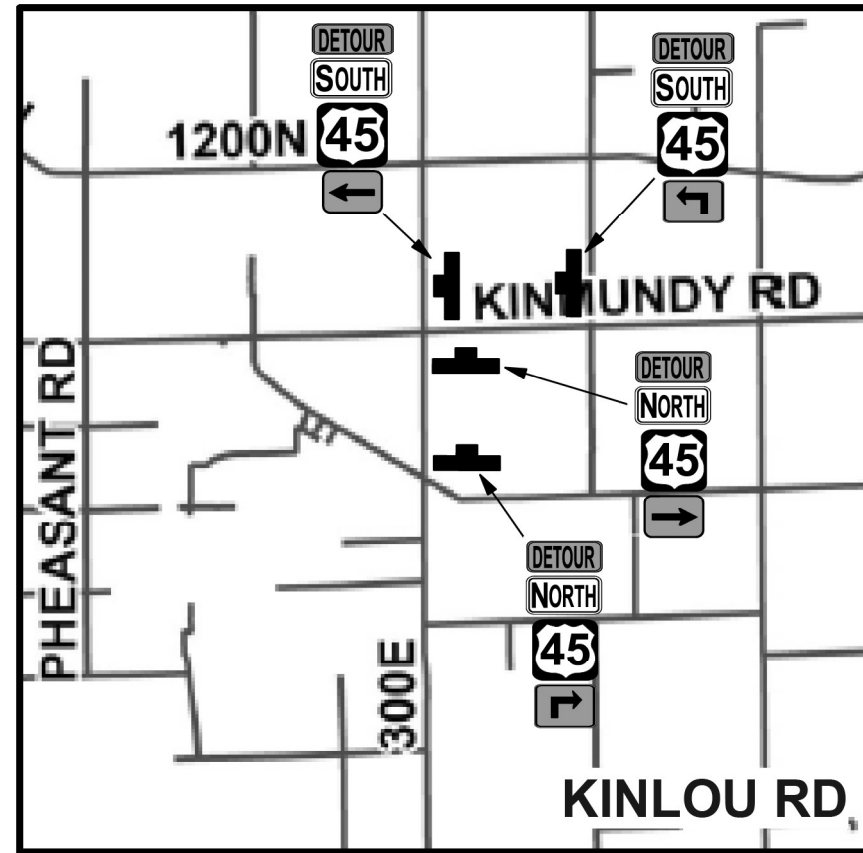


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PLOT DATE = 10/19/2023	CHECKED - KTW	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOUISVILLE ADA PLAN SHEET			
STA. 1317 + 50 NE OF VANDALIA ST.			
SCALE: 1" = 2"	SHEET 01	OF 01 SHEETS	STA. 43+00.00 TO STA. 58+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	52
CONTRACT NO. 74761				
		ILLINOIS	FED. AID PROJECT	



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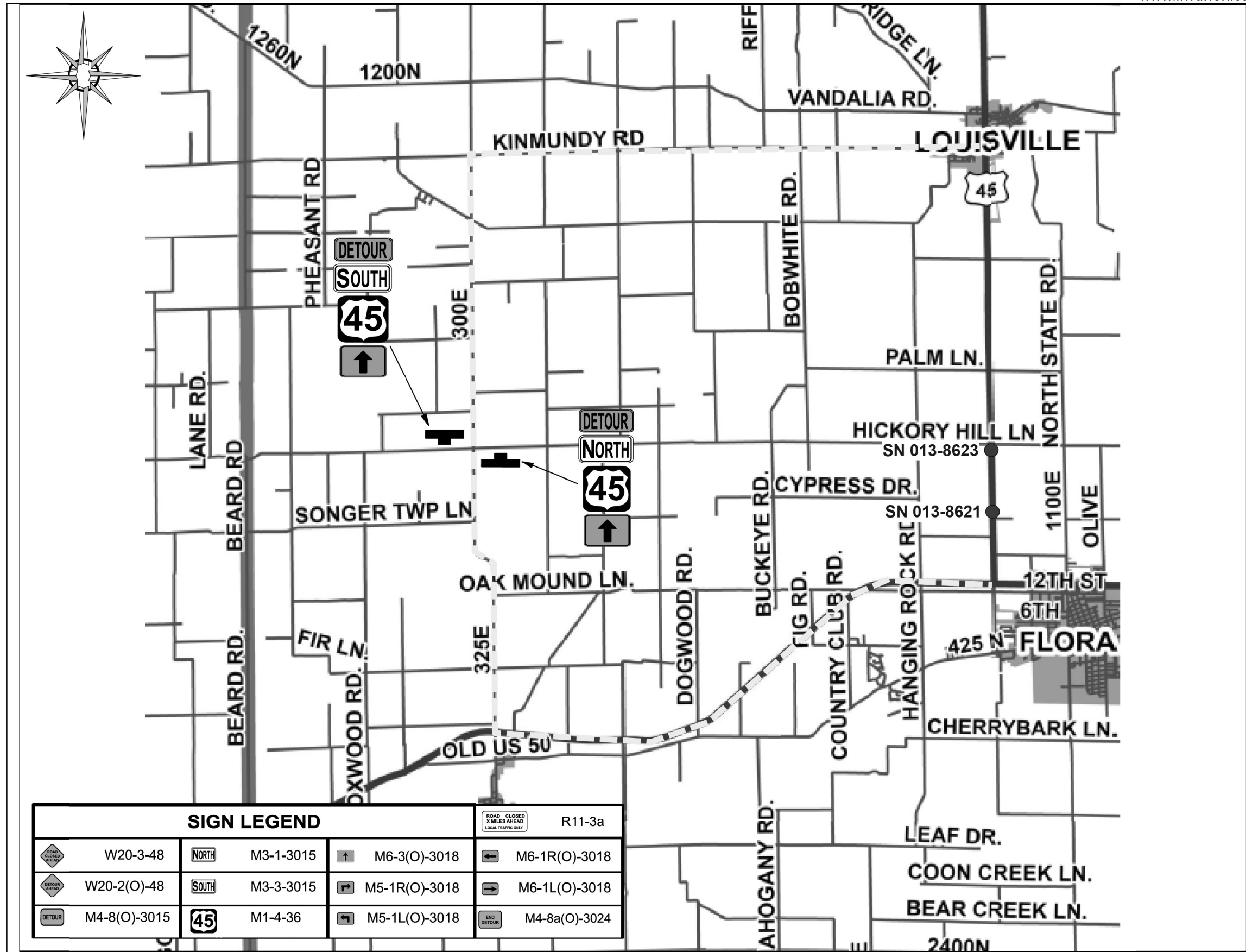
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PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/25/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR MAP

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	53
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				



SIGN LEGEND			
	W20-3-48		M3-1-3015
	W20-2(O)-48		M3-3-3015
	M4-8(O)-3015		M1-4-36
	R11-3a		M6-3(O)-3018
			M5-1R(O)-3018
			M5-1L(O)-3018
			M6-1R(O)-3018
			M6-1L(O)-3018
			M4-8a(O)-3024

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	DATE -	REVISED -

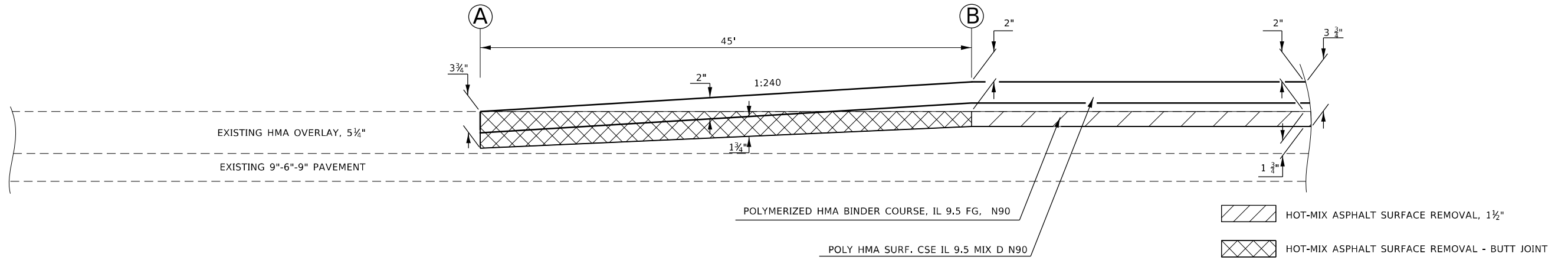
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



DETOUR MAP			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	54
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				

**PROPOSED PAVING DETAIL
US 45 MAINLINE**

(A) STATION 1658+85.00 TO (B) STATION 1658+40.00



-  HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
-  HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

NOTE: NOTE DRAWN TO SPECIFIC SCALE

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 SUBJECT: new_bentley.com
 PLOT DATE: 10/25/2023

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	DRAWN -	REVISED -
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PLOT DATE = 10/25/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

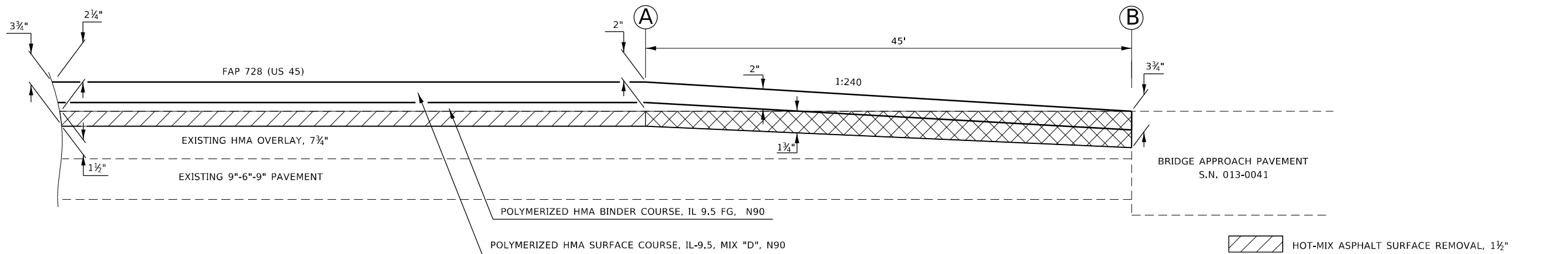
PROPOSED PAVING DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	56
CONTRACT NO. 74761			ILLINOIS FED. AID PROJECT	

PROPOSED PAVING DETAIL US 45 MAINLINE

(A) STATION TO (B) STATION
 1508+80.00 TO 1509+25.00
 1511+46.00 TO 1511+01.00



- HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

NOTE: NOT DRAWN TO SCALE

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 SUBJECT: new_bentley.com
 PLOT DATE: 10/25/2023

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PLOT DATE = 10/25/2023	DATE -	REVISED -	

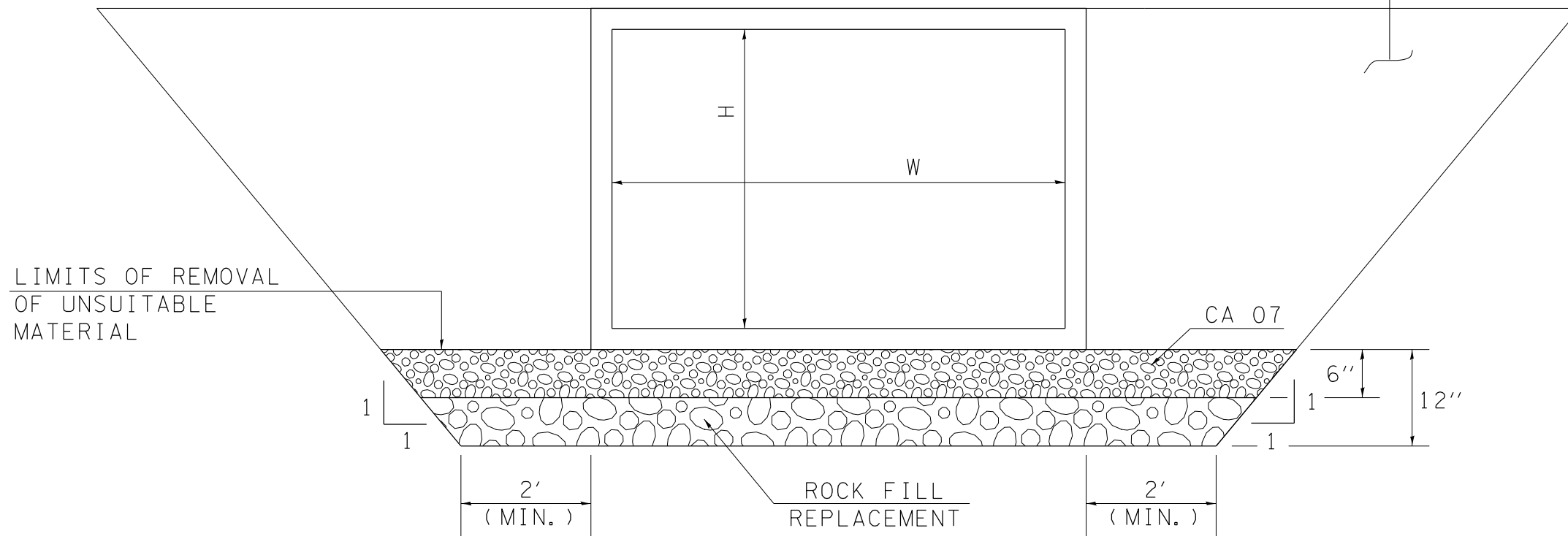
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PAVING DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	57
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				

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.



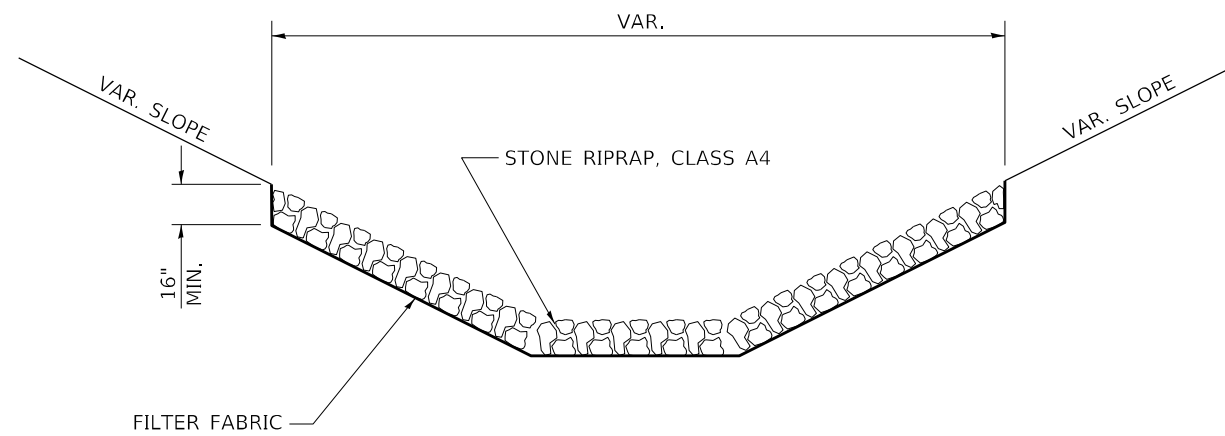
NOTE:
THE COST OF THE CA 07 PLACE UNDER THE NEW BOX CULVERT EXTENSION AS SHOWN ABOVE SHALL BE INCLUDED IN THE COST OF PRECAST CONCRETE BOX CULVERT.

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

CULVERT UNDERCUT DETAIL

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PLOT SCALE = 100,0000' / in.	DRAWN - LMH	REVISED -		SCALE: NO SCALE	SHEET	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 74761		
PLOT DATE = 10/25/2023	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT								
	DATE - 10/25/2023	REVISED -										



DETAIL OF RIPRAP, CLASS A4

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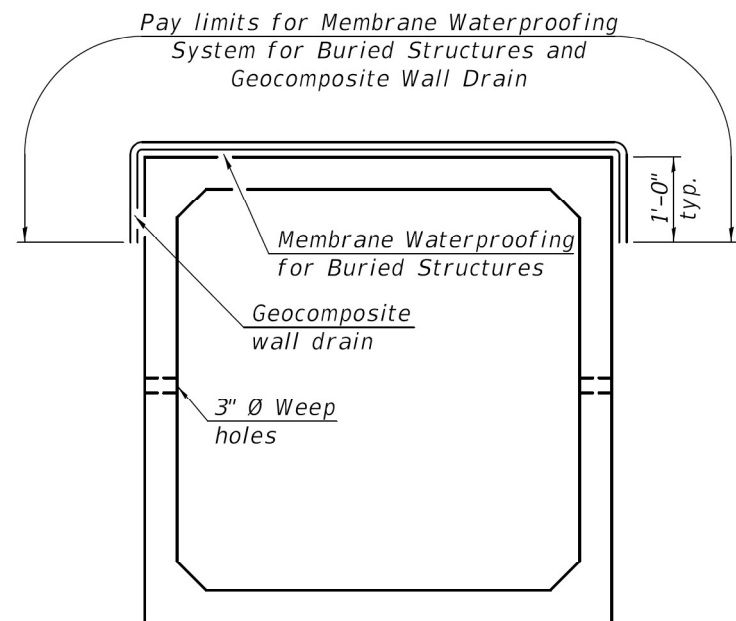
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PLOT DATE = 10/25/2023	DATE - 10/25/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RIPRAP DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	59
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				



**PRECAST CONCRETE
BOX CULVERT**

Fill Height ≤ 3 ft.
For fill heights > 3 ft., omit Membrane
Waterproofing System for Buried Structures
and Geocomposite Wall Drain.

Note:
Geocomposite Wall Drain shall be
according to Section 591 of the Standard
Specifications, except that concrete nails
shall not be used in areas where it
overlaps Membrane Waterproofing
System for Buried Structures.

**MEMBRANE WATERPROOFING
SYSTEM FOR PRECAST CULVERTS**

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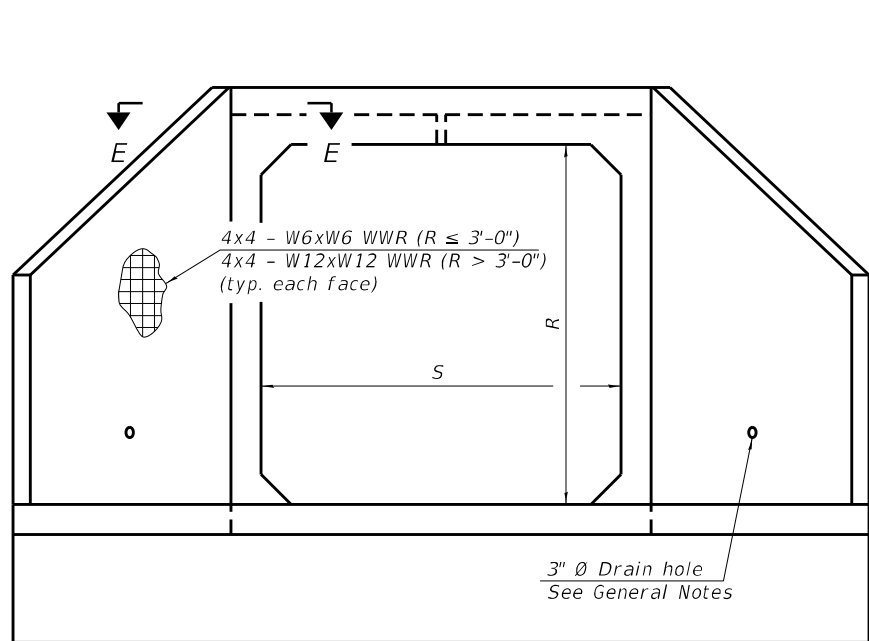
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

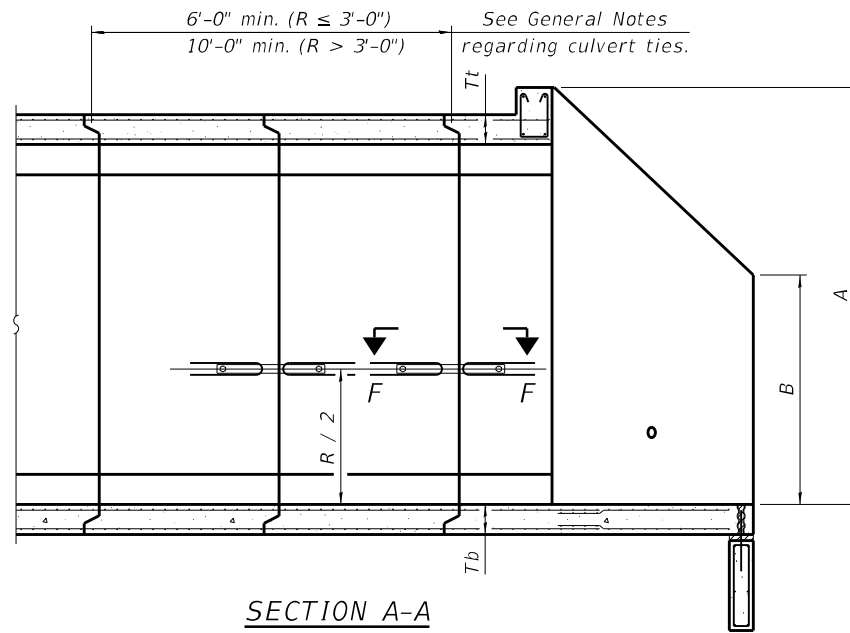
**PRECAST CONCRETE BOX CULVERT
MEMBRANE WATERPROOFING**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	60
CONTRACT NO. 74761			ILLINOIS FED. AID PROJECT	



END VIEW



SECTION A-A

GENERAL NOTES

Box Culvert End Sections shall be constructed according to the requirements of Section 540 of the Standard Specifications except as modified herein. End sections will be paid for at the contract unit price per each for Box Culvert End Sections.

The Contractor may furnish the end section as a single precast concrete piece or construct the end section in the field using cast-in-place (CIP) construction. For CIP construction, the bottom slab thickness shall be increased by 2" and the clear cover to the bottom mat of reinforcement shall be increased to 3".

Box section dimensions, materials, and reinforcement details for Box Culvert End Sections shall be according to the requirements for ASTM C 1577 as required for the design of the portion of the culvert within the limits of Precast Concrete Box Culverts except as modified herein.

The number of culvert ties shall be sufficient to engage the minimum length of culvert barrel shown within the pay limits for Precast Concrete Box Culverts and will be dependent upon the length of box culvert segments furnished by the Contractor. Culvert ties are not required for box culverts having a rise (R) less than or equal to 3 ft and a span (S) greater than or equal to 10 ft.

All costs associated with furnishing and installing or constructing the toewall and culvert ties will not be measured for payment but shall be included in the unit price for Box Culvert End Sections of the culvert number specified.

Shop drawings that detail slab thickness and reinforcement layout for the Box Culvert End Sections shall be provided to the Engineer for review and approval. Reinforcement bars not detailed herein shall be detailed with a clear distance at the end of the reinforcement not less than 1/2" nor more than 2". For the precast option, it shall be the Contractor's responsibility for determining a method of handling and a construction procedure shall be included in the shop drawings. The Contractor shall determine and detail in the shop drawings any necessary strengthening or stiffening provisions necessary to handle the precast segment. Any required modifications shall be at no extra charge.

The Contractor may use reinforcement bars in lieu of welded wire reinforcement (WWR). Reinforcement bars shall be limited to the sizes of #3 through #5 bars, a maximum spacing of the lesser of 8" or the member thickness, and shall result in an area of reinforcement equal to or greater than that provided by the WWR. Minimum lap lengths detailed herein are applicable to WWR and reinforcement bars.

Reinforcement (circumferential and longitudinal) in the culvert barrel portion of the end section being lapped with reinforcement from the wingwalls or bottom slab of the end section shall not be less than that required by ASTM C 1577 for the design fill height or the reinforcement detailed for the end section, whichever is greater.

One drain hole shall be provided in each wingwall for end sections of box culverts having an opening with a clear rise greater than 3 ft. The drain hole shall be located within the lower 1/3 of the clear rise of the box culvert and shall conform to the requirements of Article 503.11 of the Standard Specifications.

APRON END SECTION DIMENSIONS

Span (S)	Rise (R)	Tt	Tb	Ts	A	B	C	D	E	Concrete Cu. Yd.	Culvert Ties Required
3'-0"	2'-0"	7"	6"	4"	3'-4"	2'-2"	2'-10 5/8"	4'-1"	10'-4 5/8"	2.8	Yes
3'-0"	2'-0"	4"	4"	4"	3'-1"	2'-1"	2'-7 7/8"	3'-9"	9'-11"	2.3	Yes
3'-0"	3'-0"	7"	6"	4"	4'-4"	2'-8"	3'-10 3/8"	5'-6"	12'-4 3/8"	3.7	Yes
3'-0"	3'-0"	4"	4"	4"	4'-1"	2'-7"	3'-7 7/8"	5'-2"	11'-11"	3.1	Yes
4'-0"	2'-0"	7.5"	6"	5"	3'-4 1/2"	2'-2 1/2"	2'-11 3/8"	4'-2"	11'-8"	3.3	Yes
4'-0"	2'-0"	5"	5"	5"	3'-2"	2'-1"	2'-8 1/2"	3'-10"	11'-2 3/8"	2.8	Yes
4'-0"	3'-0"	7.5"	6"	5"	4'-4 1/2"	2'-8 1/2"	3'-11 3/8"	5'-7"	13'-8 1/8"	4.2	Yes
4'-0"	3'-0"	5"	5"	5"	4'-2"	2'-7"	3'-8 1/2"	5'-3"	13'-2 3/8"	3.7	Yes
4'-0"	4'-0"	7.5"	6"	5"	5'-4 1/2"	3'-2 1/2"	4'-11 3/8"	7'-0"	15'-8 1/8"	5.3	Yes
4'-0"	4'-0"	5"	5"	5"	5'-2"	3'-1"	4'-8 3/8"	6'-8"	15'-2 1/2"	4.7	Yes
5'-0"	2'-0"	8"	7"	6"	3'-5"	2'-3"	2'-11 3/8"	4'-2"	12'-10"	3.9	Yes
5'-0"	2'-0"	6"	6"	6"	3'-3"	2'-2"	2'-10"	4'-0"	12'-7 1/4"	3.5	Yes
5'-0"	3'-0"	8"	7"	6"	4'-5"	2'-9"	3'-11 3/8"	5'-7"	14'-10 1/8"	4.9	Yes
5'-0"	3'-0"	6"	6"	6"	4'-3"	2'-8"	3'-10"	5'-5"	14'-7 1/4"	4.5	Yes
5'-0"	4'-0"	8"	7"	6"	5'-5"	3'-3"	4'-11 3/8"	7'-0"	16'-10 1/8"	6.1	Yes
5'-0"	4'-0"	6"	6"	6"	5'-3"	3'-2"	4'-9 1/4"	6'-9"	16'-5 1/8"	5.5	Yes
5'-0"	5'-0"	8"	7"	6"	6'-5"	3'-9"	5'-11 3/8"	8'-5"	18'-10 1/8"	7.4	Yes
5'-0"	5'-0"	6"	6"	6"	6'-3"	3'-8"	5'-9 1/4"	8'-2"	18'-5 1/8"	6.8	Yes
6'-0"	2'-0"	8"	7"	7"	3'-5"	2'-3"	2'-11 3/8"	4'-2"	14'-0"	4.3	Yes
6'-0"	2'-0"	7"	7"	7"	3'-4"	2'-2"	2'-10 3/8"	4'-1"	13'-10 3/8"	4.2	Yes
6'-0"	3'-0"	8"	7"	7"	4'-5"	2'-9"	3'-11 3/8"	5'-7"	16'-0 1/8"	5.4	Yes
6'-0"	3'-0"	7"	7"	7"	4'-4"	2'-8"	3'-10 3/8"	5'-6"	15'-10 3/8"	5.2	Yes
6'-0"	4'-0"	8"	7"	7"	5'-5"	3'-3"	4'-11 3/8"	7'-0"	18'-0 1/8"	6.5	Yes
6'-0"	4'-0"	7"	7"	7"	5'-4"	3'-2"	4'-10 3/4"	6'-11"	17'-10 3/4"	6.5	Yes
6'-0"	5'-0"	8"	7"	7"	6'-5"	3'-9"	5'-11 3/8"	8'-5"	20'-0 1/8"	8.0	Yes
6'-0"	5'-0"	7"	7"	7"	6'-4"	3'-8"	5'-10 3/4"	8'-4"	19'-10 3/4"	7.8	Yes
6'-0"	6'-0"	8"	7"	7"	7'-5"	4'-3"	6'-11 1/2"	9'-10"	22'-0 1/4"	9.5	Yes
6'-0"	6'-0"	7"	7"	7"	7'-4"	4'-2"	6'-10 3/4"	9'-9"	21'-10 3/4"	9.3	Yes
7'-0"	2'-0"	8"	8"	8"	3'-5"	2'-3"	2'-11 3/8"	4'-2"	15'-2"	4.9	Yes
7'-0"	3'-0"	8"	8"	8"	4'-5"	2'-9"	3'-11 3/8"	5'-7"	17'-2 1/8"	6.1	Yes
7'-0"	4'-0"	8"	8"	8"	5'-5"	3'-3"	4'-11 3/8"	7'-0"	19'-2 1/8"	7.4	Yes
7'-0"	5'-0"	8"	8"	8"	6'-5"	3'-9"	5'-11 3/8"	8'-5"	21'-2 1/8"	8.9	Yes
7'-0"	6'-0"	8"	8"	8"	7'-5"	4'-3"	6'-11 1/2"	9'-10"	23'-2 1/4"	10.6	Yes
8'-0"	2'-0"	8"	8"	8"	3'-5"	2'-3"	2'-11 3/8"	4'-2"	16'-2"	5.3	Yes
8'-0"	3'-0"	8"	8"	8"	4'-5"	2'-9"	3'-11 3/8"	5'-7"	18'-2 1/8"	6.5	Yes
8'-0"	4'-0"	8"	8"	8"	5'-5"	3'-3"	4'-11 3/8"	7'-0"	20'-2 1/8"	7.8	Yes
8'-0"	5'-0"	8"	8"	8"	6'-5"	3'-9"	5'-11 3/8"	8'-5"	22'-2 1/8"	9.3	Yes
8'-0"	6'-0"	8"	8"	8"	7'-5"	4'-3"	6'-11 1/2"	9'-10"	24'-2 1/4"	11.0	Yes
9'-0"	2'-0"	9"	9"	9"	3'-6"	2'-3"	3'-0 3/4"	4'-4"	17'-6 7/8"	6.2	Yes
9'-0"	3'-0"	9"	9"	9"	4'-6"	2'-9"	4'-0 3/4"	5'-9"	19'-6 7/8"	7.5	Yes
9'-0"	4'-0"	9"	9"	9"	5'-6"	3'-3"	5'-0 3/4"	7'-2"	21'-6 7/8"	9.0	Yes
9'-0"	5'-0"	9"	9"	9"	6'-6"	3'-9"	6'-0 7/8"	8'-7"	23'-7"	10.6	Yes
9'-0"	6'-0"	9"	9"	9"	7'-6"	4'-3"	7'-0 7/8"	9'-11"	25'-5 5/8"	12.4	Yes
10'-0"	2'-0"	10"	10"	10"	3'-7"	2'-4"	3'-1 1/2"	4'-5"	18'-10 1/4"	7.1	No
10'-0"	3'-0"	10"	10"	10"	4'-7"	2'-10"	4'-1 1/2"	5'-10"	20'-10 1/4"	8.6	No
10'-0"	4'-0"	10"	10"	10"	5'-7"	3'-4"	5'-1 1/2"	7'-3"	22'-10 3/8"	10.2	Yes
10'-0"	5'-0"	10"	10"	10"	6'-7"	3'-10"	6'-1 1/2"	8'-8"	24'-10 3/8"	12.0	Yes
10'-0"	6'-0"	10"	10"	10"	7'-7"	4'-4"	7'-1 1/2"	10'-1"	26'-10 3/8"	13.9	Yes
11'-0"	2'-0"	11"	11"	11"	3'-8"	2'-4"	3'-2 7/8"	4'-7"	20'-3 1/8"	8.2	No
11'-0"	3'-0"	11"	11"	11"	4'-8"	2'-10"	4'-2 7/8"	6'-0"	22'-3 1/8"	9.8	No
11'-0"	4'-0"	11"	11"	11"	5'-8"	3'-4"	5'-2 1/4"	7'-4"	24'-1 3/4"	11.5	Yes
11'-0"	5'-0"	11"	11"	11"	6'-8"	3'-10"	6'-2 1/4"	8'-9"	26'-1 3/4"	13.3	Yes
11'-0"	6'-0"	11"	11"	11"	7'-8"	4'-4"	7'-2 1/4"	10'-2"	28'-1 7/8"	15.5	Yes
12'-0"	2'-0"	12"	12"	12"	3'-9"	2'-5"	3'-3 3/8"	4'-8"	21'-6 1/2"	9.3	No
12'-0"	3'-0"	12"	12"	12"	4'-9"	2'-11"	4'-3 3/8"	6'-1"	23'-6 1/2"	11.1	No
12'-0"	4'-0"	12"	12"	12"	5'-9"	3'-5"	5'-3 3/8"	7'-6"	25'-6 3/8"	13.0	Yes
12'-0"	5'-0"	12"	12"	12"	6'-9"	3'-11"	6'-3 3/8"	8'-11"	27'-6 3/8"	14.1	Yes
12'-0"	6'-0"	12"	12"	12"	7'-9"	4'-5"	7'-3 3/8"	10'-4"	29'-6 3/8"	17.4	Yes

Note:

Two sets of apron end section dimensions are shown above for some box culvert sizes due to the top and bottom slabs having different thicknesses per ASTM C 1577 for design fill heights less than 2 ft.

(Sheet 1 of 2)

SCB-AES

2-17-2017

USER NAME = jessica.hille	DESIGNED -	REVISD -
DRAWN -	REVISD -	
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PLOT DATE = 10/25/2023	DATE -	REVISD -

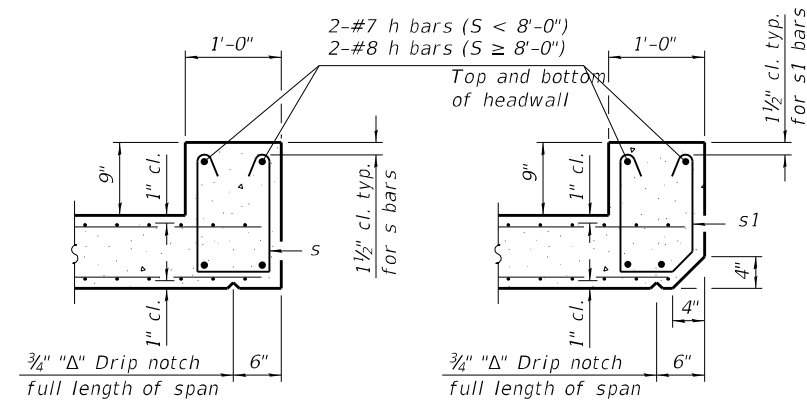
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PRECAST CONCRETE BOX CULVERT APRON END
SECTION DETAILS - STRUCTURE NO. 013-8621 & 013-8623

SCALE: SHEET OF SHEETS STA. TO STA.

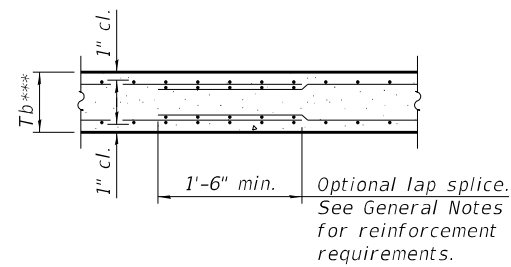
F.A.P. RTE. 328	SECTION (5,6)RS-1	COUNTY CLAY	TOTAL SHEETS 72	SHEET NO. 61
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				

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 PLOT DATE = 10/25/2023



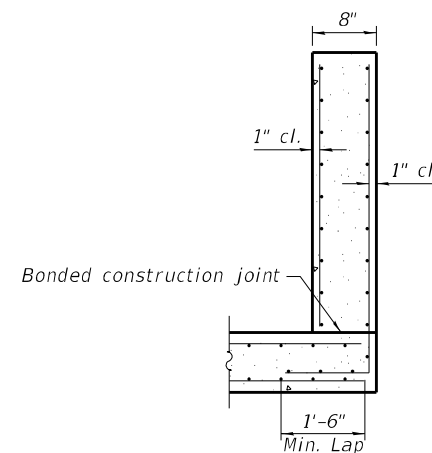
SECTION B-B
(Top slab at downstream end)

SECTION B-B
(Top slab at upstream end)

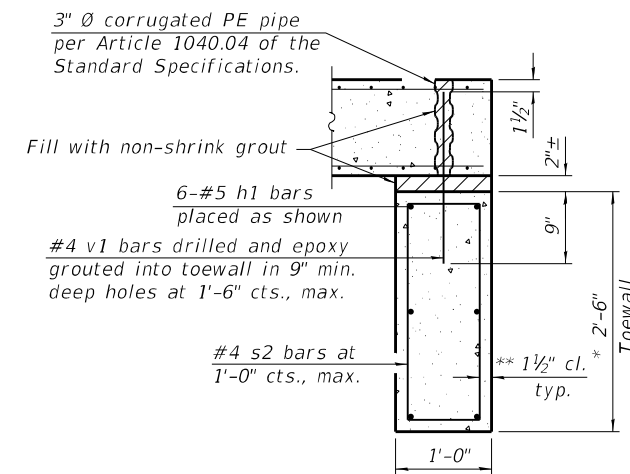


SECTION B-B
(Bottom Slab)

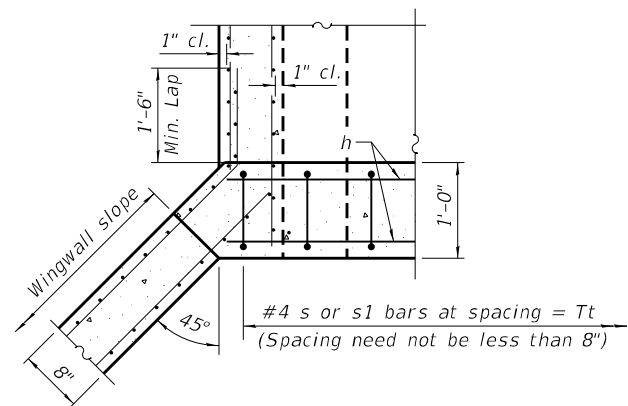
*** This dimension shall be increased by 2" for CIP construction.



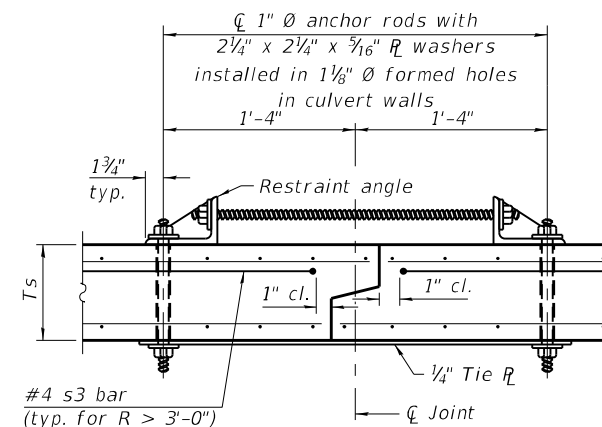
SECTION C-C



SECTION D-D



SECTION E-E



SECTION F-F
(Showing culvert tie details)

TOEWALL CONSTRUCTION SEQUENCE

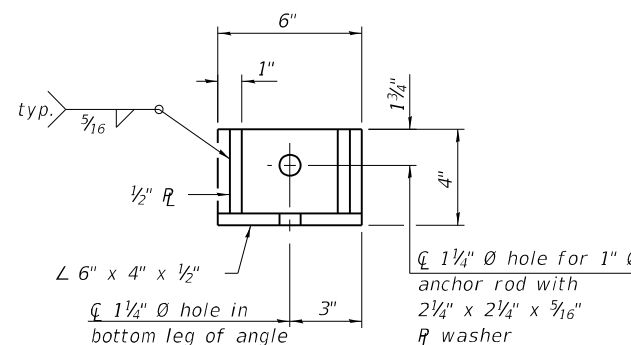
1. Perform excavation and construct toewall.
2. Backfill accordingly and place bedding for precast box culvert end sections.
3. Set precast box culvert end section.
4. Drill and epoxy grout reinforcement in toewall in accordance with Section 584 of the Standard Specifications.
5. Pressure grout voids using non-shrink grout conforming to Section 1024 of the Standard Specifications.

* The Contractor may furnish a precast or cast-in-place toewall. The Contractor shall be responsible for the strength and stability of the precast toewall during handling. Additional lifting points may be required depending upon the length of the toewall or the Contractor may need to modify the design of the toewall for the proposed handling method.

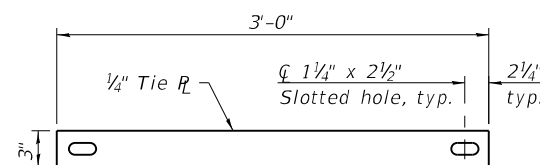
** If soil conditions permit, the sides of the toewall may be poured directly against the soil. The clear cover on the sides of the toewall shall be increased to 3" by increasing the thickness of the toewall.

Notes:

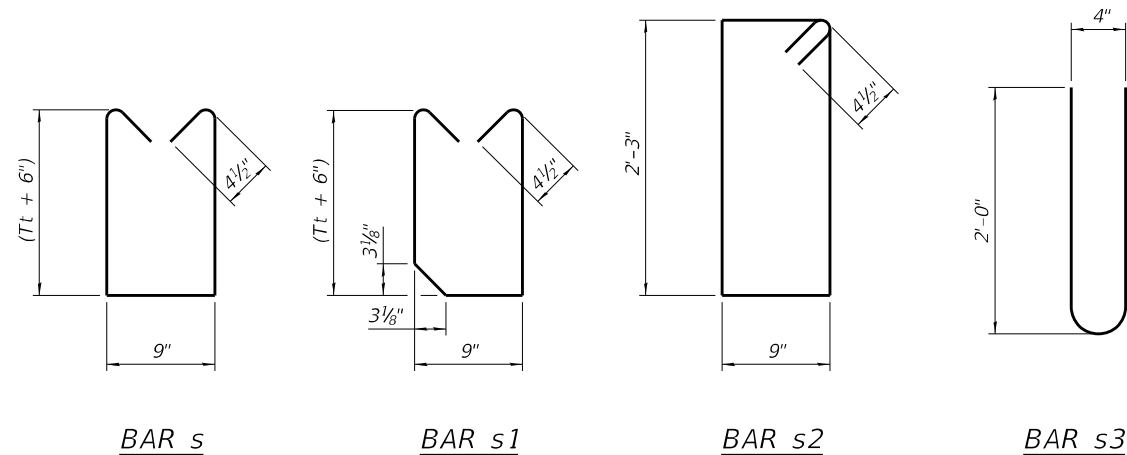
1" diameter anchor rods for the culvert ties shall conform to the requirements of ASTM F1554, Grade 105. Structural steel for the tie plate and restraint angle shall conform to the requirements of Article 1006.04 of the Standard Specifications. All components of the culvert tie detail shall be galvanized according to the requirements of AASHTO M 111 or M 232 as applicable. 2 1/4" x 2 1/4" x 3/16" plate washers shall be provided under each nut required for the anchor rods. Anchor rods connecting precast sections shall be brought to a snug tight condition followed by an additional 1/2 turn on one of the nuts for anchor rods installed in the walls. Match marks shall be provided on the bolt and nut to verify relative rotation between the bolt and the nut. Holes in the walls for the culvert tie assembly may be drilled using core bits in lieu of using formed holes.



RESTRAINT ANGLE DETAIL



TIE PLATE DETAIL



BAR s

BAR s1

BAR s2

BAR s3

(Sheet 2 of 2)

SCB-AES

2-17-2017

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

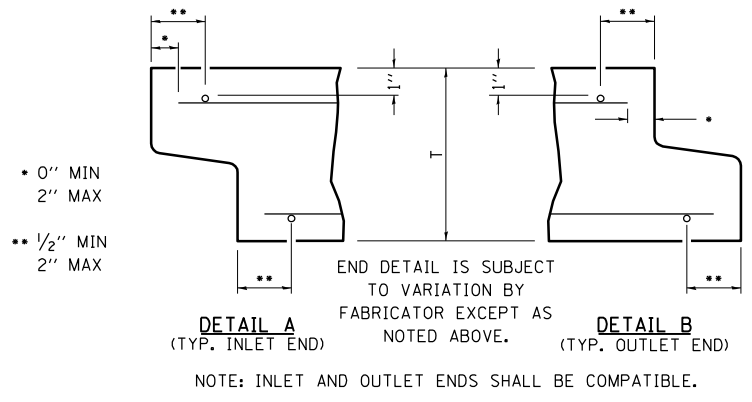
PRECAST CONCRETE BOX CULVERT APRON END
SECTION DETAILS - STRUCTURE NO. 013-8621 & 013-8623

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	62
CONTRACT NO. 74761				

SCALE: SHEET OF SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT

DETAIL OF PRECAST CONCRETE BOX CULVERT ASTM C1577



**DESIGN LOADING:
COMBINED EARTH DEAD LOAD
AND AASHTO HL-93 LIVE LOAD**

GENERAL NOTES

SHOP PLANS FOR THE REINFORCEMENT SHALL BE SUBMITTED IN ACCORDANCE WITH THE REQUIREMENTS OF ARTICLE 540.06 OF THE STANDARD SPECIFICATIONS, AND THE CURRENT POLICY MEMORANDUM "QUALITY CONTROL/QUALITY ASSURANCE PROGRAM FOR PRECAST CONCRETE PRODUCTS."

MINIMUM CONCRETE STRENGTH SHALL BE 5000 PSI AFTER 28 DAYS.

THE JOINTS OF THE PRECAST BOX SECTIONS SHALL BE SEALED IN ACCORDANCE WITH ARTICLE 540.06 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

THE TERMS A_{s1} , A_{s2} , A_{s3} , A_{s4} , A_{s5} , A_{s6} , A_{s7} , AND A_{s8} , DENOTE THE REQUIRED STEEL AREAS FOR REINFORCEMENT AS SPECIFIED IN ASTM C1577. REINFORCEMENT SHALL BE WELDED WIRE FABRIC CONFORMING TO AASHTO SPECIFICATIONS M55 (A185) OR M221 (A497), OR REINFORCEMENT BARS, GRADE 60, CONFORMING TO A706.

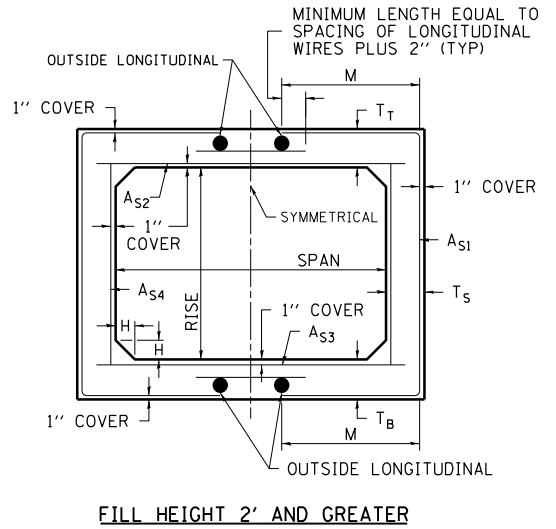
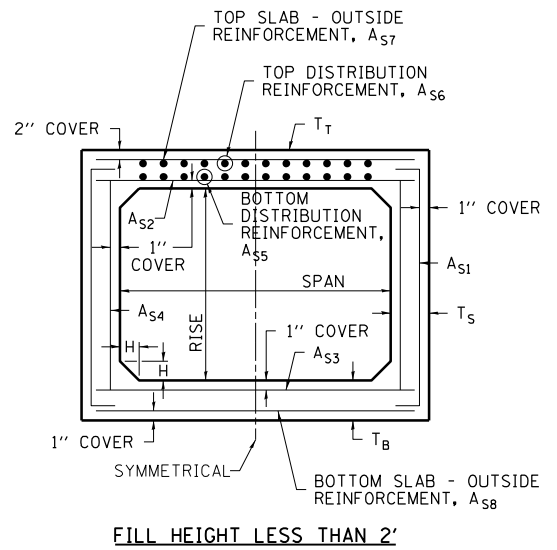
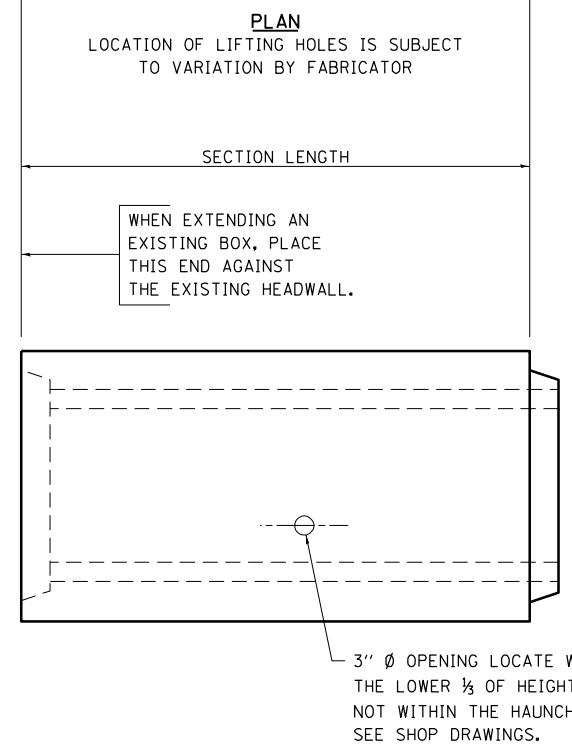
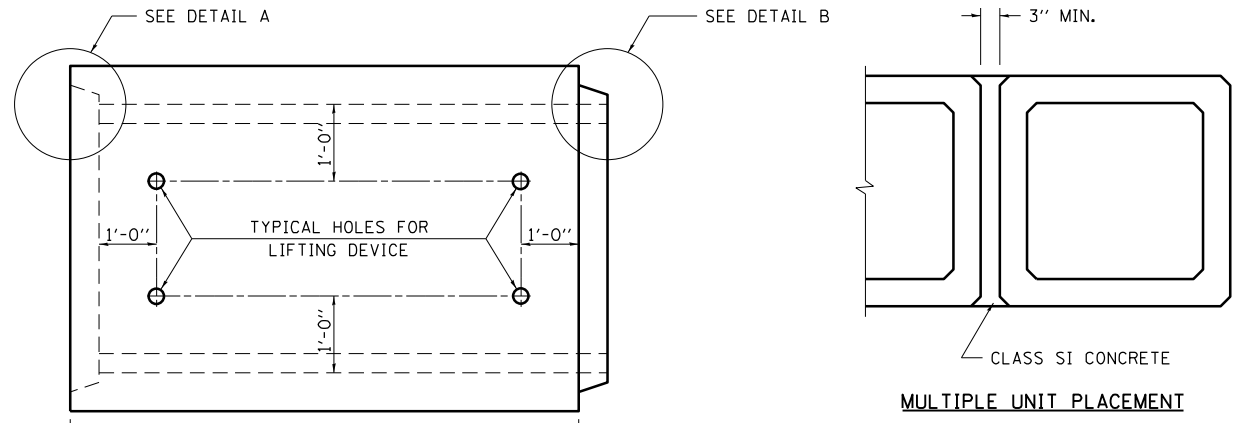
LIFTING HOLES SHALL BE FILLED IN ACCORDANCE WITH 540.06 OR PROJECT SPECIAL PROVISIONS.

DRAINAGE OPENINGS SHALL BE PROVIDED IN ACCORDANCE WITH ARTICLE 503.11 OF THE STANDARD SPECIFICATIONS. LOCATION AND SPACING OF THE OPENINGS SHALL BE SHOWN ON THE SHOP DRAWINGS.

DESIGN FILL HEIGHT (F):

MAXIMUM FILL HEIGHT (f_{max}) AND MINIMUM FILL HEIGHT (f_{min}) ARE MEASURED BETWEEN THE EXTREME EDGES OF SHOULDER.

DESIGN FILL HEIGHTS APPLY TO ENTIRE CULVERT, INCLUDING EXTENSIONS AND END SECTIONS.



Standard Sizes							
Span (ft)	x	Rise (ft)	Design Earth Cover (ft)	Ts (in)	Tt (in)	Tb (in)	Max Earth Cover (ft)
3	x	2	0 < 2	4	7	6	N/A
3	x	2	≥ 2	4	4	4	35
3	x	3	0 < 2	4	7	6	N/A
3	x	3	≥ 2	4	4	4	35
4	x	2	0 < 2	5	7.5	6	N/A
4	x	2	≥ 2	5	5	5	30
4	x	3	0 < 2	5	7.5	6	N/A
4	x	3	≥ 2	5	5	5	30
4	x	4	0 < 2	5	7.5	6	N/A
4	x	4	≥ 2	5	5	5	30
5	x	3	0 < 2	6	8	7	N/A
5	x	3	≥ 2	6	6	6	30
5	x	4	0 < 2	6	8	7	N/A
5	x	4	≥ 2	6	6	6	30
5	x	5	0 < 2	6	8	7	N/A
5	x	5	≥ 2	6	6	6	30
6	x	3	0 < 2	7	8	7	N/A
6	x	3	≥ 2	7	7	7	30
6	x	4	0 < 2	7	8	7	N/A
6	x	4	≥ 2	7	7	7	30
6	x	5	0 < 2	7	8	7	N/A
6	x	5	≥ 2	7	7	7	30
6	x	6	0 < 2	7	8	7	N/A
6	x	6	≥ 2	7	7	7	30
7	x	4	≤ 30	8	8	8	30
7	x	5	≤ 30	8	8	8	30
7	x	6	≤ 30	8	8	8	30
7	x	7	≤ 30	8	8	8	30
8	x	4	≤ 20	8	8	8	20
8	x	5	≤ 20	8	8	8	20
8	x	6	≤ 20	8	8	8	20
8	x	7	≤ 20	8	8	8	20
8	x	8	≤ 20	8	8	8	20
9	x	5	≤ 25	9	9	9	25
9	x	6	≤ 25	9	9	9	25
9	x	7	≤ 20	9	9	9	20
9	x	8	≤ 20	9	9	9	20
9	x	9	≤ 20	9	9	9	20
10	x	5	≤ 25	10	10	10	25
10	x	6	≤ 25	10	10	10	25
10	x	7	≤ 25	10	10	10	25
10	x	8	≤ 20	10	10	10	20
10	x	9	≤ 20	10	10	10	20
10	x	10	≤ 20	10	10	10	20
11	x	4	≤ 25	11	11	11	25
11	x	6	≤ 25	11	11	11	25
11	x	8	≤ 25	11	11	11	25
11	x	10	≤ 20	11	11	11	20
12	x	4	≤ 25	12	12	12	25
12	x	6	≤ 25	12	12	12	25
12	x	8	≤ 25	12	12	12	25
12	x	10	≤ 25	12	12	12	25
12	x	12	≤ 20	12	12	12	20

NOTE: Ts, Tt and Tb are minimums, per ASTM C1577.
 • "T" MAY BE LARGER THAN SHOWN ON TABLE, PER ASTM C1577 SPECIFICATIONS.

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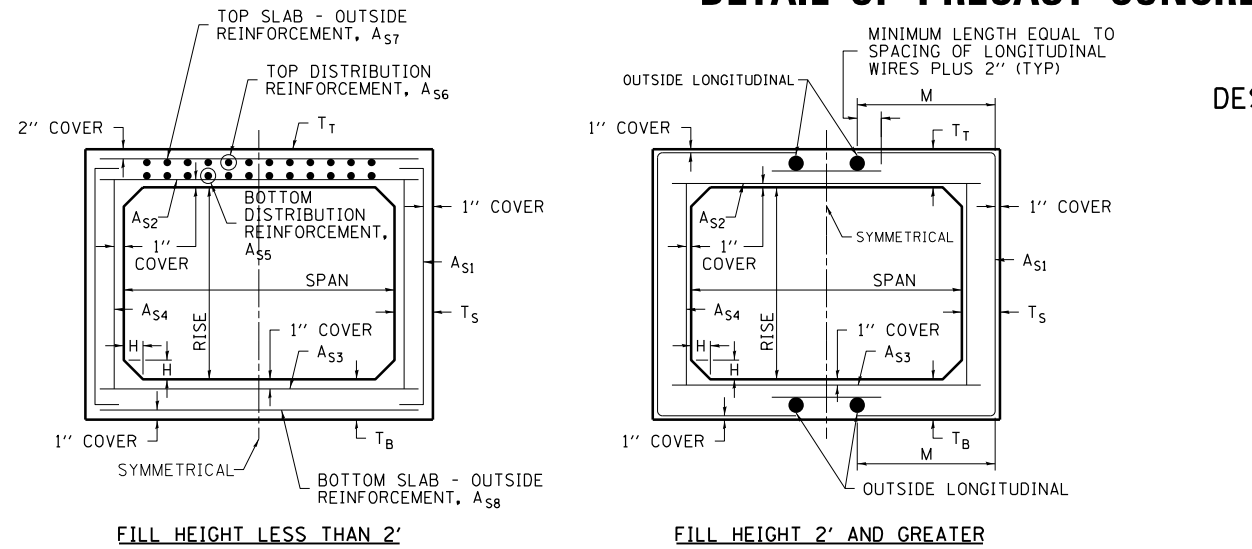
USER NAME = jessica.wille	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/25/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS OF PRECAST CONCRETE BOX CULVERT			
SCALE: NO SCALE	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	63
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				

DETAIL OF PRECAST CONCRETE BOX CULVERT END SECTION ASTM C1577



DESIGN LOADING:
 COMBINED EARTH DEAD LOAD
 AND AASHTO HL-93 LIVE LOAD

GENERAL NOTES

SHOP PLANS FOR THE REINFORCEMENT SHALL BE SUBMITTED IN ACCORDANCE WITH THE REQUIREMENTS OF ARTICLE 540.06 OF THE STANDARD SPECIFICATIONS, AND THE CURRENT POLICY MEMORANDUM "QUALITY CONTROL/QUALITY ASSURANCE PROGRAM FOR PRECAST CONCRETE PRODUCTS."

MINIMUM CONCRETE STRENGTH SHALL BE 5000 PSI AFTER 28 DAYS.

THE JOINTS OF THE PRECAST BOX SECTIONS SHALL BE SEALED IN ACCORDANCE WITH ARTICLE 540.06 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

THE TERMS A_{s1} , A_{s2} , A_{s3} , A_{s4} , A_{s5} , A_{s6} , A_{s7} , AND A_{s8} , DENOTE THE REQUIRED STEEL AREAS FOR REINFORCEMENT AS SPECIFIED IN ASTM C1577. REINFORCEMENT SHALL BE WELDED WIRE FABRIC CONFORMING TO AASHTO SPECIFICATIONS M55 (A185) OR M221 (A497), OR REINFORCEMENT BARS, GRADE 60, CONFORMING TO A706.

LIFTING HOLES SHALL BE FILLED IN ACCORDANCE WITH 540.06 OR PROJECT SPECIAL PROVISIONS.

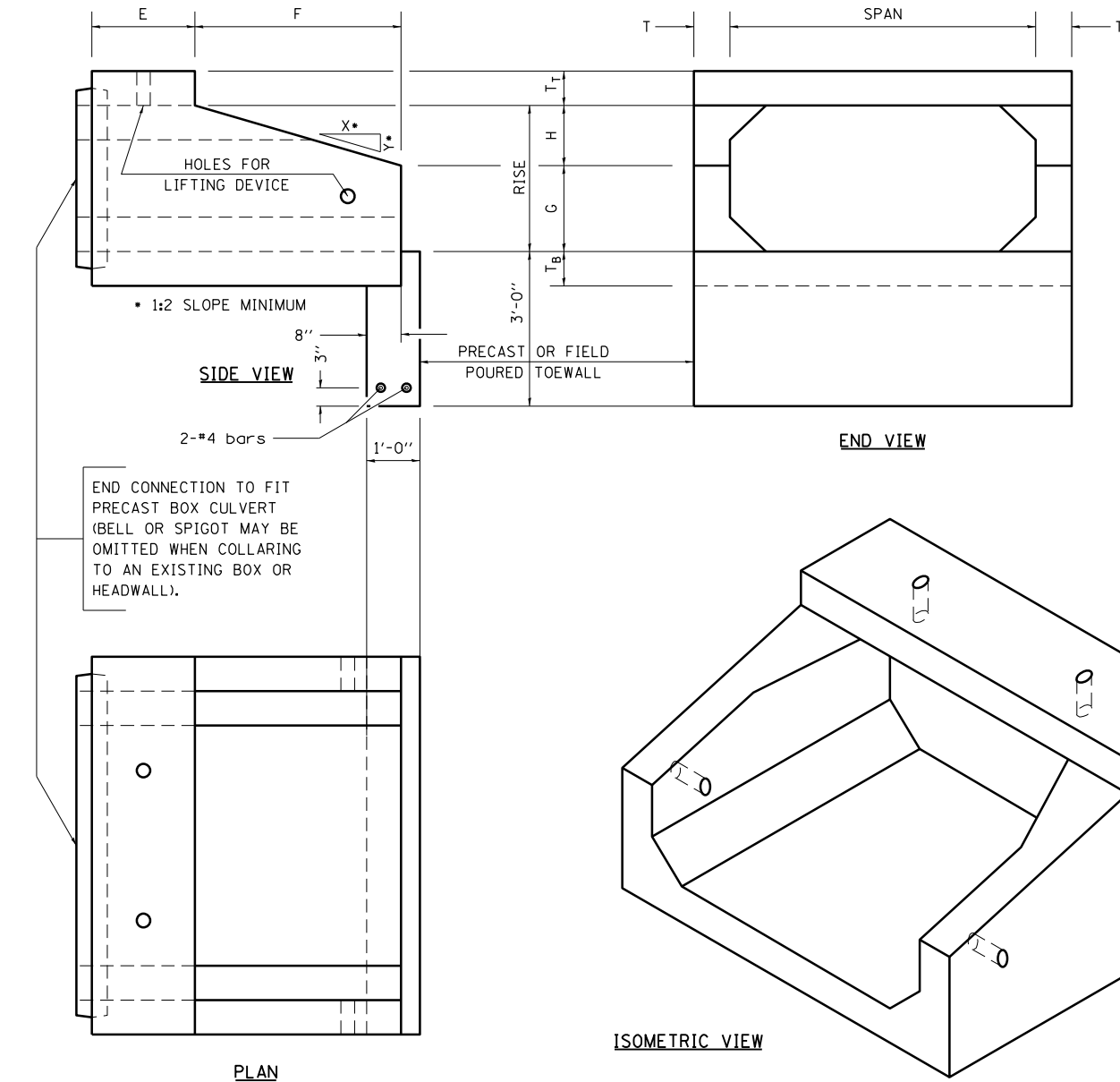
DESIGN FILL HEIGHT (F):

MAXIMUM FILL HEIGHT (f_{max}) AND MINIMUM FILL HEIGHT (f_{min}) ARE MEASURED BETWEEN THE EXTREME EDGES OF SHOULDER. DESIGN FILL HEIGHTS APPLY TO ENTIRE CULVERT, INCLUDING EXTENSIONS AND END SECTIONS.

Standard Sizes							
Span (ft)	x	Rise (ft)	Design Earth Cover (ft)	Ts (in)	Tt (in)	Tb (in)	Max Earth Cover (ft)
3	x	2	0 < 2	4	7	6	N/A
3	x	2	≥ 2	4	4	4	35
3	x	3	0 < 2	4	7	6	N/A
3	x	3	≥ 2	4	4	4	35
4	x	2	0 < 2	5	7.5	6	N/A
4	x	2	≥ 2	5	5	5	30
4	x	3	0 < 2	5	7.5	6	N/A
4	x	3	≥ 2	5	5	5	30
4	x	4	0 < 2	5	7.5	6	N/A
4	x	4	≥ 2	5	5	5	30
5	x	3	0 < 2	6	8	7	N/A
5	x	3	≥ 2	6	6	6	30
5	x	4	0 < 2	6	8	7	N/A
5	x	4	≥ 2	6	6	6	30
5	x	5	0 < 2	6	8	7	N/A
5	x	5	≥ 2	6	6	6	30
6	x	3	0 < 2	7	8	7	N/A
6	x	3	≥ 2	7	7	7	30
6	x	4	0 < 2	7	8	7	N/A
6	x	4	≥ 2	7	7	7	30
6	x	5	0 < 2	7	8	7	N/A
6	x	5	≥ 2	7	7	7	30
6	x	6	0 < 2	7	8	7	N/A
6	x	6	≥ 2	7	7	7	30
7	x	4	≤ 30	8	8	8	30
7	x	5	≤ 30	8	8	8	30
7	x	6	≤ 30	8	8	8	30
7	x	7	≤ 30	8	8	8	30
8	x	4	≤ 20	8	8	8	20
8	x	5	≤ 20	8	8	8	20
8	x	6	≤ 20	8	8	8	20
8	x	7	≤ 20	8	8	8	20
8	x	8	≤ 20	8	8	8	20
9	x	5	≤ 25	9	9	9	25
9	x	6	≤ 25	9	9	9	25
9	x	7	≤ 20	9	9	9	20
9	x	8	≤ 20	9	9	9	20
9	x	9	≤ 20	9	9	9	20
10	x	5	≤ 25	10	10	10	25
10	x	6	≤ 25	10	10	10	25
10	x	7	≤ 25	10	10	10	25
10	x	8	≤ 20	10	10	10	20
10	x	9	≤ 20	10	10	10	20
10	x	10	≤ 20	10	10	10	20
11	x	4	≤ 25	11	11	11	25
11	x	6	≤ 25	11	11	11	25
11	x	8	≤ 25	11	11	11	25
11	x	10	≤ 20	11	11	11	20
11	x	11	≤ 20	11	11	11	20
12	x	4	≤ 25	12	12	12	25
12	x	6	≤ 25	12	12	12	25
12	x	8	≤ 25	12	12	12	25
12	x	10	≤ 25	12	12	12	25
12	x	12	≤ 20	12	12	12	20

NOTE: Ts, Tt and Tb are minimums, per ASTM C1577.

* "T" MAY BE LARGER THAN SHOWN ON TABLE, PER ASTM C1577 SPECIFICATIONS.

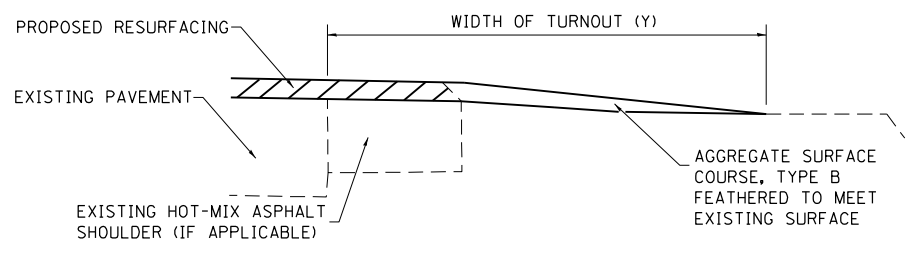
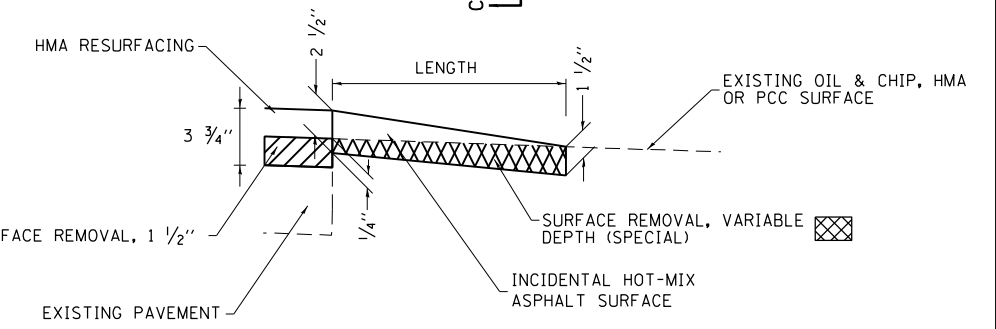
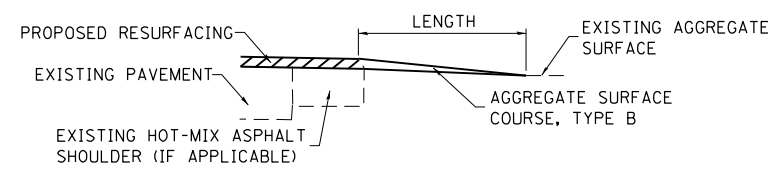
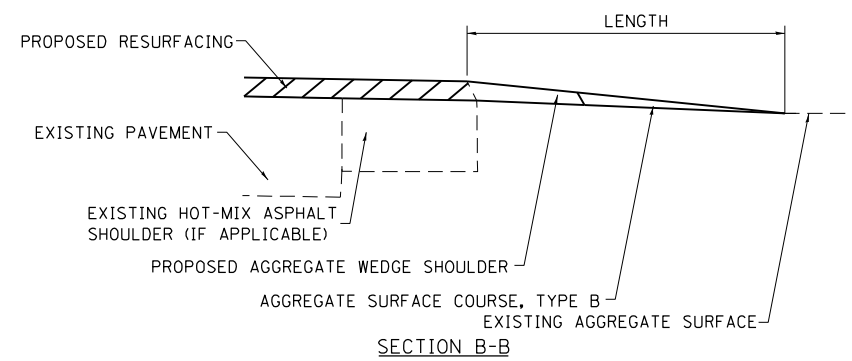
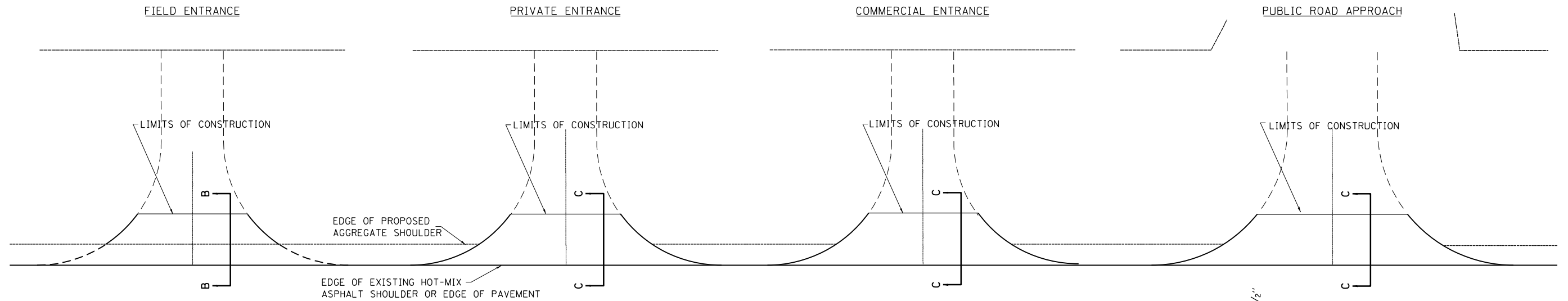


MODEL: Default
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 PROJECT: 74761
 SHEET: 64
 DATE: 10/25/2023

PLAN

ISOMETRIC VIEW

USER NAME = jessica.hille PLOT SCALE = 100,0000' / in. PLOT DATE = 10/25/2023	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS OF PRECAST CONCRETE BOX CULVERT	F.A.P. RTE. 328 SECTION (5,6)RS-1 COUNTY CLAY TOTAL SHEETS 72 SHEET NO. 64 CONTRACT NO. 74761
			SCALE: NO SCALE SHEET OF SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT	



TYPICAL SECTION AT MAILBOX TURNOUT
NOTE: SEE STANDARD 406201 FOR MAILBOX TURNOUT DETAILS

NOTES

LENGTH = 10' UNLESS OTHERWISE NOTED ON PLANS

IF THERE IS NOT EXISTING HOT-MIX ASPHALT SHOULDER THEN THE ENTRANCE TAPER STARTS AT THE EDGE OF EXISTING PAVEMENT.

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

SIDE	STATION	TYPE	SURFACE REMOVAL - VARIABLE DEPTH (SPECIAL)		INCIDENTAL HOT-MIX ASPHALT SURFACING	AGGREGATE SURFACE COURSE, TYPE B
			SO	YD		
LT	1492+50	PE	30.6	3.4		
LT	1493+99	FE				1.5
LT	1494+11	MBT2				1.0
LT	1497+17					
RT	1493+99	PE	31.1	3.5		
LT	1502+87	FE				1.5
LT	1505+02	PRA	63.9	7.2		
RT	1505+02	PRA	60.6	6.8		
LT	1507+52	FE	41.1	4.6		
RT	1512+42	FE				3.2
RT	1520+95	FE				1.5
LT	1523+60	FE				1.5
RT	1525+00	FE				1.5
LT	1532+25	FE				1.5
RT	1541+18	FE				1.5
LT	1558+85	PRA	60.6	6.8		
RT	1558+85	PRA	63.9	7.2		
RT	1565+37	FE				1.5
RT	1573+00	FE				1.5
LT	1582+37	FE				1.5

SIDE	STATION	TYPE	SURFACE REMOVAL - VARIABLE DEPTH (SPECIAL)		INCIDENTAL HOT-MIX ASPHALT SURFACING	AGGREGATE SURFACE COURSE, TYPE B
			SO	YD		
RT	1582+37	FE	31.1	3.5		
LT	1585+35	FE				1.5
RT	1585+35	FE				1.5
RT	1586+00	FE				1.5
RT	1586+72	PE	31.7	3.5		
RT	1586+90	MBT2				1.0
LT	1588+03	FE				1.5
RT	1588+14	PE	31.7	3.5		
RT	1588+30	MBT2				1.0
RT	1590+87	FE				1.5
LT	1592+92	FE				1.5
RT	1592+92	FE				1.5
LT	1598+58	PE	33.3	3.7		
RT	1599+95	FE				1.5
LT	1600+51	CE	81.7	9.1		
RT	1600+74	MBT2				1.0
RT	1600+95	PE	30.6	3.4		
RT	1602+73	MBT2				0.7
LT	1603+08	CE	81.7	9.1		
RT	1603+08	PE	67.8	7.6		

SIDE	STATION	TYPE	SURFACE REMOVAL - VARIABLE DEPTH (SPECIAL)		INCIDENTAL HOT-MIX ASPHALT SURFACING	AGGREGATE SURFACE COURSE, TYPE B
			SO	YD		
LT	1608+34	PE	33.3	3.7		
LT	1608+65	MBT2				1.0
LT	1608+67					
LT	1608+98	PE	33.3	3.7		
RT	1609+18	PE	31.1	3.5		
RT	1609+37	MBT2				1.0
LT	1610+00	FE				1.5
RT	1610+82	PE	32.2	3.6		
LT	1611+70	PE	31.7	3.5		
RT	1612+00	PE	32.8	3.7		
RT	1612+19	MBT2				1.0
LT	1612+48	PRA	61.7	6.9		
LT	1613+70	PE	33.3	3.7		
LT	1618+71	PE	40.0	4.5		
LT	1618+98	MBT2				1.0
LT	1619+00					
RT	1619+03	FE				1.5
LT	1619+25	PE	33.9	3.8		
RT	1620+32	FE				1.5
LT	1626+02	PE	34.4	3.9		

SIDE	STATION	TYPE	SURFACE REMOVAL - VARIABLE DEPTH (SPECIAL)		INCIDENTAL HOT-MIX ASPHALT SURFACING	AGGREGATE SURFACE COURSE, TYPE B
			SO	YD		
RT	1626+04	PRA	61.1	6.8		
LT	1626+84	CE	83.9	9.4		
LT	1627+80	CE	83.9	9.4		
RT	1628+50	CE	40.6	4.5		
RT	1628+95	CE	40.6	4.5		
LT	1631+78	FE				1.5
LT	1634+75	MBT2				1.0
LT	1634+77					
LT	1635+05	PE	30.0	3.4		
RT	1635+59	PE	31.1	3.5		
LT	1639+15	PRA	43.9	4.9		
LT	1640+59	FE				1.4
LT	1644+27	MBT2				1.0
LT	1644+48	PE	29.4	3.3		
LT	1650+50	FE				1.5
LT	1653+00	FE				1.5
RT	1655+28	FE				1.5

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RURAL ENTRANCE SCHEDULE AND MAILBOX TURNOUT DETAILS
WITH SHOULDERS**

SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

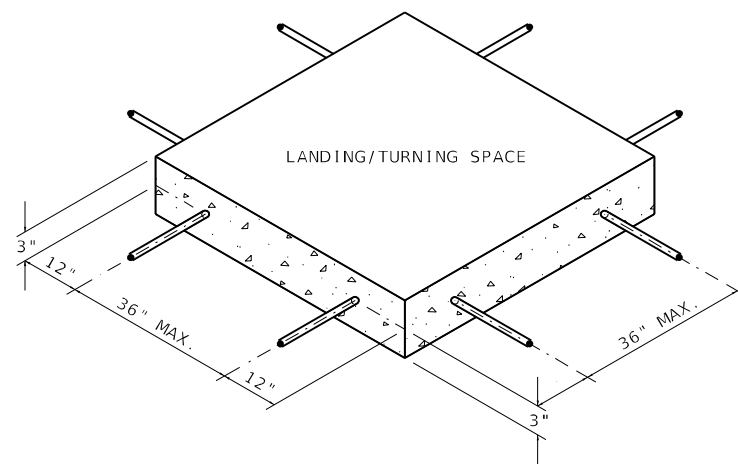
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	66
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				

USER NAME = jessica.wille	DESIGNED - 08-03-99	REVISED - 03-13-07
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/25/2023	DATE -	REVISED -

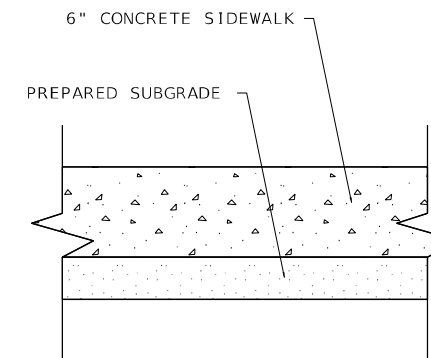
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ADA DETAILS

NOTE: TIE BARS SHALL BE OMITTED BETWEEN PROPOSED LANDING/TURNING SPACES AND PROPOSED TRANSITIONAL SEGMENTS. (SEE SPECIAL PROVISION)



SIDEWALK REINFORCEMENT



TYPICAL SIDEWALK SECTION
WITHIN INTERSECTION CORNER

MODEL: Default
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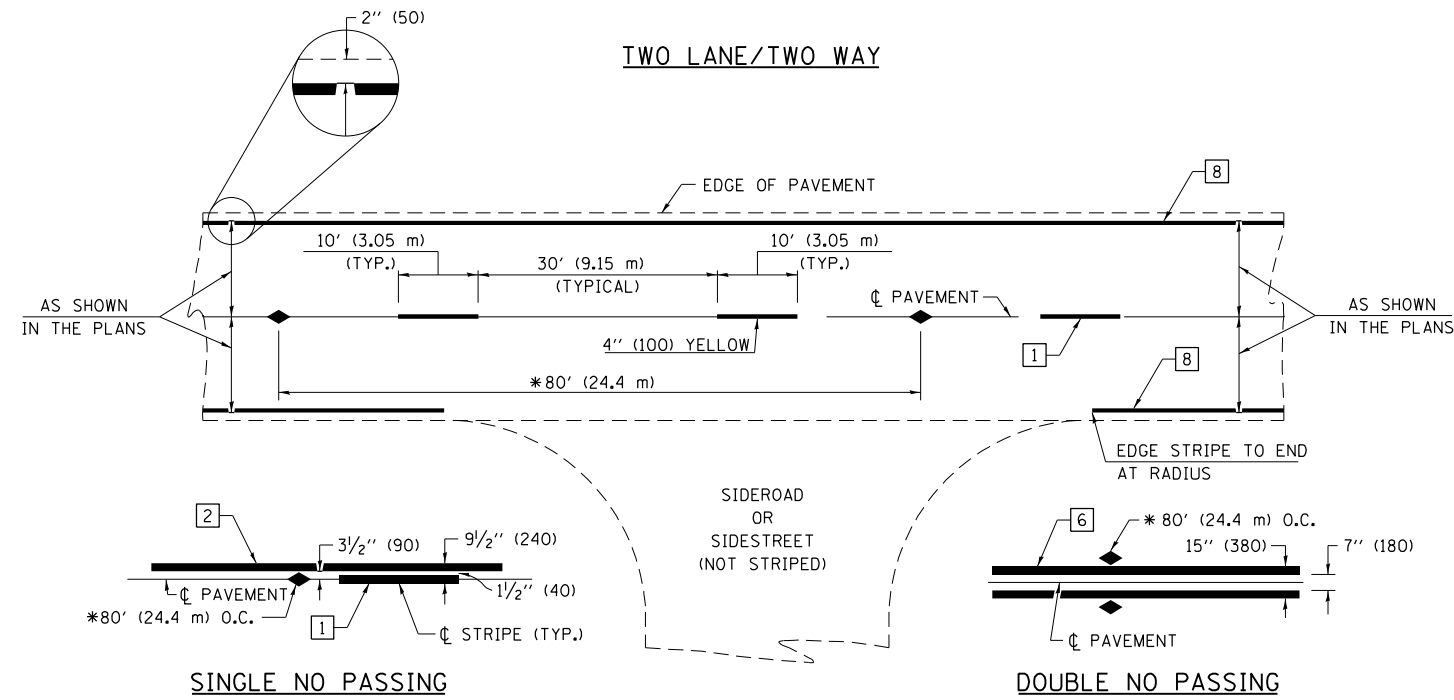
USER NAME = jessica.hille	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/25/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA CONSTRUCTION DETAILS

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	67
CONTRACT NO. 74761				
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.

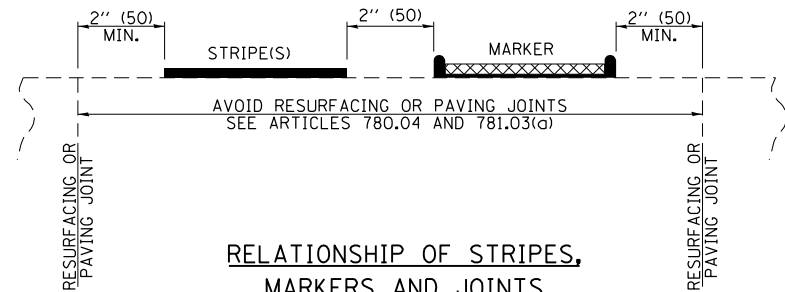
PAVEMENT MARKING LEGEND

- 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 4" (100) DOUBLE YELLOW (WIDE)
- 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

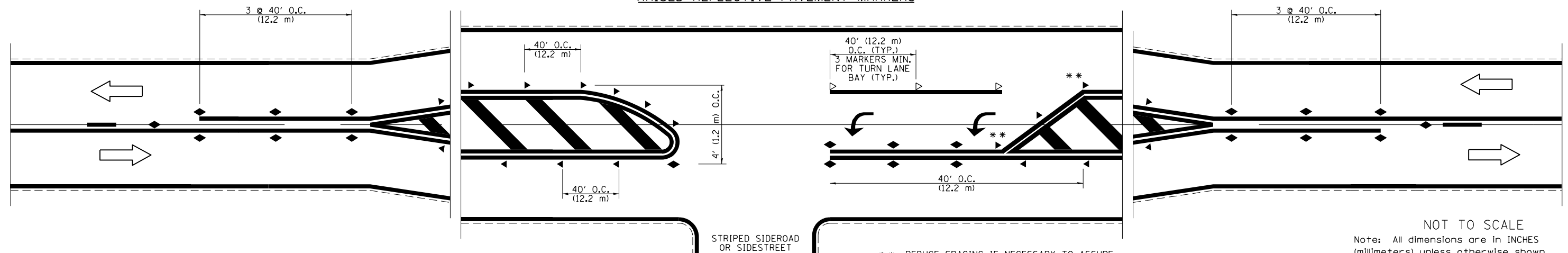
TYPICAL PAVEMENT MARKERS LEGEND

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

RELATIONSHIP OF STRIPES, MARKERS AND JOINTS



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.

DISTRICT 7 DETAIL NO. 78000001

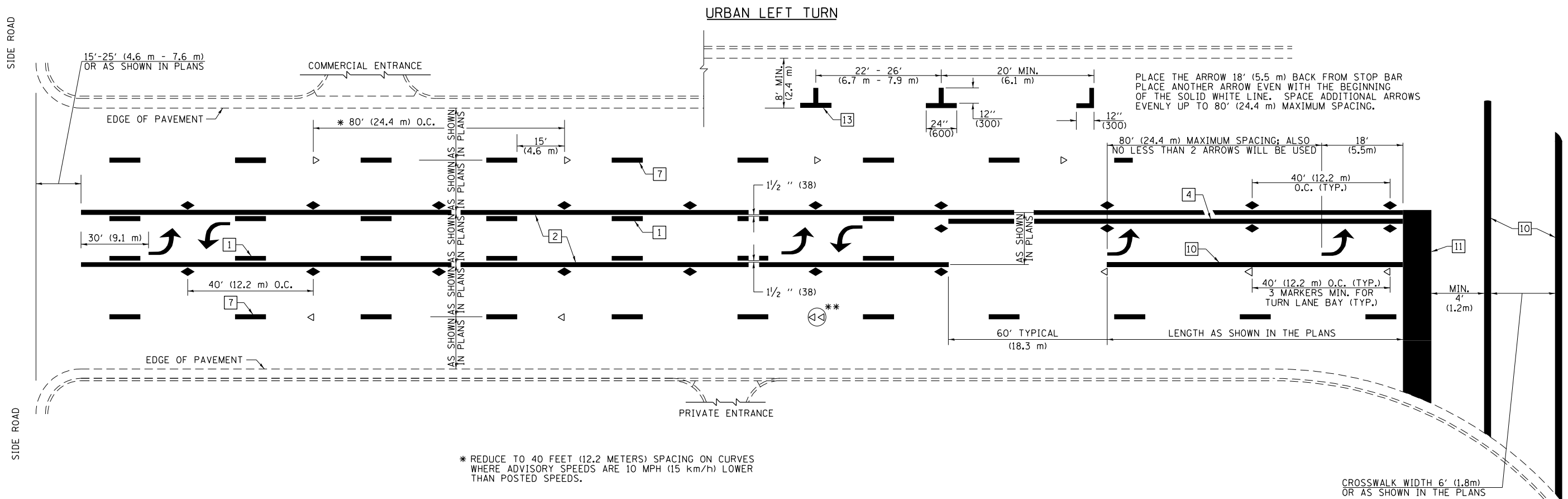
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PLOT DATE = 10/25/2023			

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	68
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				



PLACE THE 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.

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

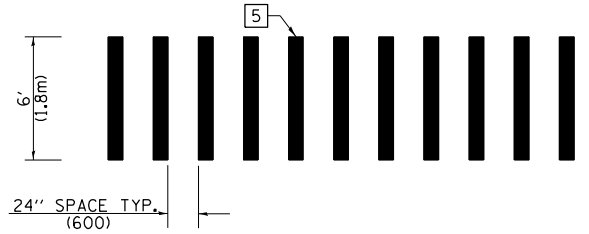
** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED
 AND SPACED AS SHOWN IN HIGHWAY STANDARD
 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED
 HIGHWAYS.

PAVEMENT MARKING LEGEND

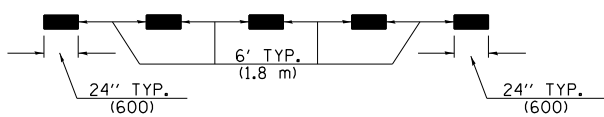
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 4" (100) DOUBLE YELLOW (WIDE)
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)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

GENERAL NOTES

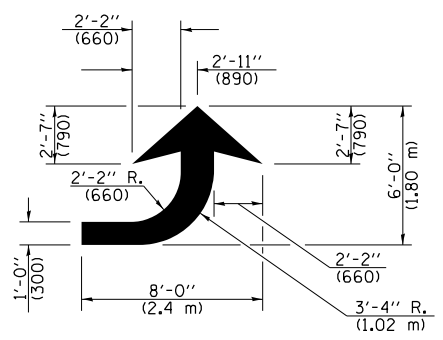
1. TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE. USE A MINIMUM OF TWO PAIRS PER BLOCK.
2. THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT 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 SECTION 780 FOR SYMBOLS TABLE)
5. LANE LINE EXTENSIONS SHALL BE THE SAME COLOR AND WIDTH AS THE LANE LINE BEING EXTENDED.
6. ALL WHITE SKIP-DASH LINES SHALL BE 6" IN WIDTH.



**CROSSWALK DETAIL
 (DECATUR CITY LIMITS ONLY)**

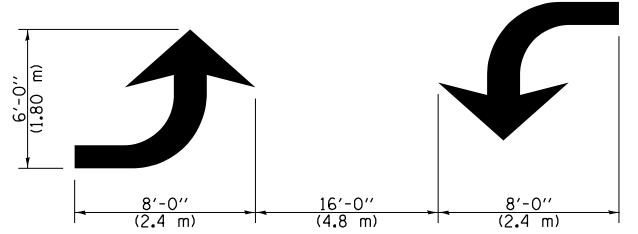


LANE LINE EXTENSIONS



LEFT ARROW

REVERSE FOR RIGHT ARROW
 AREA = 15.6 SQ. FT. (1.47 m²)
 (WHITE)



**TYPICAL DOUBLE
 TURN ARROWS (WHITE)**

NOT TO SCALE

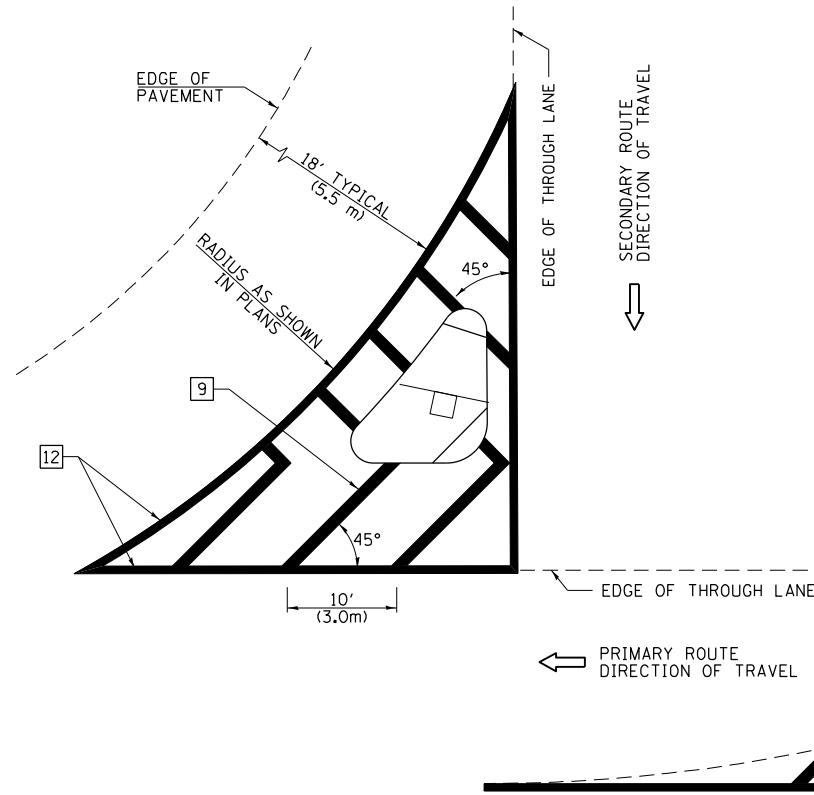
Note: All dimensions are in INCHES
 (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. 78000001

FILE NAME =	USER NAME = jessica.hille	DESIGNED -	REVISED - NAS 06/22	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL & URBAN APPLICATIONS)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\idot-pw\bentley.com\PIWIDOT\Documents\IDOT Offices\District 7\Projects\74761\CADD\Drawings\74761-sht-details.dgn	DRWN	CHECKED -	REVISED -			328	(5,6)RS-1	CLAY	72	69	
PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -	REVISED -			CONTRACT NO. 74761					
PLOT DATE = 10/25/2023	DATE -	REVISED -	REVISED -			ILLINOIS FED. AID PROJECT					

ISLANDS

OPTION 1

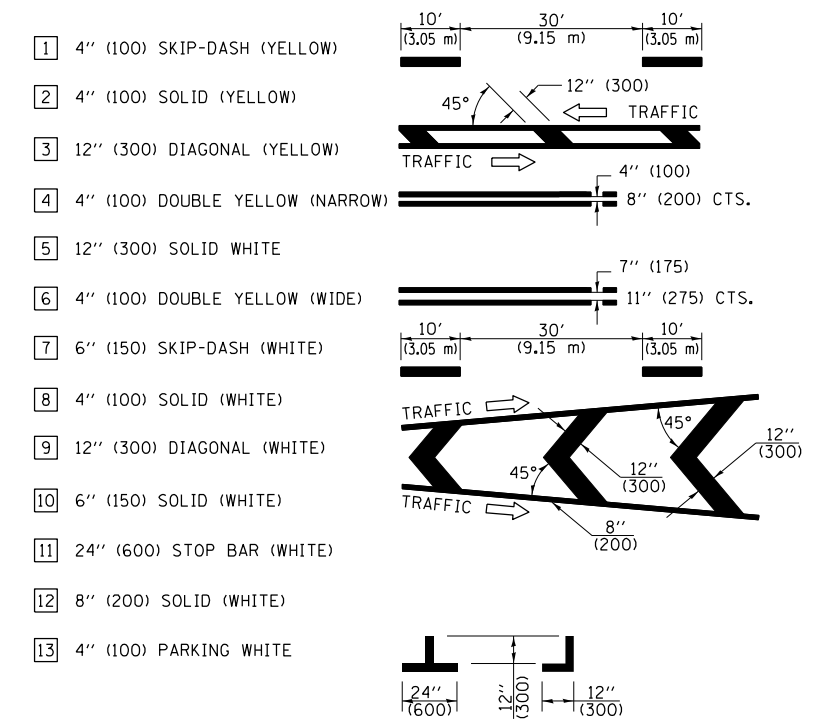


GENERAL NOTES

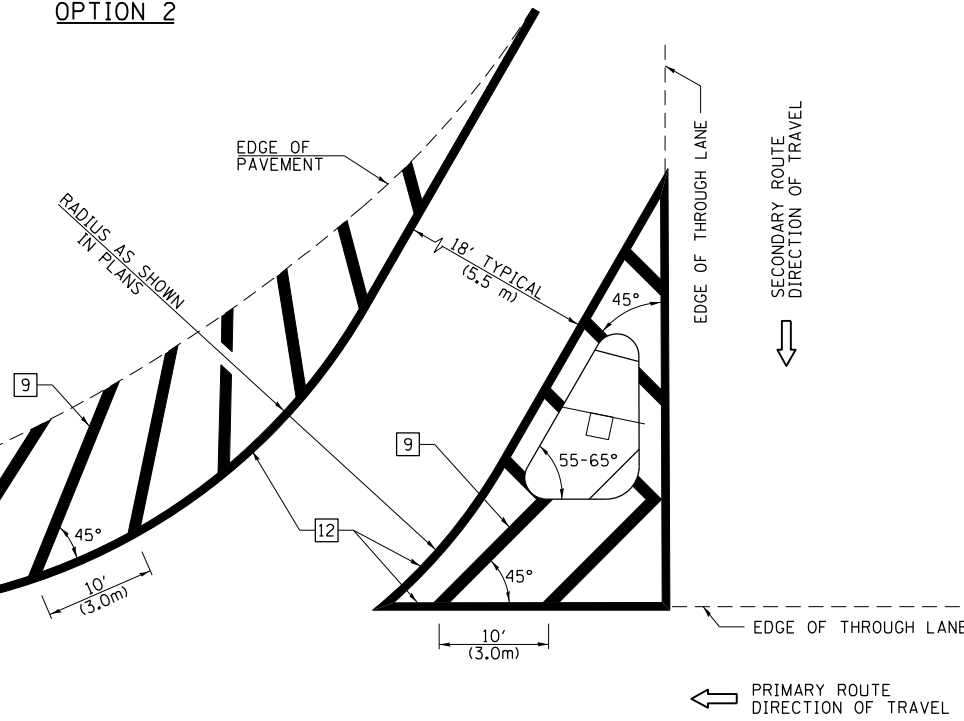
1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH [2].
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED 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)
6. THE USE OF ISLAND STRIPING OPTION 1 OR OPTION 2 SHALL BE AS SHOWN ON THE PLANS.

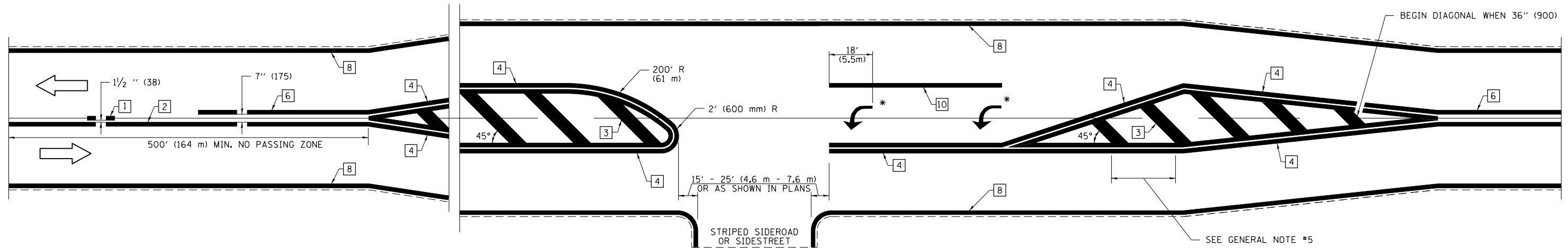
PAVEMENT MARKING LEGEND



OPTION 2



RURAL LEFT TURN STRIPING



* PLACE AN ARROW 18' (5.5 m) BACK FROM END OF THE SOLID WHITE LINE. 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 = jessica.hille	DESIGNED -	REVISED - NAS 06/22
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PLOT DATE = 10/25/2023	DATE -	REVISOR -	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

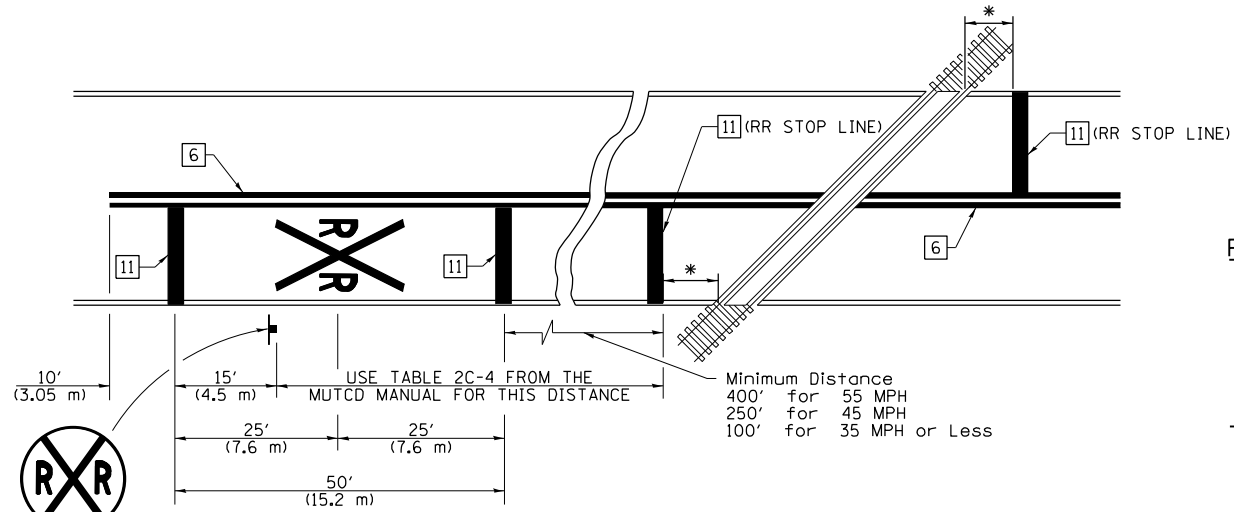
SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	70
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				

SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

PAVEMENT MARKING LEGEND

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING



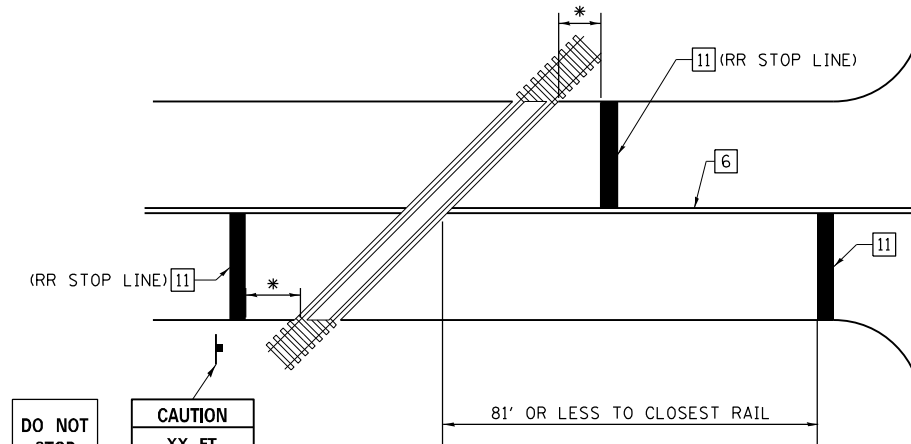
NOTES

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

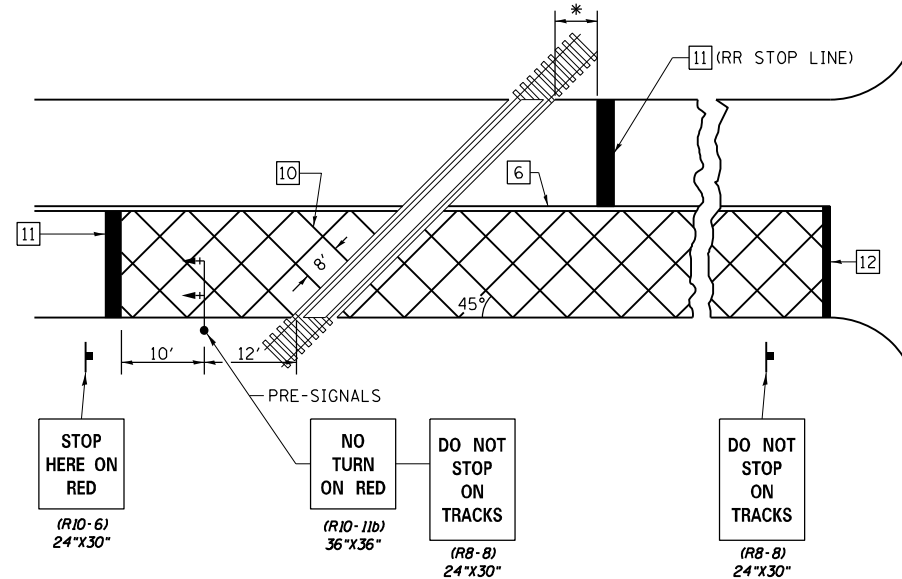
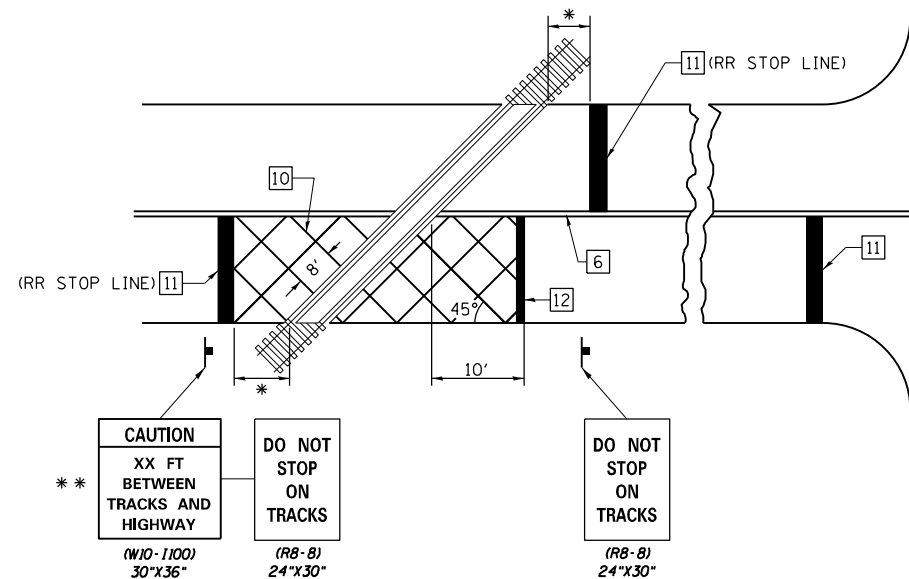
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RRR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

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.

RAILROAD CROSSING WITH NON-SIGNALIZED INTERSECTION



RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



- 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 4" (100) DOUBLE YELLOW (WIDE)
- 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. SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
2. EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE PRE-SIGNALS ARE USED.
3. WHEN PEDESTRIAN SIGNALS ARE PRESENT WITH INTERCONNECTED SIGNALS, WARNING SIGN W10-1101 (18"X24") SHALL BE PLACED NEAR EACH PEDESTRIAN SIGNAL HEAD. COUNTDOWN PEDESTRIAN SIGNAL HEADS SHALL NOT BE UTILIZED ALONG WITH INTERCONNECTED SIGNALS.
4. PLEASE REFER TO THE IDOT BUREAU OF OPERATION MEMO OPS T-06 DATED DECEMBER 1, 2020 FOR ADDITIONAL INFORMATION

CAUTION
WALK TIME SHORTENED WHEN TRAIN APPROACHES
(W10-1101) 18"X24"

- * 15' FROM NEAR RAIL OR 8' FROM AND PARALLEL TO GATE IF PRESENT
- ** WARNING SIGN W10-1100 SHALL BE USED AS AN INTERIM MEASURE AT INTERCONNECTED SIGNAL LOCATIONS WHERE PRE-SIGNALS ARE TO BE INSTALLED IN THE FUTURE. THIS SIGN SHALL BE REMOVED WHEN THE PRE-SIGNALS ARE INSTALLED AND THE PAVEMENT MARKINGS ARE EXTENDED TO THE INTERSECTION.

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

DISTRICT 7 DETAIL NO. 7800001

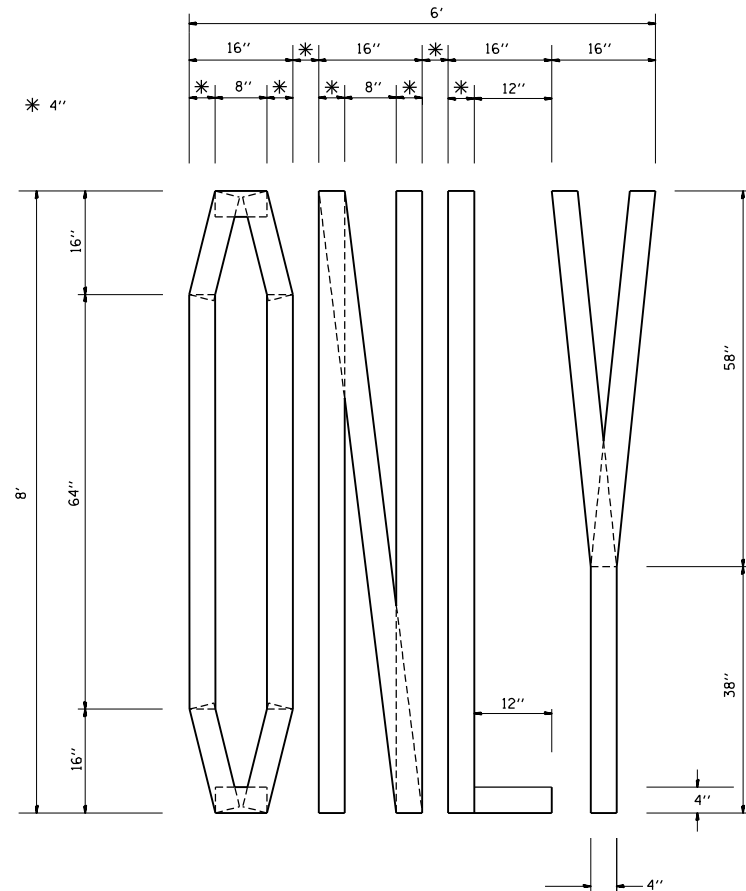
FILE NAME =	USER NAME = jessica.hille	DESIGNED -	REVISED - NAS 06/22
pw:\idot-pw\bentley.com\PIWIDOT\Documents\IDOT Offices\District 7\Projects\7476\CAD\Drawings\74761-sht-details.dgn		CHECKED -	REVISED -
PLOT SCALE = 100.0001' / in.		DATE -	REVISED -
PLOT DATE = 10/25/2023			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

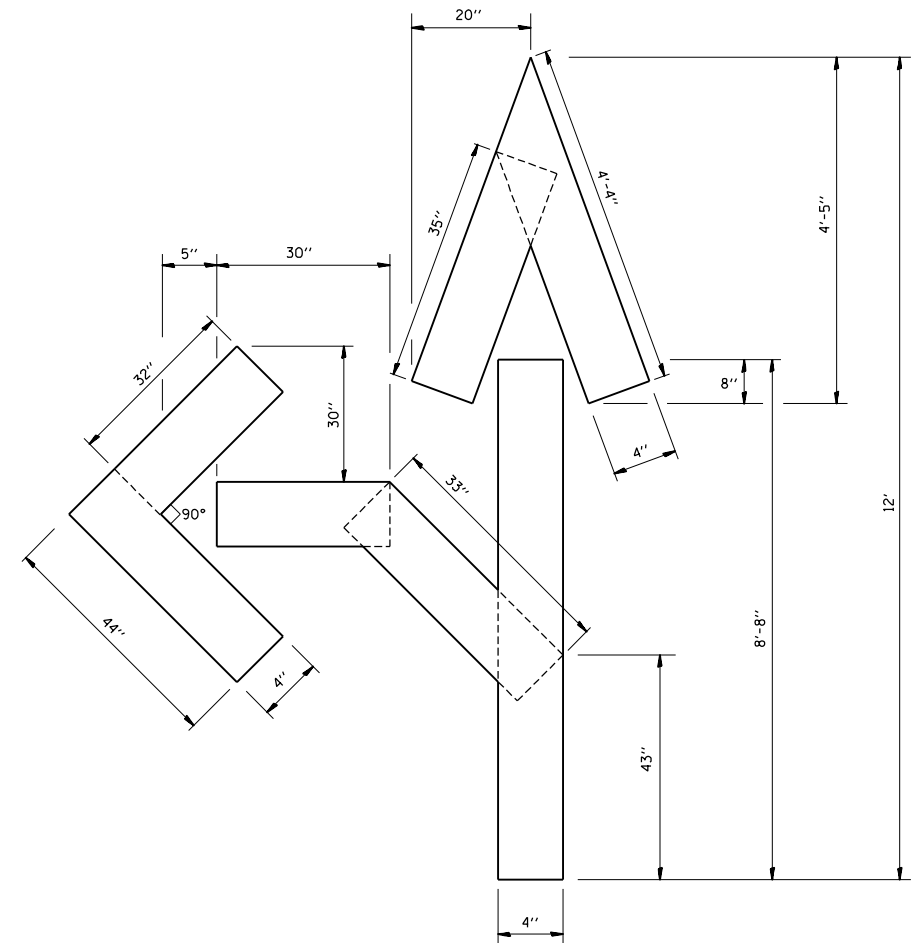
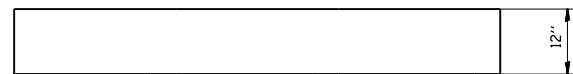
SCALE: SHEET NO. 4 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	71
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				

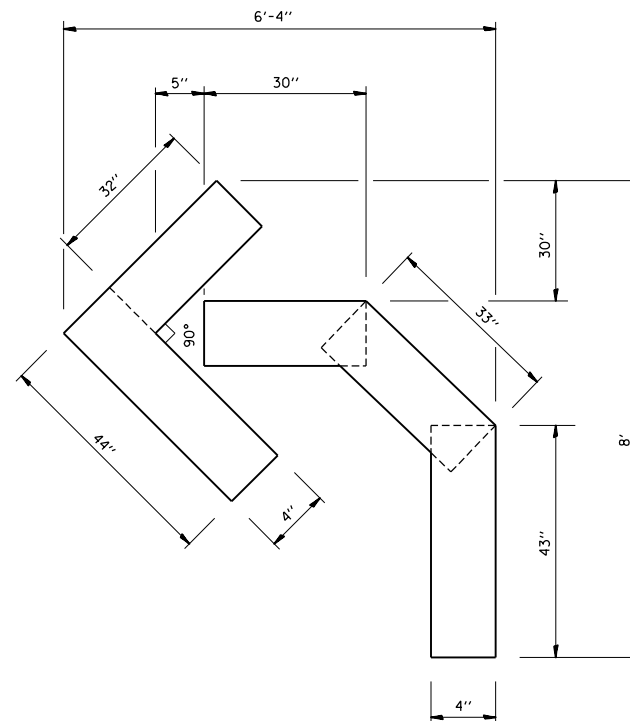


QUANTITY
4" LINE = 63.2 ft.
21.0 sq. ft.

SHORT TERM STOP BAR



QUANTITY
4" LINE = 27.5 ft.
9.2 sq. ft.



QUANTITY
4" LINE = 15.2 ft.
5.0 sq. ft.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING LETTERS AND SYMBOLS
FOR TRAFFIC STAGING

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(5,6)RS-1	CLAY	72	72
CONTRACT NO. 74761				
ILLINOIS FED. AID PROJECT				