

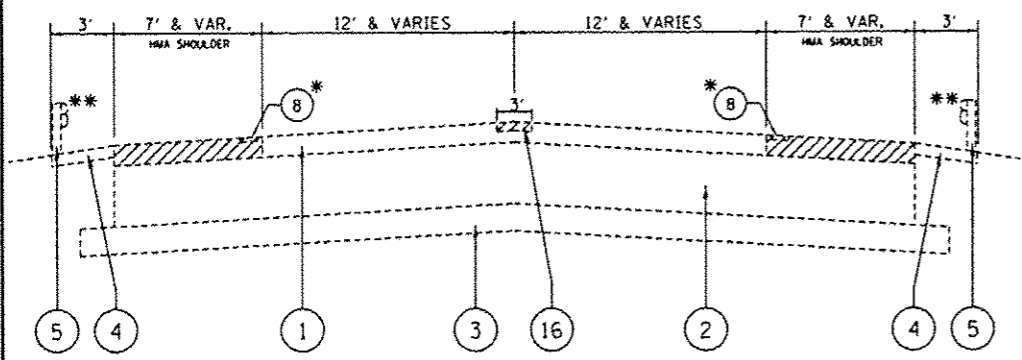
SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE				SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE			
CODE NO	ITEM	UNIT	TOTAL QUANTITIES					CODE NO	ITEM	UNIT	TOTAL QUANTITIES				
				0005								0005			
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SO YD	28946	28946				70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1			
40600895	CONSTRUCTING TEST STRIP	EACH	1	1				* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	24601	24601			
44004250	PAVED SHOULDER REMOVAL	SO YD	13670	13670				78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1685	1685			
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	2367	2367				* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	30	30			
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SO YD	28799	28799				* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	15	15			
*63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	2388	2388				78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1517	1517			
*63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	2	2				X2020110	GRADING AND SHAPING SHOULDERS	UNIT	592	592			
*63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	15	15				X4406030	PARTIAL DEPTH REMOVAL, TYPE 1, 3"	SO YD	11481	11481			
63200310	GUARDRAIL REMOVAL	FOOT	1993	1993				X4421000	PARTIAL DEPTH PATCHING	TON	1929	1929			
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	94566	94566				X4810200	AGGREGATE SHOULDER REMOVAL	CU YD	6267	6267			
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6				* X7800815	HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE - 4 INCH	FOOT	44143	44143			
67100100	MOBILIZATION	L SUM	1	1				Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	51.4	51.4			
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	1				* 66900200	NON-SPECIAL WASTE DISPOSAL RUMBLE STRIP	CU YD FOOT	9800 34430	9800 34430			
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1				* 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1			
								* 66900530	SOIL DISPOSAL ANALYSIS	EACH	10	10			

URBAN
90% FED
10% STATE

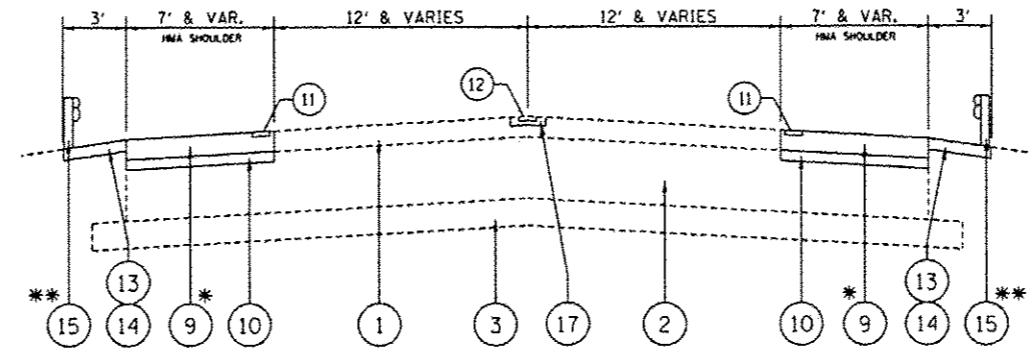
URBAN
90% FED
10% STATE

* 66900200 NON-SPECIAL WASTE DISPOSAL RUMBLE STRIP CU YD 9800 9800
 * 66900450 SPECIAL WASTE PLANS AND REPORTS L SUM 1 1
 * 66900530 SOIL DISPOSAL ANALYSIS EACH 10 10

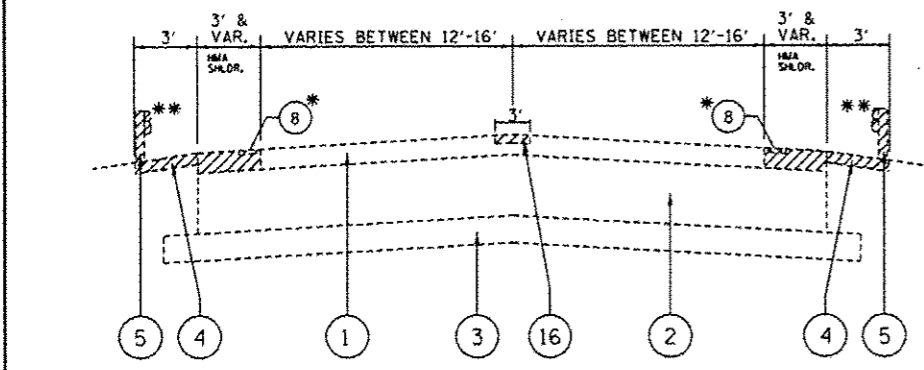
Rev. 6-3-14
 * SPECIALTY ITEMS
 NON-PARTICIPATING ITEMS



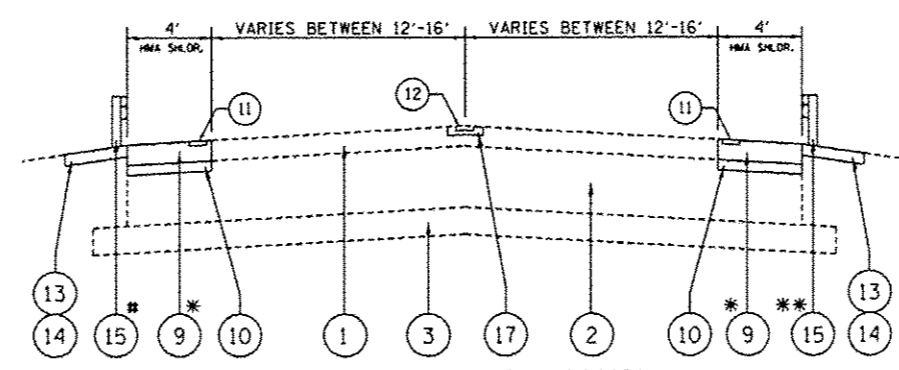
EXISTING TYPICAL SECTION
STA. 3+62 TO 4+88



PROPOSED TYPICAL SECTION
STA. 3+62 TO 4+88



EXISTING TYPICAL SECTION
STA. 4+88 TO 124+65
STA. 127+40 TO 176+56
STA. 231+93 TO 238+21
STA. 250+92 TO 292+92
STA. 311+95 TO 388+22
STA. 411+78 TO 437+40



PROPOSED TYPICAL SECTION
STA. 4+88 TO 125+64
STA. 127+40 TO 176+56
STA. 231+93 TO 238+21
STA. 250+92 TO 292+92
STA. 311+95 TO 388+22
STA. 411+78 TO 437+40

LEGEND:

- ① EXIST. BITUMINOUS SURFACE, ±6"
- ② EXIST. P.C.C. PAVEMENT, ±9"
- ③ EXIST. STABILIZED SUB-BASE
- ④ EXIST. AGGREGATE SHOULDERS
- ⑤ EXIST. GUARDRAIL
- ⑥ EXIST. GRASS MEDIAN
- ⑦ EXIST. BARRIER MEDIAN
- ⑧ EXIST. RUMBLE STRIPS
- ⑨ PROP. HOT-MIX ASPHALT SHOULDER, 8"
- ⑩ PROP. SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- ⑪ PROP. SHOULDER RUMBLE STRIPS (8" WIDE)
- ⑫ PROP. CENTERLINE RUMBLE STRIPS (16" WIDE)
- ⑬ PROP. GRADING AND SHAPING SHOULDERS (WHERE NECESSARY)
- ⑭ PROP. AGGREGATE WEDGE SHOULDERS, TYPE B (WHERE NECESSARY)
- ⑮ PROP. STEEL PLATE BEAM GUARDRAIL
- ⑯ PROP. PARTIAL DEPTH REMOVAL, 3"
- ⑰ PROP. PARTIAL DEPTH PATCHING
- ▨ DENOTES ITEMS TO BE REMOVED

MIXTURE REQUIREMENTS FOR SHOULDER RECONSTRUCTION

MIXTURE TYPE	AIR VOIDS @ Ndes	OMP
HOT-MIX ASPHALT BINDER COURSE, 6" (HMA BINDER, 1L-19MM)	4% @ 70 GYR.	OCP
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 2" (1L-9.5MM)	4% @ 70 GYR.	OCP
OMP DESIGNATION: QUALITY CONTROL FOR PERFORMANCE (OCP)		

NOTES:

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT 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 (OMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE

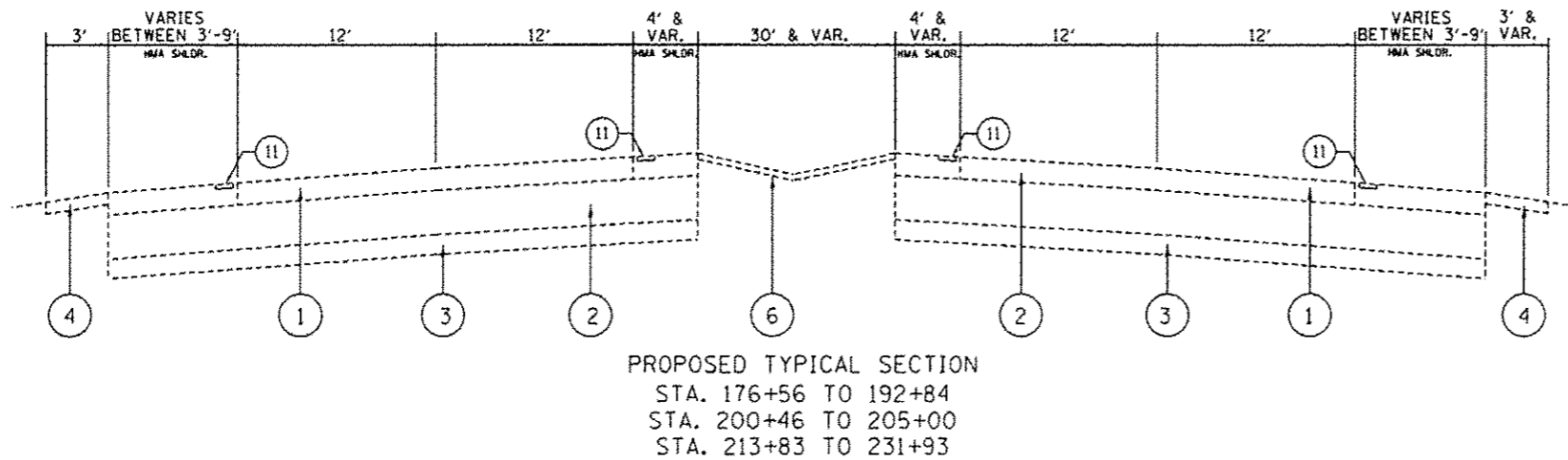
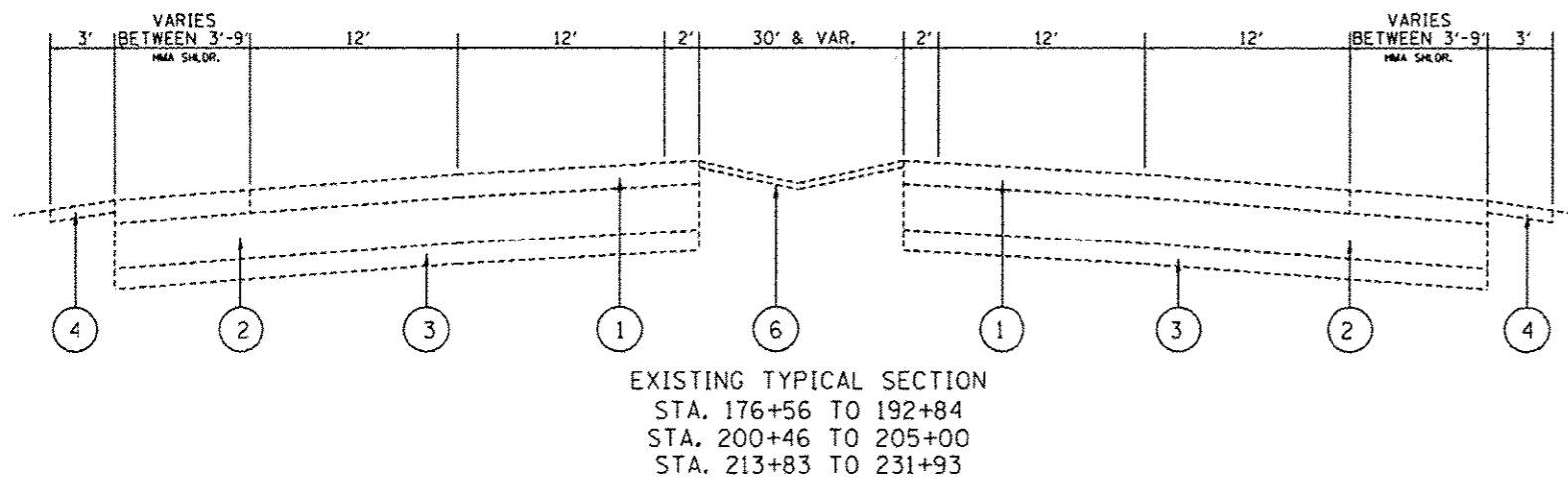
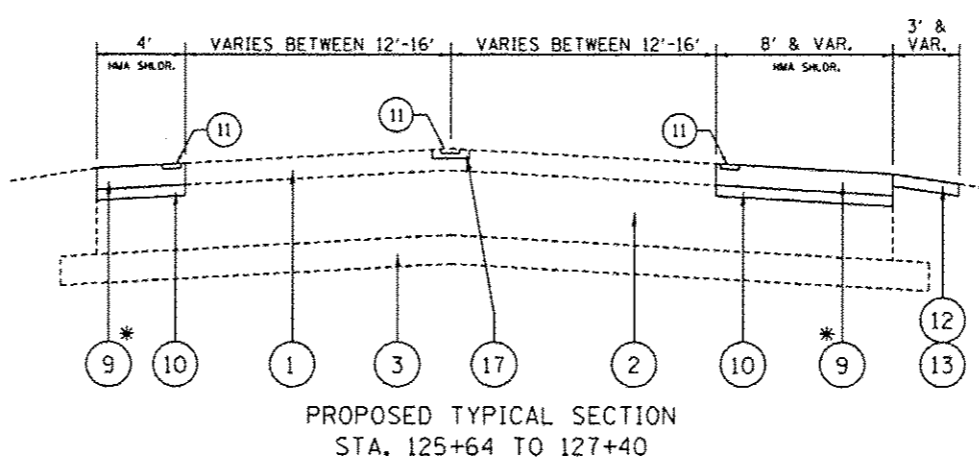
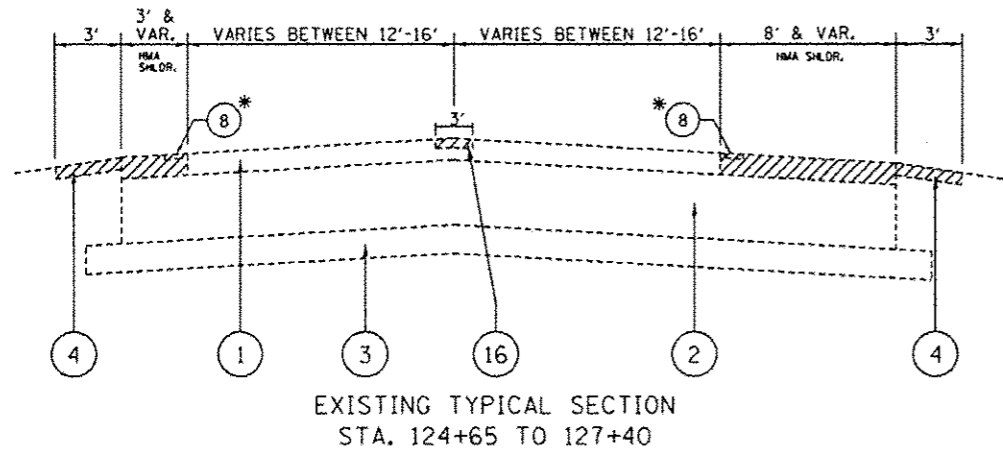
NOTE:

- **EXISTING GUARDRAIL**
- WESTBOUND
STA. 3+62 TO 4+88
STA. 29+28 TO 33+65
STA. 88+41 TO 89+88
STA. 119+31 TO 123+26
STA. 136+86 TO 138+32
- EASTBOUND
STA. 3+62 TO 4+90
STA. 86+30 TO 90+28
STA. 136+22 TO 137+66
STA. 291+85 TO 292+92
STA. 292+92 TO 305+07
- # PROPOSED GUARDRAIL**
- WESTBOUND
STA. 3+62 TO 4+88
STA. 29+28 TO 33+65
STA. 88+41 TO 89+88
STA. 119+31 TO 123+26
STA. 136+86 TO 138+32
- EASTBOUND
STA. 3+62 TO 4+90
STA. 86+30 TO 90+28
STA. 136+22 TO 137+66
- *EXISTING RUMBLE STRIPS**
STA. 3+46 TO 127+40
- THE PROPOSED GUARDRAIL MUST BE REINSTALLED WITHIN 5 DAYS OF THE EXISTING GUARDRAIL

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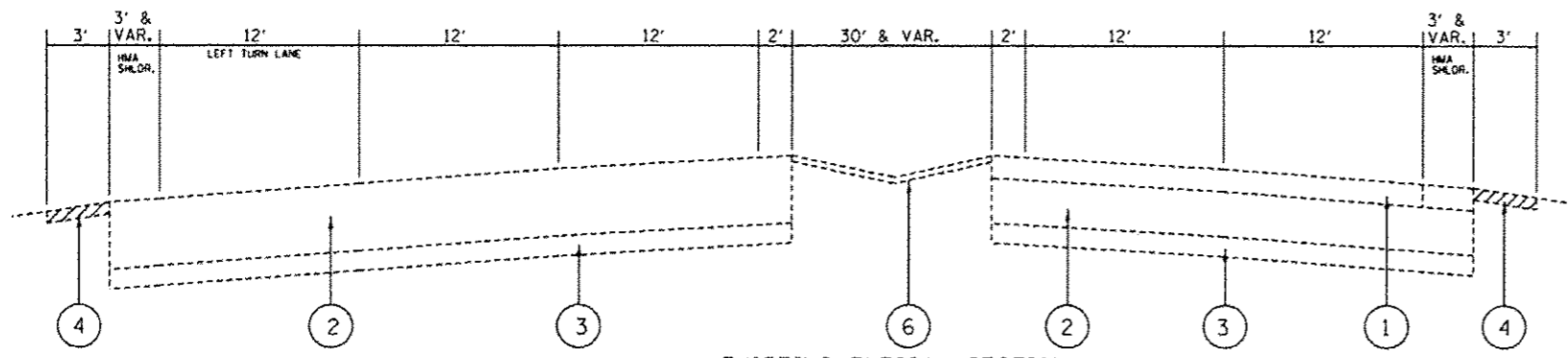
LEGEND:

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- ② EXIST. P.C.C. PAVEMENT, ±9"
- ③ EXIST. STABILIZED SUB-BASE
- ④ EXIST. AGGREGATE SHOULDERS
- ⑤ EXIST. GUARDRAIL
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- ⑰ PROP. PARTIAL DEPTH PATCHING
- ▨ DENOTES ITEMS TO BE REMOVED

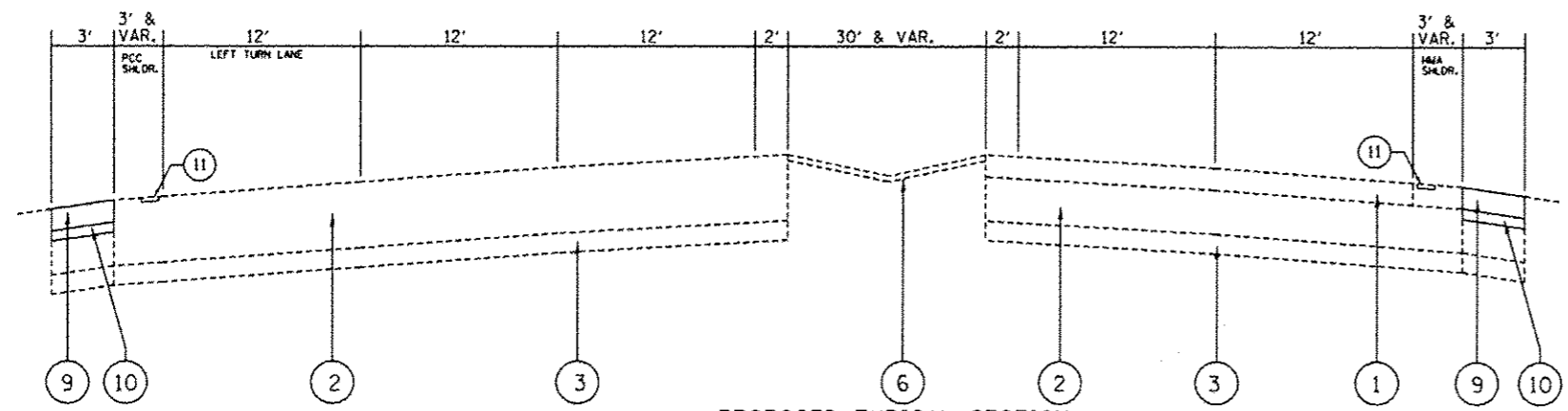


A Rev. Sheet 6-3-14

FILE NO. 10015	USER NAME: ated20	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED TYPICAL SECTIONS	F.A.P. RTE. 305	SECTION 2013-046 SR	COUNTY MC HENRY	TOTAL SHEETS 44	SHEET NO. 5
c:\new_work\p105\10015\10015.dwg	PLT SCALE = 1/8" = 1'-0"	DRAWN -	REVISED -		FAP 305/US 14 (NORTHWEST HWY.)--BUNKER HILL RD. TO IL 47 (EASTWOOD DR.)					CONTRACT NO. 60W91
	PLT DATE = 5/30/2014	CHECKED -	REVISED -		SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



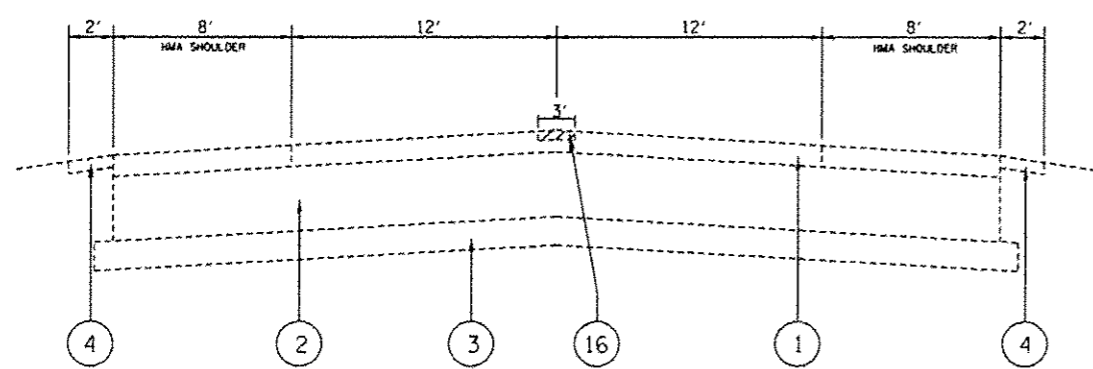
EXISTING TYPICAL SECTION
STA. 207+18 TO 213+83



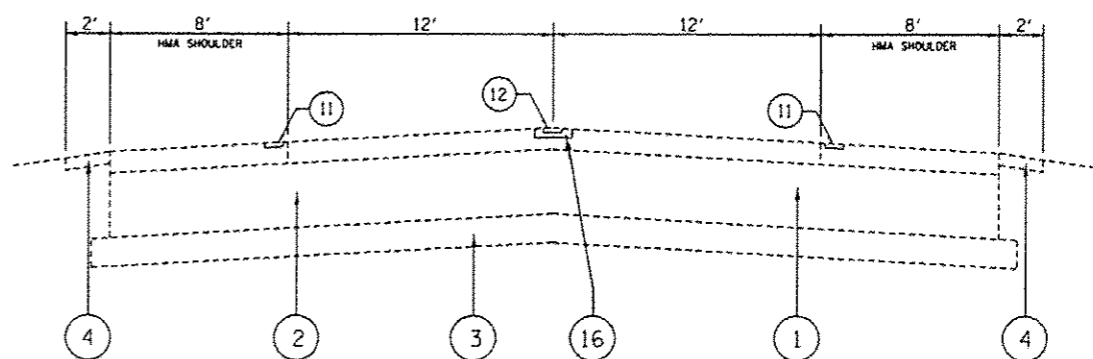
PROPOSED TYPICAL SECTION
STA. 207+18 TO 213+83

LEGEND:

- ① EXIST. BITUMINOUS SURFACE, ±6"
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EXISTING TYPICAL SECTION
STA. 238+21 TO 250+92



PROPOSED TYPICAL SECTION
STA. 238+21 TO 250+92

Rev. sheet 6-3-14

FILE NAME: \\pwwork\pwwork\steppa\02369602-0148	USER NAME: steppa	DESIGNED: []	REVISED: []	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED TYPICAL SECTIONS		F.A.P. RTE. 305	SECTION 2013-046 SR	COUNTY MC HENRY	TOTAL SHEETS 44	SHEET NO. 8	
					FAP 305/US 14 (NORTHWEST HWY.)--BUNKER HILL RD. TO IL 47 (EASTWOOD DR.)				CONTRACT NO. 60W91			
					SCALE: []		SHEET NO. 1 OF 1 SHEETS		STA. [] TO STA. []		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	