

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE			
CODE NO	ITEM	UNIT		0004 80% FED 20% STATE ROADWAY	0021 80% FED 20% STATE T. SIGNALS	0021 100% VILLAGE OF ANTIOCH EVP	
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	64	64			
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	192	192			
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	548	548			
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	441	441			
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	924	924			
55100500	STORM SEWER REMOVAL 12"	FOOT	150	150			
55100700	STORM SEWER REMOVAL 15"	FOOT	300	300			
55101200	STORM SEWER REMOVAL 24"	FOOT	900	900			
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	12	12			
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	150	150			
60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	3800	3800			
60201330	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	10	10			
60208230	CATCH BASINS, TYPE C, TYPE 23 FRAME AND GRATE	EACH	10	10			
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5	5			

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60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2			
60500040	REMOVING MANHOLES	EACH	6	6			
60500050	REMOVING CATCH BASINS	EACH	3	3			
60500060	REMOVING INLETS	EACH	7	7			
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	5.5	5.5			
60600605	CONCRETE CURB, TYPE B	FOOT	380	380			2
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	3210	3210			
X6061461	PAVED DITCH (VARIABLE)	SO YD	150	150			
60622800	CONCRETE MEDIAN, TYPE SM-6.12	SO FT	1653	1653			
60623200	CONCRETE MEDIAN, TYPE SM-6.24	SO FT	2645	2645			
63200310	GUARDRAIL REMOVAL	FOOT	350	350			
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	2650	2650			
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	6	6			
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1			
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1			

REVISED SHEET 4/8/2021 * SPECIALTY ITEM

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USER NAME = Velichkovv	DESIGNED -	REVISED -
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PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/5/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
US ROUTE 45 AT IL ROUTE 173 (ROSECRANS ROAD)			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	(39 & 41)N-3	LAKE	107	5
CONTRACT NO. 60T11			ILLINOIS FED. AID PROJECT	

REV-SEP

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CODE NO	ITEM	UNIT		0004 80% FED 20% STATE ROADWAY	0021 80% FED 20% STATE T. SIGNALS	0021 100% VILLAGE OF ANTIOCH EVP	
* 89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1		1		
* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	9		9		
* A2007064	TREE, MALUS PRAIRIE ROSE (PRAIRIE ROSE CRABAPPLE), 1-1/2" CALIPER	EACH	16	16			
* B2001616	TREE, CRATAEGUS CRUSGALLI INERMIS (THORN LESS COCKSPUR)	EACH	23	23			
* B2006379	TREE, SYRINGA RETICULATA SUMMER SNOW (SUMMER SNOW JAPANES)	EACH	9	9			
X0300249	REMOVE EXISTING GATE	EACH	2	2			
* X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	294		294		
* X1400107	FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET	EACH	1		1		
* X1400150	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1		1		
X2010350	TREE REMOVAL, ACRES (SPECIAL)	ACRE	0.8	0.8			
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	1	1			
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	13	13			
X4024000	TEMPORARY ACCESS (FIELD ENTRANCE)	EACH	1	1			

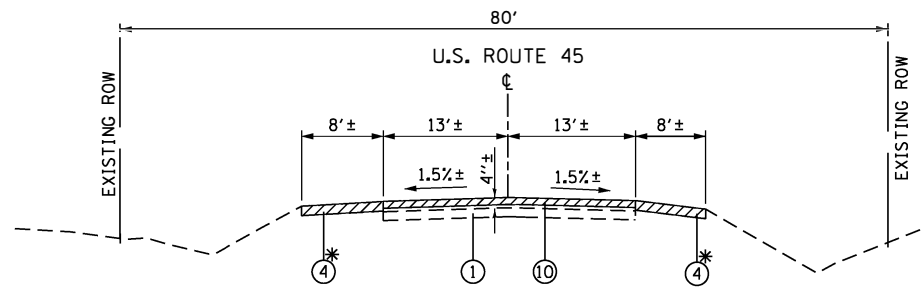
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CODE NO	ITEM	UNIT		0004 80% FED 20% STATE ROADWAY	0021 80% FED 20% STATE T. SIGNALS	0021 100% VILLAGE OF ANTIOCH EVP	
X4404000	PARKING LOT PAVEMENT REMOVAL	SO YD	10165	10165			
* X5424505	FLUSH INLET BOX FOR MEDIAN, STANDARD 542546, SPECIAL	EACH	1	1			
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	10	10			△
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1			
* X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1		1		
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1			
□ Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	2	2			
Z0022800	FENCE REMOVAL	FOOT	1770	1770			
* Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	102.8	102.8			
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	6980	6980			
Z0062456	TEMPORARY PAVEMENT	SO YD	400	400			
Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1	1			
□ Z0076600	TRAINEES	HOURS	500	500			
□ Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOURS	500	500			
70400100	TEMPORARY CONCRETE BARRIER	FOOT	4600	4600			
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	3600	3600			△
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	16	16			
70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	16	16			

△ REVISED SHEET 4/8/2021

□ NON-PART 100% STATE

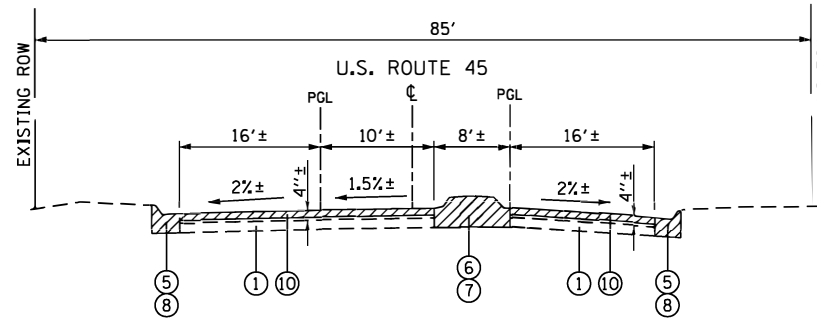
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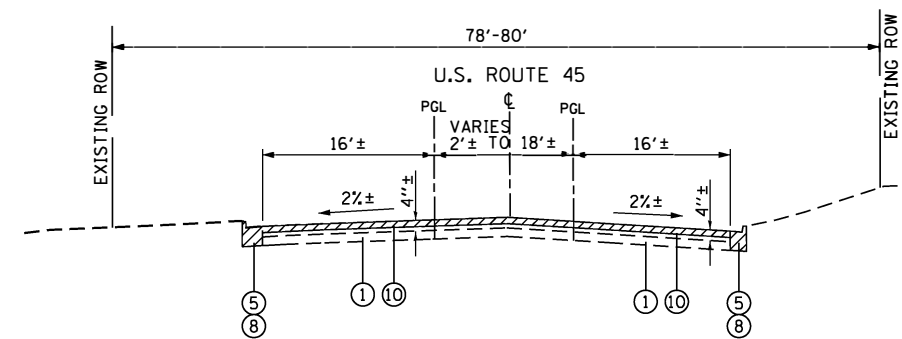


*NOTE: AGGREGATE SHOULDER REMOVAL (PAID FOR AS EARTH EXCAVATION)

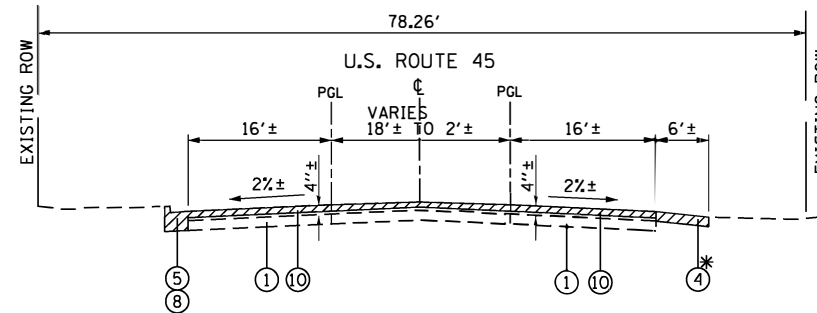
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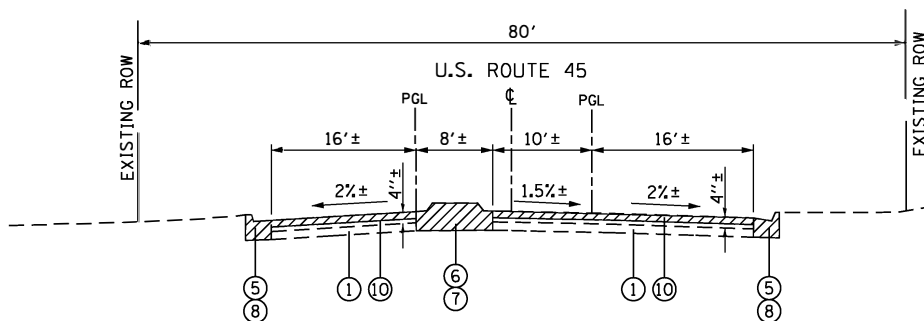
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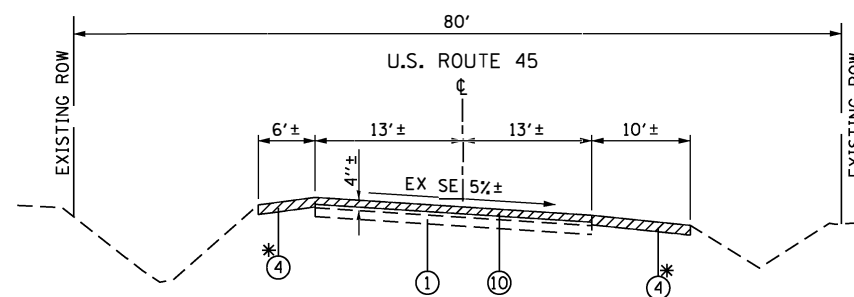
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STA. 194+03 TO STA. 198+19



EXISTING TYPICAL SECTION
STA. 201+75 TO STA. 205+26



EXISTING TYPICAL SECTION
STA. 198+19 TO STA. 199+54



EXISTING TYPICAL SECTION
STA. 205+26 TO STA. 209+97

LEGEND:

- ① EXIST. HMA BASE COURSE, 9"±
- ② EXIST. HMA OVERLAY, 2"± (AFTER MILLING)
- ③ EXIST. PAVED SHOULDER
- ④ EXIST. AGGREGATE SHOULDER
- ⑤ EXIST. COMB. CONC. C&G
- ⑥ EXIST. CONCRETE MEDIAN
- ⑦ PROP. MEDIAN REMOVAL
- ⑧ PROP. COMB. CONC. C&G REMOVAL
- ⑨ PROP. PAVED SHOULDER REMOVAL
- ⑩ PROP. HMA SURFACE REMOVAL, 2 1/2"
- ⑪ PROP. POLYMERIZED HMA SURFACE COURSE, MIX "E", IL-9.5, N70, 1 3/4"
- ⑫ PROP. POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"
- ⑬ PROP. HMA BASE COURSE, 8 1/2"
- ⑭ PROP. AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ⑮ PROP. CONCRETE MEDIAN, TYPE M-6.12
- ⑯ PROP. CONCRETE MEDIAN, TYPE M-6.24
- ⑰ PROP. COMB. CONC. CURB & GUTTER, TYPE B-6.24
- ⑱ PROP. HMA SHOULDER, 8"
- ⑲ PROP. AGGREGATE WEDGE SHOULDER, TYPE B
- ⑳ PROP. SUBBASE GRANULAR MATERIAL, TYPE C, 3"
- ㉑ PROP. TOPSOIL AND SEEDING/SODDING (SEE LANDSCAPING PLANS)
- ㉒ PROP. AGGREGATE SUBGRADE IMPROVEMENT (SEE SUBGRADE TREATMENT NOTES)

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE USES	DESIGN AIR VOIDS e _{NDES}	QMP

PAVEMENT WIDENING AND RESURFACING		
POLYMERIZED HMA SURFACE COURSE, MIX "E", N70, (IL-9.5 mm)	4% AT 70 GYR.	QCP
POLYMERIZED HMA BINDER COURSE, IL-4.75, N50	3.5% AT 50 GYR.	QC/QA
HMA BASE COURSE (HMA BINDER IL-19.0 mm), 8 1/2"	4% AT 70 GYR.	QC/QA

TEMPORARY PAVEMENT		
TEMPORARY PAVEMENT (HMA BINDER IL-19.0 mm), 11"	4% AT 70 GYR.	QC/QA

PATCHING		
CLASS D PATCHES, (HMA BINDER IL-19.0 mm)	4% AT 70 GYR.	QC/QA

HMA SHOULDERS, 8"		
HMA SURFACE COURSE, MIX "D", N70, (IL-9.5 mm), 1 3/4"	4% AT 70 GYR.	QC/QA
HMA BINDER (IL-19.0 mm), 6 1/4"	4% AT 70 GYR.	QC/QA

DRIVEWAYS		
HMA SURFACE COURSE, MIX "D", N50, (IL-9.5 mm)	4% AT 50 GYR.	QC/QA
HMA BASE COURSE, (HMA BINDER IL-19.0 mm), 8" & 6"	4% AT 50 GYR.	QC/QA

QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA);
QUALITY CONTROL FOR PERFORMANCE (QCP)

NOTES:

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURES QUANTITIES IS 112 LBS/SQ YD/IN.
THE "AC TYPE FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.
FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS.
QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.
THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLYMERIZED LEVELING BINDER.

REVISION 2 REVISED SHEET 4/8/2021

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USER NAME = Velichkovv	DESIGNED -	REVISED -
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DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED TYPICAL SECTIONS
US ROUTE 45 AT IL ROUTE 173 (ROSECRANS ROAD)

SCALE: SHEET OF SHEETS STA. TO STA.

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