

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

F.A.S. ROUTE 2704 (OLD U.S. 50)
SECTION (11,12)RS-2
PROJECT STP-2704(300)
HMA RESURFACING (3P)
CLAY COUNTY

C-97-036-11

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2704	(11,12)RS-2	CLAY	34	1
ILLINOIS			CONTRACT NO.	74513

D-97-013-11



FOR INDEX OF SHEETS, SEE SHEET NO. 2

STATION EQUATIONS:

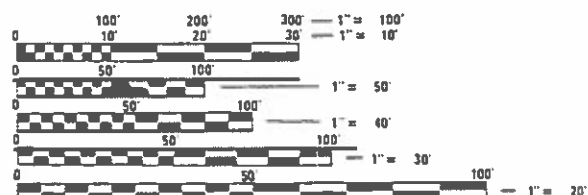
- STA 48+66.80 BK = STA 48+77.90 AH
- STA 82+44.30 BK = STA 82+44.60 AH
- STA 93+66.50 BK = STA 93+71.70 AH
- STA 102+40.30 BK = STA 102+48.30 AH
- STA 110+16.30 BK = STA 110+17.00 AH
- STA 124+88.60 BK = STA 124+90.27 AH
- STA 140+76.80 BK = STA 140+87.40 AH
- STA 236+27.70 BK = STA 236+32.50 AH
- STA 288+62.50 BK = STA 288+65.80 AH
- STA 335+98.70 BK = STA 336+01.30 AH
- STA 352+30.20 BK = STA 352+32.00 AH
- STA 366+70.50 BK = STA 366+75.70 AH
- STA 424+00 BK = STA 61+50 AH

*NOTE: NOT AN OFFICIAL SURVEYED STATION EQUATION.

STRUCTURE OMISSIONS:

- STR 013-0038 STA 85+03 TO STA 86+41
- STR 013-0037 STA 127+81 TO STA 129+32
- STR 013-2012 STA 407+63 TO STA 408+33

2016 AADT = 1400



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

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

PROJECT ENGINEER: DEBRA BARRETT
PROJECT MANAGER: BRIAN BIERMAN
PHONE: (217)-342-8341
CONTRACT NO. 74513



PROJECT ENDS
STA 50+75

PROJECT BEGINS
STA 38+86

GROSS LENGTH = 39,544 FT. = 7.49 MILES
NET LENGTH = 39,175 FT. = 7.42 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED December 10, 2019
Jeffrey P. Meyer
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Jan 31, 2020
E.A. Elk
ENGINEER OF DESIGN AND ENVIRONMENT

Jan 31, 2020
Charmel Ann
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GENERAL NOTES

AGGREGATE WEDGE SHOULDER, TYPE B SHALL BE CRUSHED STONE, CRUSHED CONCRETE OR RAP.

AGGREGATE SURFACE COURSE, TYPE B SHALL BE CRUSHED STONE OR CRUSHED CONCRETE.

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, HOT-MIX ASPHALT BINDER AND SURFACE COURSES AS SPECIFIED IN SECTION 703 OF THE STANDARD SPECIFICATIONS. TEMPORARY TAPE SHALL BE USED ON THE SURFACE COURSE, AND PAINT SHALL BE USED ON THE MILLED SURFACE, AND BINDER COURSE.

THE TOTAL QUANTITY OF PAINT PAVEMENT MARKING - LINE 4" CONSISTS OF 77,961 FEET OF WHITE AND 34,781 FEET OF YELLOW.

ALL THERMOPLASTIC PAVEMENT MARKING SHALL BE WHITE AND GROOVED IN.

ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE TWO-WAY AMBER MARKERS.

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

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

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE: HMA SURFACE COURSE, 2"
 APPLICATION: HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70
 PG GRADE: PG 64-22
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70
 MIXTURE COMPOSITION: IL-9.5
 FRICTION AGGREGATE: MIXTURE C
 QUALITY MANAGEMENT: PFP

MIXTURE USE: HMA BINDER COURSE, 1 3/4"
 APPLICATION: HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70
 PG GRADE: PG 64-22
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70
 MIXTURE COMPOSITION: IL-9.5FG
 FRICTION AGGREGATE: N/A
 QUALITY MANAGEMENT: PFP

MIXTURE USE: INCIDENTAL HMA SURFACING (DRIVEWAYS/SIDEROADS)
 APPLICATION: HOT-MIX ASPHALT SURFACE COURSE, MIX "C", IL-9.5, N70
 PG GRADE: PG 64-22
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70
 MIXTURE COMPOSITION: IL-9.5
 FRICTION AGGREGATE: MIXTURE C
 QUALITY MANAGEMENT: QC/OA

MIXTURE USE: CLASS D PATCHING
 APPLICATION: HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
 PG GRADE: PG 64-22
 DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70
 MIXTURE COMPOSITION: IL-19.0
 FRICTION AGGREGATE: N/A
 QUALITY MANAGEMENT: QC/OA

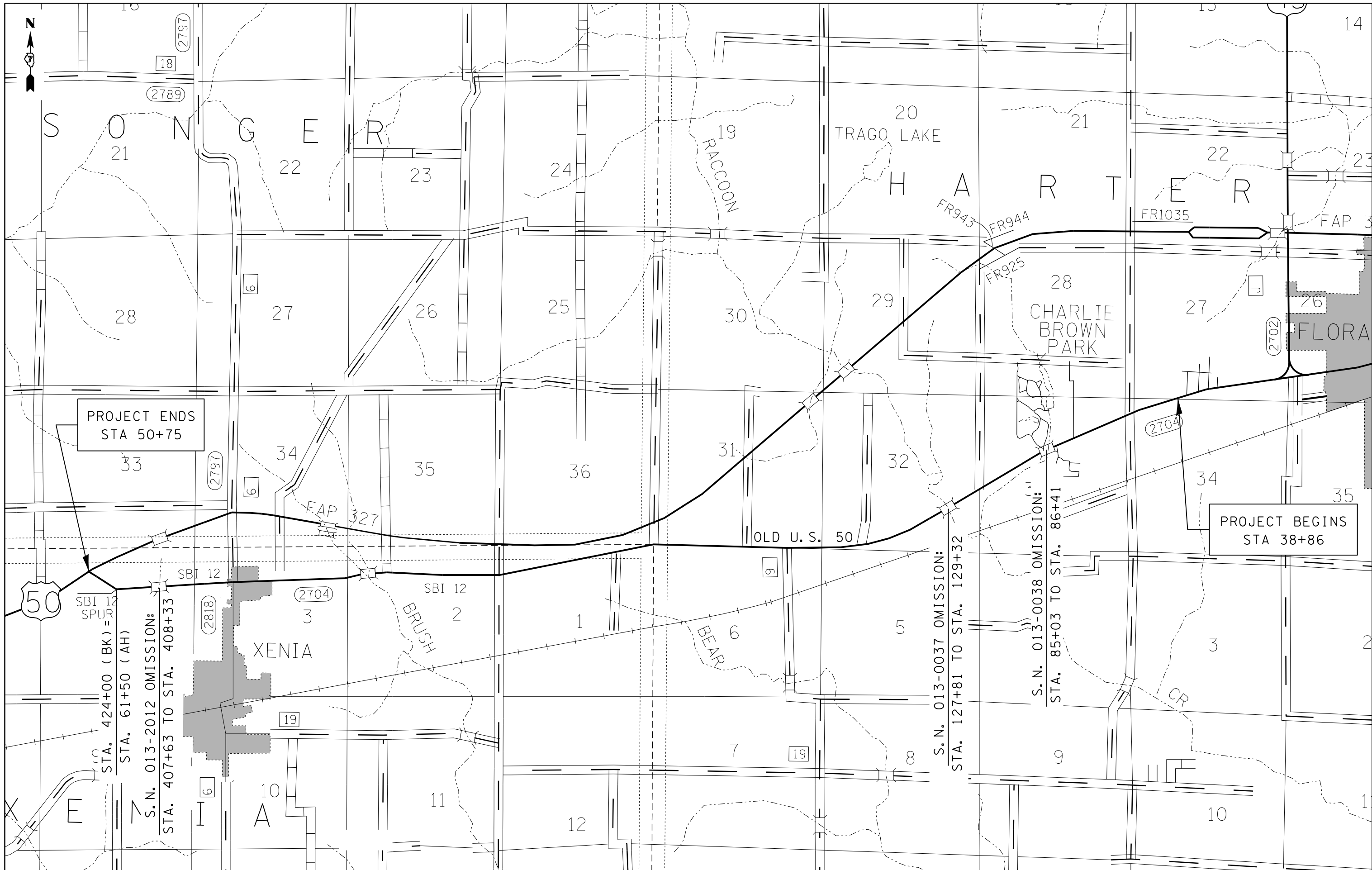
INDEX OF SHEETS

SHEET NO.	TITLE
1	COVER SHEET
2	INDEX OF SHEETS AND GENERAL NOTES
3	LOCATION MAP
4-5	SUMMARY OF QUANTITIES
6-11	TYPICAL SECTIONS
12-24	SCHEDULES OF QUANTITIES
25-28	SURVEY TIES
29	ENTRANCE DETAILS
30	MILLING DETAILS AND CURVE DATA
31-34	PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKER APPLICATIONS

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO. 34:

000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
406201-01	MAILBOX TURNOUT
442201-03	CLASS C AND D PATCHES
667101-02	PERMANENT SURVEY MARKERS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY FOR SPEEDS >= 45MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS, DAY ONLY, FOR SPEEDS >= 45MPH
701311-03	LANE CLOSURE, 2L, 2W MOVING OPERATIONS - DAY ONLY
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS & GENERAL NOTES	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLLOT DATE = 12/6/2019	DATE -	REVISED -			CONTRACT NO. 74513			ILLINOIS FED. AID PROJECT		
						SCALE: NA	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.		



PROJECT ENDS
STA 50+75

PROJECT BEGINS
STA 38+86

SBI 12
SPUR
STA. 424+00 (BK) =
STA. 61+50 (AH)
S.N. 013-2012 OMISSION:
STA. 407+63 TO STA. 408+33

S.N. 013-0037 OMISSION:
STA. 127+81 TO STA. 129+32

S.N. 013-0038 OMISSION:
STA. 85+03 TO STA. 86+41

FILE NAME =	USER NAME = steffennk	DESIGNED -	REVISED -
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		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION MAP

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2704	(11.12)RS-2	CLAY	34	3
CONTRACT NO. 74513				
ILLINOIS FED. AID PROJECT				

80% FED
20% STATE

80% FED
20% STATE

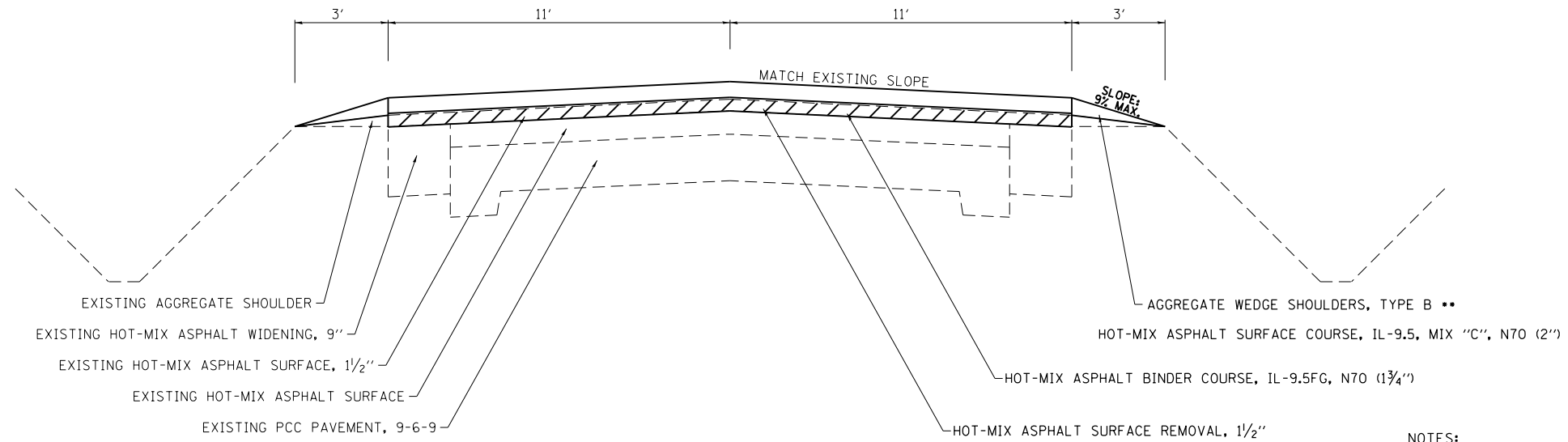
SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005		
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	374	374		
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	66568	66568		
40600990	TEMPORARY RAMP	SQ YD	165	165		
40602970	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	TON	9669	9669		
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	11047	11047		
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	211	211		
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	94093	94093		
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	4525	4525		
44201785	CLASS D PATCHES, TYPE I, 12 INCH	SQ YD	343	343		
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	750	750		
44201794	CLASS D PATCHES, TYPE III, 12 INCH	SQ YD	568	568		
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	692	692		
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	2539	2539		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005		
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	20	20		
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	4	4		
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	4	4		
67100100	MOBILIZATION	L SUM	1	1		
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1		
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1		
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	42	42		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	11861	11861		
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1319	1319		
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	112742	112742		
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	58	58		
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	160	160		
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	106	106		

* SPECIALTY ITEM

TYPICAL SECTION

STA 38+86 TO STA 139+95
 STA 148+99 TO STA 333+85
 STA 339+10 TO STA 379+77

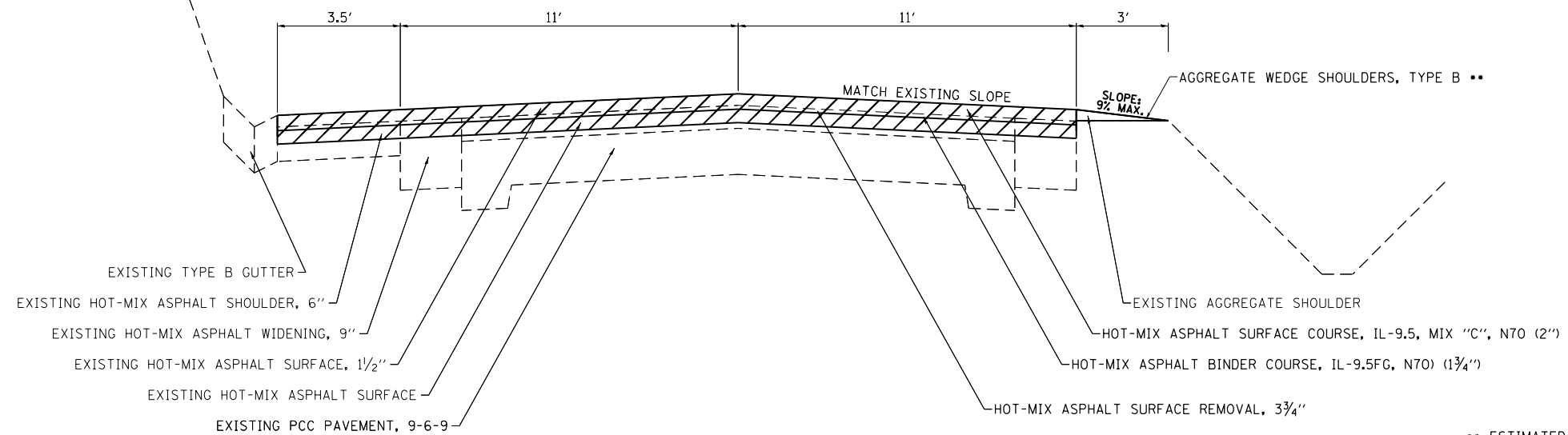


- NOTES:
1. SEE SHEET #30 FOR EXISTING HORIZONTAL CURVE DATA.
 2. THE CROSS-SLOPE OF THE PROPOSED SURFACE ON HORIZONTAL CURVES SHALL MATCH THE EXISTING SUPERELEVATION RATE.
 3. DRAINAGE OUTLETS SHALL BE CONSTRUCTED AFTER MILLING, AS REQUIRED BY THE ENGINEER.

TYPICAL SECTION

STA 139+95 TO STA 140+49

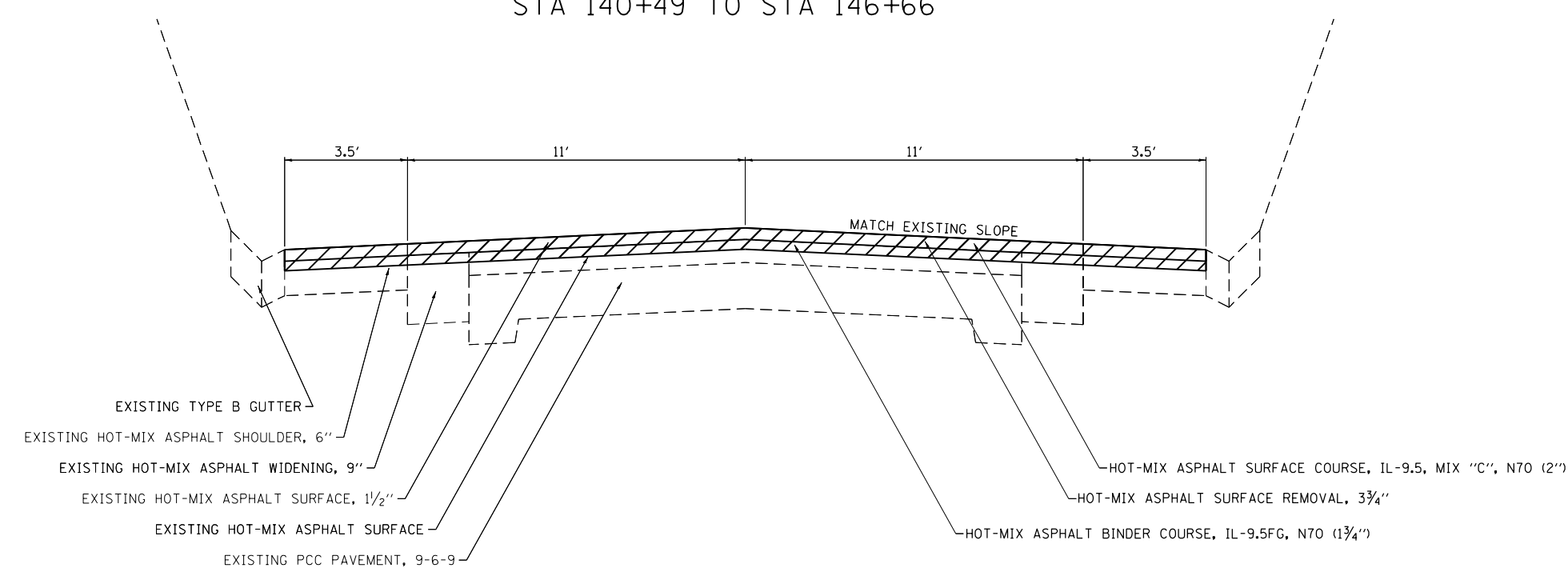
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•• ESTIMATED AMOUNT IN ORDER TO CAP OFF SHOULDERS AFTER MILLING OPERATION.

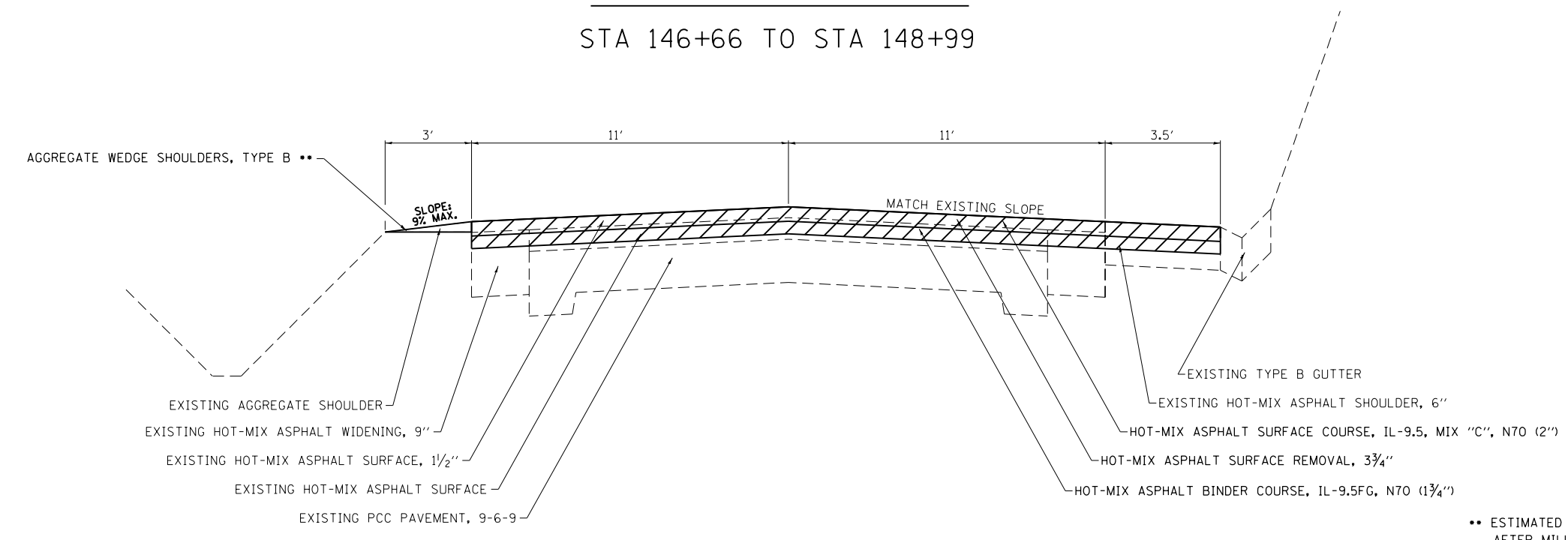
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PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	REVISED -		SCALE: NA			SHEET NO. 1 OF 6 SHEETS		STA.	TO STA.	CONTRACT NO. 74513	
PLOT DATE = 12/6/2019	DATE -	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT								

TYPICAL SECTION
STA 140+49 TO STA 146+66



NOTE: NOT DRAWN TO SCALE

TYPICAL SECTION
STA 146+66 TO STA 148+99

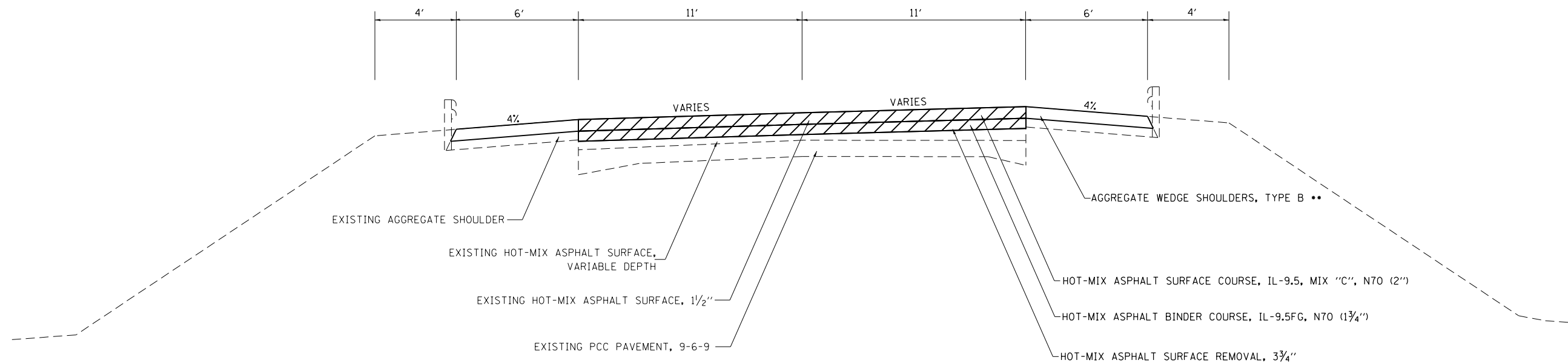


** ESTIMATED AMOUNT IN ORDER TO CAP OFF SHOULDERS AFTER MILLING OPERATION.

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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		CHECKED -	REVISOR -					CONTRACT NO. 74513					
		DATE -	REVISOR -		ILLINOIS FED. AID PROJECT								

TYPICAL SECTION

STA 333+85 TO STA 336+16
STA 336+76 TO STA 339+10

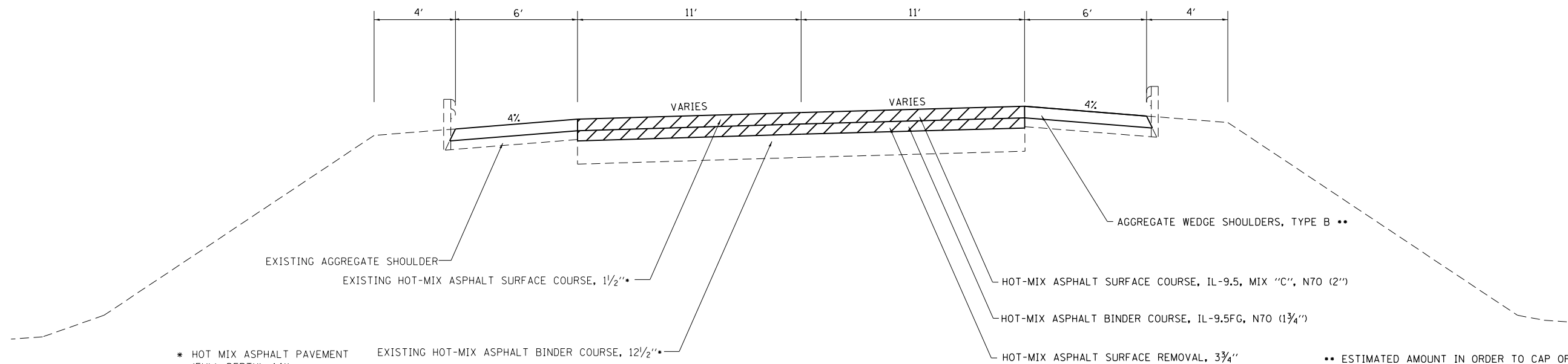


TYPICAL SECTION

STA 336+16 TO STA 336+32.75
STA 336+59.25 TO STA 336+76

•• ESTIMATED AMOUNT IN ORDER TO CAP OFF SHOULDERS

NOTE: NOT DRAWN TO SCALE



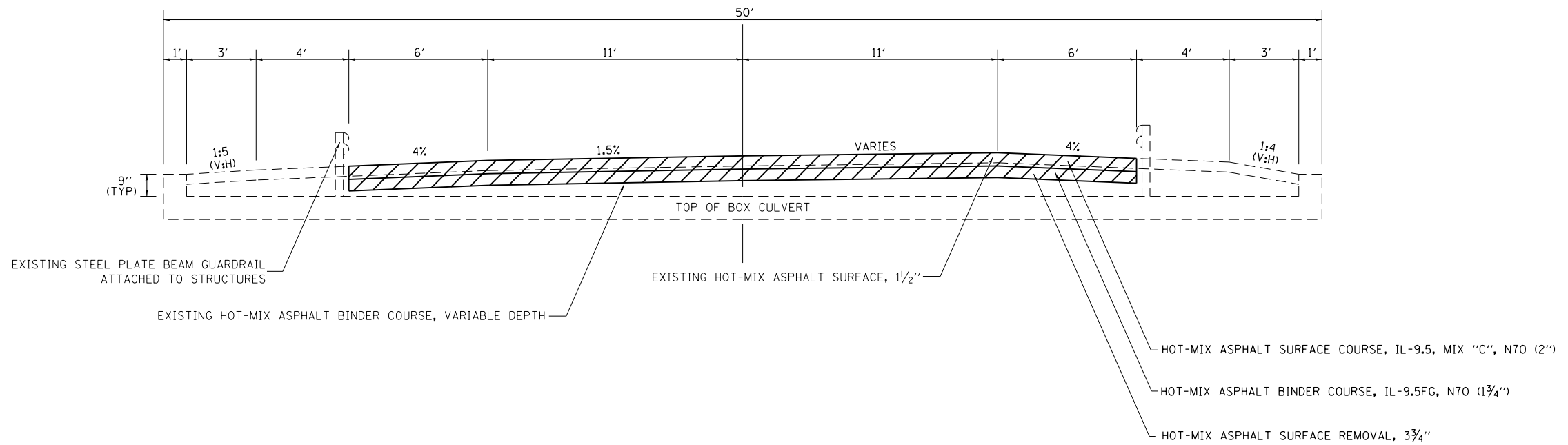
* HOT MIX ASPHALT PAVEMENT (FULL-DEPTH), 14"

•• ESTIMATED AMOUNT IN ORDER TO CAP OFF SHOULDERS AFTER MILLING OPERATION.

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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		PLOT DATE = 12/6/2019	DATE -		REVISED -				ILLINOIS FED. AID PROJECT				

TYPICAL SECTION

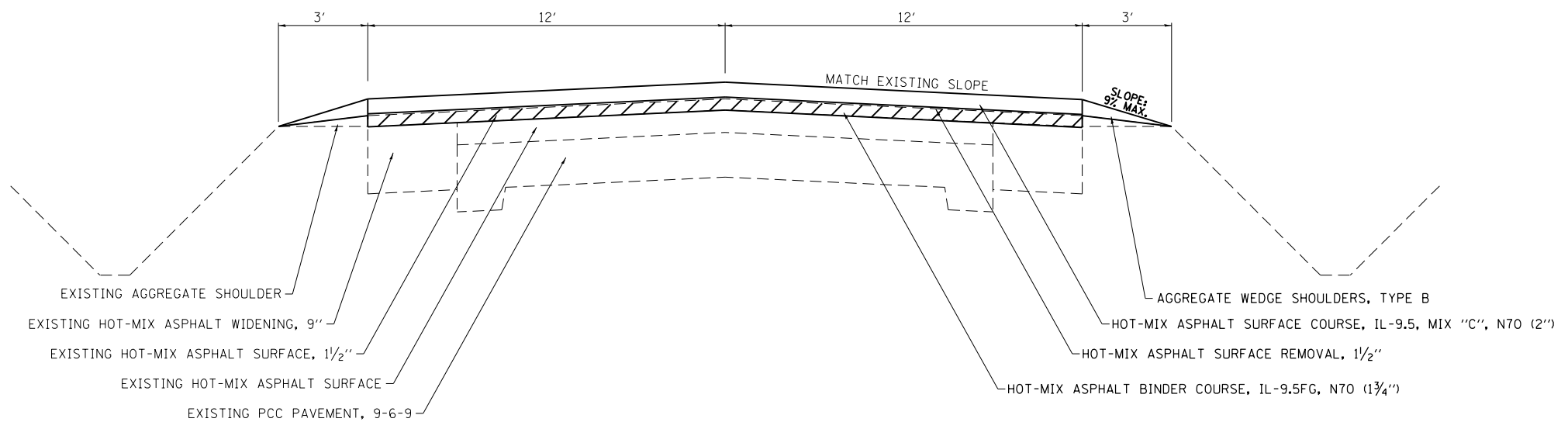
STA 336+32.75 TO STA 336+59.25



TYPICAL SECTION

STA 379+77 TO STA 406+00
STA 410+00 TO STA 424+00
STA 61+50 TO STA 57+57

NOTE: NOT DRAWN TO SCALE

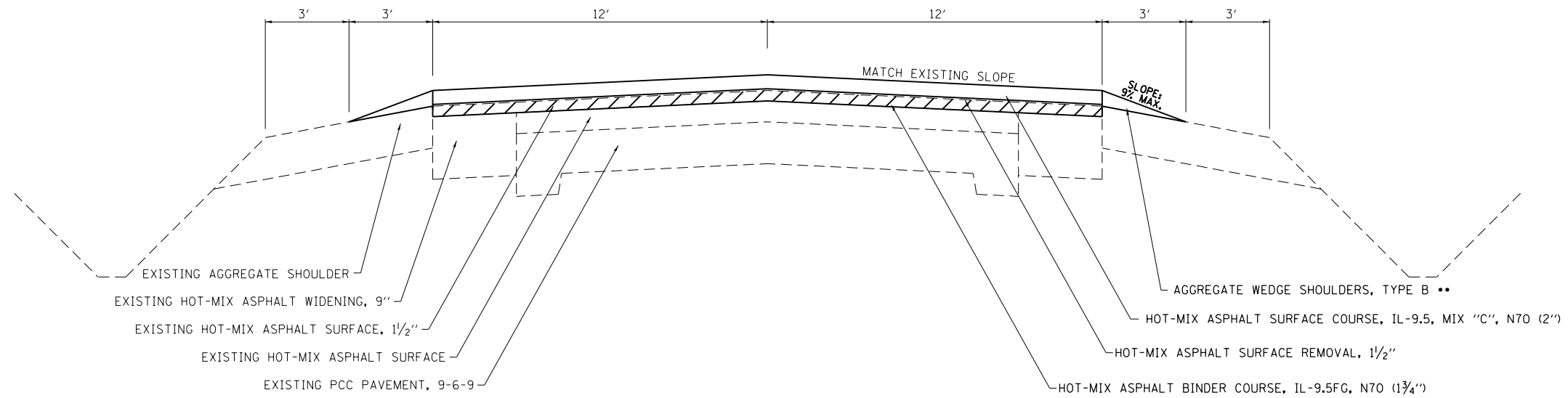


•• ESTIMATED AMOUNT IN ORDER TO CAP OFF SHOULDERS AFTER MILLING OPERATION.

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

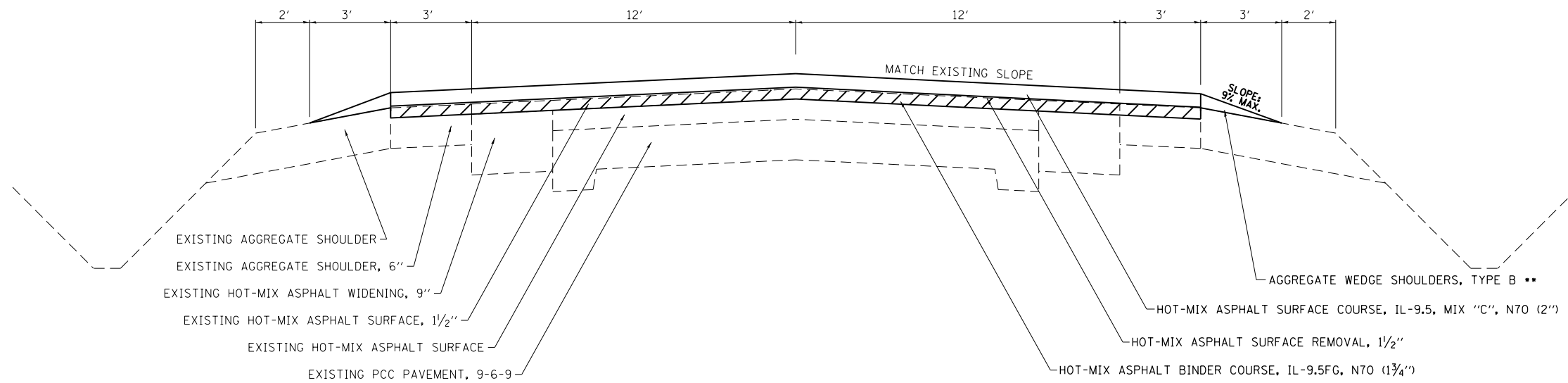
STA 406+00 TO STA 407+63
STA 408+33 TO STA 410+00



NOTE: NOT DRAWN TO SCALE

TYPICAL SECTION

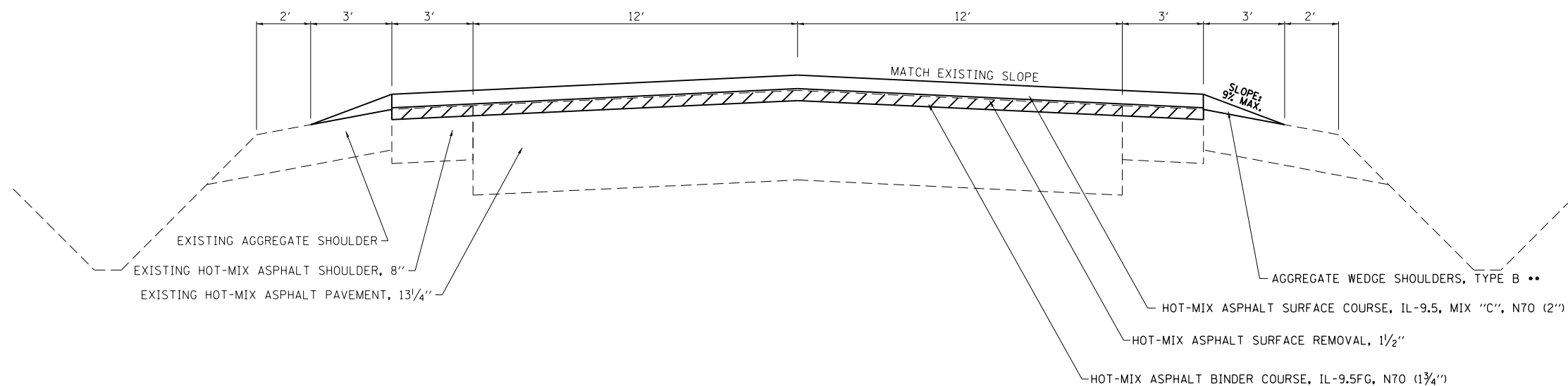
STA 57+57 TO STA 56+50



** ESTIMATED AMOUNT IN ORDER TO CAP OFF SHOULDERS AFTER MILLING OPERATION.

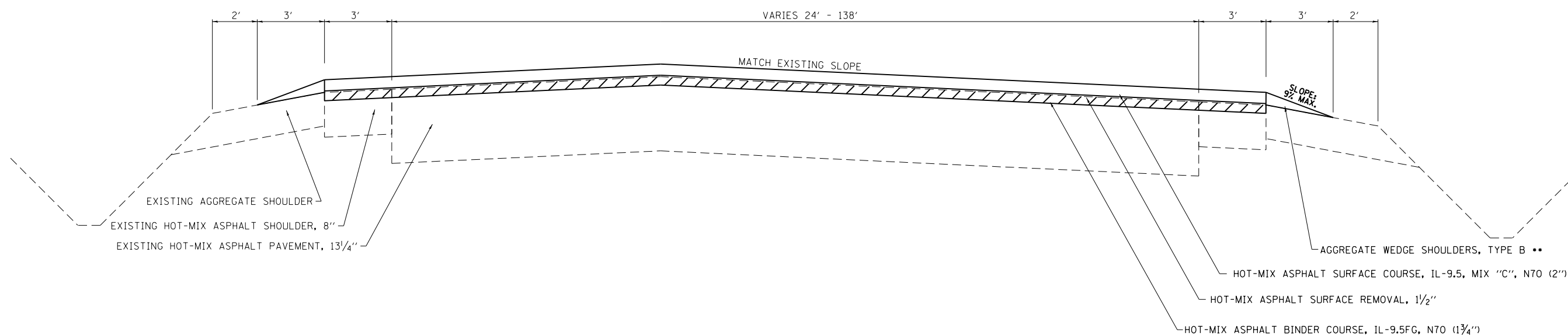
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PLOT DATE = 12/6/2019		DATE -	REVISED -		SCALE: NA	SHEET NO. 5 OF 6 SHEETS	STA.	TO STA.				

TYPICAL SECTION
STA 56+50 TO STA 51+86



TYPICAL SECTION
STA 51+86 TO STA 50+75

NOTE: NOT DRAWN TO SCALE



** ESTIMATED AMOUNT IN ORDER TO CAP OFF SHOULDERS AFTER MILLING OPERATION.

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 12/6/2019		DATE -	REVISED -		SCALE: NA	SHEET NO. 6 OF 6 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

PAVING SCHEDULE

STATION		LENGTH	WIDTH	AREA	BITUMINOUS MATERIALS (TACK COAT)	TEMPORARY RAMP	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	AGGREGATE WEDGE SHOULDER, TYPE B	LONGITUDINAL JOINT SEALANT		
FROM	TO	(FEET)	(FEET)	(SQ YD)	(POUND)	(SQ YD)	(TON)	(TON)	(SQ YD)	(SQ YD)	(TON)	(FEET)		
38+86	48+66.80	981	22	2398	1618	12	235	269	2398		57	981		
48+66.80	48+77.90	STATION EQUATION												
48+77.90	82+44.30	3366	22	8229	5555		806	922	8229		194	3366		
82+44.30	82+44.60	STATION EQUATION												
82+44.60	85+03	258	22	632	426	12	62	71	632		18	258		
85+03	86+41	STRUCTURE OMISSION												
86+41	93+66.50	726	22	1773	1197	12	174	199	1773		46	726		
93+66.50	93+71.70	STATION EQUATION												
93+71.70	102+40.30	869	22	2123	1433		208	238	2123		60	869		
102+40.30	102+48.30	STATION EQUATION												
102+48.30	110+16.30	768	22	1877	1267		184	210	1877		54	768		
110+16.30	110+17	STATION EQUATION												
110+17	124+88.60	1472	22	3597	2428		353	403	3597		97	1472		
124+88.60	124+90.27	STATION EQUATION												
124+90.27	127+81	291	22	711	480	12	70	80	711		21	291		
127+81	129+32	STRUCTURE OMISSION												
129+32	139+50	1018	22	2488	1680	12	244	279	2488		71	1018		
139+50	139+95	45	22	110	74		11	12		110	3	45		
139+95	140+49	54	25.5	153	103		15	17		153	2	54		
140+49	140+76.80	28	29	90	60		9	10		90	0	28		
140+76.80	140+87.40	STATION EQUATION												
140+87.40	146+66	579	29	1864	1258		183	209		1864	0	579		
146+66	148+99	233	25.5	660	446		65	74		660	8	233		
148+99	149+44	45	22	110	74		11	12		110	3	45		
149+44	236+27.70	8684	22	21227	14328		2080	2377	21227		597	8684		
236+27.70	236+32.50	STATION EQUATION												
236+32.50	288+62.50	5230	22	12784	8630		1253	1432	12784		343	5230		
288+62.50	288+65.80	STATION EQUATION												
288+65.80	333+40	4474	22	10937	7382		1072	1225	10937		297	4474		
333+40	333+85	45	22	110	74		11	12		110	3	45		
333+85	335+98.70	214	22	522	353		51	59		522	16	214		
335+98.70	336+01.30	STATION EQUATION												
336+01.30	336+32.75	31	22	77	52		8	9		77	2	31		
336+32.75	336+59.25	27	36	106	72		10	12		106	0	27		
336+59.25	339+10	251	22	613	414		60	69		613	19	251		
339+10	339+55	45	22	110	74		11	12		110	3	45		
339+55	352+30.20	1275	22	3117	2104		305	349	3117		88	1275		
352+30.20	352+32	STATION EQUATION												
352+32	366+70.50	1439	22	3516	2374		345	394	3516		99	1439		
366+70.50	366+75.70	STATION EQUATION												
366+75.70	379+77	1301	22	3181	2147		312	356	3181		78	1301		
379+77	407+63	2786	24	7429	5015	12	728	832	7429		180	2786		
407+63	408+33	STRUCTURE OMISSION												
408+33	424+00	1567	24	4179	2821	13	410	468	4179		110	1567		
424+00	61+50	STATION EQUATION												
61+50	57+57	393	24	1048	707		103	117	1048		25	393		
57+57	51+86	571	30	1903	1285		187	213	1903		37	571		
51+86	50+75	111	30-144	944	637	80	93	106	944		8	333		
TOTALS =							66568	165	9669	11047	94093	4525	2539	39399

ENTRANCE SCHEDULE														
			AGGREGATE SURFACE COURSE TYPE B					INCIDENTAL HOT-MIX ASPHALT SURFACING					SURFACE REM VAR DEPTH (SP)	TEMPORARY RAMP, SPECIAL
SIDE	STATION	TYPE	LENGTH (FEET)	WIDTH (FEET)	AREA (SQ YD)	THICKNESS (INCHES)	QUANTITY (TON)	LENGTH (FEET)	WIDTH (FEET)	AREA (SQ YD)	THICKNESS (INCHES)	QUANTITY (TON)	QUANTITY (SQ YD)	QUANTITY (SQ YD)
RT	38+86	PE	32	10	35.56	1.88	3.8							
LT	39+15	MBT	26	6	17.33	1.88	1.9							
LT	39+39	PE	22	10	24.44	1.88	2.6							
LT	40+63	MBT	34	6	22.67	1.88	2.4							
RT	40+56	PE	20	10	22.22	1.88	2.4							
LT	40+98	PE	35	10	38.89	1.88	4.2							
LT	43+29	PE	18	10	20.00	1.88	2.1							
LT	43+56	MBT	35	6	23.33	1.88	2.5							
RT	43+89	PE						32	10	35.56	1.88	3.7	35.6	17.8
RT	45+10	PE	14	10	15.56	1.88	1.7							
LT	45+26	MBT	18	6	12.00	1.88	1.3							
LT	45+50	PE	29	10	32.22	1.88	3.4							
RT	48+49	PE	31	10	34.44	1.88	3.7							
LT	48+73	MBT	54	6	36.00	1.88	3.8							
LT	50+42	PE						37	10	41.11	1.88	4.3	41.1	20.6
RT	50+42	CE						37	10	41.11	1.88	4.3	41.1	20.6
RT	51+17	CE						31	10	34.44	1.88	3.6	34.4	17.2
RT	51+94	CE						51	10	56.67	1.88	6.0	56.7	28.3
LT	53+14	MBT	20	6	13.33	1.88	1.4							
LT	53+39	PE	29	10	32.22	1.88	3.4							
RT	54+37	PRA						105	10	116.67	1.88	12.3	116.7	58.3
LT	54+73	PRA						32	10	35.56	1.88	3.7	35.6	17.8
LT	55+15	PE	52	10	57.78	1.88	6.2							
RT	55+15	CE	52	10	57.78	1.88	6.2							
RT	55+52	PE	22	10	24.44	1.88	2.6							
RT	55+78	MBT	30	7	23.33	1.88	2.5							
RT	56+89	PE						21	10	23.33	1.88	2.5	23.3	11.7
RT	57+10	MBT	21	7	16.33	1.88	1.7							
RT	59+27	MBT	36	6	24.00	1.88	2.6							
LT	59+48	PE	28	10	31.11	1.88	3.3							
RT	61+69	FE	16	7	12.44	1.88	1.3							
LT	62+68	PE	21	10	23.33	1.88	2.5							
RT	63+02	MBT	47	5	26.11	1.88	2.8							
LT	63+36	PE	22	10	24.44	1.88	2.6							
RT	63+36	PE	22	10	24.44	1.88	2.6							
RT	63+97	PE	15	10	16.67	1.88	1.8							
RT	64+38	PE						37	10	41.11	1.88	4.3	41.1	20.6
LT	66+91	PE	28	10	31.11	1.88	3.3							
RT	67+71	MBT	10	6	6.67	1.88	0.7							
RT	67+90	PE						27	10	30.00	1.88	3.2	30.0	15.0
LT	69+51	PE	29	10	32.22	1.88	3.4							
RT	69+51	MBT	29	6	19.33	1.88	2.1							
RT	70+06	PE	25	10	27.78	1.88	3.0							
LT	75+04	PE						31	10	34.44	1.88	3.6	34.4	17.2

ENTRANCE SCHEDULE														
			AGGREGATE SURFACE COURSE TYPE B					INCIDENTAL HOT-MIX ASPHALT SURFACING					SURFACE REM VAR DEPTH (SP)	TEMPORARY RAMP, SPECIAL
SIDE	STATION	TYPE	LENGTH (FEET)	WIDTH (FEET)	AREA (SQ YD)	THICKNESS (INCHES)	QUANTITY (TON)	LENGTH (FEET)	WIDTH (FEET)	AREA (SQ YD)	THICKNESS (INCHES)	QUANTITY (TON)	QUANTITY (SQ YD)	QUANTITY (SQ YD)
RT	75+04	PE						31	10	34.44	1.88	3.6	34.4	17.2
RT	76+90	MBT	43	6	28.67	1.88	3.1							
LT	77+24	PE	25	10	27.78	1.88	3.0							
RT	78+94	PE	23	10	25.56	1.88	2.7							
RT	79+38	MBT	65	6	43.33	1.88	4.6							
LT	82+08	PRA						74	10	82.22	1.88	8.6	82.2	41.1
RT	86+91	PRA						56	10	62.22	1.88	6.5	62.2	31.1
RT	87+44	MBT						49	15	81.67	1.88	8.6	81.7	40.8
LT	88+81	PE						32	10	35.56	1.88	3.7	35.6	17.8
RT	90+37	CE	15	10	16.67	1.88	1.8							
LT	93+23	PE						20	10	22.22	1.88	2.3	22.2	11.1
RT	99+48	PE						29	10	32.22	1.88	3.4	32.2	16.1
LT	99+78	PE						32	10	35.56	1.88	3.7	35.6	17.8
RT	105+74	PE						21	10	23.33	1.88	2.5	23.3	11.7
LT	105+95	FE	22	7	17.11	1.88	1.8							
RT	114+67	PRA						77	10	85.56	1.88	9.0	85.6	42.8
RT	117+91	PE	33	10	36.67	1.88	3.9							
LT	118+23	PE	32	10	35.56	1.88	3.8							
RT	118+13	MBT	12	6	8.00	1.88	0.9							
RT	120+14	PE	28	10	31.11	1.88	3.3							
LT	123+33	PE	24	10	26.67	1.88	2.8							
LT	124+42	PE	21	10	23.33	1.88	2.5							
RT	130+88	PE	37	10	41.11	1.88	4.4							
LT	151+77	PE	35	10	38.89	1.88	4.2							
RT	154+60	PE	23	10	25.56	1.88	2.7							
RT	161+87	CE	20	10	22.22	1.88	2.4							
RT	162+47	PRA						34	10	37.78	1.88	4.0	37.8	18.9
LT	162+92	FE	22	7	17.11	1.88	1.8							
RT	169+02	FE	29	7	22.56	1.88	2.4							
LT	170+25	FE	17	7	13.22	1.88	1.4							
RT	170+25	FE	17	7	13.22	1.88	1.4							
RT	179+87	PE	20	10	22.22	1.88	2.4							
RT	189+73	FE	27	7	21.00	1.88	2.2							
LT	190+37	PRA						32	10	35.56	1.88	3.7	35.6	17.8
LT	192+40	PE	20	10	22.22	1.88	2.4							
RT	198+98	PE	24	10	26.67	1.88	2.8							
RT	201+04	PE	22	10	24.44	1.88	2.6							
RT	201+19	MBT	7	6	4.67	1.88	0.5							
RT	202+95	PE	88	10	97.78	1.88	10.4							
RT	216+09	PE						38	10	42.22	1.88	4.4	42.2	21.1
LT	216+17	FE	23	7	17.89	1.88	1.9							
LT	223+91	PE	29	10	32.22	1.88	3.4							
LT	230+28	FE	19	7	14.78	1.88	1.6							

ENTRANCE SCHEDULE														
SIDE	STATION	TYPE	AGGREGATE SURFACE COURSE TYPE B					INCIDENTAL HOT-MIX ASPHALT SURFACING					SURFACE REM VAR DEPTH (SP)	TEMPORARY RAMP, SPECIAL
			LENGTH (FEET)	WIDTH (FEET)	AREA (SQ YD)	THICKNESS (INCHES)	QUANTITY (TON)	LENGTH (FEET)	WIDTH (FEET)	AREA (SQ YD)	THICKNESS (INCHES)	QUANTITY (TON)	QUANTITY (SQ YD)	QUANTITY (SQ YD)
RT	230+70	PE	22	10	24.44	1.88	2.6							
RT	233+55	PRA						39	10	43.33	1.88	4.6	43.3	21.7
RT	237+62	FE	106	7	82.44	1.88	8.8							
LT	240+11	FE	18	7	14.00	1.88	1.5							
LT	240+41	MBT	42	6	28.00	1.88	3.0							
RT	240+34	PE	27	10	30.00	1.88	3.2							
RT	244+00	FE	23	7	17.89	1.88	1.9							
LT	247+48	PRA						26	10	28.89	1.88	3.0	28.9	14.4
LT	255+99	FE	21	7	16.33	1.88	1.7							
RT	255+99	FE	21	7	16.33	1.88	1.7							
LT	261+66	FE	21	7	16.33	1.88	1.7							
LT	263+42	CE						55	10	61.11	1.88	6.4	61.1	30.6
LT	267+58	PE	26	10	28.89	1.88	3.1							
RT	271+25	PE	49	10	54.44	1.88	5.8							
LT	271+39	PE	20	10	22.22	1.88	2.4							
LT	272+25	MBT	44	6	29.33	1.88	3.1							
LT	275+74	PE	22	10	24.44	1.88	2.6							
LT	276+09	MBT	47	6	31.33	1.88	3.3							
LT	280+47	PE	24	10	26.67	1.88	2.8							
RT	284+61	FE	75	7	58.33	1.88	6.2							
LT	284+81	PE	20	10	22.22	1.88	2.4							
RT	284+81	PE	20	10	22.22	1.88	2.4							
LT	285+39	PE	23	10	25.56	1.88	2.7							
LT	288+39	PRA						42	10	46.67	1.88	4.9	46.7	23.3
RT	288+39	PRA						42	10	46.67	1.88	4.9	46.7	23.3
LT	292+37	PE	29	10	32.22	1.88	3.4							
LT	295+43	MBT	87	6	58.00	1.88	6.2							
RT	295+44	PE	21	10	23.33	1.88	2.5							
LT	299+05	MBT	2	6	1.33	1.88	0.1							
LT	300+01	PRA						43	10	47.78	1.88	5.0	47.8	23.9
LT	304+74	MBT	41	6	27.33	1.88	2.9							
LT	304+86	PE	17	10	18.89	1.88	2.0							
LT	306+29	MBT	30	10	33.33	1.88	3.6							
LT	306+57	PE	26	10	28.89	1.88	3.1							
RT	308+92	PE	26	10	28.89	1.88	3.1							
LT	313+01	PE	28	10	31.11	1.88	3.3							
LT	314+68	PE	11	10	12.22	1.88	1.3							
LT	314+85	PE	23	10	25.56	1.88	2.7							
RT	316+48	FE	21	7	16.33	1.88	1.7							
LT	316+79	MBT	27	6	18.00	1.88	1.9							
LT	317+05	PE	25	10	27.78	1.88	3.0							
LT	322+16	MBT	43	6	28.67	1.88	3.1							
LT	322+24	PE	27	10	30.00	1.88	3.2							

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	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/6/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES

SCALE: SHEET 4 OF 13 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2704	(11,12)RS-2	CLAY	34	15
CONTRACT NO. 74513			ILLINOIS FED. AID PROJECT	

ENTRANCE SCHEDULE																
			AGGREGATE SURFACE COURSE TYPE B					INCIDENTAL HOT-MIX ASPHALT SURFACING					SURFACE REM VAR DEPTH (SP)	TEMPORARY RAMP, SPECIAL		
SIDE	STATION	TYPE	LENGTH (FEET)	WIDTH (FEET)	AREA (SQ YD)	THICKNESS (INCHES)	QUANTITY (TON)	LENGTH (FEET)	WIDTH (FEET)	AREA (SQ YD)	THICKNESS (INCHES)	QUANTITY (TON)	QUANTITY (SQ YD)	QUANTITY (SQ YD)		
LT	324+90	MBT	14	6	9.33	1.88	1.0									
LT	325+08	PE	22	10	24.44	1.88	2.6									
LT	328+21	PE	26	10	28.89	1.88	3.1									
RT	328+21	PRA						26	10	28.89	1.88	3.0	28.9	14.4		
LT	341+50	FE	26	7	20.22	1.88	2.2									
RT	342+78	PE	18	10	20.00	1.88	2.1									
LT	347+60	FE	20	7	15.56	1.88	1.7									
RT	349+52	FE	27	7	21.00	1.88	2.2									
LT	357+91	PE	18	10	20.00	1.88	2.1									
LT	360+47	FE	17	7	13.22	1.88	1.4									
RT	365+13	FE	28	7	21.78	1.88	2.3									
RT	366+14	FE	29	7	22.56	1.88	2.4									
LT	367+30	FE	18	7	14.00	1.88	1.5									
RT	367+78	PRA						27	10	30.00	1.88	3.2	30.0	15.0		
LT	371+24	PE	32	10	35.56	1.88	3.8									
LT	372+02	MBT	39	6	26.00	1.88	2.8									
RT	372+58	FE	14	7	10.89	1.88	1.2									
LT	372+68	PE	20	10	22.22	1.88	2.4									
LT	372+93	MBT	29	6	19.33	1.88	2.1									
RT	375+50	PRA						36	10	40.00	1.88	4.2	40.0	20.0		
LT	375+55	PRA						26	10	28.89	1.88	3.0				
RT	376+58	CE	24	10	26.67	1.88	2.8									
RT	377+06	CE	18	10	20.00	1.88	2.1									
LT	377+61	PE	62	10	68.89	1.88	7.4									
RT	378+54	CE	26	10	28.89	1.88	3.1									
LT	378+70	PRA						32	10	35.56	1.88	3.7	35.6	17.8		
RT	381+66	PRA						193	10	214.44	1.88	22.5	214.4	107.2		
LT	381+45	PRA						96	10	106.67	1.88	11.2	106.7	53.3		
LT	382+99	CE						63	10	70.00	1.88	7.4	70.0	35.0		
LT	383+74	PE	20	10	22.22	1.88	2.4									
LT	387+18	MBT	50	6	33.33	1.88	3.6									
RT	387+05	PE	23	10	25.56	1.88	2.7									
RT	388+94	PE	29	10	32.22	1.88	3.4									
RT	392+73	PE	17	10	18.89	1.88	2.0									
LT	400+92	FE	16	7	12.44	1.88	1.3									
RT	400+92	FE	16	7	12.44	1.88	1.3									
LT	413+44	FE	21	7	16.33	1.88	1.7									
RT	413+44	FE	21	7	16.33	1.88	1.7									
LT	60+05	PE	49	10	54.44	1.88	5.8									
LT	57+75	MBT	36	9	36.00	1.88	3.8									
LT	57+41	PE	33	10	36.67	1.88	3.9									
LT	52+88	PRA						72	10	80.00	1.88	8.4	80.0	40.0		
TOTAL =							373.4						TOTALS =	211.0	1980.6	990.3

USE = 374 TONS

USE = 211 1981 991

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	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/6/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: SHEET 5 OF 13 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2704	(11,12)R5-2	CLAY	34	16
CONTRACT NO. 74513				
ILLINOIS		FED. AID PROJECT		

PATCHING SCHEDULE									
PATCH NUMBER	LANE	STATION	LENGTH (FEET)	WIDTH (FEET)	DEPTH (INCHES)	CLASS D PATCHES		CLASS D PATCHES	
						TYPE I, 12 INCH (SQ YD)	TYPE II, 12 INCH (SQ YD)	TYPE III, 12 INCH (SQ YD)	TYPE IV, 12 INCH (SQ YD)
1	EB	41+13	5.0	11.0	12.0		6.1		
2	EB	47+70	5.0	11.0	12.0		6.1		
3	EB	53+00	4.0	11.0	12.0	4.9			
4	WB	53+00	10.0	11.0	12.0		12.2		
5	WB	57+73	4.0	11.0	12.0	4.9			
6	EB	57+76	4.0	11.0	12.0	4.9			
7	EB	59+75	15.0	11.0	12.0			18.3	
8	WB	59+75	15.0	11.0	12.0			18.3	
9	EB	60+10	6.0	11.0	12.0		7.3		
10	EB	51+60	8.0	11.0	12.0		9.8		
11	WB	62+65	5.0	11.0	12.0		6.1		
12	EB	63+25	6.0	11.0	12.0		7.3		
13	EB	65+50	5.0	11.0	12.0		6.1		
14	WB	65+50	5.0	11.0	12.0		6.1		
15	WB	68+50	15.0	11.0	12.0			18.3	
16	EB	68+50	4.0	11.0	12.0	4.9			
17	EB	71+10	10.0	11.0	12.0		12.2		
18	EB	71+75	4.0	11.0	12.0	4.9			
19	WB	71+75	4.0	11.0	12.0	4.9			
20	EB	72+15	4.0	11.0	12.0	4.9			
21	WB	72+15	4.0	11.0	12.0	4.9			
22	EB	85+00	4.0	11.0	12.0	4.9			
23	WB	85+00	4.0	11.0	12.0	4.9			
24	EB	86+45	4.0	11.0	12.0	4.9			
25	WB	86+45	4.0	11.0	12.0	4.9			
26	EB	90+15	10.0	11.0	12.0		12.2		
27	WB	94+20	5.0	11.0	12.0		6.1		
28	EB	96+70	4.0	11.0	12.0	4.9			
29	WB	98+70	4.0	11.0	12.0	4.9			
30	WB	102+90	4.0	11.0	12.0	4.9			
31	EB	111+90	12.0	11.0	12.0		14.7		
32	WB	111+50	4.0	11.0	12.0	4.9			
33	EB	114+70	4.0	11.0	12.0	4.9			
34	WB	114+70	4.0	11.0	12.0	4.9			
35	WB	116+18	5.0	11.0	12.0		6.1		

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	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/6/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES

SCALE: SHEET 6 OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2704	(11,12)R5-2	CLAY	34	17
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74513	

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PATCHING SCHEDULE									
PATCH NUMBER	LANE	STATION	LENGTH (FEET)	WIDTH (FEET)	DEPTH (INCHES)	CLASS D PATCHES		CLASS D PATCHES	
						TYPE I, 12 INCH (SQ YD)	TYPE II, 12 INCH (SQ YD)	TYPE III, 12 INCH (SQ YD)	TYPE IV, 12 INCH (SQ YD)
36	EB	116+20	30.0	11.0	12.0				36.7
37	EB	116+85	5.0	11.0	12.0		6.1		
38	EB	117+20	6.0	11.0	12.0		7.3		
39	WB	123+10	6.0	6.0	12.0	4.0			
40	WB	125+11	4.0	11.0	12.0	4.9			
41	EB	126+80	8.0	11.0	12.0		9.8		
42	EB	135+68	5.0	11.0	12.0		6.1		
43	WB	135+68	5.0	11.0	12.0		6.1		
44	WB	143+58	4.0	11.0	12.0	4.9			
45	EB	145+20	4.0	11.0	12.0	4.9			
46	WB	145+20	4.0	11.0	12.0	4.9			
47	EB	145+50	4.0	11.0	12.0	4.9			
48	WB	145+50	4.0	11.0	12.0	4.9			
49	EB	146+90	5.0	11.0	12.0		6.1		
50	WB	153+40	5.0	11.0	12.0		6.1		
51	WB	164+20	40.0	6.0	12.0				26.7
52	WB	164+60	20.0	6.0	12.0		13.3		
53	WB	166+10	30.0	11.0	12.0				36.7
54	WB	166+60	10.0	11.0	12.0		12.2		
55	WB	166+84	6.0	11.0	12.0		7.3		
56	EB	168+31	20.0	11.0	12.0			24.4	
57	WB	168+31	30.0	11.0	12.0				36.7
58	EB	168+75	12.0	11.0	12.0		14.7		
59	EB	169+25	8.0	11.0	12.0		9.8		
60	WB	169+25	8.0	11.0	12.0		9.8		
61	EB	170+20	10.0	11.0	12.0		12.2		
62	WB	170+20	10.0	11.0	12.0		12.2		
63	WB	174+00	40.0	6.0	12.0				26.7
64	EB	176+40	20.0	11.0	12.0			24.4	
65	EB	178+50	40.0	11.0	12.0				48.9
66	WB	179+60	6.0	11.0	12.0		7.3		
67	EB	181+10	5.0	11.0	12.0		6.1		
68	WB	181+10	5.0	11.0	12.0		6.1		
69	WB	182+20	20.0	11.0	12.0			24.4	
70	EB	188+60	5.0	11.0	12.0		6.1		

USER NAME = steffenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/6/2019	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: SHEET 7 OF 13 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2704	(11,12)R5-2	CLAY	34	18
CONTRACT NO. 74513			ILLINOIS FED. AID PROJECT	

MODEL: Default
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PATCHING SCHEDULE									
PATCH NUMBER	LANE	STATION	LENGTH (FEET)	WIDTH (FEET)	DEPTH (INCHES)	CLASS D PATCHES		CLASS D PATCHES	
						TYPE I, 12 INCH (SQ YD)	TYPE II, 12 INCH (SQ YD)	TYPE III, 12 INCH (SQ YD)	TYPE IV, 12 INCH (SQ YD)
71	WB	188+60	5.0	11.0	12.0		6.1		
72	EB	193+10	4.0	11.0	12.0	4.9			
73	WB	193+10	12.0	11.0	12.0		14.7		
74	WB	193+40	4.0	11.0	12.0	4.9			
75	WB	194+50	5.0	11.0	12.0		6.1		
76	WB	194+85	30.0	11.0	12.0				36.7
77	EB	195+15	5.0	11.0	12.0		6.1		
78	WB	195+15	5.0	11.0	12.0		6.1		
79	WB	198+90	4.0	11.0	12.0	4.9			
80	WB	197+10	4.0	11.0	12.0	4.9			
81	WB	198+15	4.0	11.0	12.0	4.9			
82	EB	201+00	4.0	11.0	12.0	4.9			
83	WB	201+00	4.0	11.0	12.0	4.9			
84	EB	205+15	4.0	11.0	12.0	4.9			
85	WB	205+15	4.0	11.0	12.0	4.9			
86	EB	205+50	5.0	11.0	12.0		6.1		
87	WB	205+50	5.0	11.0	12.0		6.1		
88	WB	211+26	4.0	11.0	12.0	4.9			
89	WB	213+85	15.0	11.0	12.0			18.3	
90	EB	215+20	15.0	11.0	12.0			18.3	
91	WB	215+20	15.0	11.0	12.0			18.3	
92	EB	220+80	15.0	11.0	12.0			18.3	
93	WB	220+80	15.0	11.0	12.0			18.3	
94	EB	221+20	8.0	11.0	12.0		9.8		
95	WB	221+20	8.0	11.0	12.0		9.8		
96	EB	221+60	20.0	11.0	12.0			24.4	
97	WB	221+60	20.0	6.0	12.0		13.3		
98	EB	222+60	25.0	11.0	12.0				30.6
99	WB	222+70	100.0	11.0	12.0				122.2
100	EB	222+95	50.0	11.0	12.0				61.1
101	EB	223+30	6.0	11.0	12.0		7.3		
102	WB	223+30	6.0	11.0	12.0		7.3		
103	EB	223+78	6.0	11.0	12.0		7.3		
104	WB	223+78	20.0	11.0	12.0			24.4	
105	WB	224+40	40.0	6.0	12.0				26.7

USER NAME = steffenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/6/2019	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: SHEET 8 OF 13 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2704	(11,12)R5-2	CLAY	34	19
CONTRACT NO. 74513			ILLINOIS FED. AID PROJECT	

PATCHING SCHEDULE									
PATCH NUMBER	LANE	STATION	LENGTH (FEET)	WIDTH (FEET)	DEPTH (INCHES)	CLASS D PATCHES TYPE I, 12 INCH (SQ YD)	CLASS D PATCHES TYPE II, 12 INCH (SQ YD)	CLASS D PATCHES TYPE III, 12 INCH (SQ YD)	CLASS D PATCHES TYPE IV, 12 INCH (SQ YD)
106	WB	226+00	50.0	11.0	12.0				61.1
107	WB	226+15	4.0	11.0	12.0	4.9			
108	WB	226+65	4.0	11.0	12.0	4.9			
109	EB	239+10	6.0	11.0	12.0		7.3		
110	WB	241+54	4.0	11.0	12.0	4.9			
111	EB	243+20	4.0	11.0	12.0	4.9			
112	EB	245+15	6.0	11.0	12.0		7.3		
113	WB	245+15	15.0	11.0	12.0			18.3	
114	WB	245+50	6.0	11.0	12.0		7.3		
115	EB	245+90	4.0	11.0	12.0	4.9			
116	WB	251+30	10.0	11.0	12.0		12.2		
117	WB	251+77	5.0	11.0	12.0		6.1		
118	EB	252+24	20.0	11.0	12.0			24.4	
119	WB	252+24	15.0	11.0	12.0			18.3	
120	EB	252+62	10.0	11.0	12.0		12.2		
121	WB	252+62	25.0	11.0	12.0				30.6
122	EB	254+95	15.0	11.0	12.0			18.3	
123	WB	254+95	15.0	11.0	12.0			18.3	
124	EB	255+70	6.0	11.0	12.0		7.3		
125	WB	255+70	6.0	11.0	12.0		7.3		
126	EB	258+70	15.0	11.0	12.0			18.3	
127	WB	258+70	15.0	11.0	12.0			18.3	
128	EB	259+20	45.0	11.0	12.0				55.0
129	WB	259+20	45.0	11.0	12.0				55.0
130	EB	259+65	6.0	11.0	12.0		7.3		
131	WB	259+65	15.0	11.0	12.0			18.3	
132	EB	259+95	5.0	11.0	12.0		6.1		
133	EB	260+20	10.0	11.0	12.0		12.2		
134	EB	260+65	15.0	6.0	12.0		10.0		
135	EB	261+20	6.0	11.0	12.0		7.3		
136	WB	261+20	8.0	11.0	12.0		9.8		
137	EB	263+89	4.0	11.0	12.0	4.9			
138	WB	264+785	15.0	11.0	12.0			18.3	
139	EB	266+95	5.0	11.0	12.0		6.1		
140	WB	267+94	6.0	11.0	12.0		7.3		

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USER NAME = steffenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/6/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES

SCALE: SHEET 9 OF 13 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2704	(11,12)R5-2	CLAY	34	20
CONTRACT NO. 74513			ILLINOIS FED. AID PROJECT	

MODEL: Default
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PATCHING SCHEDULE									
PATCH NUMBER	LANE	STATION	LENGTH (FEET)	WIDTH (FEET)	DEPTH (INCHES)	CLASS D PATCHES		CLASS D PATCHES	
						TYPE I, 12 INCH (SQ YD)	TYPE II, 12 INCH (SQ YD)	TYPE III, 12 INCH (SQ YD)	TYPE IV, 12 INCH (SQ YD)
141	EB	269+60	4.0	11.0	12.0	4.9			
142	EB	270+55	5.0	11.0	12.0		6.1		
143	WB	270+76	4.0	11.0	12.0	4.9			
144	EB	272+45	4.0	11.0	12.0	4.9			
145	EB	273+85	6.0	11.0	12.0		7.3		
146	EB	274+10	20.0	11.0	12.0			24.4	
147	WB	274+24	6.0	11.0	12.0		7.3		
148	WB	278+00	5.0	11.0	12.0		6.1		
149	EB	279+10	5.0	11.0	12.0		6.1		
150	EB	279+80	4.0	11.0	12.0	4.9			
151	WB	279+95	8.0	11.0	12.0		9.8		
152	EB	280+80	15.0	11.0	12.0			18.3	
153	WB	280+80	6.0	11.0	12.0		7.3		
154	WB	283+15	5.0	11.0	12.0		6.1		
155	EB	289+50	4.0	11.0	12.0	4.9			
156	EB	291+95	4.0	11.0	12.0	4.9			
157	WB	291+95	4.0	11.0	12.0	4.9			
158	EB	292+55	7.0	11.0	12.0		8.6		
159	EB	296+15	4.0	11.0	12.0	4.9			
160	EB	297+65	20.0	11.0	12.0			24.4	
161	WB	297+65	20.0	11.0	12.0			24.4	
162	EB	302+20	4.0	11.0	12.0	4.9			
163	WB	302+20	4.0	11.0	12.0	4.9			
164	WB	302+90	4.0	11.0	12.0	4.9			
165	EB	304+20	4.0	11.0	12.0	4.9			
166	EB	306+50	8.0	11.0	12.0		9.8		
167	WB	306+50	8.0	11.0	12.0		9.8		
168	EB	308+30	10.0	11.0	12.0		12.2		
169	WB	308+30	10.0	11.0	12.0		12.2		
170	WB	312+10	4.0	11.0	12.0	4.9			
171	WB	314+65	15.0	6.0	12.0		10.0		
172	EB	314+75	4.0	11.0	12.0	4.9			
173	EB	316+00	6.0	11.0	12.0		7.3		
174	WB	316+00	6.0	11.0	12.0		7.3		
175	EB	322+65	15.0	11.0	12.0			18.3	

USER NAME = steffenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/6/2019	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: SHEET 10 OF 13 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2704	(11,12)R5-2	CLAY	34	21
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74513	

MODEL: Default
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PATCHING SCHEDULE									
PATCH NUMBER	LANE	STATION	LENGTH (FEET)	WIDTH (FEET)	DEPTH (INCHES)	CLASS D PATCHES		CLASS D PATCHES	
						TYPE I, 12 INCH (SQ YD)	TYPE II, 12 INCH (SQ YD)	TYPE III, 12 INCH (SQ YD)	TYPE IV, 12 INCH (SQ YD)
176	WB	322+65	15.0	11.0	12.0			18.3	
177	WB	324+10	4.0	11.0	12.0	4.9			
178	WB	342+40	6.0	11.0	12.0		7.3		
179	EB	342+75	6.0	11.0	12.0		7.3		
180	EB	344+70	5.0	11.0	12.0		6.1		
181	WB	344+70	5.0	11.0	12.0		6.1		
182	WB	378+75	4.0	11.0	12.0	4.9			
183	WB	385+15	5.0	11.0	12.0		6.1		
184	EB	387+20	4.0	11.0	12.0	4.9			
185	WB	387+20	4.0	11.0	12.0	4.9			
186	EB	391+60	5.0	11.0	12.0		6.1		
187	WB	391+60	5.0	11.0	12.0		6.1		
188	EB	394+50	4.0	11.0	12.0	4.9			
189	WB	394+50	4.0	11.0	12.0	4.9			
190	EB	396+95	4.0	11.0	12.0	4.9			
191	WB	396+95	4.0	11.0	12.0	4.9			
192	EB	400+95	4.0	11.0	12.0	4.9			
193	WB	400+95	4.0	11.0	12.0	4.9			
194	WB	401+75	4.0	11.0	12.0	4.9			
195	EB	402+30	4.0	11.0	12.0	4.9			
196	WB	402+30	4.0	11.0	12.0	4.9			
197	EB	403+70	5.0	11.0	12.0		6.1		
198	WB	403+70	5.0	11.0	12.0		6.1		
199	EB	408+55	4.0	11.0	12.0	4.9			
200	WB	408+55	4.0	11.0	12.0	4.9			
201	EB	416+50	5.0	11.0	12.0		6.1		
202	WB	416+50	5.0	11.0	12.0		6.1		
203	EB	59+25	10.0	11.0	12.0		12.2		
204	WB	59+25	10.0	11.0	12.0		12.2		
TOTALS =						342.1	749.5	567.3	691.4

USE =	343	750	568	692
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USER NAME = steffenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/6/2019	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: SHEET 11 OF 13 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2704	(11,12)R5-2	CLAY	34	22
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74513	

PAVEMENT MARKING SCHEDULE														
			SHORT-TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	PAINT PAVEMENT MARKING - LINE 4"	TEMPORARY PAVEMENT MARKING - LINE 4"	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	GROOVING FOR RECESSED PAVEMENT MARKING 9"	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	GROOVING FOR RECESSED PAVEMENT MARKING 13"	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	GROOVING FOR RECESSED PAVEMENT MARKING 25"	TEMPORARY PAVEMENT MARKING - LINE 24"	RAISED REFLECTIVE PAVEMENT MARKERS
STATION		LENGTH	(FEET)	(SQ FT)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(EACH)
FROM	TO	(FEET)	(FEET)	(SQ FT)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(EACH)
38+86	48+66.80	980.8	294	33	2207	2207								12
48+66.80	48+77.90	STATION EQUATION												
48+77.90	61+85	1307.1	392	44	2804	2804								16
61+85	67+50	565.0	170	19	1836	1836								7
67+50	72+03	453.0	136	15	1019	1019								6
72+03	77+67	564.0	169	19	1833	1833								7
77+67	79+30	163.0	49	5	367	367								2
79+30	82+44.30	314.3	94	11	947	947								4
82+44.30	82+44.60	STATION EQUATION												
82+44.60	89+86	741.4	222	25	2354	2354								9
89+86	93+66.50	380.5	114	13	1522	1522								5
93+66.50	93+71.70	STATION EQUATION												
93+71.70	98+44	472.3	142	16	1889	1889								6
98+44	102+40.30	396.3	119	13	1288	1288								5
102+40.30	102+48.30	STATION EQUATION												
102+48.30	106+89	440.7	132	15	1432	1432								6
106+89	108+48	159.0	48	5	358	358								2
108+48	110+16.30	168.3	50	6	547	547								2
110+16.30	110+17.00	STATION EQUATION												
110+17.00	118+59	842.0	253	28	2660	2660								11
118+59	124+88.60	629.6	189	21	2518	2518								8
124+88.60	124+90.27	STATION EQUATION												
124+90.27	140+70.50	1580.2	474	53	6321	6321								20
140+70.50	140+76.80	6.3	2	0	25	25								0
140+76.80	140+87.40	STATION EQUATION												
140+87.40	150+71	983.6	295	33	3934	3934								25
150+71	155+92	521.0	156	17	1693	1693								13
155+92	159+18.50	326.5	98	11	735	735								8
159+18.50	221+82	6263.5	1879	209	14027	14027								78
221+82	232+13	1031.0	309	34	3351	3351								13
232+13	236+27.70	414.7	124	14	1620	1620								5
236+27.70	236+32.50	STATION EQUATION												

PAVEMENT MARKING SCHEDULE														
			SHORT-TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	PAINT PAVEMENT MARKING - LINE 4"	TEMPORARY PAVEMENT MARKING - LINE 4"	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	GROOVING FOR RECESSED PAVEMENT MARKING 9"	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	GROOVING FOR RECESSED PAVEMENT MARKING 13"	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	GROOVING FOR RECESSED PAVEMENT MARKING 25"	TEMPORARY PAVEMENT MARKING - LINE 24"	RAISED REFLECTIVE PAVEMENT MARKERS
STATION		LENGTH	(FEET)	(SQ FT)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(EACH)
FROM	TO	(FEET)	(FEET)	(SQ FT)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(EACH)
236+32.50	236+75	42.5	13	1	170	170								1
236+75	246+77	1002.0	301	33	3257	3257								13
246+77	271+79	2502.0	751	83	5604	5604								31
271+79	282+46	1067.0	320	36	3468	3468								13
282+46	284+48	202.0	61	7	808	808								3
284+48	288+62.50	414.5	124	14	849	849								5
288+62.50	288+65.80	STATION EQUATION												
288+65.80	298+81	1015.2	305	34	2284	2284								13
298+81	305+54	673.0	202	22	2144	2144								8
305+54	308+89	335.0	101	11	754	754								4
308+89	316+28	739.0	222	25	2402	2402								9
316+28	320+50	422.0	127	14	950	950								5
320+50	330+64	1014.0	304	34	3270	3270								13
330+64	335+98.70	534.7	160	18	2139	2139								7
335+98.70	336+01.30	STATION EQUATION												
336+01.30	340+76	474.7	142	16	1899	1899								6
340+76	349+18	842.0	253	28	2737	2737								11
349+18	351+08	190.0	57	6	618	618								2
351+08	352+30.20	122.2	37	4	275	275								2
352+30.20	352+32.00	STATION EQUATION												
352+32.00	358+40	608.0	183	20	1368	1368								8
358+40	366+70.50	830.5	249	28	2699	2699								10
366+70.50	366+75.70	STATION EQUATION												
366+75.70	380+33	1357.3	407	45	4290	4290								17
380+33	381+55	122.0	37	4						28	28	28		2
381+55	423+52	4197.0	1259	140	9398	9398								53
423+52	424+00.00	48.0	14	2	156	156								1
424+00.00	61+50.00	STATION EQUATION												
61+50.00	57+34	416.0	125	14	1352	1352								5
57+34	50+75	659.0	198	22	2564	2564	160	160	106	106	30	30	30	8
TOTALS:			11861	1319	112742	112742	160	160	106	106	58	58	58	520

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PLOT SCALE = 100.0000' / in.
PLOT DATE = 12/6/2019

DESIGNED -
DRAWN -
CHECKED -
DATE -

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REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

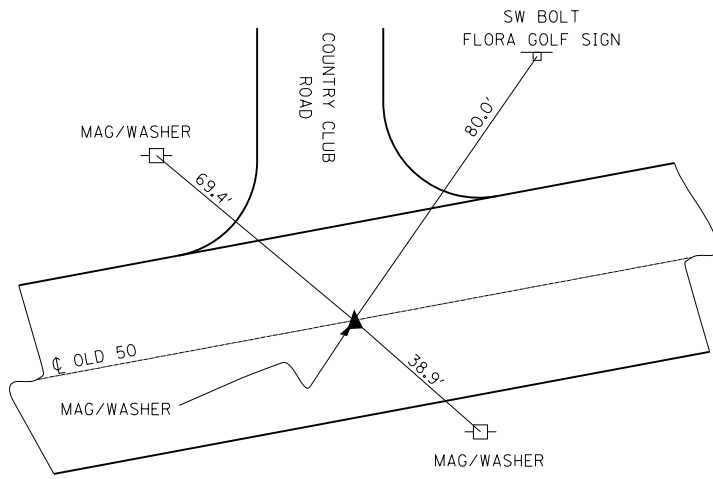
SCHEDULES OF QUANTITIES

SCALE: SHEET 13 OF 13 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2704	(11,12)R5-2	CLAY	34	24
CONTRACT NO. 74513			ILLINOIS FED. AID PROJECT	



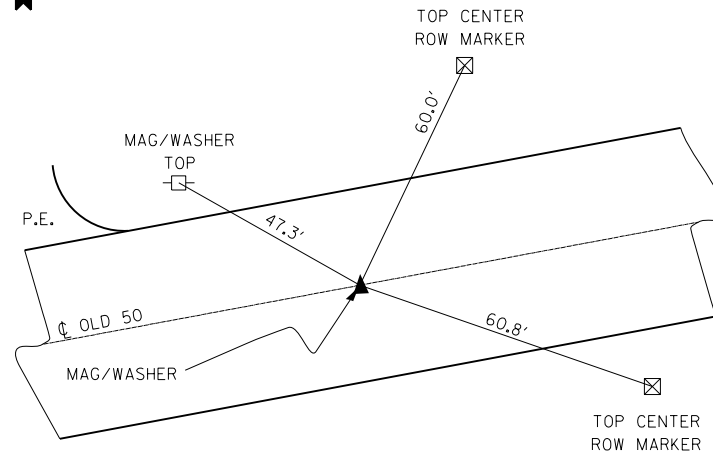
P.O.T. 113+98.25



NOTE: NOT DRAWN TO SCALE



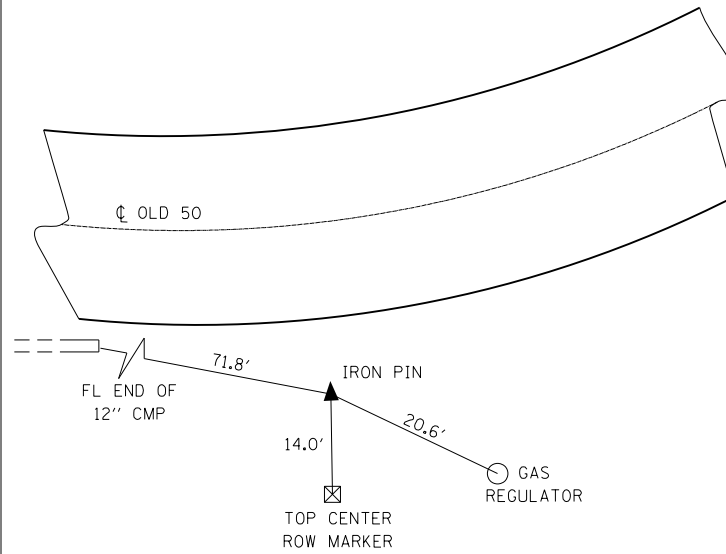
P.C. 118+83.85



NOTE: NOT DRAWN TO SCALE



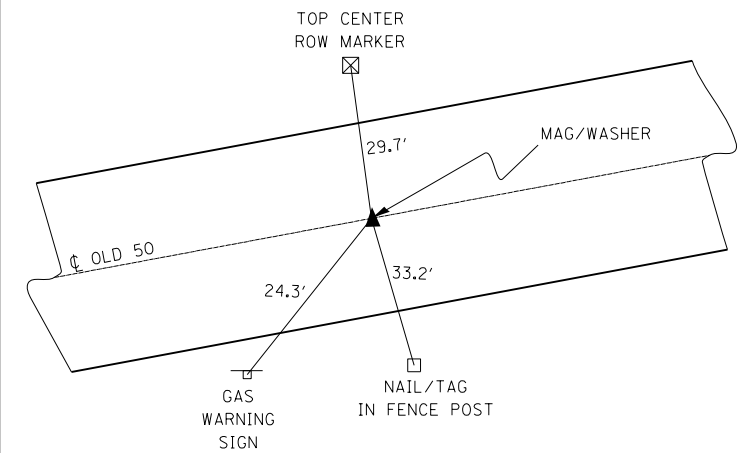
P.I. 121+87.10
(15.6' LT.)



NOTE: NOT DRAWN TO SCALE



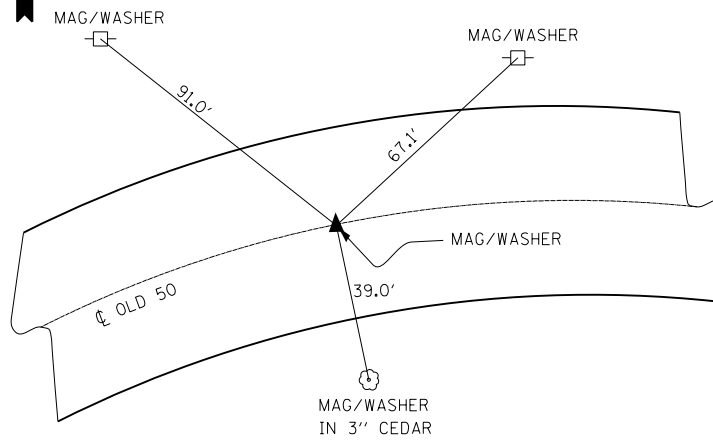
P.T. 124+88.45 BK =
124+92.20 AH



NOTE: NOT DRAWN TO SCALE



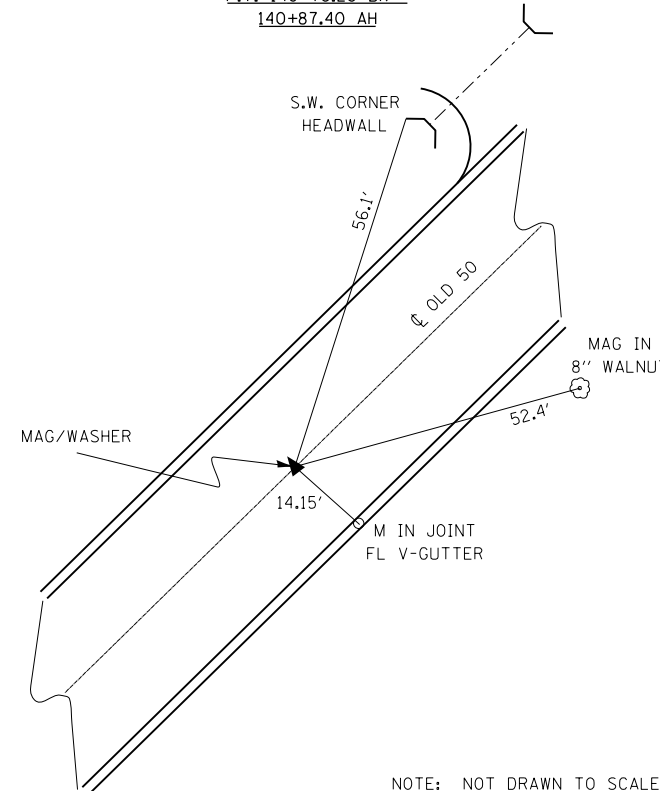
P.C. 134+93.98



NOTE: NOT DRAWN TO SCALE



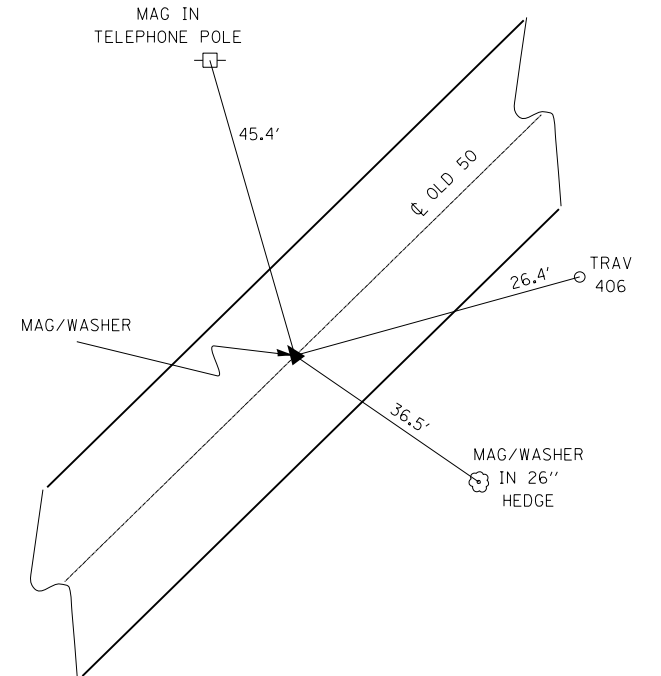
P.T. 140+78.28 BK =
140+87.40 AH



NOTE: NOT DRAWN TO SCALE



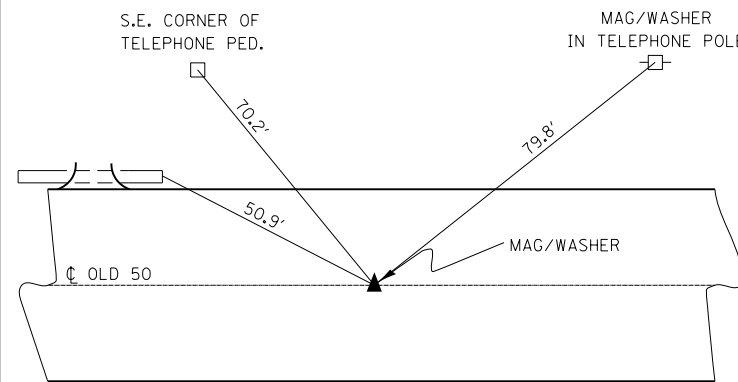
P.C. 146+73.91
(1.5' LT.)



NOTE: NOT DRAWN TO SCALE



P.T. 153+33.72 BK =
153+87.10 AH
(1.1' LT.)



NOTE: NOT DRAWN TO SCALE

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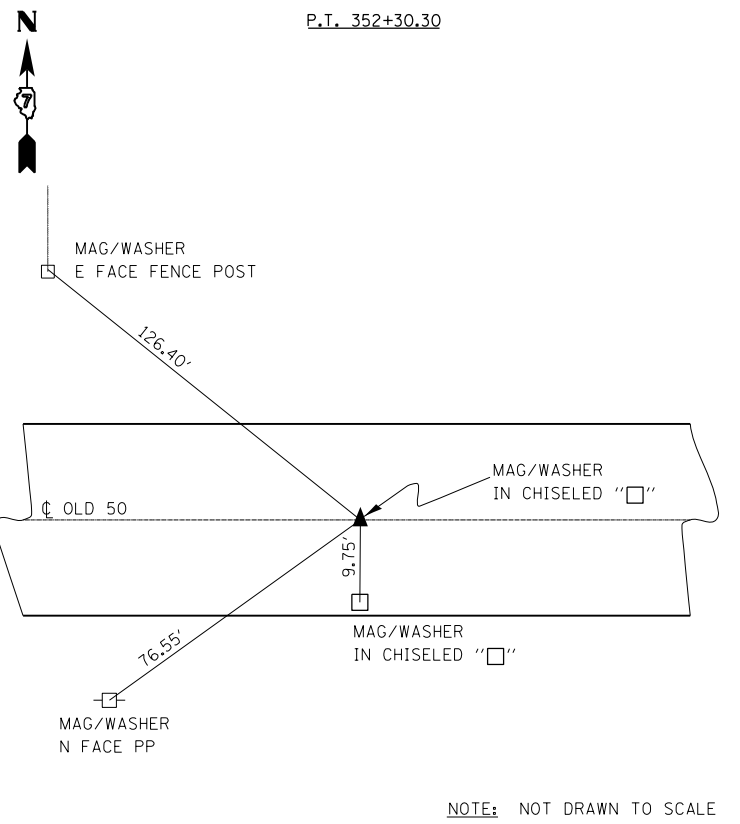
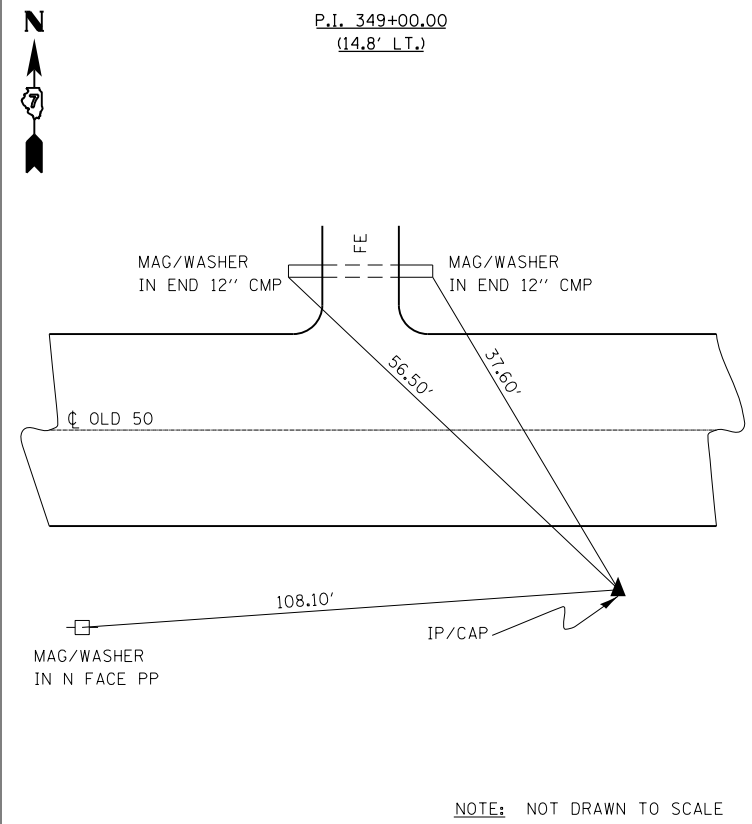
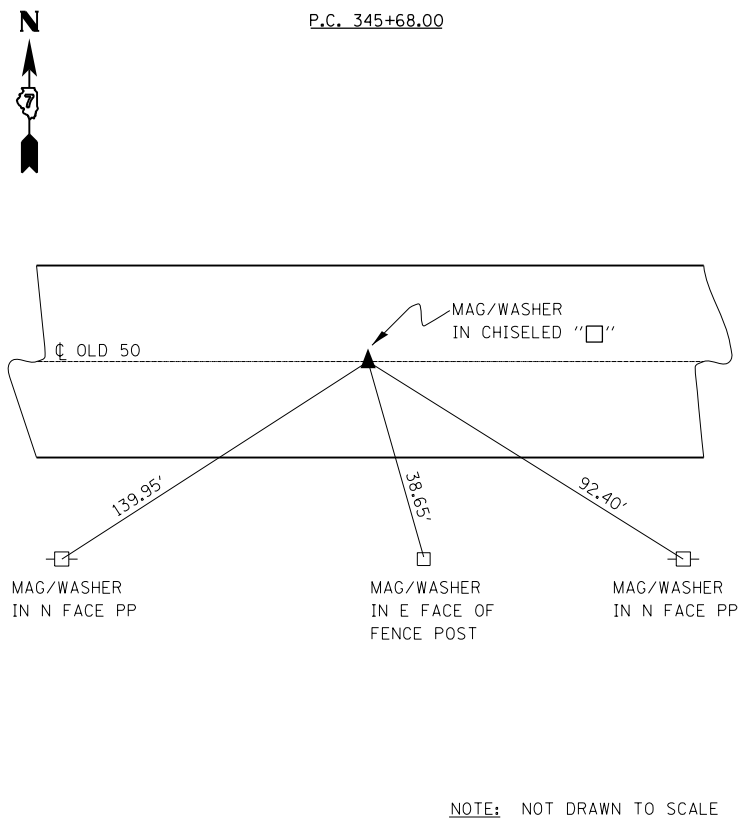
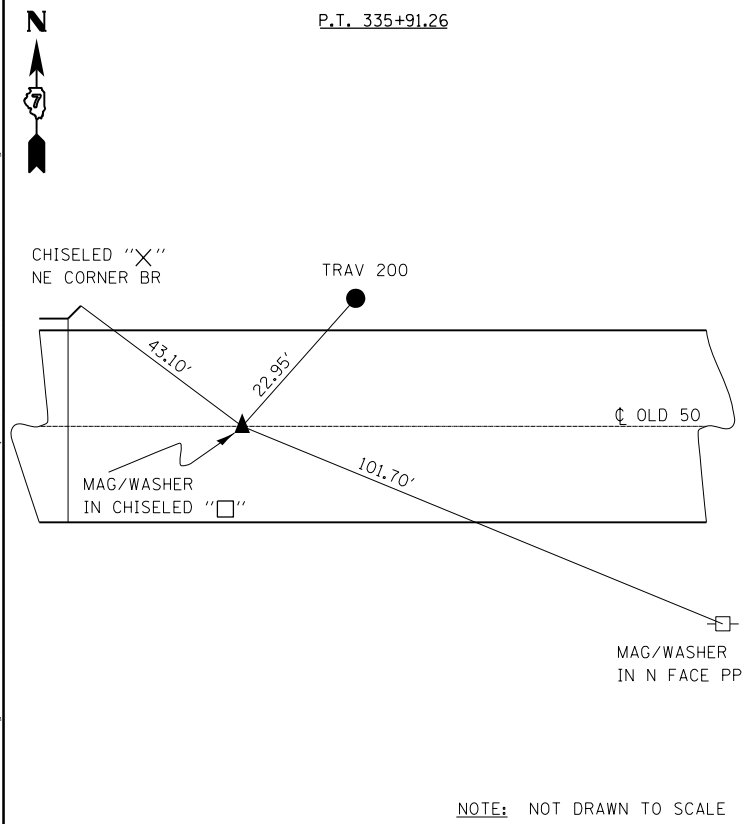
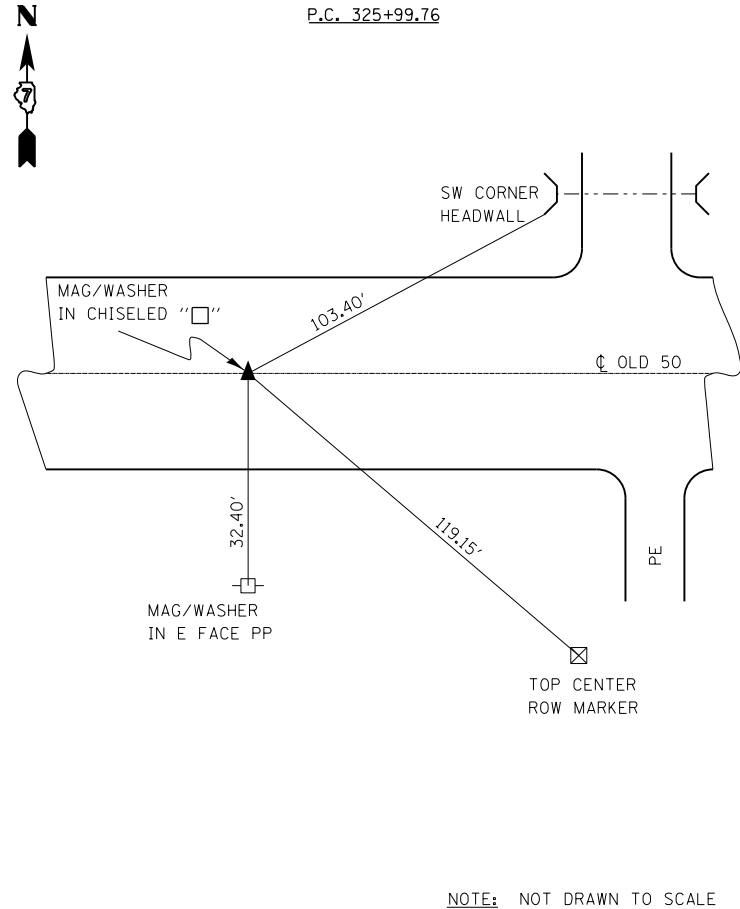
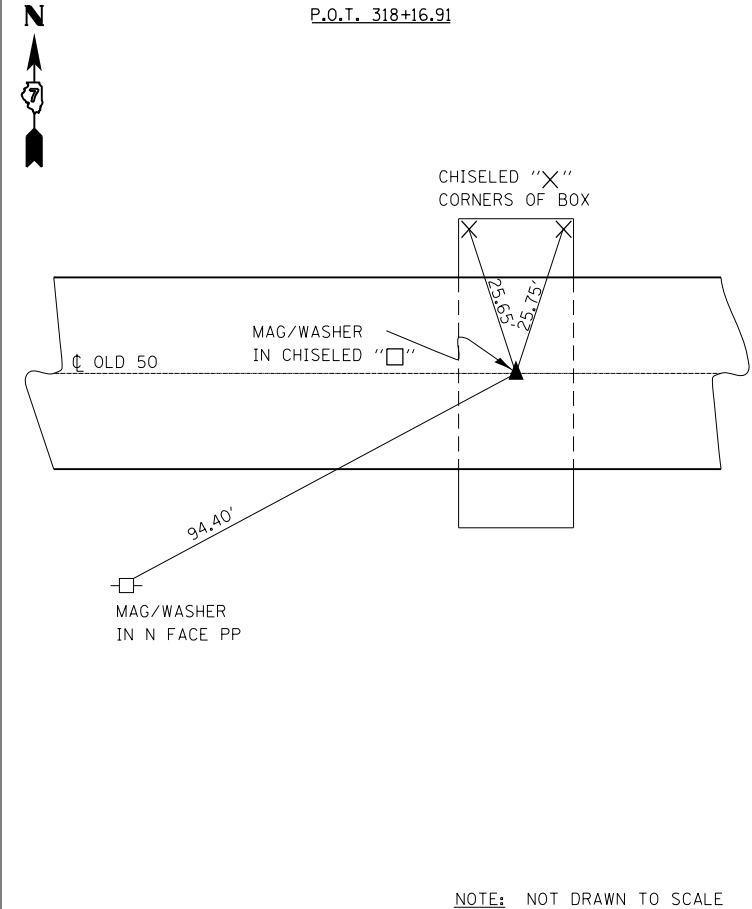
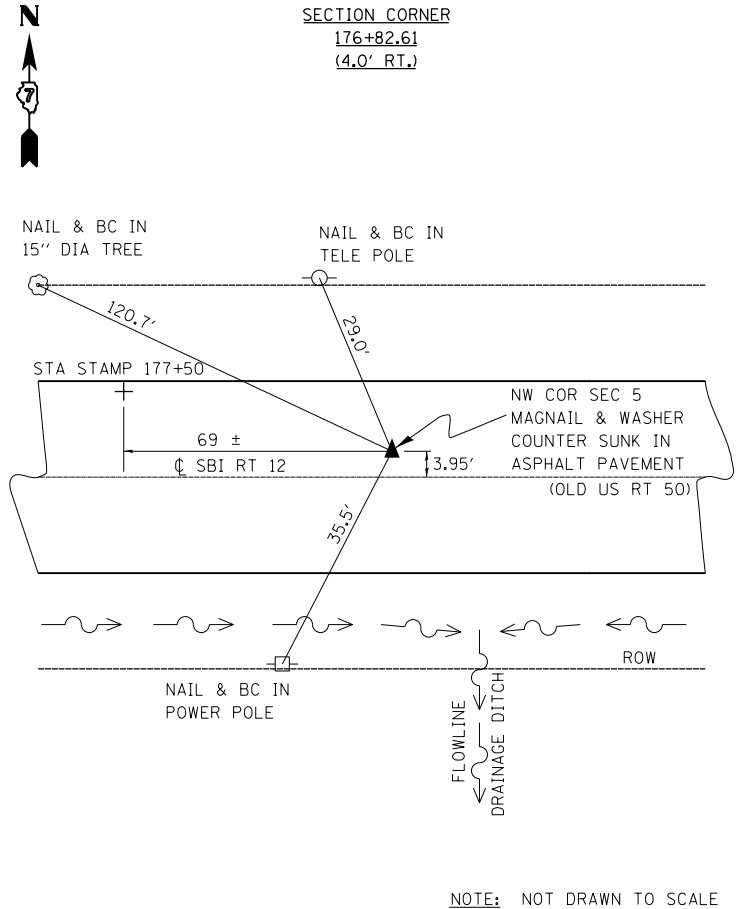
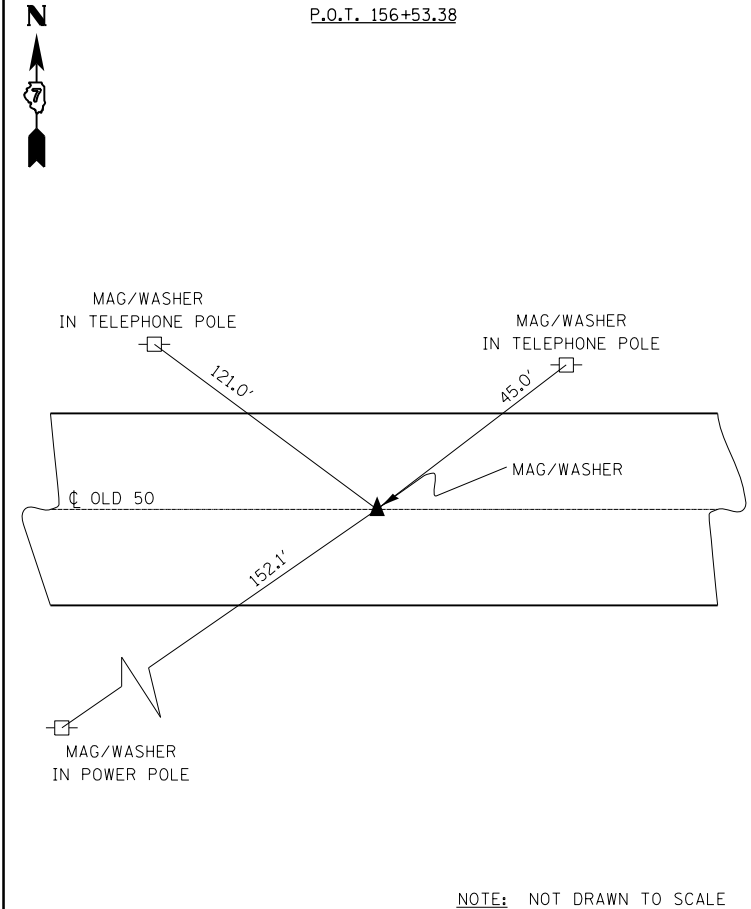
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	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/6/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SURVEY TIES

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2704	(11,12)RS-2	CLAY	34	25
CONTRACT NO. 74513				
ILLINOIS FED. AID PROJECT				



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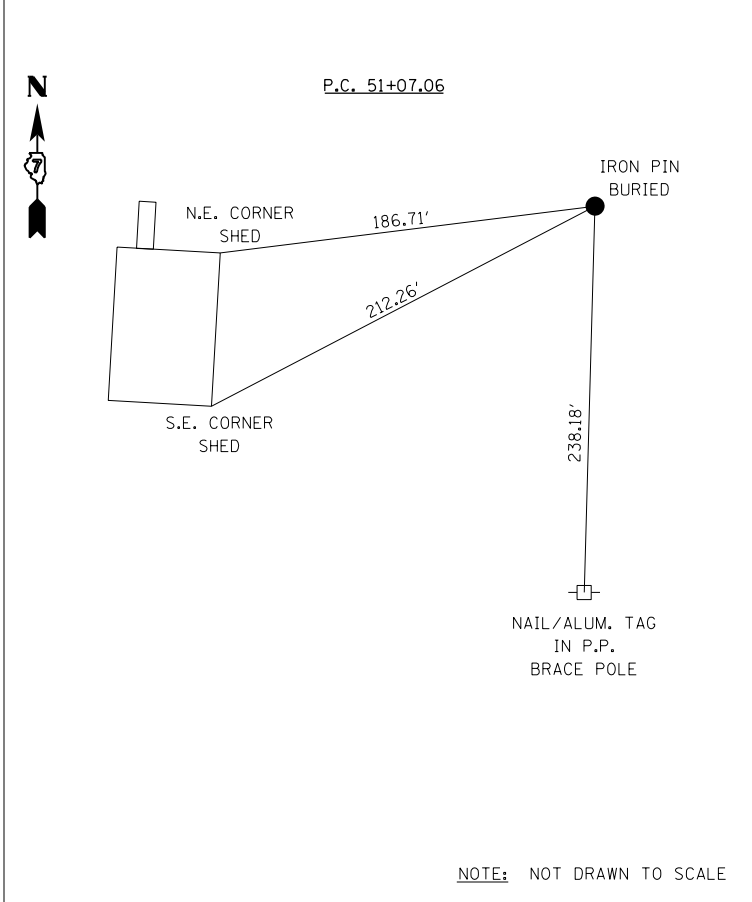
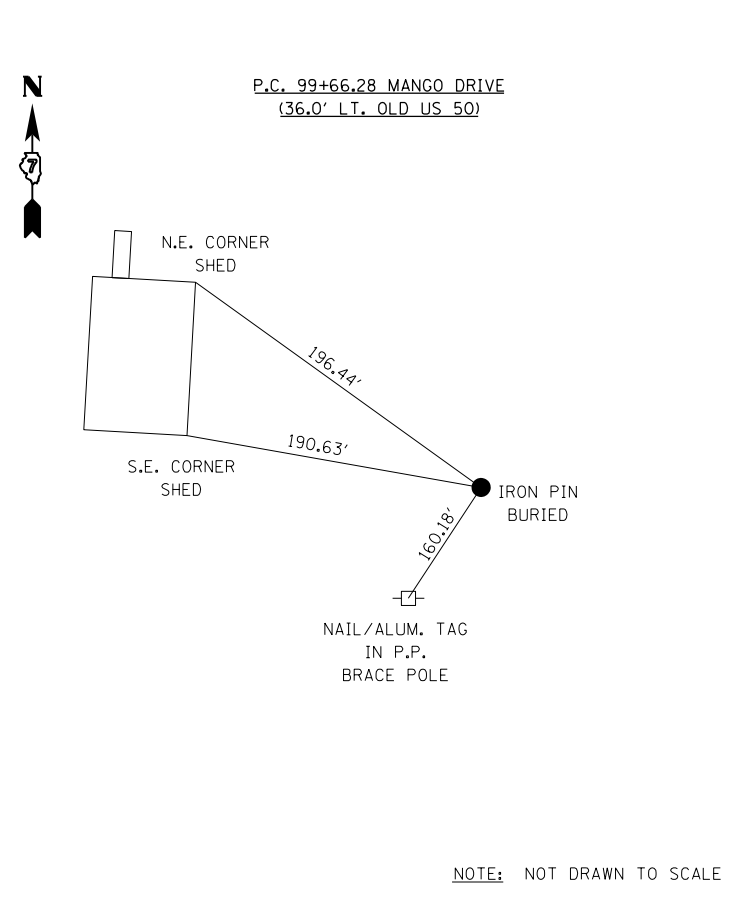
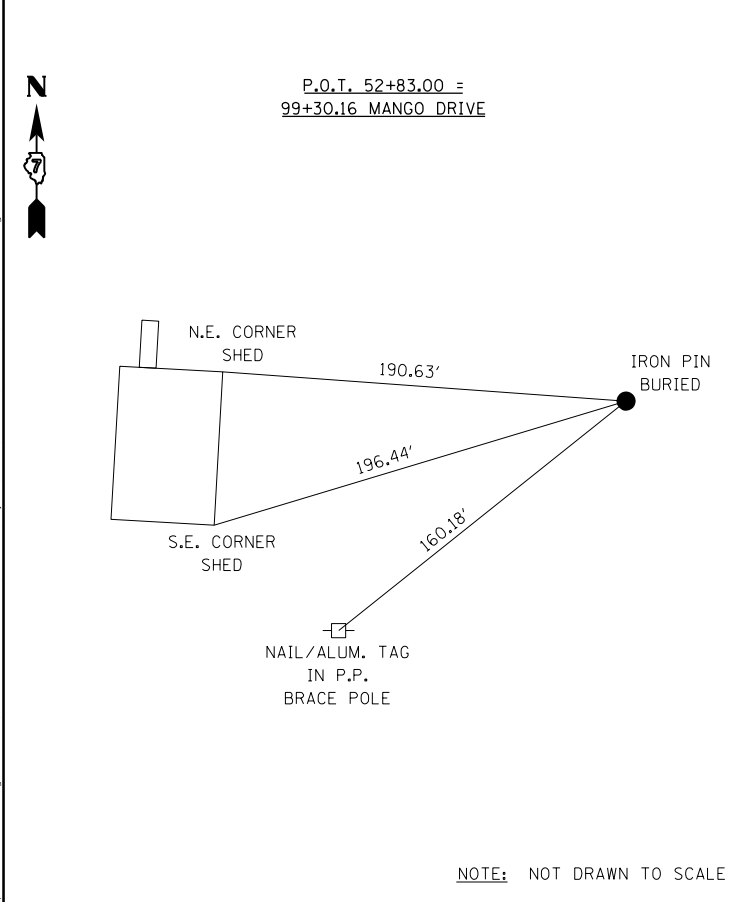
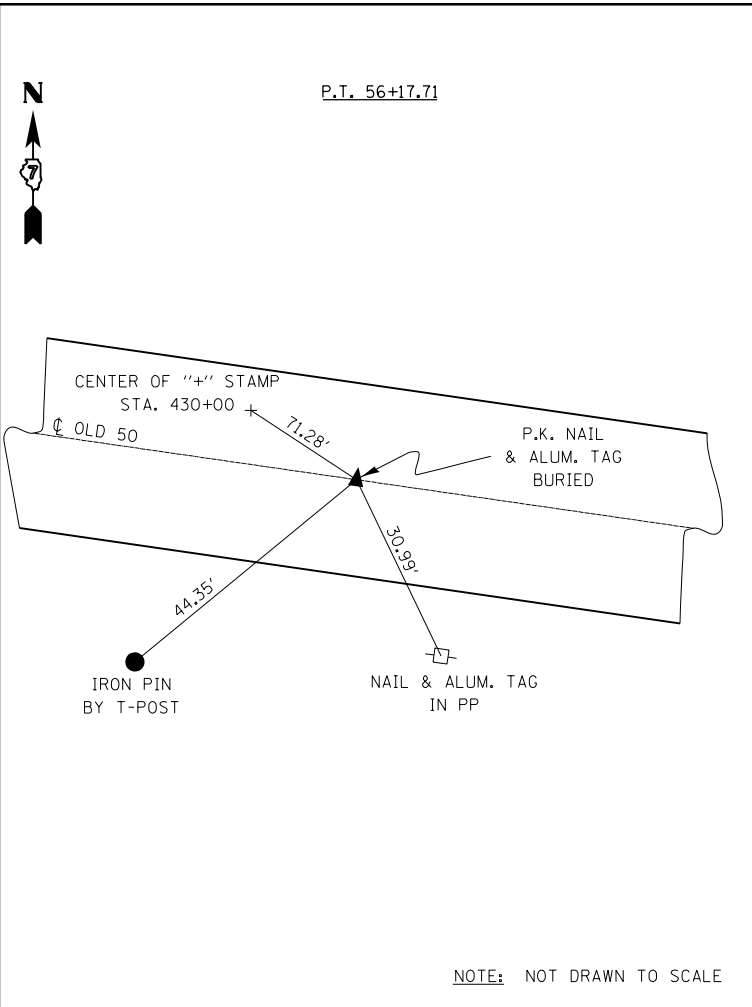
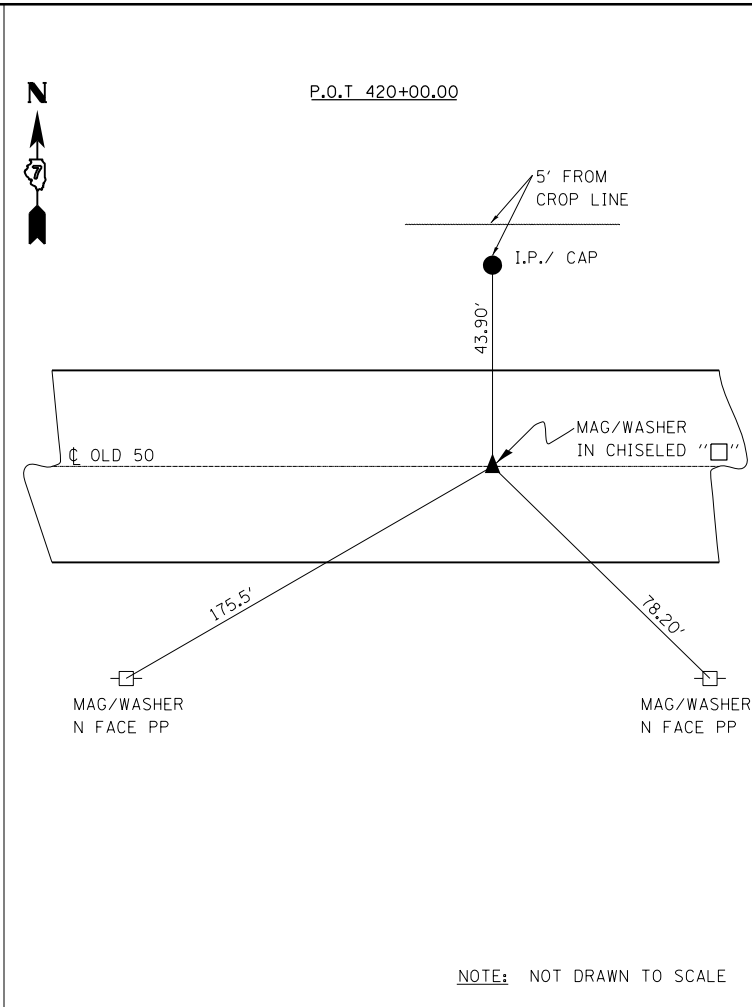
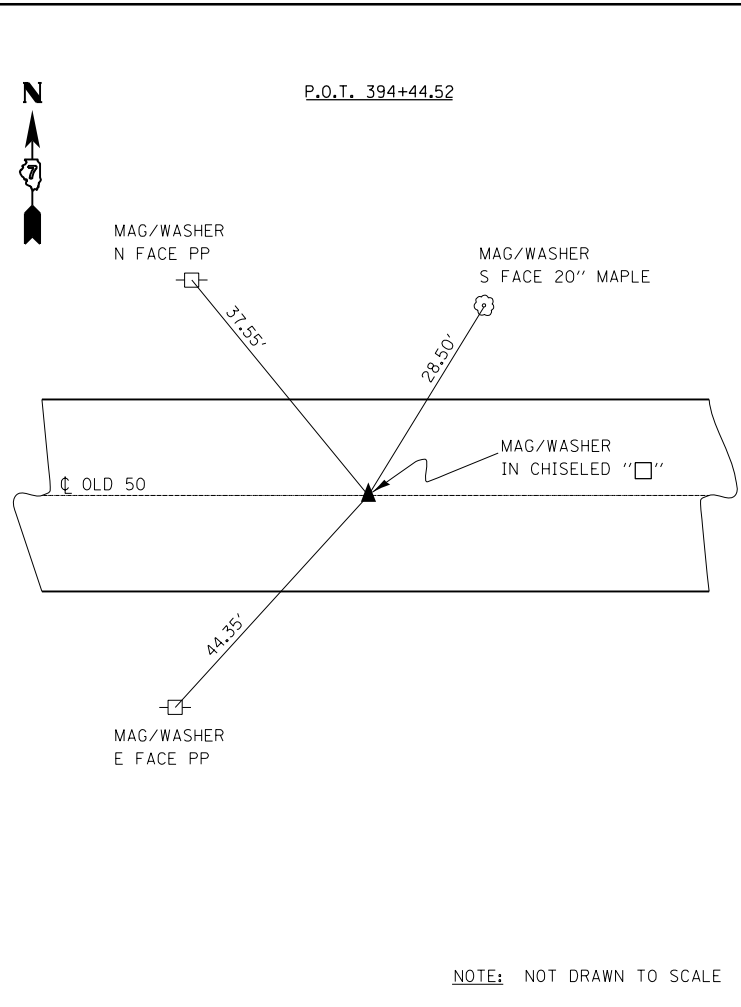
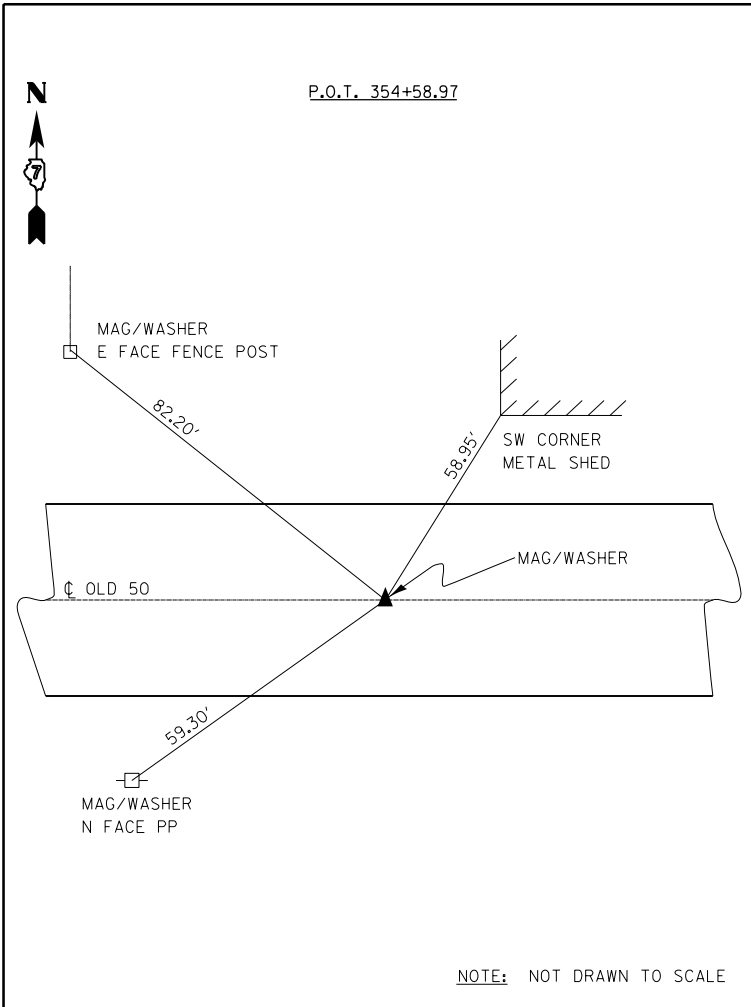
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SURVEY TIES

SCALE:	SHEET 2 OF 4 SHEETS	STA.	TO STA.
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2704	(11,12)R5-2	CLAY	34	26
CONTRACT NO. 74513				
ILLINOIS FED. AID PROJECT				



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DRAWN -	DRAWN -	REVISED -
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PLOT DATE = 12/6/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2704	(11,12)R5-2	CLAY	34	27
CONTRACT NO. 74513				
ILLINOIS FED. AID PROJECT				

POINT NO.	STATION	OFFSET	TYPE	DESCRIPTION	REPLACE WITH	PROTECTING OR RESETTING SURVEY MARKERS	PERMANENT SURVEY MARKERS, TYPE I
652	113+98.25	0	POT	MAG NAIL	ALUM. IDOT DISK	1	1
653	118+83.85	0	PC	MAG NAIL	ALUM. IDOT DISK	1	1
654	121+87.10	15.6 FT LT	PI	1/2" IP IN AGG SHLD OF OLD 50	IP	1	
655	124+88.45 BK = 124+92.20 AH	0	PT	MAG NAIL	ALUM. IDOT DISK	1	1
656	134+93.98	0	PC	MAG NAIL	ALUM. IDOT DISK	1	1
658	140+78.28 BK = 140+87.40 AH	0	PT	MAG NAIL	ALUM. IDOT DISK	1	1
659	146+73.91	1.5 FT LT CL JOINT	PC	MAG NAIL	ALUM. IDOT DISK	1	1
661	153+33.72 BK = 153+87.10 AH	1.1 FT LT	PT	MAG NAIL	ALUM. IDOT DISK	1	1
662	156+53.38	0	POT	MAG NAIL	ALUM. IDOT DISK	1	1
663	176+71.98	1.8 FT LT		RR SPIKE WITH HEAD GONE FOUND IN EB LANE	RR SPIKE	1	
664	176+82.61	4.0 FT RT	SECTION CORNER	MAG NAIL W/WASHER FOUND IN WB LANE	MAG NAIL W/WASHER	1	
702	318+16.91	0	POT	MAG NAIL	ALUM. IDOT DISK	1	1
701	325+99.76	0	PC	MAG NAIL	ALUM. IDOT DISK	1	1
700	335+91.26	0	PT	MAG NAIL	ALUM. IDOT DISK	1	1
666	345+68.00	0	PC	MAG NAIL	ALUM. IDOT DISK	1	1
667	349+00.00	14.8 FT LT	PI	1/2" IP WITH CAP FOUND	IP	1	
668	352+30.30	0	PT	MAGNAIL IN CL OLD US 50	ALUM. IDOT DISK	1	1
669	354+58.97	0	POT	MAGNAIL IN CL OLD US 50	ALUM. IDOT DISK	1	1
670	394+44.52	0	POT	MAGNAIL IN CL OLD US 50	ALUM. IDOT DISK	1	1
680	420+00.00	0	POT	MAGNAIL RESET IN CL OLD US 50	ALUM. IDOT DISK	1	1
672	56+17.71	0	PT	DISK FOUND IN CL OLD US 50	ALUM. IDOT DISK	1	1
673	52+83.00 = 99+30.16 MANGO DR	0	INTERSECT	DISK FOUND @ INT OLD US 50 & MANGO DRIVE	ALUM. IDOT DISK	1	1
674	99+66.28 MANGO DR	MANGO DR = 0 OLD US 50 = 36 FT LT	PC MANGO DR	DISK FOUND AT END OF MANGO DR @ STOP BAR	ALUM. IDOT DISK	1	1
677	51+07.06	0	PC OLD US 50	DISK FOUND NEAR STOP BAR/INT OLD US 50 AND US 50	ALUM. IDOT DISK	1	1
TOTALS =						24	20

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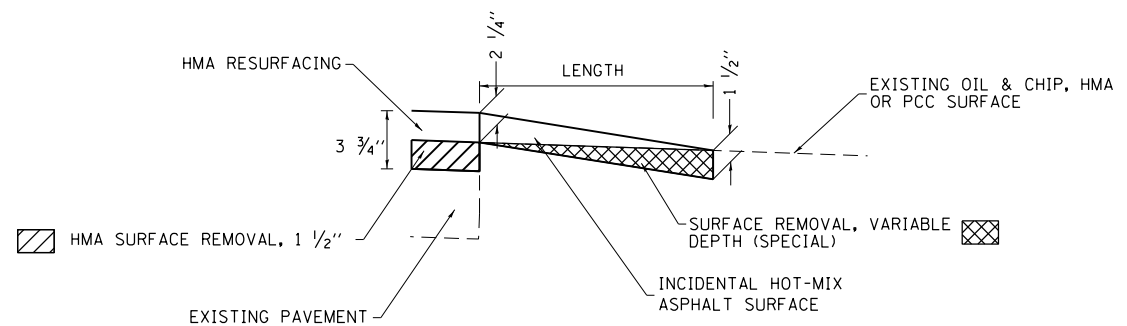
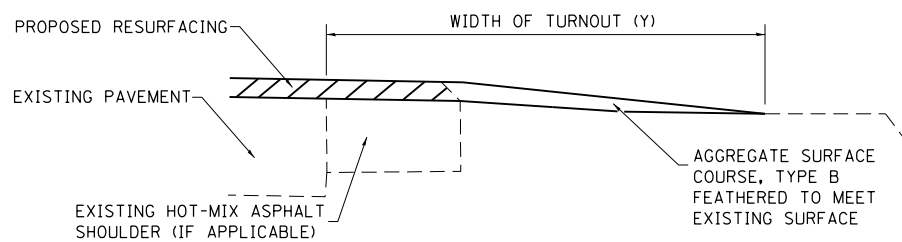
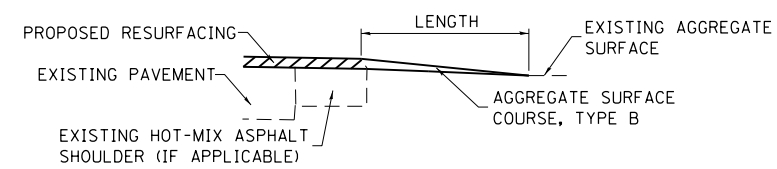
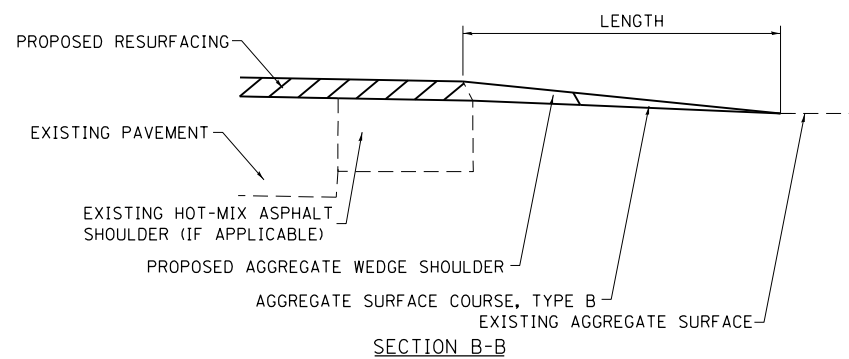
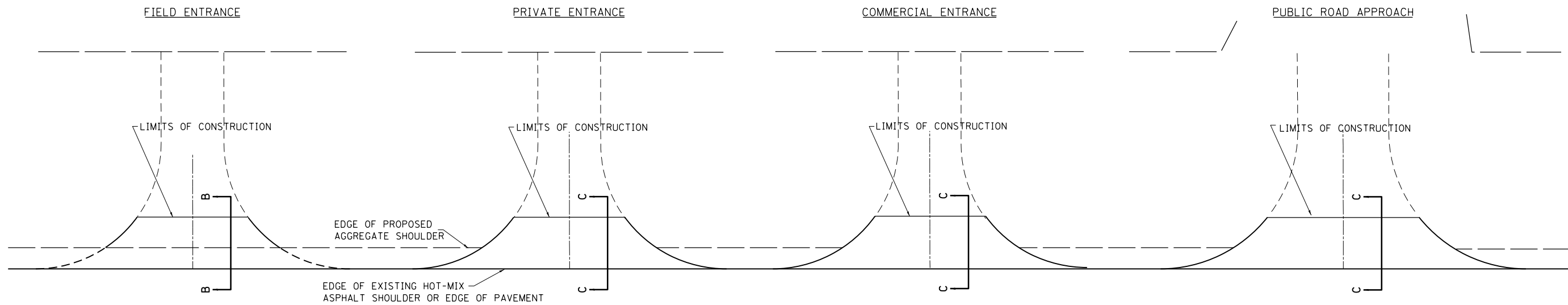
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	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/6/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SURVEY TIES

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2704	(11,12)R5-2	CLAY	34	28
CONTRACT NO. 74513				
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.

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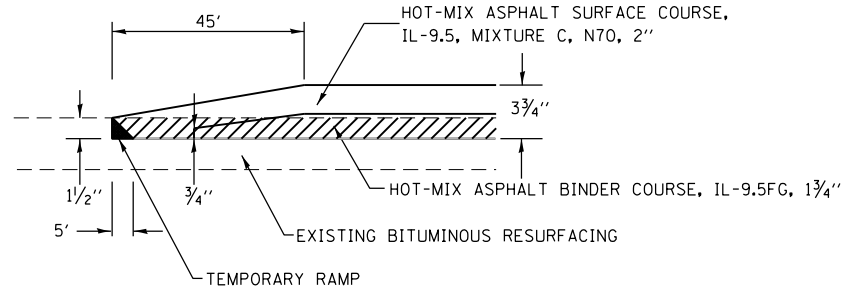
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PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/6/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

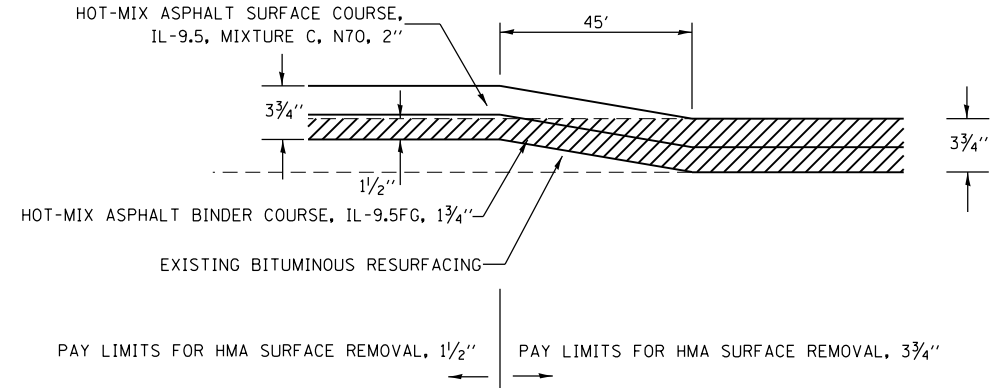
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F.A.S. RTE. 2704	SECTION (11,12)R5-2	COUNTY CLAY	TOTAL SHEETS 34	SHEET NO. 29
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74513	



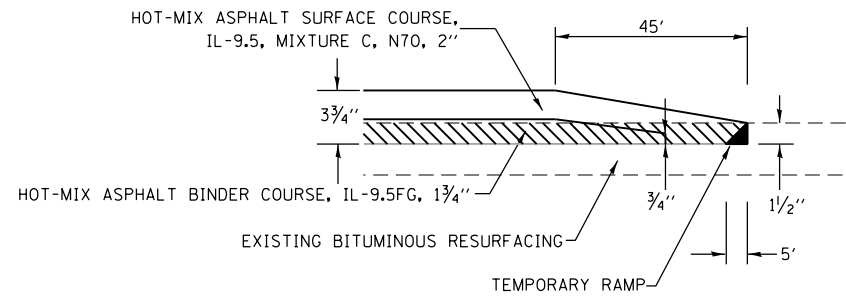
PAVING DETAIL

STA 38+86 TO STA 39+31
 STA 86+41 TO STA 86+86
 STA 129+32 TO STA 129+77
 STA 408+33 TO STA 408+78



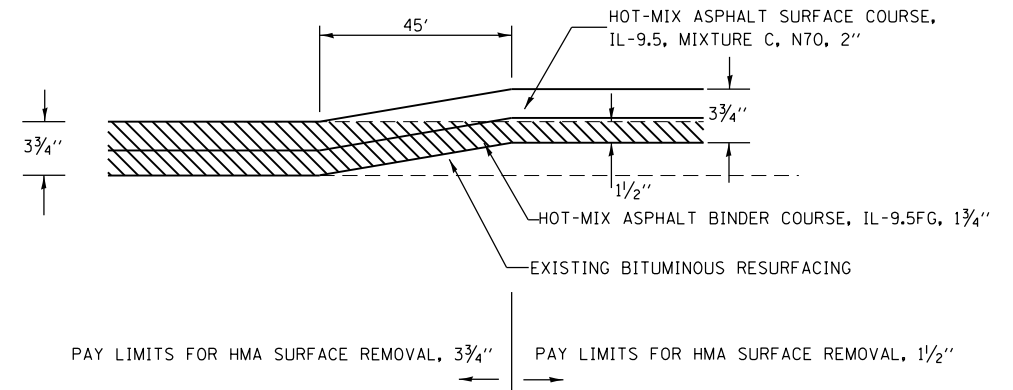
PAVING DETAIL

STA 139+50 TO STA 139+95
 STA 333+40 TO STA 333+85



PAVING DETAIL

STA 84+58 TO STA 85+03
 STA 127+36 TO STA 127+81
 STA 407+18 TO STA 407+63
 STA 51+20 TO STA 50+75



PAVING DETAIL

STA 148+99 TO STA 149+44
 STA 339+10 TO STA 339+55

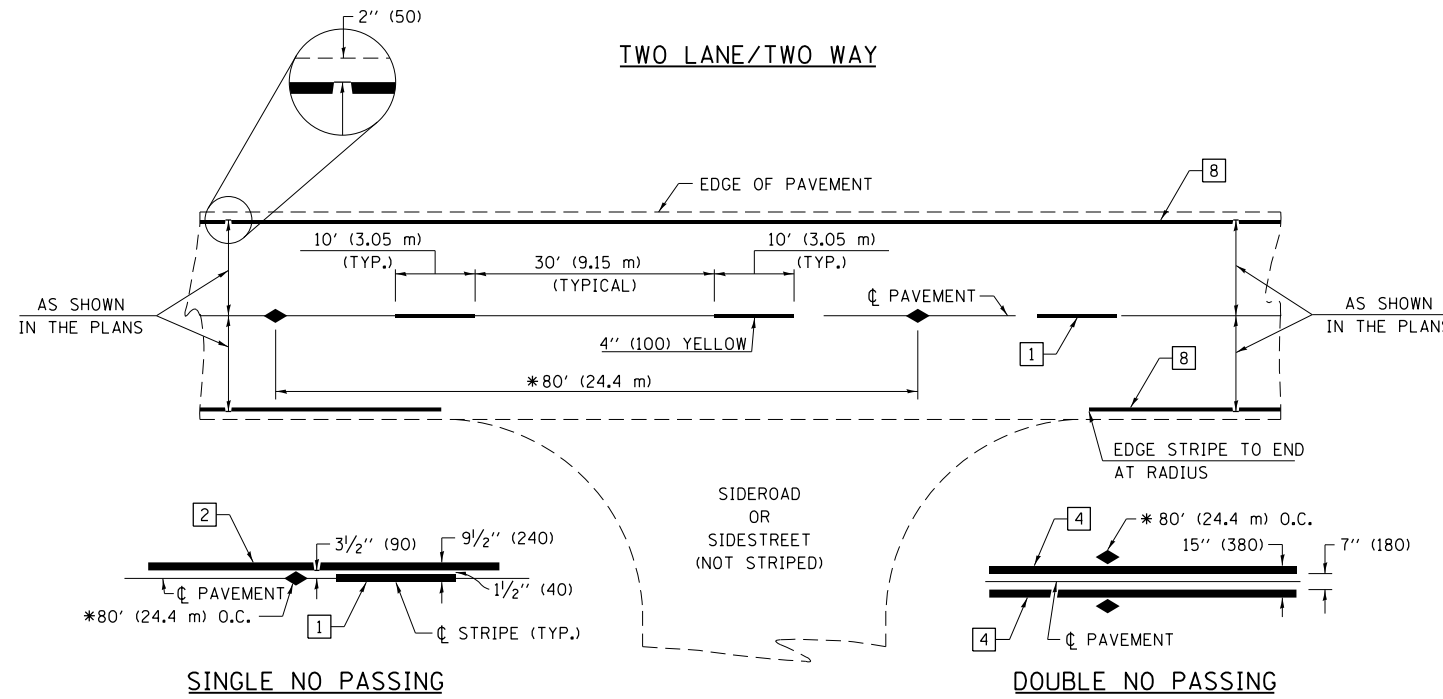
EXISTING HORIZONTAL CURVE DATA

PC STATION	PT STATION	PI STATION	Δ °-'	D °-'	R (FEET)	T (FEET)	L (FEET)	E (FEET)	SE (FT/FT)	SE TRANSITIONS			
										FROM STA	TO STA	FROM STA	TO STA
36+12.3	48+66.8	42+45.1	18-24	1-28	3906.8	632.8	1254.5	50.9	0.03	34+52.3	36+92.3	47+86.3	50+37.9
77+55.4	82+44.3	80+00	7-20	1-30	3819.8	244.6	458.9	7.9	0.03	75+95.4	78+35.4	81+64.3	84+04.6
88+62.3	93+66.5	91+17	20-10	4-0	1432.7	254.7	504.2	22.5	0.03	87+02.3	89+42.3	92+86.5	95+18.3
96+64.89	102+48.22	99+49	8-45	1-30	3819.8	292.3	583.3	11.2	0.03	95+18.3	97+44.9	101+60.3	103+05.65
103+63.03	110+16.36	106+90	6-32	1-00	5729.7	327	653.3	3.3	0.021	103+05.65	104+43.0	109+36.3	111+77.0
118+83.8	124+88.6	121+87	10-29	1-44	3305.7	303.2	604.8	13.9	0.035	117+23.8	119+63.8	124+08.6	126+50.27
134+92.6	140+76.8	137+90	26-29	4-30	126.42	297.4	584.2	34.6	0.068	133+32.6	135+72.6	139+96.8	142+47.4
146+72.3	153+31.8	150+28.1	52-46	8-00	716.3	355.8	656.5	83.2	0.08	145+12.3	147+52.3	152+51.8	155+47.1
228+53.5	236+27.94	232+43	15-29	2-00	2834.9	389.5	774.2	26.3	0.038	226+93.5	229+33.5	235+47.7	237+92.5
283+40.2	288+62.5	286+03	16-01	3-04	1868.8	262.8	522.3	18.6	0.053	281+80.2	284+20.2	287+82.5	290+23.8
325+98.7	335+98.7	331+00	10-00	1-00	5229.6	501.3	1000	21.9	0.021	324+38.7	326+78.7	335+18.7	337+81.3
345+68	332+30.2	349+00	9-56	1-30	3820	332	662.2	14.4	0.03	344+08.0	346+48.0	351+50.2	353+92.0
336+64.5	366+70.5	361+70	5-22	00-32	10743	503.5	1006.2	11.8	0.015	355+04.3	357+44.3	365+90.5	368+33.5
51+07.05	56+17.71	53+91.18	62-33	12-15	467.72	510.65	284.12	79.53	0.08	50+63.26	51+75.73	55+51.04	57+51.04

• EXISTING HORIZONTAL CURVE DATA WAS TAKEN FROM PREVIOUS CONSTRUCTION PLANS AND MAY NOT REFLECT CURRENT CONDITIONS

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVING DETAILS	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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Default	PLOT SCALE = 100.0000' / 1in.	DATE -	REVISED -			CONTRACT NO. 74513					
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ILLINOIS FED. AID PROJECT



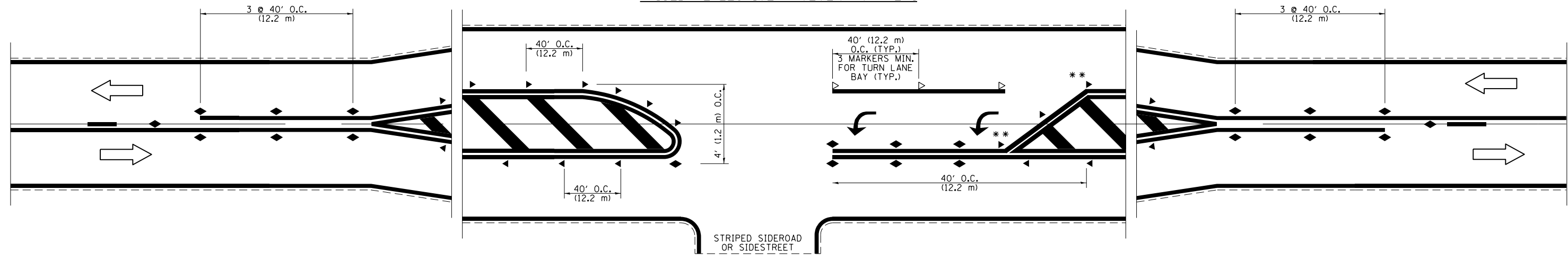
PAVEMENT MARKING LEGEND

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

RAISED REFLECTIVE PAVEMENT MARKERS



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

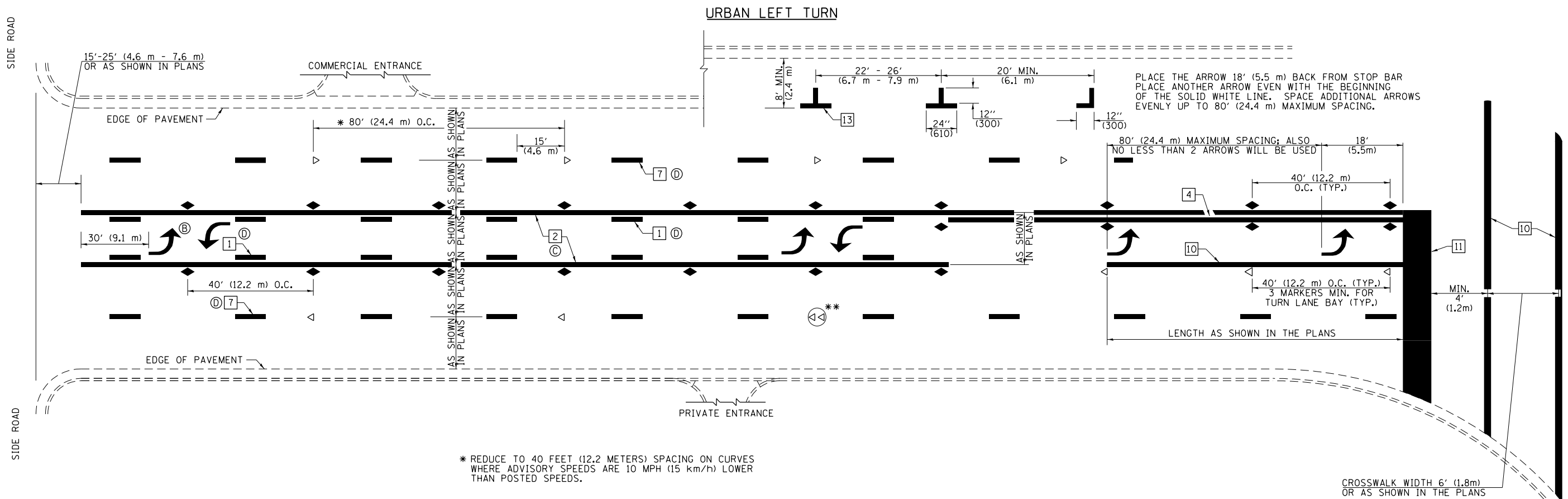
DISTRICT 7 DETAIL NO. 7800001				
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2704	(11.12)RS-2	CLAY	34	31
CONTRACT NO. 74513				
ILLINOIS FED. AID PROJECT				

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
pw:\planroom.dot.illinois.gov\PWIDOT\Documents\IDOT Offices\District 7\Projects\74513\DRAWING\CADsheets\0774513-sht-details.dgn		REVISOR =	REVISOR =
	PLOT SCALE = 100.0000' / 1" =	CHECKED -	REVISOR =
	PLOT DATE = 12/6/2019	DATE -	REVISOR =

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

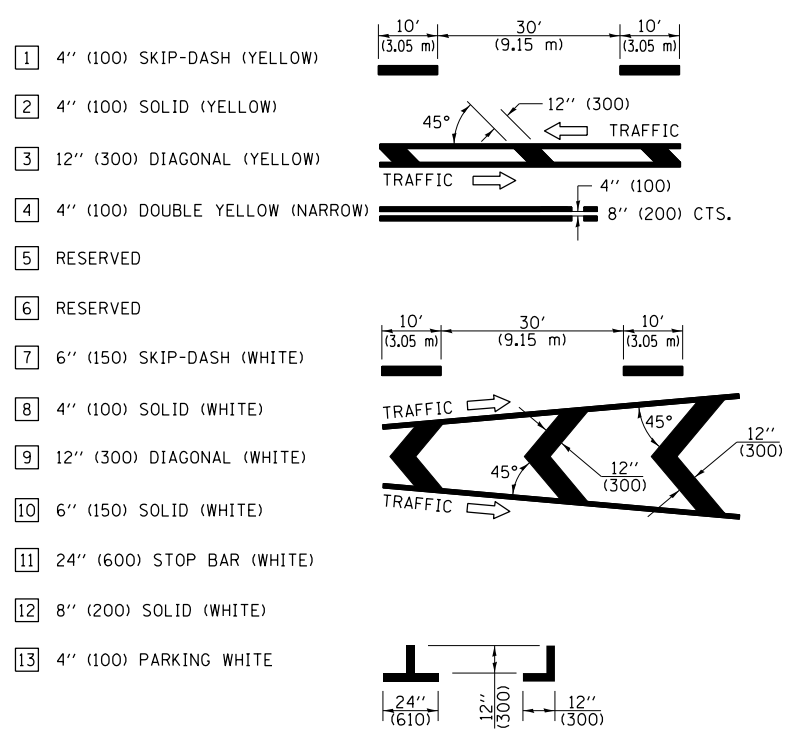
SCALE: NA SHEET NO. 1 OF 4 SHEETS STA. TO STA.



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

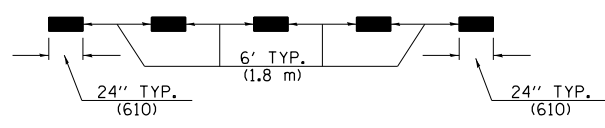
** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

PAVEMENT MARKING LEGEND

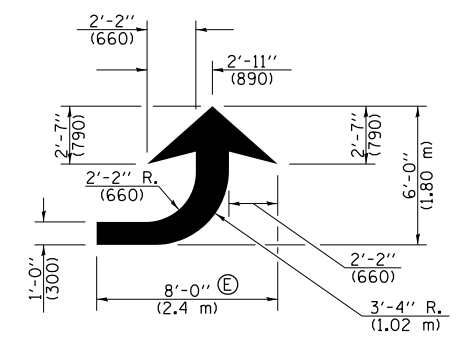


GENERAL NOTES

- TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE. USE A MINIMUM OF TWO PAIRS PER BLOCK.
- THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
- THE SKIP-DASH PAVEMENT MARKINGS [1] OR [7] SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER.
- USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)
- LANE LINE EXTENSIONS SHALL BE THE SAME COLOR AND WIDTH AS THE LANE LINE BEING EXTENDED.

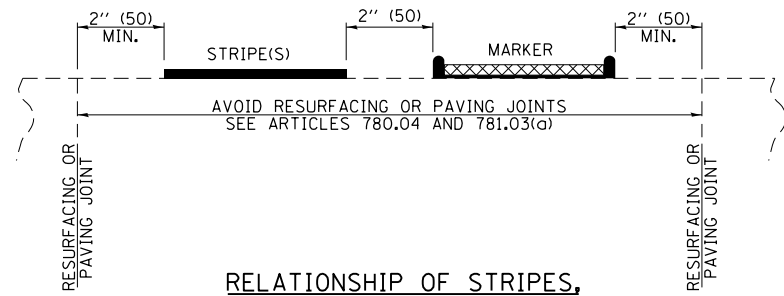


LANE LINE EXTENSIONS

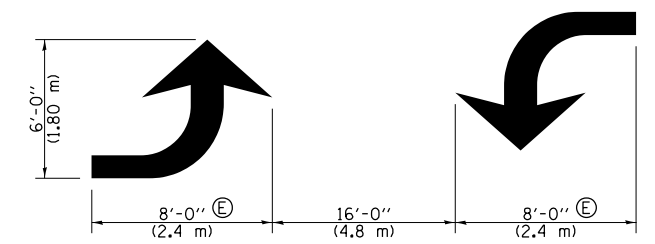


LEFT ARROW

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



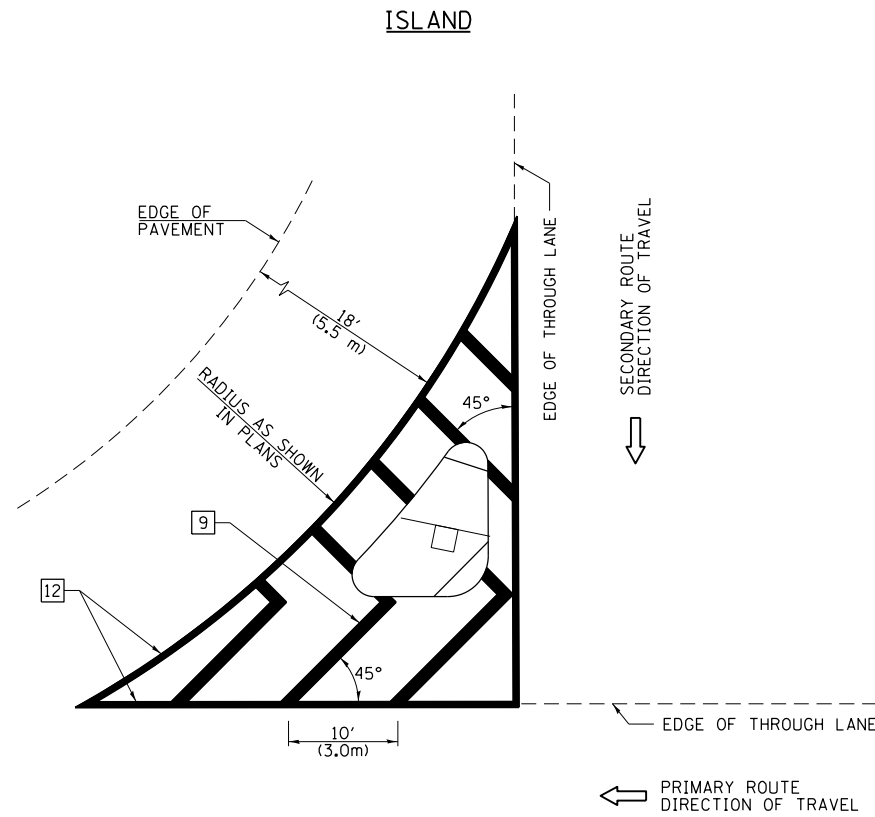
RELATIONSHIP OF STRIPES, MARKERS AND JOINTS



TYPICAL DOUBLE TURN ARROWS (WHITE)

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

FILE NAME =	USER NAME = steffennk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL & URBAN APPLICATIONS)	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\planroom.dot.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\74513\CDRAWN\CADsheets\0774513-sht-details.dgn	PLotted SCALE = 100.0000' / in.	CHECKED -	REVISED -			2704	(11.12RS-2)	CLAY	34	32	
	PLotted DATE = 12/6/2019	DATE -	REVISED -			CONTRACT NO. 74513					
						ILLINOIS FED. AID PROJECT					

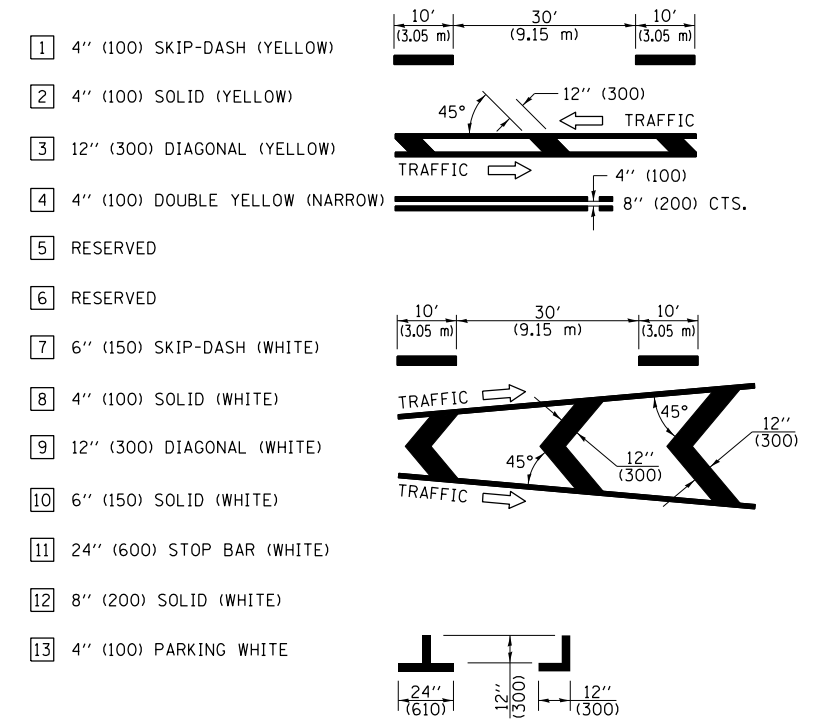


GENERAL NOTES

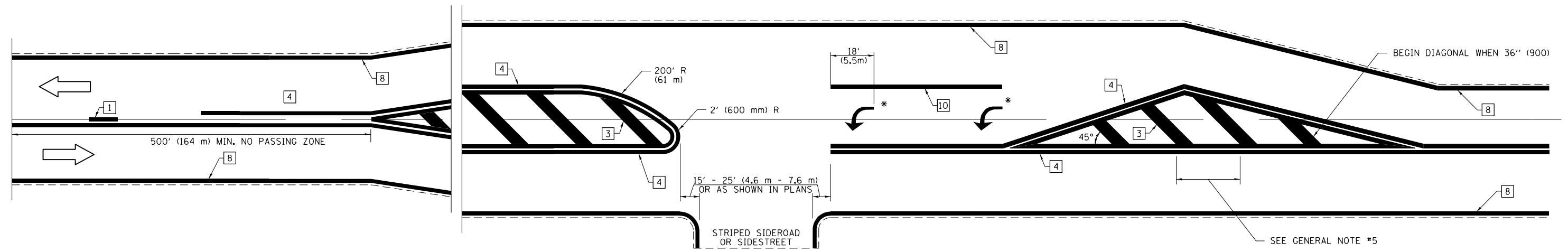
1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH [2] IF PRESENT.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING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

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

PAVEMENT MARKING LEGEND



RURAL LEFT TURN STRIPING



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

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

DISTRICT 7 DETAIL NO. 7800001

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 7\Projects\74513\DRAWING\CADsheets\0774513-sht-details.dgn		REVISION	REVISION
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 12/6/2019	DATE -	REVISED -

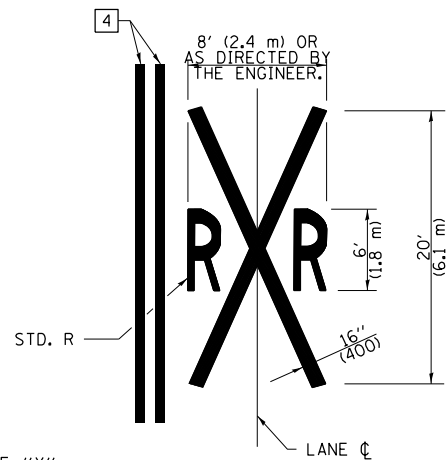
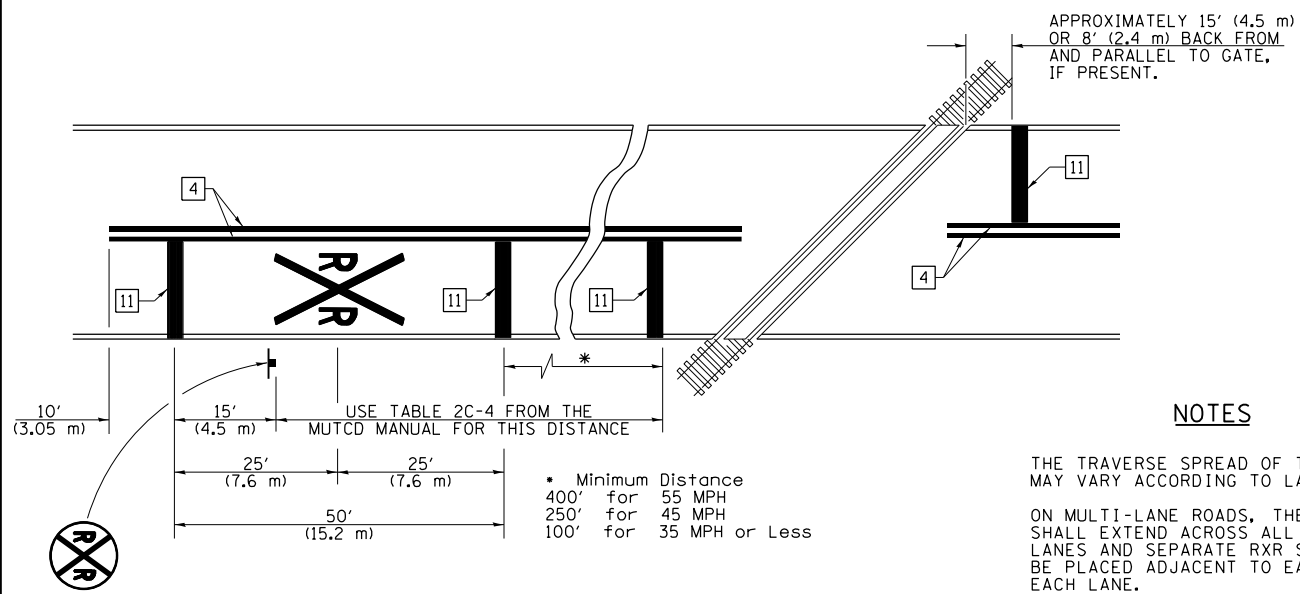
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2704	(11.12)RS-2	CLAY	34	33
CONTRACT NO. 74513			ILLINOIS FED. AID PROJECT	

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING



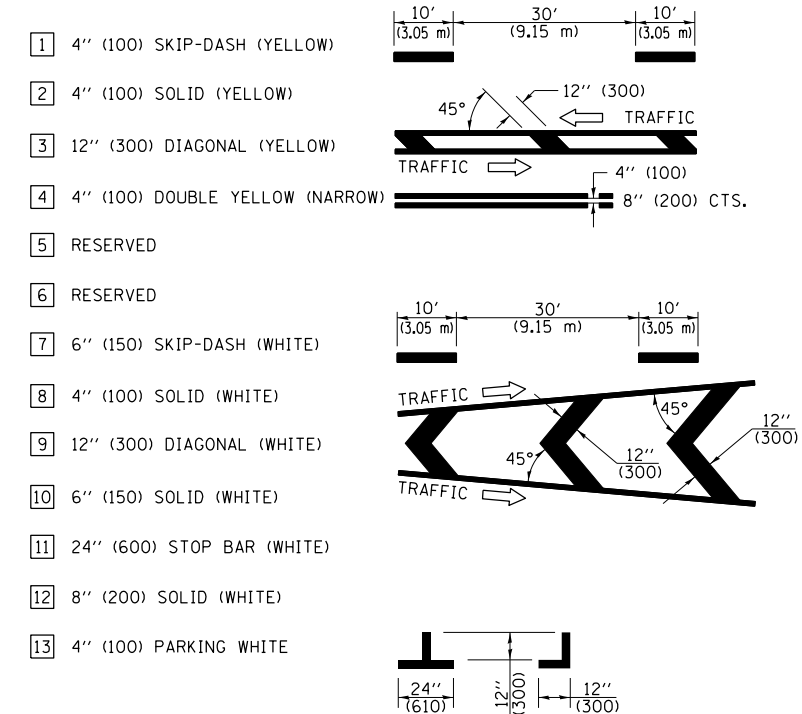
NOTES

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

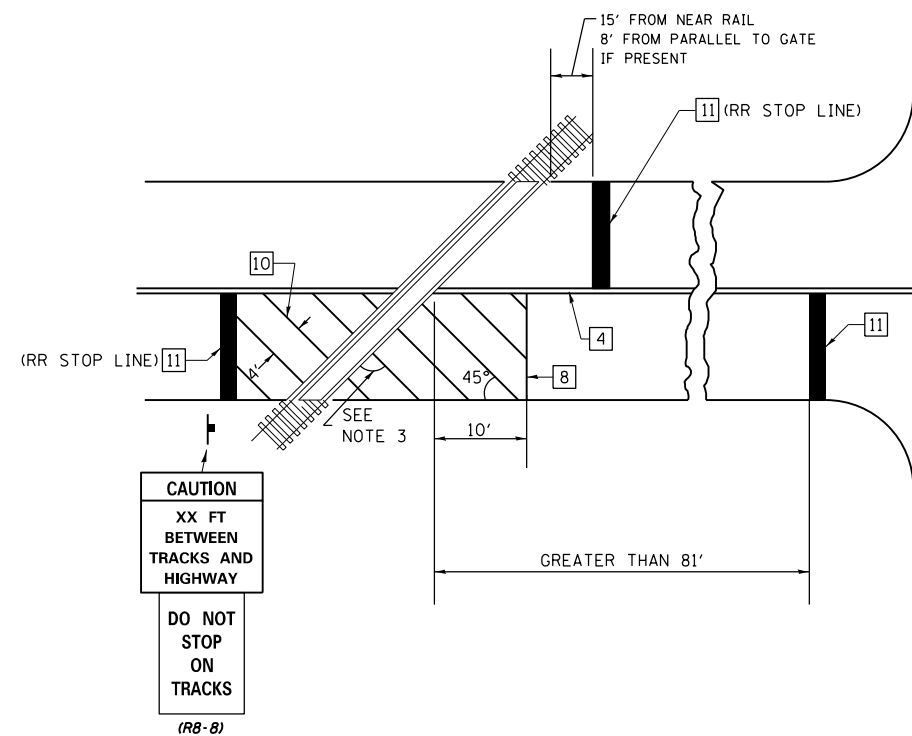
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

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

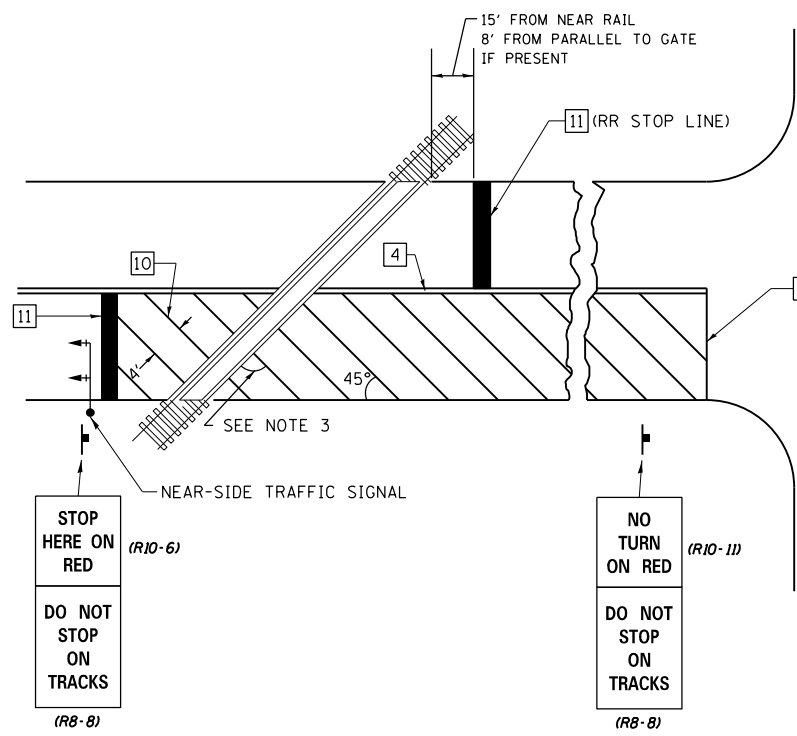
PAVEMENT MARKING LEGEND



RAILROAD CROSSING WITH INTERCONNECT ONLY



RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



GENERAL NOTES

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

SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

NOT TO SCALE

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

DISTRICT 7 DETAIL NO. 7800001

FILE NAME =	USER NAME = steffennk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL & URBAN APPLICATIONS)	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 7\Projects\74513\CAD\CAD sheets\0774513-sht-details.dgn		REVISOR -	REVISED -			2704	(11.12)RS-2	CLAY	34	34
		CHECKED -	REVISED -			CONTRACT NO. 74513				
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
				SCALE: NA	SHEET NO. 4 OF 4 SHEETS	STA.	TO STA.			