

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70		EFFINGHAM	1760	1761
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 74295		

*25-4IR AND (25-4HVB-1)BY (25-4)BR
** 1760+8 = 1768

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PLANS FOR PROPOSED
HIGHWAY IMPROVEMENT

FAI ROUTE 57/70 (I-57/70) AND FAI ROUTE 57/70 (I-57/70)
SECTION (25-4)R AND SECTION (25-4)BR
(25-4HVB-1)BY

PROJECT NHPP-000S(940)
EFFINGHAM COUNTY

US ROUTE 45 AND NORTH TRI LEVEL INTERCHANGE RECONSTRUCTION,
BRIDGE, LIGHTING, TRAFFIC SIGNALS,
AND BRIDGE REPAIR

C-97-041-08

SECTION (25-4HVB-1)BY INCLUDES THE EXTENSION OF THE EXISTING Y-SHAPED SINGLE CELL BOX CULVERT. THE NORTH BRANCH WILL BE EXTENDED WITH A 10' X 8' REINFORCED CONCRETE BOX CULVERT. THE SOUTH BRANCH WILL BE EXTENDED WITH A 17' X 10' REINFORCED CONCRETE BOX CULVERT.
SN 025-8648

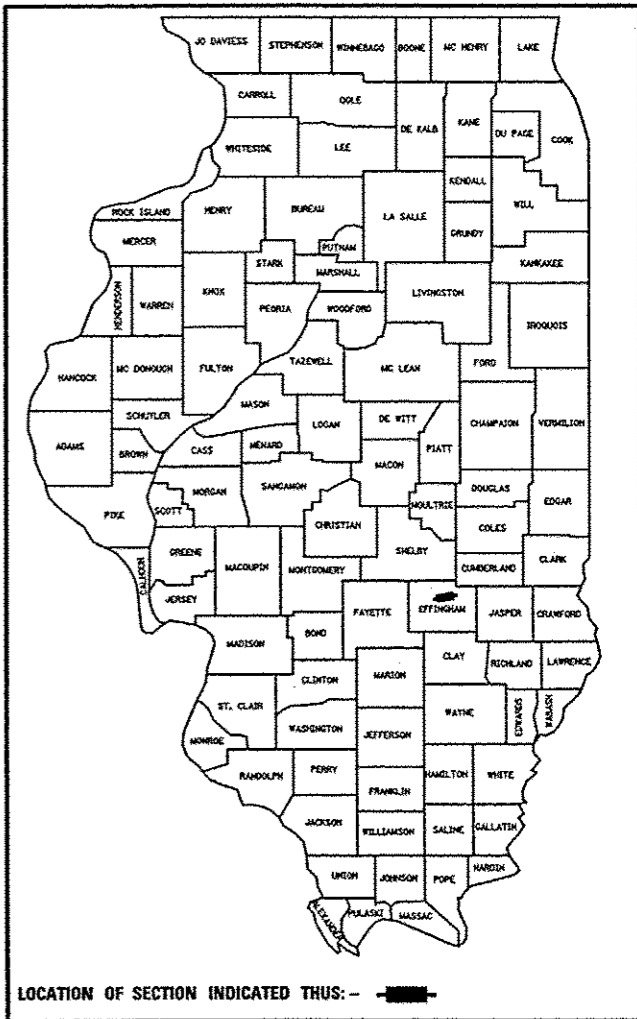
SECTION (25-4HVB-1)BY INCLUDES THE REMOVAL OF THE EXISTING 5 SPAN DUAL STRUCTURES 355'-8" BACK TO BACK OF ABUTMENTS AND REPLACEMENT WITH NEW DUAL 2 SPAN STRUCTURES 380'-2" BACK TO BACK OF ABUTMENTS. THE REPLACEMENT STRUCTURES CONSISTS OF PLATE GIRDERS WITH COMPOSITE CONCRETE DECK ON REINFORCED CONCRETE PIERS AND INTEGRAL ABUTMENTS FOR THE STRUCTURES CARRYING FAI 57/70 OVER C.N. RAILROAD AND US ROUTE 45. STA 2293+48.57 (FAI 57/70)
SN 025-0013 EB (EX)
SN 025-0014 WB (EX)
SN 025-0112 EB (PROP)
SN 025-0111 WB (PROP)

SET 2 - LOCATION 4
SECTION (25-4HVB)I-3 INCLUDES BEARING REPLACEMENT, EXPANSION JOINT REPLACEMENT, SEISMIC CABLE RESTRAINERS AND MISC. CONCRETE REPAIR FOR THE STRUCTURE CARRYING RAMP F (EASTBOUND FAI-70) OVER NORTHBOUND FAI-57 AND WESTBOUND FAI-70 STA 10+90.57 (RAMP F)
SN 025-0019

SET 2 - LOCATION 3
SECTION (25-4HVB)I-4 INCLUDES CONCRETE OVERLAY, BEARING REPLACEMENT, EXPANSION JOINT REPLACEMENT, SEISMIC CABLE RESTRAINERS AND MISC. CONCRETE REPAIR FOR THE STRUCTURE CARRYING NORTHBOUND FAI-57 OVER WESTBOUND FAI-70 STA 5367+22.93 (RDWY D)
SN 025-0002

SET 1
SECTION (25-4)R ENDS
STA 2413+00.00

SET 2 - LOCATION 5
SECTION (25-4HVB-2)I INCLUDES BRIDGE RAIL RETROFIT, BEARING REPLACEMENT, PAINTING STRUCTURAL STEEL AND SEISMIC CABLE RESTRAINERS FOR THE STRUCTURE CARRYING TOWNSHIP RD 258 OVER FAI 70 STA 50+00.00 (TR-258)
SN 025-0062

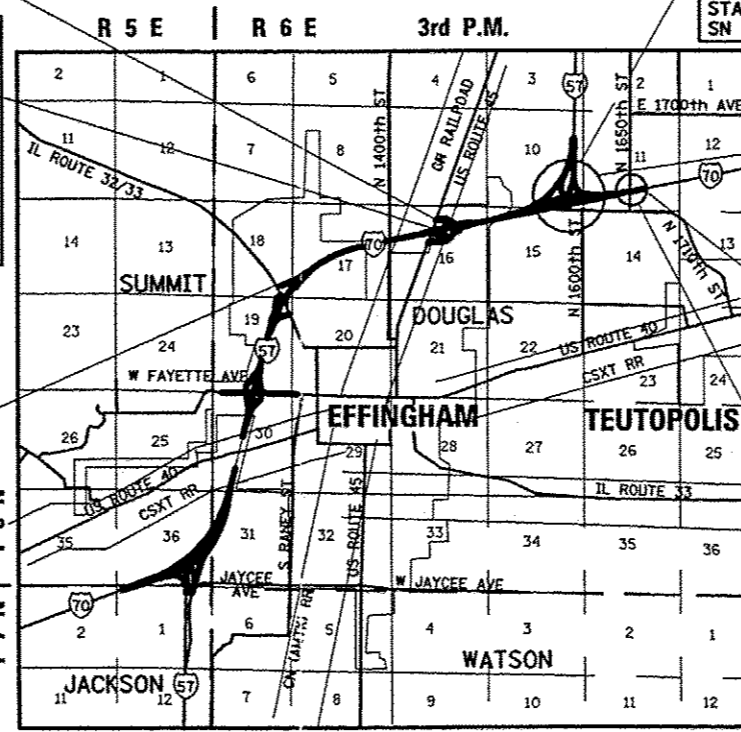


LOCATION OF SECTION INDICATED THUS: - ■ -

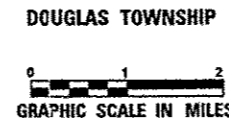
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
SUBMITTED JUNE 11 2013
Roger L. Driscoll, P.E.
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
Aug 16 2013
John D. Baranzelli, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT
Aug 16 2013
Omer Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

BERNARDIN * LOCHMUELLER & ASSOCIATES, INC.
3 OAK DRIVE
MARYVILLE, ILLINOIS 62062
PHONE (618) 288-4665
FAX (618) 288-4668

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS



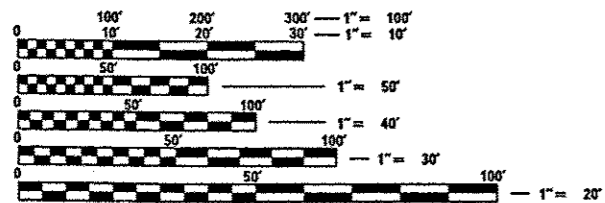
LOCATION MAP



DESIGN DESIGNATION

7070(30) PRINCIPAL ARTERIAL INTERSTATE 122.62 (CRCP-20)
ADT 45,400 (2010) FAI 57/70 45% TRUCKS
ADT 20,300 (2010) FAI 57 34% TRUCKS
ADT 25,300 (2010) FAI 70 52% TRUCKS

NET SET 1 SECTION LENGTH = 14,500.00 FEET = 2.746 MILES
NET SET 2 SECTION LENGTH = 707.57 FEET = 0.134 MILES
TOTAL LENGTH = 15,207.57 FEET = 2.880 MILES



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

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

PROJECT ENGINEER: TOM RONAN (217)342-8320

CONTRACT NO. 74295



Brian R. Mueller 05-06-13
ILLINOIS PROFESSIONAL ENGINEER NO. 062-052018 DATE
EXP. 11-30-2013

INDEX OF SHEETS COMBINED

1	COVER SHEET
2	DETAILED INDEX OF SHEETS
3-29	COMBINED SUMMARY OF QUANTITIES
30-1659	SET 1 SECTION (25-4)R AND (25-4)HB-DBY (US 45 & NORTH TRI LEVEL)
1660-1760	SET 2 SECTION (25-4)BR (BRIDGE REPAIR)

INDEX OF SHEETS SET 1

30	TITLE SHEET
31-33	GENERAL NOTES, INDEX OF SHEETS AND STANDARDS
34-37A	SUMMARY OF QUANTITIES
38-45	TYPICAL SECTIONS - EXISTING
46-80	TYPICAL SECTIONS - PROPOSED
81-90	SCHEDULE OF QUANTITIES
91-102	HORIZONTAL CONTROL & TIE POINTS
103-104	SUPERELEVATION TABLES
105-115	PLAN AND PROFILE - MAINLINE (I 57/70, ROADWAY B, AND I 70 EAST)
116-126	PLAN AND PROFILE - US ROUTE 45 INTERCHANGE
127-144	PLAN AND PROFILE - NORTH TRI-LEVEL INTERCHANGE
145-253	MAINTENANCE OF TRAFFIC CONSTRUCTION DETAILS
253A	MAINTENANCE OF TRAFFIC CONSTRUCTION DETAILS
254-261	EROSION AND SEDIMENT CONTROL PLANS
262-272	DRAINAGE PLAN AND PROFILE - MAINLINE
273-277	DRAINAGE STORM SEWER PROFILE - MAINLINE
278-288	DRAINAGE PLAN AND PROFILE - US ROUTE 45 INTERCHANGE
289-298	DRAINAGE PLAN AND PROFILE - NORTH TRI-LEVEL INTERCHANGE
299	INTERCHANGE LAYOUT - US ROUTE 45
300	INTERCHANGE ROADWAY PLAN - US ROUTE 45
301	INTERCHANGE SHEAR LINE DETAIL - US ROUTE 45
302	INTERCHANGE GRADING PLAN - US ROUTE 45
303-304	INTERSECTION DETAILS - US ROUTE 45 INTERCHANGE
305-306	INTERSECTION PAVEMENT ELEVATION DETAILS - US ROUTE 45 INTERCHANGE
307-308	INTERSECTION JOINTING DETAILS - US ROUTE 45 INTERCHANGE
309-313	INTERCHANGE RAMP TERMINAL DETAILS - US ROUTE 45
314-318	INTERCHANGE RAMP TERMINAL PAVEMENT ELEVATION DETAILS - US ROUTE 45
319-323	INTERCHANGE RAMP TERMINAL JOINTING DETAILS - US ROUTE 45
324-326	INTERCHANGE LAYOUT - NORTH TRI-LEVEL
327-329	INTERCHANGE ROADWAY PLAN - NORTH TRI-LEVEL
330-332	INTERCHANGE SHEAR LINE DETAIL - NORTH TRI-LEVEL
333-335	INTERCHANGE GRADING PLAN - NORTH TRI-LEVEL
336-345	INTERCHANGE RAMP AND ROADWAY TERMINAL DETAILS - NORTH TRI-LEVEL
346-355	INTERCHANGE RAMP AND ROADWAY TERMINAL PAVEMENT ELEVATION DETAILS - NORTH TRI-LEVEL
356-365	INTERCHANGE RAMP AND ROADWAY TERMINAL JOINTING DETAILS - NORTH TRI-LEVEL
366-381	PAVEMENT MARKING PLANS
382-440	SIGNING DETAILS
441-447	TRAFFIC SIGNAL PLANS
447A-447B	SIGNAL BORINGS AND FLASHING BEACON DETAILS
448-481	LIGHTING PLANS
481A	LIGHT POLE FOUNDATION DETAIL
482	LIGHTING PLANS
483-498	REMOVAL PLANS
499-504	DELINEATOR DETAILS
505-510	MISCELLANEOUS DETAILS
511	CULVERT DETAILS US ROUTE 45 RAMPS A AND B
512-519	STRUCTURE PLANS - CULVERT US ROUTE 45 RAMPS A AND B STA 24+70.29
520-531	STRUCTURE PLANS - CULVERT EXTENTION STA 2294+91.09
532-534	STRUCTURE PLANS - CULVERT EXTENSION ROADWAY B STA 2393+86.08
535-536	STRUCTURE PLANS - US ROUTE 45 SN 025-0111 AND 025-0112
536A	STRUCTURE PLANS - US ROUTE 45 SN 025-0111 AND 025-0112
537-538	STRUCTURE PLANS - US ROUTE 45 SN 025-0111 AND 025-0112
538A-538B	STRUCTURE PLANS - US ROUTE 45 SN 025-0111 AND 025-0112
539-614	STRUCTURE PLANS - US ROUTE 45 SN 025-0111 AND 025-0112
615-625	CULVERT PROFILES
626-718	CROSS SECTIONS - I 57/70
719-774	CROSS SECTIONS - NORTH TRI-LEVEL ROADWAY B
775-793	CROSS SECTIONS - I 70
794-807	CROSS SECTIONS - US ROUTE 45
808-832	CROSS SECTIONS - US ROUTE 45 RAMP A
833-865	CROSS SECTIONS - US ROUTE 45 RAMP B AND INFIELD GRADING
866-896	CROSS SECTIONS - US ROUTE 45 RAMP C
897-921	CROSS SECTIONS - US ROUTE 45 RAMP D AND INFIELD GRADING
922-928	CROSS SECTIONS - US ROUTE 45 INTERCHANGE STREAM 1 AND STREAM 2
929-989	CROSS SECTIONS - NORTH TRI-LEVEL ROADWAY A
990-1005	CROSS SECTIONS - NORTH TRI-LEVEL ROADWAY C
1006-1016	CROSS SECTIONS - NORTH TRI-LEVEL ROADWAY D
1017-1027	CROSS SECTIONS - NORTH TRI-LEVEL RAMP F
1028-1035	CROSS SECTIONS - NORTH TRI-LEVEL RAMP G
1036-1659	MAINTENANCE OF TRAFFIC CROSS SECTIONS

INDEX OF SHEETS SET 2

1660	TITLE SHEET
1661	GENERAL NOTES, INDEX OF SHEETS AND STANDARDS
1662	SUMMARY OF QUANTITIES
1663	TYPICAL SECTIONS - EXISTING
1664	SCHEDULE OF QUANTITIES
1665-1669	HORIZONTAL CONTROLS & TIES
1670-1672	PLAN AND PROFILE
1673	GUARDRAIL DETAILS - LOCATION 5
1674-1676	MAINTENANCE OF TRAFFIC AND STAGE CONSTRUCTION
1677	ROAD CLOSURE AND DETOUR PLANS - LOCATION 4
1678-1705	BRIDGE REPAIR PLANS ROADWAY D SN 025-0002
1706-1740	BRIDGE REPAIR PLANS RAMP F SN 025-0019
1741-1760	BRIDGE REPAIR PLANS 1650th STREET SN 025-0062

202001-01	EARTH MEDIAN DITCH CHECK
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
420101-04	(24') 7.2M JOINTED PCC PAVEMENT
420206-08	ENTRANCE RAMP TERMINAL (JOINTED PCC RAMP PAVEMENT ADJACENT TO CRC MAINLINE PAVEMENT)
420306-06	EXIT RAMP TERMINAL (JOINTED PCC RAMP PAVEMENT ADJACENT TO CRC MAINLINE PAVEMENT)
420401-09	BRIDGE APPROACH PAVEMENT CONNECTOR
420601-05	24' (7.2M) PCC PAVEMENT
420701-02	PAVEMENT FABRIC
421001-02	BAR REINFORCEMENT FOR CRC PAVEMENT
421106-08	36' (10.8m) CRC PAVEMENT (WITH WIDE FLANGE BEAM TERMINAL JOINT)
442101-07	CLASS B PATCHES
482011-03	HMA SHOULDER STRIPS/SHOULDERS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
483001-04	PCC SHOULDER
515001-03	NAME PLATES FOR BRIDGES
542001-03	CONCRETE END SECTIONS FOR PIPE CULVERTS, 15" (375 mm) THRU 84" (2100 mm) DIAMETER
542201-02	REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS, 15" (375 mm) THRU 36" (900 mm) DIAMETER SKEWED WITH ROADWAY
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542401-01	METAL END SECTION FOR PIPE CULVERTS
542601-03	REINFORCED CONCRETE PIPE ELBOW 24", 30" OR 36" (600 mm, 750 mm OR 900 mm)
601001-04	SUB-SURFACE DRAINS
601101-01	CONCRETE HEADWALL FOR PIPE DRAIN
602106-01	DRAINAGE STRUCTURES, TYPES 4, 5 & 6
602301-03	INLET, TYPE A
602306-03	INLET, TYPE B
602401-03	MANHOLE, TYPE A
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAMES AND LIDS, TYPE 1
604006-04	FRAME AND GRATE TYPE 3
604036-02	GRATE, TYPE 8
604081-04	FRAMES AND GRATES, TYPE 22
606001-05	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
610001-06	SHOULDER INLET WITH CURB
630001-10	STEEL PLATE BEAM GUARDRAIL
630301-06	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-09	TRAFFIC BARRIER TERMINAL, TYPE 2
631031-11	TRAFFIC BARRIER TERMINAL, TYPE 6
631032-08	TRAFFIC BARRIER TERMINAL, TYPE 6A
635001-01	DELINEATORS
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
637006-03	CONCRETE BARRIER 42" (1065 mm) HEIGHT
642001-02	SHOULDER RUMBLE STRIPS, 16 IN.
665001-02	WOVEN WIRE FENCE
667101-02	PERMANENT SURVEY MARKERS

IDOT HIGHWAY STANDARDS

701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THEN 15' (4.5 m) AWAY
701006-04	OFF-ROAD OPERATIONS, 2L, 5W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701101-03	OFF-ROAD OPERATIONS, MULTILINE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILINE, MORE THEN 15' (4.5 m) AWAY
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701316-07	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR, FOR SPEEDS > 45 MPH
701400-06	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-07	LANE CLOSURE, FREEWAY/EXPRESSWAY
701402-09	LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRIER
701406-06	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701411-08	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH
701421-05	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS > 45 MPH TO 55 MPH
701426-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS > 45 MPH
701451-01	RAMP CLOSURE FREEWAY/EXPRESSWAY
701456-02	PARTIAL EXIT RAMP CLOSURE FREEWAY/EXPRESSWAY
701502-05	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701701-08	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-02	TRAFFIC CONTROL DEVICES
704001-07	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-03	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
720016-03	MAST ARM MOUNTED STREET NAME SIGNS
720021-02	SIGN PANELS, EXTRUDED ALUMINUM TYPE
729001-01	APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS AND MARKERS)
780001-03	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-02	HANDHOLES
814006-02	DOUBLE HANDHOLES
825001-01	LIGHTING CONTROLLER POLE MOUNTED, 240V
825021-02	LIGHTING CONTROLLER, BASE MOUNTED, 240V
825026-02	LIGHTING CONTROLLER, BASE MOUNTER, 480V
830001-01	LIGHT POLE ALUMINUM MAST ARM
830006-01	LIGHT POLE ALUMINUM DAVIT ARM
836001-02	LIGHT POLE FOUNDATION
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERUPED POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
877011-05	STELL COMBINATION MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-09	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUT FOR DETECTION LOOPS
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT

FILE NAME *	USER NAME * john	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILED INDEX OF SHEETS		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5:\projects\165\165757\165757.dwg (last saved date of sheet)		DRAWN - PDB	REVISED -		57/70	(25-4)R & (25-4)HB-DBY	EFFINGHAM	1760	2		
PLOT SCALE = 100.0000' / IN.		CHECKED - BRM	REVISED -				CONTRACT NO. 74295				
PLOT DATE = 8/8/2013		DATE - 03-30-10	REVISED -		SCALE:	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

90% FED.
10% STATE

URBAN

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	(25-4)R		(25-4HVB-1)BY			(25-4)BR		
				ROADWAY	ROADWAY	SIGNALS	SN 025-0111 (WB)	SN 025-8648	SN 025-0002	SN 025-0019	SN 025-0062
				0003	0005	LIGHTING 0021	SN 025-0112 (EB) 0010	0040	0014	0014	0014
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	423	423							
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	1499	1499							
20100500	TREE REMOVAL, ACRES	ACRE	8.25	8.25							
20200100	EARTH EXCAVATION	CU YD	167155	167155							
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1257.1	243.5				434	579.6		
20400800	FURNISHED EXCAVATION	CU YD	226840	226840							
20700220	POROUS GRANULAR EMBANKMENT	CU YD	1013.6					434	579.6		
20800150	TRENCH BACKFILL	CU YD	3413	3413							
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	402540	402540							
* 25000200	SEEDING, CLASS 2	ACRE	76	76							
* 25000300	SEEDING, CLASS 3	ACRE	2	2							
* 25000350	SEEDING, CLASS 7	ACRE	85	85							
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	6390	6390							
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	6390	6390							

* SPECIALTY ITEM

FILE NAME :	USER NAME * USER*	DESIGNED - ESW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMBINED SUMMARY OF QUANTITIES, NORTH TRI LEVEL			F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
5/19/2009 10:00:00 AM		DRAWN - ESW	REVISED -					57/70	*	EFFINGHAM	1760
PLOT SCALE * SCALE*	CHECKED - BRM	REVISED -			SCALE:		SHEET NO. 1 OF 27 SHEETS	STA.	TO STA.	CONTRACT NO. 74285	
PLOT DATE * DATE*	DATE - 08-28-09	REVISED -						FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

* (25-4)R & (25-4HVB-1)BY & (25-4)BR

SUMMARY OF QUANTITIES

90% FED
10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				URBAN			(25-4)R		(25-4HVB-1)BY		(25-4)BR	
				ROADWAY 0003	ROADWAY 0005	SIGNALS LIGHTING 0021	SN 025-0111 (WB) 0010	SN 025-8648 0040	SN 025-0002 0014	SN 025-0019 0014	SN 025-0062 0014	
30200650	PROCESSING MODIFIED SOIL 12"	SQ YD	222209	222209								
30201250	PROCESSING MODIFIED SOIL 24"	SQ YD	11179	11179								
30201500	LIME	TON	5091.7	5091.7								
30201800	SLAG-MODIFIED PORTLAND CEMENT	TON	845	845								
31200500	STABILIZED SUB BASE - HOT-MIX ASPHALT, 4"	SQ YD	233004	233004								
35101400	AGGREGATE BASE COURSE, TYPE B	TON	2760	2760								
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	2661		2661							
40600300	AGGREGATE (PRIME COAT)	TON	54		54							
40600655	LEVELING BINDER (MACHINE METHOD), N105	TON	173		173							
40600990	TEMPORARY RAMP	SQ YD	185		185							
40603090	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	954	954								
40603153	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80	TON	3063		3063							
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	401	401								
40603350	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N105	TON	197	197								

* (25-4)R & (25-4HVB-1)BY & (25-4)BR

FILE NAME *	USER NAME * #USER*	DESIGNED - ESW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMBINED SUMMARY OF QUANTITIES, NORTH TRI LEVEL			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5/14/2009 10:27:17 AM		DRAWN - ESW	REVISED -					57/70	*	EFFINGHAM	1760	5
		CHECKED - BRM	REVISED -					CONTRACT NO. 74295				
		DATE - 08-28-09	REVISED -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
				SCALE:		SHEET NO. 3 OF 27 SHEETS		STA. TO STA.				

SUMMARY OF QUANTITIES

90% FED
10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				URBAN		(25-4)R			(25-4HVB-1)BY		(25-4)BR	
				ROADWAY 0003	ROADWAY 0005	SIGNALS LIGHTING 0021	SN 025-0111 (WB) 0010	SN 025-8648 0040	SN 025-0002 0014	SN 025-0019 0014	SN 025-0062 0014	
44000500	COMBINATION CURB & GUTTER REMOVAL	FOOT	1802	1802								
44000600	SIDEWALK REMOVAL	SQ FT	1152	1152								
44003510	MEDIAN REMOVAL PARTIAL DEPTH	SQ FT	17147	17147								
44004000	PAVED DITCH REMOVAL	FOOT	1695	1695								
44004250	PAVED SHOULDER REMOVAL	SQ YD	59160	58718					442			
44201000	CLASS B PATCHES, TYPE IV, 12 INCH	SQ YD	87	87								
44201043	CLASS B PATCHES, TYPE II, 16 INCH	SQ YD	67	67								
44201047	CLASS B PATCHES, TYPE III, 16 INCH	SQ YD	32	32								
44201299	DOWEL BARS 1 1/2"	EACH	260	260								
44213100	PAVEMENT FABRIC	SQ YD	119	119								
44213200	SAW CUTS	FOOT	721	721								
44213204	TIE BARS 3/4"	EACH	25	25								
48101200	AGGREGATE SHOULDERS, TYPE B	TON	5393	5393								
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	294		157							137

SUMMARY OF QUANTITIES

90% FED
10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				URBAN			(25-4)R		(25-4HVB-1)BY		(25-4)BR	
				ROADWAY 0003	ROADWAY 0005	SIGNALS LIGHTING 0021	SN 025-0111 (WB) 0010	SN 025-0112 (EB) 0040	SN 025-0002 0014	SN 025-0019 0014	SN 025-0062 0014	
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	1745		1745							
48203100	HOT-MIX ASPHALT SHOULDERS	TON	1298		1298							
48300800	PORTLAND CEMENT CONCRETE SHOULDERS 13"	SQ YD	10555	10555								
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	2				2					
50102400	CONCRETE REMOVAL	CU YD	175.9	12.7				72.5	48.1	42.6		
50104400	CONCRETE HEADWALL REMOVAL	EACH	4	4								
50104650	SLOPE WALL REMOVAL	SQ YD	3928.6	2575					571	768	14.6	
50105220	PIPE CULVERT REMOVAL	FOOT	2396	2396								
50157300	PROTECTIVE SHIELD	SQ YD	2554				2104		286	164		
50200100	STRUCTURE EXCAVATION	CU YD	1838.7				1801		19	9.1	9.6	
50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS FOR STRUCTURES	CU YD	240.5					240.5				
50300100	FLOOR DRAINS	EACH	92				92					
50300225	CONCRETE STRUCTURES	CU YD	1441.1				1327.3		48.5	39.8	25.5	
50300254	RUBBED FINISH	SQ FT	377						172	205		

FILE NAME *	USER NAME * #USER*	DESIGNED - ESW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMBINED SUMMARY OF QUANTITIES, NORTH TRI LEVEL			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
50300254		DRAWN - ESW	REVISED -					57/70		EFFINGHAM	1760	8			
PLOT SCALE * #SCALE*		CHECKED - BRM	REVISED -					SCALE:		SHEET NO. 6 OF 27 SHEETS	STA.	TO STA.	CONTRACT NO. 74295		
PLOT DATE * #DATE*		DATE - 08-28-09	REVISED -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

SUMMARY OF QUANTITIES

90% FED.
10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				URBAN		(25-4)R			(25-4)HVB-1)BY		(25-4)BR	
				ROADWAY 0003	ROADWAY 0005	SIGNALS LIGHTING 0021	SN 025-0111 (WB) 0010	SN 025-8648 0040	SN 025-0002 0014	SN 025-0019 0014	SN 025-0062 0014	
51203900	TEST PILE STEEL HP14X89	EACH	2				2					
51500100	NAME PLATES	EACH	2				2					
52000110	PREFORMED JOINT STRIP SEAL	FOOT	789.5				380		221	188.5		
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	46						18	8	20	
52100505	ANCHOR BOLTS, 5/8"	EACH	16							16		
52100520	ANCHOR BOLTS, 1"	EACH	228				76		72		80	
52100530	ANCHOR BOLTS, 1 1/4"	EACH	108				76			32		
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	1	1								
54002020	EXPANSION BOLTS 3/4 INCH	EACH	78	26					52			
54003000	CONCRETE BOX CULVERTS	CU YD	287.9	111					176.9			
54010806	PRECAST CONCRETE BOX CULVERTS 8' X 6'	FOOT	131	131								
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	52	52								
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	20	20								
542A0241	PIPE CULVERTS, CLASS A, TYPE 1 36"	FOOT	104	104								

* (25-4)R & (25-4)HVB-1)BY & (25-4)BR

FILE NAME *	USER NAME * #USER*	DESIGNED - ESW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMBINED SUMMARY OF QUANTITIES, NORTH TRI LEVEL	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
5/10/09 10:28:27 AM C:\Users\jacobson\Documents		DRAWN - ESW	REVISED -			57/70	*	EFFINGHAM	1760	10	
PLOT SCALE * #SCALE*		CHECKED - BRM	REVISED -			SCALE:		SHEET NO. 8 OF 27 SHEETS		STA.	TO STA.
PLOT DATE * #DATE*		DATE - 08-28-09	REVISED -			FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 74295	

SUMMARY OF QUANTITIES

90% FED
10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				URBAN			(25-4)R		(25-4HVB-1)BY		(25-4)BR		
				ROADWAY 0003	ROADWAY 0005	SIGNALS LIGHTING 0021	SN 025-0111 (WB) 0010	SN 025-8648 0040	SN 025-0002 0014	SN 025-0019 0014	SN 025-0062 0014		
542A1060	PIPE CULVERTS, CLASS A, TYPE 2 15"	FOOT	75	75									
542A1069	PIPE CULVERTS, CLASS A, TYPE 2 24"	FOOT	85	85									
542A2749	PIPE CULVERTS, CLASS A, TYPE 4 24"	FOOT	178	178									
542A2803	PIPE CULVERTS, CLASS A, TYPE 4 78"	FOOT	98	98									
542JA078	PIPE CULVERTS, CLASS A 78" (JACKED)	FOOT	177	177									
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	5	5									
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	6	6									
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	5	5									
54213723	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 78"	EACH	1	1									
54215424	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 24"	EACH	4	4									
54215550	METAL END SECTIONS 15"	EACH	8	8									
54215553	METAL END SECTIONS 18"	EACH	1	1									
54215559	METAL END SECTIONS 24"	EACH	1	1									
54215991	REINFORCED CONCRETE PIPE ELBOW 36"	EACH	3	3									

* (25-4)R & (25-4HVB-1)BY & (25-4)BR

SUMMARY OF QUANTITIES

90% FED
10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				URBAN								
				(25-4)R		(25-4HVB-1)BY		(25-4)BR				
ROADWAY 0003	ROADWAY 0005	SIGNALS LIGHTING 0021	SN 025-0111 (WB) 0010	SN 025-8648 0040	SN 025-0002 0014	SN 025-0019 0014	SN 025-0062 0014					
54248510	CONCRETE COLLAR	CU YD	6	6								
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	611	611								
550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	172	172								
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	6321	6321								
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	3	3								
58700300	CONCRETE SEALER	SQ FT	16856				12181		2332	1304	1039	
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	472				472					
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	20	20								
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	4	4								
60100905	PIPE DRAINS 4"	FOOT	1476	1476								
60100955	PIPE DRAINS 15"	FOOT	754	754								
60100965	PIPE DRAINS 18"	FOOT	38	38								
60100985	PIPE DRAINS 24"	FOOT	37	37								
60107600	PIPE UNDERDRAINS 4"	FOOT	15934	15934								

FILE NAME :
S:\projects\142\142\142\S1\78\plan\142\summary\combined.qpj

USER NAME : *USER*
DESIGNED - ESW
DRAWN - ESW
CHECKED - BRM
PLOT DATE : *DATE*

REVISOR -
REVISOR -
REVISOR -
REVISOR -
DATE - 08-28-09

REVISOR -
REVISOR -
REVISOR -
REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COMBINED SUMMARY OF QUANTITIES, NORTH TRI LEVEL

SCALE: SHEET NO. 10 OF 27 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	*	EFFINGHAM	1760	12
CONTRACT NO. 74295				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

* (25-4)R & (25-4HVB-1)BY & (25-4)BR

SUMMARY OF QUANTITIES

90% FED
10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				URBAN			(25-4)R		(25-4)HV8-1)BY		(25-4)BR	
				ROADWAY 0003	ROADWAY 0005	SIGNALS LIGHTING 0021	SN 025-0111 (WB) 0010	SN 025-8648 0040	SN 025-0002 0014	SN 025-0019 0014	SN 025-0062 0014	
60107700	PIPE UNDERDRAINS 6"	FOOT	59451	59451								
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	350	350								
60108200	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	1077	1077								
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	4								
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3								
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	4	4								
60235300	INLETS, TYPE A, TYPE 1 FRAME, CLOSED LID	EACH	2	2								
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	4	4								
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	2	2								
60240215	INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID	EACH	3	3								
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	2	2								
60258300	MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 3 FRAME AND GRATE	EACH	1	1								
60270055	DRAINAGE STRUCTURES, TYPE 5 WITH TWO TYPE 22 FRAME AND GRATES	EACH	27	27								
60500060	REMOVING INLETS	EACH	16	16								

*125-4)R & (25-4)HV8-1)BY & (25-4)BR

FILE NAME *	USER NAME * #USER*	DESIGNED - ESW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMBINED SUMMARY OF QUANTITIES, NORTH TRI LEVEL	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
5:\project\02\0072\57\00\plan\1-1-1\summary\combined.dwg		DRAWN - ESW	REVISED -			57/70		EFFINGHAM	1760	13	
PLOT SCALE * #SCALE*		CHECKED - BRM	REVISED -			SCALE:		SHEET NO. 11 OF 27 SHEETS		STA. TO STA.	
PLOT DATE * #DATE*		DATE - 08-28-09	REVISED -			FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 74295	

SUMMARY OF QUANTITIES

90% FED
10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				URBAN			(25-4)R		(25-4HVB-1)BY		(25-4)BR	
				ROADWAY 0003	ROADWAY 0005	SIGNALS LIGHTING 0021	SN 025-0111 (WB) 0010	SN 025-8648 0040	SN 025-0002 0014	SN 025-0019 0014	SN 025-0062 0014	
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	231	231								
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	2184	2184								
60608600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	FOOT	114	114								
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	274	274								
60618320	CONCRETE MEDIAN SURFACE, 6 INCH	SQ FT	1452	1452								
60900515	CONCRETE THRUST BLOCKS	EACH	8	8								
61000335	TYPE G INLET BOX, STANDARD 610001	EACH	1	1								
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	8300	8100								200
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	17	17								
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	13	13								
* 63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	4									4
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	24	20								4
63200310	GUARDRAIL REMOVAL	FOOT	11533	11124								409
63200400	CABLE ROAD GUARD REMOVAL	FOOT	3486	3486								

* SPECIALTY ITEM

FILE NAME :	USER NAME : #USER#	DESIGNED - ESW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMBINED SUMMARY OF QUANTITIES, NORTH TRI LEVEL	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
5/14/2009 10:27:57 AM		DRAWN - ESW	REVISED -			57/70		EFFINGHAM	1760	14	
		CHECKED - BRM	REVISED -			SCALE:		SHEET NO. 12 OF 27 SHEETS		STA.	TO STA.
		DATE - 08-28-09	REVISED -							CONTRACT NO. 74295	

SUMMARY OF QUANTITIES

90% FED
10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				URBAN			(25-4)R		(25-4HVB-1)BY		(25-4)BR	
				ROADWAY 0003	ROADWAY 0005	SIGNALS LIGHTING 0021	SN 025-0111 (WB) 0010	SN 025-0112 (EB) 0040	SN 025-0002 0014	SN 025-0019 0014	SN 025-0062 0014	
63301210	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	1804	1804								
63500105	DELINEATORS	EACH	477	477								
63700175	CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT	FOOT	753	753								
63700275	CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT	FOOT	6217	6217								
63700900	CONCRETE BARRIER BASE	FOOT	7729	7729								
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	93859	81158	12701							
66500105	WOVEN WIRE FENCE, 4'	FOOT	3486	3486								
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	74	74								
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	30	30								
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	30	30								
67100100	MOBILIZATION	L SUM	1	0.9								0.1
70100100	TRAFFIC CONTROL AND PROTECTION, STANDARD 701316	EACH	1									1
70100205	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	EACH	1									1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	2		2							

FILE NAME *	USER NAME * #USER*	DESIGNED - ESW	REVISED -
62-projects\403-0007\57-20\p10\14\summary_combined.dwg		DRAWN - ESW	REVISED -
		CHECKED - BRM	REVISED -
		DATE - 08-28-09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

COMBINED SUMMARY OF QUANTITIES, NORTH TRI LEVEL

SCALE: SHEET NO. 13 OF 27 SHEETS STA. TO STA.

F.A.I. R.T.E. 57/10	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		EFFINGHAM	1760	15
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 74295	

* (25-4)R & (25-4HVB-1)BY & (25-4)BR

SUMMARY OF QUANTITIES

90% FED
10% STATE

CONSTRUCTION CODE

URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				(25-4)R		(25-4HVB-1)BY		(25-4)BR				
				ROADWAY 0003	ROADWAY 0005	SIGNALS LIGHTING 0021	SN 025-0111 (WB) SN 025-0112 (EB) 0010	SN 025-8648 0040	SN 025-0002 0014	SN 025-0019 0014	SN 025-0062 0014	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1									1
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1		1							
70100820	TRAFFIC CONTROL AND PROTECTION, STANDARD 701451	L SUM	1	1								
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1								
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	657	650					1	1		5
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1									1
* 70300100	SHORT TERM PAVEMENT MARKING	FOOT	13775	13775								
* 70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	603	603								
* 70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	112590	112590								
* 70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	21625	21625								
* 70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	11035	11035								
* 70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	2067	2067								
* 70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	115	115								
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	60044	60044								

* SPECIALTY ITEM

FILE NAME :	USER NAME : *USER*	DESIGNED - ESW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMBINED SUMMARY OF QUANTITIES, NORTH TRI LEVEL	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
5/14/2009 10:57:57 AM		DRAWN - ESW	REVISED -			ST/70	*	EFFINGHAM	1760	16	
	PLOT SCALE : *SCALE*	CHECKED - BRM	REVISED -			CONTRACT NO. 74295					
	PLOT DATE : *DATE*	DATE - 08-28-09	REVISED -			SCALE:	SHEET NO. 14 OF 27 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

* (25-4)R & (25-4HVB-1)BY & (25-4)BR

SUMMARY OF QUANTITIES

90% FED
10% STATE

CONSTRUCTION CODE

URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	(25-4)R		(25-4HVB-1)BY			(25-4)BR		
				ROADWAY	ROADWAY	SIGNALS	SN 025-0111 (WB)	SN 025-8648	SN 025-0002	SN 025-0019	SN 025-0062
				0003	0005	LIGHTING 0021	0010	0040	0014	0014	0014
70400100	TEMPORARY CONCRETE BARRIER	FOOT	32166	31938					228		
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	35328	35100					228		
70600250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	9	9							
70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	1	1							
70600350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	18	18							
* 72000100	SIGN PANEL - TYPE 1	SQ FT	656.4	632		24.4					
* 72000200	SIGN PANEL - TYPE 2	SQ FT	368	368							
* 72000300	SIGN PANEL - TYPE 3	SQ FT	9257	9257							
* 72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	5188	5188							
* 72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	30821	30821							
* 73000100	WOOD SIGN SUPPORT	FOOT	1433	1433							
* 73300100	OVERHEAD SIGN STRUCTURE - SPAN, TYPE I-A (4'-0" X 4'-6")	FOOT	381	381							
* 73301810	OVERHEAD SIGN STRUCTURE WALKWAY, TYPE A	FOOT	310	310							
* 73302170	OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE II-C-A (36" X 5'-6")	FOOT	120	120							

* SPECIALTY ITEM

FILE NAME :	USER NAME : *USER*	DESIGNED - ESW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMBINED SUMMARY OF QUANTITIES, NORTH TRI LEVEL			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
5/18/09 10:52:57 AM		DRAWN - ESW	REVISED -					57/70	*	EFFINGHAM	1760	17			
	PLOT SCALE : *SCALE*	CHECKED - BRM	REVISED -					SCALE:		SHEET NO. 15 OF 27 SHEETS		STA.	TO STA.	CONTRACT NO. 74295	
	PLOT DATE : *DATE*	DATE - 08-28-09	REVISED -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

* (25-4)R & (25-4HVB-1)BY & (25-4)BR

SUMMARY OF QUANTITIES

90% FED
10% STATE

CONSTRUCTION CODE

URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				(25-4)R		SIGNALS LIGHTING	(25-4)HVB-1)BY		(25-4)BR			
				ROADWAY 0003	ROADWAY 0005		SN 025-0111 (WB) 0010	SN 025-8648 0040	SN 025-0002 0014	SN 025-0019 0014	SN 025-0062 0014	
* 73400100	CONCRETE FOUNDATIONS	CU YD	67.2	67.2								
* 73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	116.5	116.5								
* 73600100	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	5	5								
* 73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	44	44								
* 73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	44	44								
* 73700300	REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	10	10								
* 78006100	PREFORMED THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	234	234								
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	603	603								
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	112590	112590								
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	21625	21625								
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	11035	11035								
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	2067	2067								
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	115	115								
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1680	1680								

* SPECIALTY ITEM

FILE NAME :	USER NAME : *USER*	DESIGNED - ESW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMBINED SUMMARY OF QUANTITIES, NORTH TRI LEVEL	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
5/14/2009 10:00:00 AM		DRAWN - ESW	REVISED -			57/70	*	EFFINGHAM	1760	18	
	PLOT SCALE : *SCALE*	CHECKED - BRM	REVISED -			SCALE:		SHEET NO. 16 OF 27 SHEETS		STA.	TO STA.
	PLOT DATE : *DATE*	DATE - 08-28-09	REVISED -			FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 74295	

* (25-4)R & (25-4)HVB-1)BY & (25-4)BR

SUMMARY OF QUANTITIES

90% FED
10% STATE

URBAN

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				(25-4)R		(25-4HVB-1)BY		(25-4)BR			
				ROADWAY 0003	ROADWAY 0005	SIGNALS LIGHTING 0021	SN 025-0111 (WB) SN 025-0112 (EB) 0010	SN 025-8648 0040	SN 025-0002 0014	SN 025-0019 0014	SN 025-0062 0014
* 78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	66	66							
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	138	134							4
* 78200420	GUARDRAIL MARKERS, TYPE B	EACH	6								6
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	24	20							4
78300100	PAVEMENT MARKING REMOVAL	SQ FT	627	627							
* 80400100	ELECTRIC SERVICE INSTALLATION	EACH	3			3					
* 80500100	SERVICE INSTALLATION, TYPE A	EACH	1			1					
* 81028310	UNDERGROUND CONDUIT, PVC, 3/4" DIA.	FOOT	53			53					
* 81028330	UNDERGROUND CONDUIT, PVC, 1 1/4" DIA.	FOOT	221	160		61					
* 81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	755			755					
* 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	766			766					
* 81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	108			108					
* 81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	212	212							
* 81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	410			410					

* SPECIALTY ITEM

(25-4)R & (25-4HVB-1)BY & (25-4)BR

FILE NAME :	USER NAME : *USER*	DESIGNED - ESW	REVISIONS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMBINED SUMMARY OF QUANTITIES, NORTH TRI LEVEL	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
5/8 Special Item Summary combined	PLOT SCALE : *SCALE*	DRAWN - ESW	REVISIONS -			57/70		EFFINGHAM	1760	19	
	PLOT DATE : *DATE*	CHECKED - BRM	REVISIONS -			CONTRACT NO. 74295					
		DATE - 08-28-09	REVISIONS -			SCALE:	SHEET NO. 17 OF 27 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

90% FED
10% STATE

URBAN

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				(25-4)R		SIGNALS LIGHTING	(25-4)HB-1)BY		(25-4)BR			
				ROADWAY 0003	ROADWAY 0005		SN 025-0111 (WB) 0010	SN 025-8648 0040	SN 025-0002 0014	SN 025-0019 0014	SN 025-0062 0014	
* 81028760	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2 1/2" DIA.	FOOT	1255			1255						
* 81028770	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 3" DIA.	FOOT	350			350						
* 81100500	CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA., GALVANIZED STEEL	FOOT	15			15						
* 81200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	7735			7735						
* 81300530	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	4			4						
* 81300986	JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STRUCTURE, 8" X 24" X 10"	EACH	7			7						
* 81400100	HANDHOLE	EACH	5			5						
* 81400200	HEAVY-DUTY HANDHOLE	EACH	4	4								
* 81400300	DOUBLE HANDHOLE	EACH	1			1						
* 81500100	GULFBOX JUNCTION	EACH	7			7						
* 81603000	UNIT DUCT, 600V, 2-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	10719			10719						
* 81603030	UNIT DUCT, 600V, 2-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	10922			10922						
* 81603040	UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	8888			8888						
* 81603070	UNIT DUCT, 600V, 2-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	1020			1020						

* SPECIALTY ITEM

FILE NAME : S:\projects\107\107-11\107-11.dwg	USER NAME : *USER*	DESIGNED - ESW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMBINED SUMMARY OF QUANTITIES, NORTH TRI LEVEL	F.A.I. RTE. 57/70	SECTION *	COUNTY EFFINGHAM	TOTAL SHEETS 1760	SHEET NO. 20			
PLOT SCALE = *SCALE*	CHECKED - BRM	REVISED -	SCALE:			SHEET NO. 18 OF 27 SHEETS	STA.	TO STA.	CONTRACT NO. 74295				
PLOT DATE = *DATE*	DATE - 08-28-09	REVISED -	* (25-4)R & (25-4)HB-1)BY & (25-4)BR										
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT													

SUMMARY OF QUANTITIES

90% FED
10% STATE

CONSTRUCTION CODE

URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				(25-4)R		SIGNALS LIGHTING 0021	(25-4)HVB-1)BY		(25-4)BR			
				ROADWAY 0003	ROADWAY 0005		SN 025-0111 (WB) 0010	SN 025-8648 0040	SN 025-0002 0014	SN 025-0019 0014	SN 025-0062 0014	
* 84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	19			19						
* 84200804	REMOVAL OF POLE FOUNDATION	EACH	10			10						
* 84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	4			4						
* 84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	2			2						
* 84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	4			4						
* 85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1			1						
* 85800100	FLASHER CONTROLLER	EACH	1			1						
* 86200300	UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1			1						
* 86300300	CONTROLLER CABINET TYPE III	EACH	1	1								
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	790			790						
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2017			2017						
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1467			1467						
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	3905			3905						
* 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	35			35						

*SPECIALTY ITEM

* (25-4)R & (25-4)HVB-1)BY & (25-4)BR

FILE NAME : S:\projects\101\101713\101713.dwg	USER NAME : *USER*	DESIGNED - ESW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMBINED SUMMARY OF QUANTITIES, NORTH TRI LEVEL			F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - ESW	REVISED -					57/70		EFFINGHAM	1760	22
		CHECKED - BRM	REVISED -		SCALE:	SHEET NO. 20 OF 27 SHEETS	STA.	TO STA.	CONTRACT NO. 74295			
		DATE - 08-28-09	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

SUMMARY OF QUANTITIES

90% FED
10% STATE

URBAN

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				ROADWAY 0003	ROADWAY 0005	SIGNALS LIGHTING 0021	SN 025-0111 (WB) 0010	SN 025-8648 0040	SN 025-0002 0014	SN 025-0019 0014	SN 025-0062 0014
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	591			591					
* 87502700	TRAFFIC SIGNAL POST, ALUMINUM 16 FT.	EACH	3			3					
* 87700180	STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	1			1					
* 87702900	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 34 FT.	EACH	1			1					
* 87702970	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1			1					
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	9			9					
* 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	3.5			3.5					
* 87800215	CONCRETE FOUNDATION, TYPE D	EACH	1	1							
* 87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	10			10					
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	24			24					
* 88040030	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, POST MOUNTED	EACH	1			1					
* 88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2			2					
* 88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4			4					
* 88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	2			2					

*SPECIALTY ITEM

*125-41R & 125-4HVB-11BY & 125-41BR

FILE NAME *	USER NAME * #USERS*	DESIGNED - ESW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMBINED SUMMARY OF QUANTITIES, NORTH TRI LEVEL			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5049251401802137 304918 14.11.2009 10:00:00		DRAWN - ESW	REVISED -					ST/TO	*	EFFINGHAM	1760	23
PLOT SCALE * #SCALE*	CHECKED - BRM	REVISIED -	REVISIED -		SCALE:	SHEET NO. 21 OF 27 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 74295	
PLOT DATE * #DATE*	DATE - 08-28-09	REVISIED -	REVISIED -									

SUMMARY OF QUANTITIES

90% FED
10% STATE

CONSTRUCTION CODE

URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				(25-4)R		SIGNALS LIGHTING	(25-4HVB-1)BY		(25-4)BR				
				ROADWAY 0003	ROADWAY 0005		SN 025-0111 (WB)	SN 025-0112 (EB)	SN 025-8648	SN 025-0002	SN 025-0019	SN 025-0062	
* 88040230	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1			1							
* 88040290	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1			1							
* 88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	12			12							
* 88500100	INDUCTIVE LOOP DETECTOR	EACH	14			14							
* 88600100	DETECTOR LOOP, TYPE I	FOOT	2182	1045		1137							
* 88700200	LIGHT DETECTOR	EACH	3			3							
* 88700300	LIGHT DETECTOR AMPLIFIER	EACH	1			1							
* 89502400	REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE	EACH	1			1							
* D2002972	EVERGREEN, PINUS STROBUS (EASTERN WHITE PINE), 6' HEIGHT, BALLED AND BURLAPPED	EACH	900	900									
X0301242	PIEZO AXLE SENSOR, CLASS II	FOOT	66	66									
X0321778	SEISMIC RESTRAINER	EACH	38						12	16	10		
X0322278	RODENT SHIELDS	EACH	129	129									
* X0322792	BEDDING MATERIAL, SPECIAL	CU YD	213.3	213.3									
X0323149	TEMPORARY MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	5825	5825									

CITY

*SPECIALTY ITEM

FILE NAME :	USER NAME : #USERS	DESIGNED - ESW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMBINED SUMMARY OF QUANTITIES, NORTH TRI LEVEL			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5/14/2009 10:00:00 AM		DRAWN - ESW	REVISED -					57/70	*	EFFINGHAM	1760	24
PLOT SCALE : #SCALE#	CHECKED - BRM	DATE - 08-28-09	REVISED -		SCALE:	SHEET NO. 22 OF 27 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	[ILLINOIS] FED. AID PROJECT	CONTRACT NO. 74295	
PLOT DATE : #DATE#												

* (25-4)R & (25-4HVB-1)BY & (25-4)BR

SUMMARY OF QUANTITIES

90% FED
10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				URBAN			(25-4)R		(25-4HVB-1)BY		(25-4)BR		
				ROADWAY 0003	ROADWAY 0005	SIGNALS LIGHTING 0021	SN 025-0111 (WB) 0010	SN 025-8648 0040	SN 025-0002 0014	SN 025-0019 0014	SN 025-0062 0014		
X0325279	CLASS SI CONCRETE (MISCELLANEOUS)	CU YD	188	188									
X0325379	DIRECTIONAL BORING	FOOT	250	250									
X0325571	TRAFFIC CONTROL SUPERVISOR	CAL DA	650	650									
X0358300	REMOVE AND RELAY END SECTIONS	EACH	4	4									
X4063500	PRELIMINARY TEST STRIP	EACH	1		1								
X4211080	WIDE FLANGE BEAM TERMINAL JOINT COMPLETE (SPECIAL)	EACH	5	5									
X4400110	TEMPORARY PAVEMENT REMOVAL	SQ YD	11546	11546									
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	34044		34044								
X4402020	CONCRETE MEDIAN SURFACE REMOVAL	SQ FT	338	338									
X4404400	PAVEMENT REMOVAL (SPECIAL)	SQ YD	42443	42443									
X4421000	PARTIAL DEPTH PATCHING	TON	257	257									
X4422000	PARTIAL DEPTH REMOVAL (VARIABLE DEPTH)	SQ YD	3913	3913									
X5000015	REMOVE AND RE-INSTALL PIPE CULVERTS	FOOT	158	158									
X5040100	PRECAST BRIDGE APPROACH SLAB	SQ FT	9680				9680						

* (25-4)R & (25-4HVB-1)BY & (25-4)BR

SUMMARY OF QUANTITIES

90% FED
10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				URBAN			(25-4)R		(25-4HVB-1)BY		(25-4)BR	
				ROADWAY 0003	ROADWAY 0005	SIGNALS LIGHTING 0021	SN 025-0111 (WB) 0010	SN 025-8648 0040	SN 025-0002 0014	SN 025-0019 0014	SN 025-0062 0014	
X5041800	CONCRETE ANCHORS	EACH	22	22								
X5400806	PRECAST CONCRETE BOX CULVERTS 8' X 6' (SPECIAL)	FOOT	161	161								
X5860110	GRANULAR BACKFILL FOR STRUCTURES	CU YD	1077				1077					
X6050310	FILLING INLETS, SPECIAL	EACH	4	4								
X6061702	CONCRETE MEDIAN, TYPE SM (DOWELLED)	SQ FT	17147	17147								
X6340205	GUARD POSTS REMOVAL	EACH	10	10								
X6370050	CONCRETE BARRIER WALL (SPECIAL)	FOOT	37	37								
X6370250	CONCRETE BARRIER, VARIABLE CROSS-SECTION 42" HEIGHT	FOOT	722	722								
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	0.98					0.01	0.01		
X7010238	CHANGEABLE MESSAGE SIGN, SPECIAL	CAL MO	520	520								
X0327270	TRAFFIC CONTROL AND PROTECTION FOR ALTERNATE ROUTE SIGNING	CAL MO	30	30								
* X7800700	PREFORMED THERMOPLASTIC PAVEMENT MARKING SHIELD	EACH	7	7								
* X7830068	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS AND SYMBOLS	SQ FT	1329	1329								
* X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	112590	112590								

*SPECIALTY ITEM

FILE NAME	USER NAME - *USER*	DESIGNED - ESW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMBINED SUMMARY OF QUANTITIES, NORTH TRI LEVEL	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
5/14/09 10:00 AM		DRAWN - ESW	REVISED -			57/70		EFFINGHAM	1760	26	
	PLOT SCALE - *SCALE*	CHECKED - BRM	REVISED -			CONTRACT NO. 74295					
	PLOT DATE - *DATE*	DATE - 08-28-09	REVISED -			SCALE:	SHEET NO. 24 OF 27 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

* (25-4)R & (25-4HVB-1)BY & (25-4)BR

SUMMARY OF QUANTITIES

90% FED
10% STATE

URBAN

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				(25-4)R		(25-4)HVB-1)BY		(25-4)BR				
				ROADWAY 0003	ROADWAY 0005	SIGNALS LIGHTING 0021	SN 025-0111 (WB) 0010	SN 025-8648 0040	SN 025-0002 0014	SN 025-0019 0014	SN 025-0062 0014	
X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	21625	21625								
X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	11035	11035								
X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	2067	2067								
X8040500	RELOCATE ELECTRIC SERVICE	L SUM	1	1								
X8110522	CONDUIT ATTACHED TO STRUCTURE, 2" DIA. STAINLESS STEEL	FOOT	40			40						
X8360120	LIGHT POLE FOUNDATION, SPECIAL	EACH	23			23						
X8410102	TEMPORARY LIGHTING SYSTEM	L SUM	1			1						
X8730250	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	823			823						
X8730810	ELECTRIC CABLE IN CONDUIT, CONOGA - 30003	FOOT	1830	1830								
X8950130	MODIFY EXISTING LIGHTING CONTROLLER	EACH	1			1						
X8360103	LIGHT POLE FOUNDATION, INTERGRAL WITH BARRIER WALL	EACH	8			8						
XX006119	TRAFFIC CONTROL AND PROTECTION (DETOUR)	L SUM	1	0.5						0.5		
Z0001899	JACK AND REMOVE EXISTING BEARINGS	EACH	64						36	8		20
Z0004552	APPROACH SLAB REMOVAL	SQ YD	843	843								

●CITY

*SPECIALTY ITEM

*(25-4)R & (25-4)HVB-1)BY & (25-4)BR

FILE NAME *	USER NAME * #USER*	DESIGNED - ESW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMBINED SUMMARY OF QUANTITIES, NORTH TRI LEVEL	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
5/14/09 08:00:57:70		DRAWN - ESW	REVISED -			57/70		EFFINGHAM	1760	27	
PLOT SCALE * #SCALE*	CHECKED - BRM	REVISOR -				CONTRACT NO. 74295					
PLOT DATE * #DATE*	DATE - 08-28-09	REVISED -				SCALE:	SHEET NO. 25 OF 27 SHEETS	STA.	TO STA.	PED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

90% FED
10% STATE

URBAN

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				(25-4)R		SIGNALS LIGHTING	(25-4)HVB-1)BY		(25-4)BR			
				ROADWAY 0003	ROADWAY 0005		SN 025-0111 (WB) 0010	SN 025-8648 0040	SN 025-0002 0014	SN 025-0019 0014	SN 025-0062 0014	
Z0007101	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 1	L SUM	1									1
Z0010501	CLEANING AND PAINTING STEEL BRIDGE NO. 1	L SUM	1									1
Z0012111	BRIDGE DECK FLY ASH OR GGBF SLAG CONCRETE OVERLAY, 2 1/2"	SQ YD	658							658		
Z0012144	BRIDGE DECK SCARIFICATION 2 1/2"	SQ YD	658							658		
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	383							178	205	
Z0013300	CONCRETE REMOVAL (SPECIAL)	SQ YD	13.9							10	3.9	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1								
Z0016002	DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SQ YD	27							27		
Z0016200	DECK SLAB REPAIR (PARTIAL)	SQ YD	10				10					
Z0016702	DETOUR SIGNING	L SUM	1	1								
Z0018800	DRAINAGE SYSTEM	L SUM	1				0.75				0.25	
Z0026407	TEMPORARY SHEET PILING	SQ FT	11,924	8,863			3,061					
Z0029090	DIAMOND GRINDING (BRIDGE SECTION)	SQ YD	7165				7165					
Z0034105	MATERIAL TRANSFER DEVICE	TON	2640		2640							

*SPECIALTY ITEM

* (25-4)R & (25-4)HVB-1)BY & (25-4)BR

SUMMARY OF QUANTITIES

90% FED
10% STATE

URBAN

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				(25-4)R			(25-4)HVB-1)BY		(25-4)BR			
				ROADWAY 0003	ROADWAY 0005	SIGNALS LIGHTING 0021	SN 025-0111 (WB) SN 025-0112 (EB) 0010	SN 025-8648 0040	SN 025-0002 0014	SN 025-0019 0014	SN 025-0062 0014	
Z0041895	POLYMER CONCRETE	CU FT	11				11					
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	435				435					
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1								
* Z0054505	ROCK FILL - REPLACEMENT	TON	232.7	63				169.7				
* Z0054517	ROCK FILL - FOUNDATION	TON	154.7					154.7				
Z0073002	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	2,514				1131	1,383				
Z0076502	TRAFFIC MANAGEMENT SYSTEM	CAL MO	30	30								
Z0076504	TRAFFIC MANAGEMENT SYSTEM INSTALLATION	L SUM	1	1								
Z0076600	TRAINEES	HOUR	2500	2500								
Z0076604	TRAINEES-TRAINING PROGRAM GRADUATE	HOUR	2500	2500								
* X0327272	MAINTENANCE OF EXISTING TRAFFIC CONTROL	CAL MO	30	30								
X0327613	REMOVE EXISTING WEATHER STATION	L SUM	1	1								
X5030353	CONCRETE WEARING SURFACE, 5 1/4"	SQ YD	1076				1076					
X5210245	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 1150K	EACH	19				19					

0042

* SPECIALTY ITEM

FILE NAME :	USER NAME : #USER*	DESIGNED - ESW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMBINED SUMMARY OF QUANTITIES, NORTH TRI LEVEL			F.A.I R/E.L.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
5044jps1401897.57 2/2/09 11:41:00 am		DRAWN - ESW	REVISED -					57/70		EFFINGHAM	1760	29	
		CHECKED - BRM	REVISED -								CONTRACT NO. 74295		
		DATE - 08-28-09	REVISED -					SCALE:	SHEET NO. 27 OF 27 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4)R & (25-4HVB-1)BY	EFFINGHAM	1760	30
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 74295		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED HIGHWAY IMPROVEMENT

FOR INDEX OF SHEETS, SEE SHEET NO. 31

FAI ROUTE 57/70
SECTION (25-4)R AND (25-4HVB-1)BY
PROJECT
EFFINGHAM COUNTY

US ROUTE 45 AND NORTH TRI LEVEL INTERCHANGE RECONSTRUCTION,
BRIDGE, LIGHTING, AND TRAFFIC SIGNALS



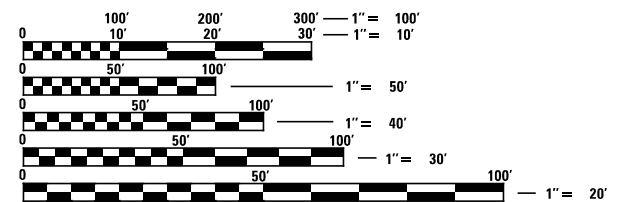
SECTION (25-4HVB-1)BY INCLUDES THE REMOVAL OF THE EXISTING 5 SPAN DUAL STRUCTURES 355'-8" BACK TO BACK OF ABUTMENTS AND REPLACEMENT WITH NEW DUAL 2 SPAN STRUCTURES 380'-2" BACK TO BACK OF ABUTMENTS. THE REPLACEMENT STRUCTURES CONSISTS OF PLATE GIRDERS WITH COMPOSITE CONCRETE DECK ON REINFORCED CONCRETE PIERS AND INTERGRAL ABUTMENTS FOR THE STRUCTURES CARRYING FAI 57/70 OVER C.N. RAILROAD. AND US ROUTE 45. STA 2293+48.57 (FAI 57/70)
SN 025-0013 EB (EX)
SN 025-0014 WB (EX)
SN 025-0112 EB (PROP)
SN 025-0111 WB (PROP)

C-97-041-08

SECTION (25-4)R ENDS
STA 2413+00.00

SECTION (25-4)R BEGINS
STA 2268+00.00

SECTION (25-4HVB-1)BY INCLUDES THE EXTENSION OF THE EXISTING Y-SHAPED SINGLE CELL BOX CULVERT. THE NORTH BRANCH WILL BE EXTENDED WITH A 10' X 8' REINFORCED CONCRETE BOX CULVERT. THE SOUTH BRANCH WILL BE EXTENDED WITH A 17' X 10' REINFORCED CONCRETE BOX CULVERT.
SN 025-8648

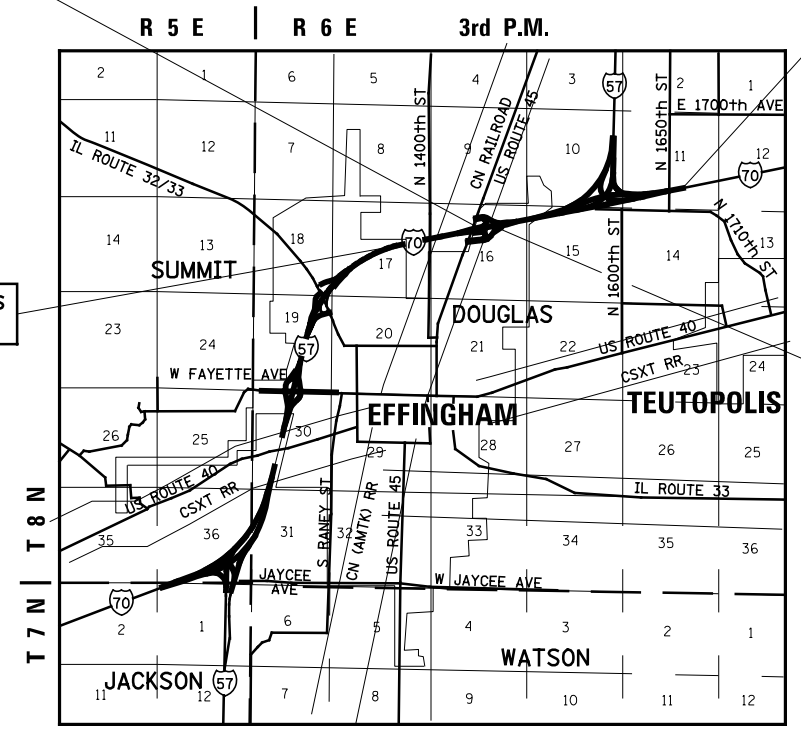


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: TOM RONAN (217)342-8320

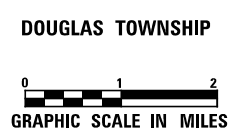
CONTRACT NO. 74295



DESIGN DESIGNATION

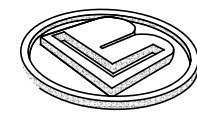
7070(30)	PRINCIPAL ARTERIAL INTERSTATE 122.67 (CRCP-20)
ADT 45,400 (2010)	FAI 57/70 45% TRUCKS
ADT 20,300 (2010)	FAI 57 34% TRUCKS
ADT 25,300 (2010)	FAI 70 52% TRUCKS

LOCATION MAP



GROSS SECTION LENGTH = 14,500.00 FEET = 2.746 MILES
NET SECTION LENGTH = 14,500.00 FEET = 2.746 MILES

SET 1 OF 2



BERNARDIN * LOCHMUELLER & ASSOCIATES, INC.
3 OAK DRIVE
MARYVILLE, ILLINOIS 62062
PHONE (618) 288-4665
FAX (618) 288-4666

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GENERAL NOTES

- 46. EXISTING SUBBASE GRANULAR MATERIAL AS DEPICTED ON EXISTING TYPICAL SECTIONS SHALL BE REMOVED AND COST IS INCLUDED IN PAVEMENT REMOVAL. THIS MATERIAL MAY BE USED IN EMBANKMENT CONSTRUCTION IN ACCORDANCE WITH ARTICLE 205.04 OR AS OTHERWISE DIRECTED BY THE ENGINEER. END AREAS INDICATED ON THE VARIOUS CROSS SECTIONS DO NOT REFLECT EARTHWORK AREAS ASSOCIATED WITH THE EXISTING SUBBASE GRANULAR MATERIAL. ADJUSTMENTS WERE MADE DURING THE ACTUAL EARTHWORK ANALYSIS THAT REFLECTS ADJUSTMENTS TO THE EARTHWORK VOLUMES DUE TO THE EXISTING SUBBASE GRANULAR MATERIAL.
- 47. AT LOCATIONS WHERE THE COVER OVER THE TOP OF THE EXISTING AND PROPOSED CULVERTS, STORM SEWERS AND DRAINAGE STRUCTURES AND THE BOTTOM OF THE PROPOSED PAVEMENT IS LESS THAN 18" THE CONTRACTOR WILL CEASE HIS/HER SOIL MODIFICATION OPERATIONS 10' FROM THE CENTERLINE OF THE DRAINAGE PIPE OR STRUCTURE, OR AS DIRECTED BY THE ENGINEER, AND SUBSTITUTE SUBBASE GRANULAR MATERIAL, TYPE B FOR THE LIME STABILIZATION. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR PROCESSING MODIFIED SOIL 12", WITH NO ADDITIONAL COMPENSATION BEING ALLOWED. THE CONTRACTOR SHALL BE LIABLE FOR ANY DAMAGE TO THESE CULVERTS AS DETERMINED BY THE ENGINEER.
- 48. PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH INCLUDED IN THIS CONTRACT FOR CONSTRUCTION SHALL BE FINISHED IN ACCORDANCE WITH ARTICLE 424.06 OF THE STANDARD SPECIFICATIONS EXCEPT ALL TRANSVERSE GROOVES 3/8 X 3/4 INCH SHALL BE SAW CUT AND SEALED WITH A HOT POURED SEALER MEETING THE APPROVAL OF THE ENGINEER. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR SAWCUTTING AND SEALING OF JOINTS.
- 49. THE CONTRACTOR SHALL BE REQUIRED TO NOTIFY JOSH PORTER, (217) 342-8291, FOURTEEN (14) DAYS PRIOR TO ACTUAL FULL CLOSURE OF ANY MAINLINE, FAI-57/70, PAVEMENTS. THE NOTIFICATION TIME PERIOD WILL ALLOW FOR ANY RETIMING OF TRAFFIC SIGNALS ALONG THE DETOUR ROUTES.
- 50. PROVISIONS ARE INCLUDED IN THIS CONTRACT TO PROVIDE DRAINAGE DURING STAGE CONSTRUCTION OPERATIONS AS DIRECTED BY THE ENGINEER. 1,000 FEET PIPE DRAINS 4", 20 CU YD CONTROLLED LOW-STRENGTH MATERIAL, AND 250 FEET DIRECTIONAL BORING HAS BEEN INCLUDED AND ARE ESTIMATED QUANTITIES. IT IS ANTICIPATED THAT SOME OF THE PIPE DRAINS WILL BE DIRECTIONAL BORED UNDER EXISTING PAVEMENT TO PROVIDE DRAINAGE AND LATER FILLED WITH CONTROLLED LOW-STRENGTH MATERIAL AS DIRECTED BY THE ENGINEER. THE COST OF PIPE DRAINS SHALL INCLUDE ANY NECESSARY FITTINGS OR ELBOWS.
- 51. THE FACTOR USED TO COMPUTE THE QUANTITY OF STONE MATRIX ASPHALT SURFACE COURSE IS 130 POUNDS PER SQUARE YARD AND 112 POUNDS PER SQUARE YARD PER INCH FOR ALL OTHER MIXES.
- 52. THE MINIMUM THICKNESS ON POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, N80 SHALL BE 2 ".

COMMITMENT - NONE

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

NITROGEN FERTILIZER NUTRIENT	90	LBS / ACRE
PHOSPHORUS FERTILIZER NUTRIENT	90	LBS / ACRE
POTASSIUM FERTILIZER NUTRIENT	90	LBS / ACRE
AGRICULTURAL GROUND LIMESTONE	2	TONS / ACRE
MULCH, METHOD 2	2	TONS / ACRE
AGGREGATE (EROSION CONTROL)	1.9	TONS / CU YD
LIME	4.2*	LBS / SQ YD / INCH
BITUMINOUS MATERIALS (PRIME COAT)	0.075	GAL / SQ YD
AGGREGATE (PRIME COAT)	0.0015	TONS / SQ YD
HOT-MIX ASPHALT SURFACE COURSE	0.056	TONS / SQ YD / INCH
INCIDENTAL HOT-MIX ASPHALT SURFACING	0.056	TONS / SQ YD / INCH
HOT-MIX ASPHALT SHOULDERS	0.056	TONS / SQ YD / INCH
HOT-MIX ASPHALT SMA SURFACE COURSE	0.065	TONS / SQ YD / INCH
AGGREGATE WEDGE SHOULDER, TYPE B	2.1	TONS / CU YD

* 5% BY WEIGHT

FILE NAME =	USER NAME = john	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
S:\Project\03-00072-57-70.dgn\11 Trk\Aggnotes.dgn	PLOT SCALE = 100.0000' / IN.	DRAWN - PDB	REVISED -			57/70	(25-4)R & (25-4)VB-1BY	EFFINGHAM	1760	33	
	PLOT DATE = 6/19/2013	CHECKED - BRM	REVISED -			SCALE: SHEET NO. 3 OF 3 SHEETS STA. TO STA.		CONTRACT NO. 74295			
		DATE - 5-7-08	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

SUMMARY OF QUANTITIES

CODED NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				(25-4)R		(25-4)VB-1)BY		
				ROADWAY 0003	ROADWAY 0005	SIGNALS LIGHTING 0021	SN 025-8648 0040	BRIDGE SN 025-0111 (WB) SN 025-0112 (EB) 0010
	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	423	423				
	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	1499	1499				
	TREE REMOVAL, ACRES	ACRE	8.25	8.25				
	EARTH EXCAVATION	CU YD	167155	167155				
	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	243.5	243.5				
	FURNISHED EXCAVATION	CU YD	226840	226840				
	TRENCH BACKFILL	CU YD	3413	3413				
	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	402540	402540				
	SEEDING, CLASS 2	ACRE	76	76				
	SEEDING, CLASS 3	ACRE	2	2				
	SEEDING, CLASS 7	ACRE	85	85				
	NITROGEN FERTILIZER NUTRIENT	POUND	6390	6390				
	PHOSPHORUS FERTILIZER NUTRIENT	POUND	6390	6390				
	POTASSIUM FERTILIZER NUTRIENT	POUND	6390	6390				
	AGRICULTURAL GROUND LIMESTONE	TON	4	4				
	MOWING	ACRE	77	77				
	MULCH, METHOD 2	ACRE	77	77				
	EROSION CONTROL BLANKET	SQ YD	2860	2860				
	EARTH EXCAVATION FOR EROSION CONTROL	CU YD	40	40				
	TEMPORARY DITCH CHECKS	FOOT	9131	9131				
	PERIMETER EROSION BARRIER	FOOT	28070	28070				
	INLET AND PIPE PROTECTION	EACH	102	102				
	AGGREGATE (EROSION CONTROL)	TON	13	13				
	STONE RIPRAP, CLASS A3	SQ YD	589	589				
	STONE RIPRAP, CLASS A4	SQ YD	6444	6444				
	STONE RIPRAP, CLASS A5	SQ YD	250	250				
	FILTER FABRIC	SQ YD	6694	6694				
	PROCESSING MODIFIED SOIL 12"	SQ YD	222209	222209				
	PROCESSING MODIFIED SOIL 24"	SQ YD	11179	11179				
	LIME	TON	5091.7	5091.7				
	SLAG-MODIFIED PORTLAND CEMENT	TON	845	845				
	STABILIZED SUB-BASE - HOT MIX ASPHALT, 4"	SQ YD	233004	233004				
	AGGREGATE BASE COURSE, TYPE B	TON	2760	2760				
	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	2661	2661				
	AGGREGATE (PRIME COAT)	TON	54	54				
	LEVELING BINDER (MACHINE METHOD), N105	TON	173	173				
	TEMPORARY RAMP	SQ YD	185	185				
	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	954	954				
	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80	TON	3063	3063				
	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	401	401				
	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N105	TON	197	197				
	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	734	734				
	AGGREGATE (PRIME COAT)	TON	15	15				
	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	4728	4728				

CODED NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				(25-4)R		(25-4)VB-1)BY		
				ROADWAY 0003	ROADWAY 0005	SIGNALS LIGHTING 0021	SN 025-8648 0040	BRIDGE SN 025-0111 (WB) SN 025-0112 (EB) 0010
	PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED)	SQ YD	23730	23730				
	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	5703	5703				
	PORTLAND CEMENT CONCRETE PAVEMENT 12"	SQ YD	36812	36812				
	PAVEMENT FABRIC	SQ YD	47367	47367				
	PROTECTIVE COAT	SQ YD	87412	87412				
	BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)	SQ YD	325	325				
	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 13"	SQ YD	181801	181801				
	PAVEMENT REINFORCEMENT	SQ YD	181801	181801				
	PROTECTIVE COAT	SQ YD	186169	186169				
	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	1120	1120				
	PAVEMENT REMOVAL	SQ YD	109941	109941				
	COMBINATION CURB & GUTTER REMOVAL	FOOT	1802	1802				
	SIDEWALK REMOVAL	SQ FT	1152	1152				
	MEDIAN REMOVAL PARTIAL DEPTH	SQ FT	17147	17147				
	PAVED DITCH REMOVAL	FOOT	1695	1695				
	PAVED SHOULDER REMOVAL	SQ YD	58718	58718				
	CLASS B PATCHES, TYPE IV, 12 INCH	SQ YD	87	87				
	CLASS B PATCHES, TYPE II, 16 INCH	SQ YD	67	67				
	CLASS B PATCHES, TYPE III, 16 INCH	SQ YD	32	32				
	DWEL BARS 1 1/2"	EACH	260	260				
	PAVEMENT FABRIC	SQ YD	119	119				
	SAW CUTS	FOOT	721	721				
	TIE BARS 3/4"	EACH	25	25				
	AGGREGATE SHOULDERS, TYPE B	TON	5393	5393				
	AGGREGATE WEDGE SHOULDER, TYPE B	TON	157	157				
	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	1745	1745				
	HOT-MIX ASPHALT SHOULDERS	TON	1298	1298				
	PORTLAND CEMENT CONCRETE SHOULDERS 13"	SQ YD	10555	10555				
	REMOVAL OF EXISTING STRUCTURES	EACH	2	2				2
	CONCRETE REMOVAL	CU YD	85.2	12.7			72.5	
	CONCRETE HEADWALL REMOVAL	EACH	4	4				
	SLOPE WALL REMOVAL	SQ YD	2575	2575				
	PIPE CULVERT REMOVAL	FOOT	2396	2396				
	PROTECTIVE SHIELD	SQ YD	2104	2104				2104
	STRUCTURE EXCAVATION	CU YD	1801	1801				1801
	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS FOR STRUCTURES	CU YD	224.6	224.6				224.6
	FLOOR DRAINS	EACH	92	92				92
	CONCRETE STRUCTURES	CU YD	1327.3	1327.3				1327.3
	CONCRETE SUPERSTRUCTURE	CU YD	2165.1	2165.1				2165.1
	BRIDGE DECK GROOVING	SQ YD	7165	7165				7165
	PROTECTIVE COAT	SQ YD	8367	8367				8367
	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1	1				1
	STUD SHEAR CONNECTORS	EACH	20908	20908				20908
	REINFORCEMENT BARS	POUND	60350	24550			35800	

SUMMARY OF QUANTITIES

CODED NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				(25-41R)		(25-4HVB-1)BY		
				ROADWAY 0003	ROADWAY 0005	SIGNALS LIGHTING 0021	SN 025-8648 0040	BRIDGE SN 025-0111 (WB) SN 025-0112 (EB) 0010
	TRAFFIC CONTROL SURVEILLANCE	CAL DA	650	650				
	SHORT TERM PAVEMENT MARKING	FOOT	13775	13775				
	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	603	603				
	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	112590	112590				
	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	21625	21625				
	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	11035	11035				
	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	2067	2067				
	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	115	115				
	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	60044	60044				
	TEMPORARY CONCRETE BARRIER	FOOT	31938	31938				
	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	35100	35100				
	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	9	9				
	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	1	1				
	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	18	18				
	SIGN PANEL - TYPE 1	SQ FT	656.4	632	24.4			
	SIGN PANEL - TYPE 2	SQ FT	368	368				
	SIGN PANEL - TYPE 3	SQ FT	9257	9257				
	REMOVE SIGN PANEL - TYPE 3	SQ FT	5188	5188				
	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	30821	30821				
	WOOD SIGN SUPPORT	FOOT	1433	1433				
	OVERHEAD SIGN STRUCTURE - SPAN, TYPE I-A (4'-0" X 4'-6")	FOOT	381	381				
	OVERHEAD SIGN STRUCTURE WALKWAY, TYPE A	FOOT	310	310				
	OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE II-C-A (36" X 5'-6")	FOOT	120	120				
	CONCRETE FOUNDATIONS	CU YD	67.2	67.2				
	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	116.5	116.5				
	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	5	5				
	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	44	44				
	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	44	44				
	REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	10	10				
	PREFORMED THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	234	234				
	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	603	603				
	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	112590	112590				
	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	21625	21625				
	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	11035	11035				
	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	2067	2067				
	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	115	115				
	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1680	1680				
	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	66	66				
	GUARDRAIL MARKERS, TYPE A	EACH	134	134				
	TERMINAL MARKER - DIRECT APPLIED	EACH	20	20				
	PAVEMENT MARKING REMOVAL	SQ FT	627	627				
	ELECTRIC SERVICE INSTALLATION	EACH	3		3			
	SERVICE INSTALLATION, TYPE A	EACH	1		1			
	UNDERGROUND CONDUIT, PVC, 3/4" DIA.	FOOT	53		53			

CODED NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				(25-41R)		(25-4HVB-1)BY		
				ROADWAY 0003	ROADWAY 0005	SIGNALS LIGHTING 0021	SN 025-8648 0040	BRIDGE SN 025-0111 (WB) SN 025-0112 (EB) 0010
	UNDERGROUND CONDUIT, PVC, 1 1/4" DIA.	FOOT	221	160		61		
	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	755			755		
	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	766			766		
	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	108			108		
	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	212	212				
	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	410			410		
	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2 1/2" DIA.	FOOT	1255			1255		
	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 3" DIA.	FOOT	350			350		
	CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA., GALVANIZED STEEL	FOOT	15			15		
	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	7735			7735		
	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	4			4		
	JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STRUCTURE, 8" X 24" X 10"	EACH	7			7		
	HANDHOLE	EACH	5			5		
	HEAVY-DUTY HANDHOLE	EACH	4	4				
	DOUBLE HANDHOLE	EACH	1			1		
	GULFBOX JUNCTION	EACH	7			7		
	UNIT DUCT, 600V, 2-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	10719			10719		
	UNIT DUCT, 600V, 2-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	10922			10922		
	UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	8888			8888		
	UNIT DUCT, 600V, 2-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	1020			1020		
	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	1895			1895		
	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	14709			14709		
	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	13674			13674		
	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	178			178		
	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 400 WATT	EACH	4			4		
	SIGN LIGHTING (HIGH PRESSURE SODIUM)	EACH	30			30		
	LIGHTING CONTROLLER, POLE MOUNTED, 240VOLT, 30AMP	EACH	1			1		
	LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 100AMP	EACH	2			2		
	LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 200AMP	EACH	1			1		
	LIGHT POLE, ALUMINUM, 45 FT. M.H., 8 FT. DAVIT ARM - TWIN	EACH	31			31		
	LIGHT POLE, ALUMINUM, 50 FT. M.H., 15 FT. DAVIT ARM	EACH	106			106		
	LIGHT POLE, ALUMINUM, 50 FT. M.H., 15 FT. DAVIT ARM, TWIN	EACH	5			5		
	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8" X 8"	EACH	107			107		
	BROADWAY DEVICE, COUPLING, WITH STAINLESS STEEL SCREEN	EACH	380			380		
	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	19			19		
	REMOVAL OF POLE FOUNDATION	EACH	10			10		
	REMOVAL OF LIGHTING CONTROLLER	EACH	4			4		
	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	2			2		
	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	4			4		
	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1			1		
	FLASHER CONTROLLER	EACH	1			1		
	UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1			1		
	CONTROLLER CABINET TYPE III	EACH	1	1				
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	790			790		

FILE NAME: 5/25/08 10:00 AM 2008-11-04 10:00 AM

USER NAME: USER
 PLOT SCALE: 1/8"=1'-0"
 PLOT DATE: 11-04-08

DESIGNED - ESW
 DRAWN - ESW
 CHECKED - BRM
 DATE - 11-04-08

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES, NORTH TRI LEVEL

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

F.A.I. RTE. 57/70	SECTION (25-41R & (25-4HVB-1)BY	COUNTY EFFINGHAM	TOTAL SHEETS 1760	SHEET NO. 36
FED. ROAD DIST. NO. (ILLINOIS) FED. AID PROJECT			CONTRACT NO. 74295	

SUMMARY OF QUANTITIES

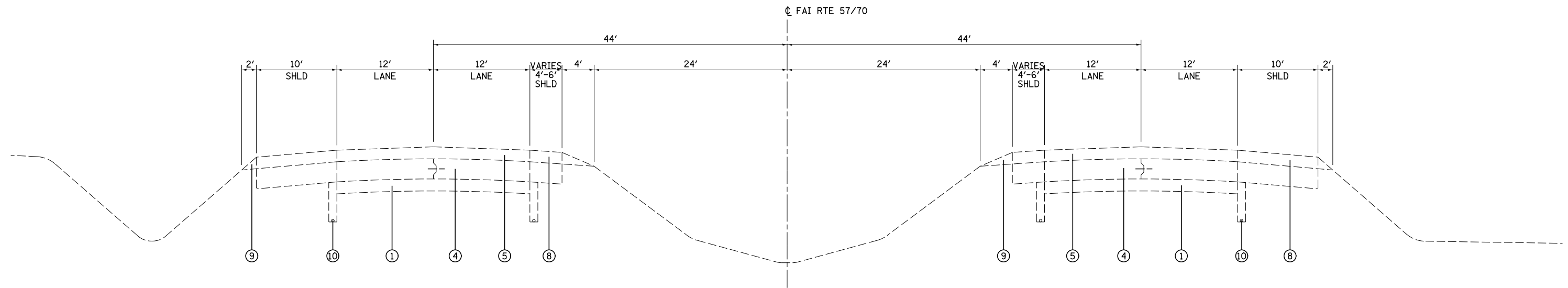
CODED NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				(25-4IR)		(25-4HVB-1)BY		
				ROADWAY 0003	ROADWAY 0005	SIGNALS LIGHTING 0021	SN 025-8648 0040	BRIDGE SN 025-0111 (WB) SN 025-0112 (EB) 0010
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2017			2017		
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1467			1467		
	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	3905			3905		
	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	35			35		
	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	591			591		
	TRAFFIC SIGNAL POST, ALUMINUM 16 FT.	EACH	3			3		
	STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	1			1		
	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 34 FT.	EACH	1			1		
	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1			1		
	CONCRETE FOUNDATION, TYPE A	FOOT	9			9		
	CONCRETE FOUNDATION, TYPE C	FOOT	3.5			3.5		
	CONCRETE FOUNDATION, TYPE D	EACH	1	1				
	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	10			10		
	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	24			24		
	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, POST MOUNTED	EACH	1			1		
	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2			2		
	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4			4		
	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	2			2		
	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1			1		
	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1			1		
	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	12			12		
	INDUCTIVE LOOP DETECTOR	EACH	14			14		
	DETECTOR LOOP, TYPE I	FOOT	2182	1045		1137		
	LIGHT DETECTOR	EACH	3			3*		
	LIGHT DETECTOR AMPLIFIER	EACH	1			1*		
	REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE	EACH	1			1		
	EVERGREEN, PINUS STROBUS (EASTERN WHITE PINE), 6' HEIGHT, BALLED AND BURLAPPED	EACH	900	900				
	PIEZO AXLE SENSOR, CLASS II	FOOT	66	66				
	RODENT SHIELDS	EACH	129	129				
	BEDDING MATERIAL, SPECIAL	CU YD	213.3	213.3				
	TEMPORARY MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	5825	5825				
	CLASS ST CONCRETE (MISCELLANEOUS)	CU YD	188	188				
	DIRECTIONAL BORING	FOOT	250	250				
	TRAFFIC CONTROL SUPERVISOR	CAL DA	650	650				
	REMOVE AND RELAY END SECTIONS	EACH	4	4				
	PRELIMINARY TEST STRIP	EACH	1	1				
	WIDE FLANGE BEAM TERMINAL JOINT COMPLETE (SPECIAL)	EACH	5	5				
	TEMPORARY PAVEMENT REMOVAL	SQ YD	11546	11546				
	HOT-MIX ASPHALT REMOVAL, VARIABLE DEPTH	SQ YD	34044	34044				
	CONCRETE MEDIAN SURFACE REMOVAL	SQ FT	338	338				
	PAVEMENT REMOVAL (SPECIAL)	SQ YD	42443	42443				
	PARTIAL DEPTH PATCHING	TON	257	257				
	PARTIAL DEPTH REMOVAL (VARIABLE DEPTH)	SQ YD	3913	3913				
	REMOVE AND RE-INSTALL PIPE CULVERTS	FOOT	158	158				

* CITY

CODED NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				(25-4IR)		(25-4HVB-1)BY		
				ROADWAY 0003	ROADWAY 0005	SIGNALS LIGHTING 0021	SN 025-8648 0040	BRIDGE SN 025-0111 (WB) SN 025-0112 (EB) 0010
	PRECAST BRIDGE APPROACH SLAB	SQ FT	9680					9680
	CONCRETE ANCHORS	EACH	22	22				
	PRECAST CONCRETE BOX CULVERTS 8' X 6' (SPECIAL)	FOOT	161	161				
	GRANULAR BACKFILL FOR STRUCTURES	CU YD	1077					1077
	FILLING INLETS, SPECIAL	EACH	4	4				
	CONCRETE MEDIAN, TYPE SM (DOWELLED)	SQ FT	17147	17147				
	GUARD POSTS REMOVAL	EACH	10	10				
	CONCRETE BARRIER WALL (SPECIAL)	FOOT	37	37				
	CONCRETE BARRIER, VARIABLE CROSS-SECTION 42" HEIGHT	FOOT	722	722				
	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	0.97	0.97				
	CHANGEABLE MESSAGE SIGN, SPECIAL	GAL MO	520	520				
	TRAFFIC CONTROL AND PROTECTION FOR ALTERNATE ROUTE SIGNING	CAL MO	30	30				
	PREFORMED THERMOPLASTIC PAVEMENT MARKING SHIELD	EACH	7	7				
	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS AND SYMBOLS	SQ FT	1329	1329				
	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	112590	112590				
	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	21625	21625				
	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	11035	11035				
	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	2067	2067				
	RELOCATE ELECTRIC SERVICE	L SUM	1	1				
	CONDUIT ATTACHED TO STRUCTURE, 2" DIA. STAINLESS STEEL	FOOT	40			40		
	LIGHT POLE FOUNDATION, SPECIAL	EACH	23			23		
	TEMPORARY LIGHTING SYSTEM	L SUM	1			1		
	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	823			823*		
	ELECTRIC CABLE IN CONDUIT, CONOGA - 30003	FOOT	1830	1830				
	MODIFY EXISTING LIGHTING CONTROLLER	EACH	1			1		
	LIGHT POLE FOUNDATION, INTEGRAL WITH BARRIER WALL	EACH	8			8		
	TRAFFIC CONTROL AND PROTECTION (DETOUR)	L SUM	0.5	0.5				
	APPROACH SLAB REMOVAL	SQ YD	843	843				
	CONSTRUCTION LAYOUT	L SUM	1	1				
	DECK SLAB REPAIR (PARTIAL)	SQ YD	10					10
	DETOUR SIGNING	L SUM	1	1				
	DRAINAGE SYSTEM	L SUM	0.75					0.75
	TEMPORARY SHEET PILING	SQ FT	11924	8863				3061
	DIAMOND GRINDING (BRIDGE SECTION)	SQ YD	7165					7165
	MATERIAL TRANSFER DEVICE	TON	2640	2640				
	POLYMER CONCRETE	CU FT	11					11
	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	435					435
	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1				
	ROCK FILL - REPLACEMENT	TON	232.7	63			169.7	
	ROCK FILL - FOUNDATION	TON	133.6				133.6	
	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	2437	0			1306	1131
	TRAFFIC MANAGEMENT SYSTEM	CAL MO	30	30				
	TRAFFIC MANAGEMENT SYSTEM INSTALLATION	L SUM	1	1				
	TRAINEES	hour	2500	2500				

* CITY

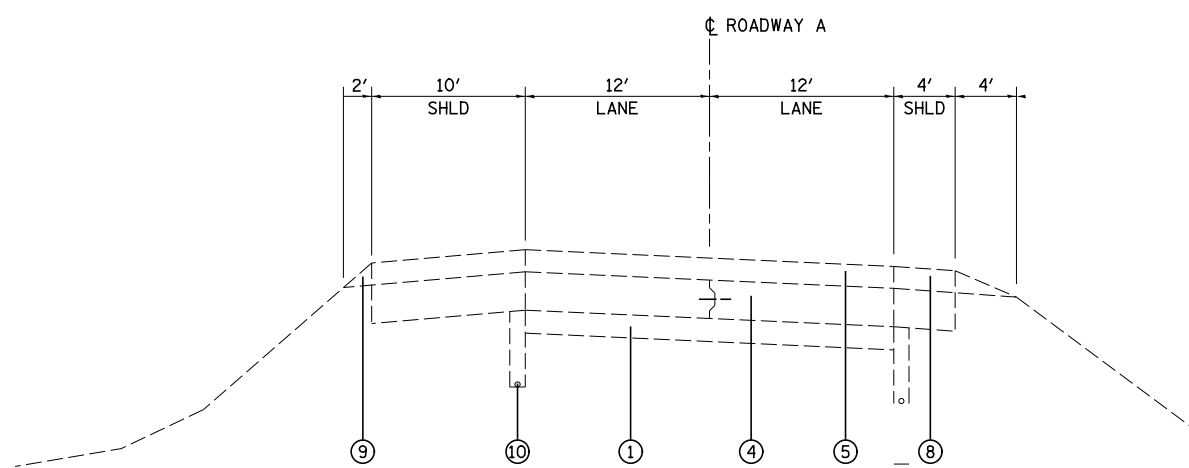
FILE NAME =	USER NAME = bating	DESIGNED - ESW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES, NORTH TRI LEVEL	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
5/29/2013 10:23:37 AM	PLOT SCALE = 100.0000' / 1" =	DRAWN - ESW	REVISED -			57/70	(25-4IR & (25-4HVB-1)BY	EFFINGHAM	1760	37	
	PLOT DATE = 6/28/2013	CHECKED - BRM	REVISED -			CONTRACT NO. 74295					
		DATE - 11-04-08	REVISED -			SCALE:	SHEET NO. 4 OF 4 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT



EXISTING MAINLINE TANGENT SECTION

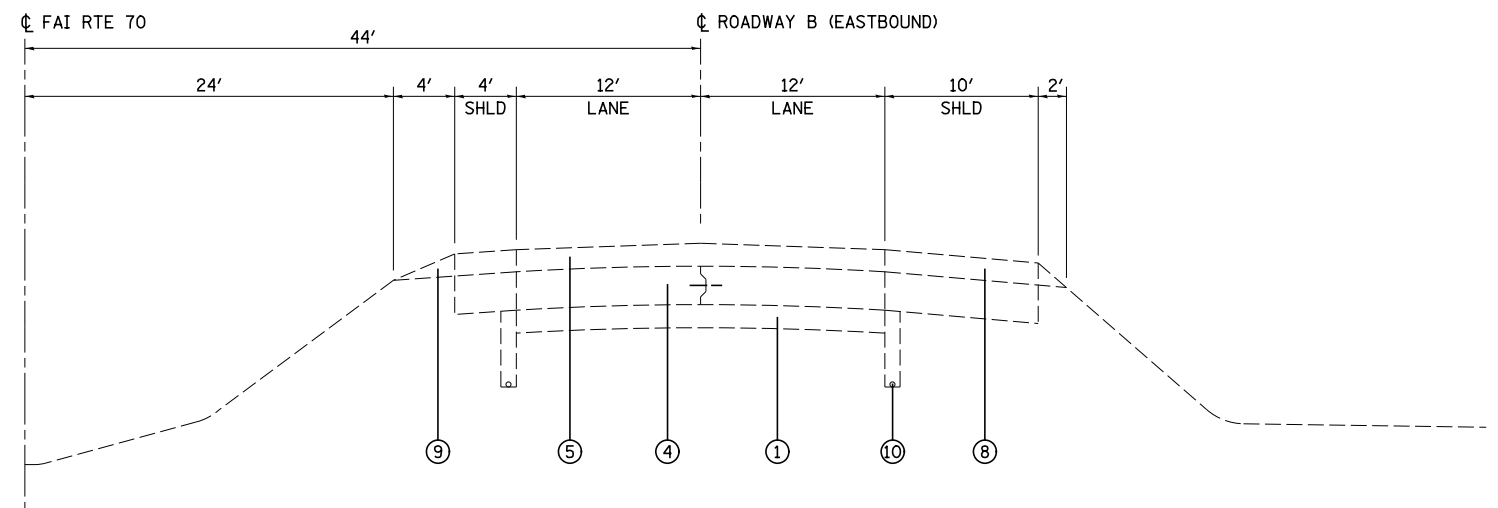
STA 2268+00.00 TO STA 2341+68.91 (FAI RTE 57/70)
 STA 2397+92.03 TO STA 2413+00.00 (FAI RTE 70)

BRIDGE OMISSION - STA 2291+69.90 TO STA 2295+25.56 (FAI RTE 57/70)



EXISTING ROADWAY A SUPERELEVATED SECTION

STA 2341+68.91 TO STA 2398+50.69 (RDWY A)



EXISTING ROADWAY B TANGENT SECTION

STA 2341+68.91 TO STA 2397+92.03 (RDWY B)

LEGEND

- ① EXISTING SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ EXISTING PCC PAVEMENT 9" (w/PAVT FABRIC)
- ④ EXISTING PCC PAVEMENT 10" (w/LONG METAL JT & PAVT FABRIC)
- ⑤ EXISTING HOT-MIX ASPHALT SURFACE
- ⑥ EXISTING CONCRETE MEDIAN
- ⑦ EXISTING CURB OR CURB & GUTTER
- ⑧ EXISTING PAVED SHOULDER
- ⑨ EXISTING AGGREGATE SHOULDER
- ⑩ EXISTING PIPE UNDERDRAINS
- ⑪ EXISTING STABILIZED BASE COURSE
- ⑫ EXISTING CONCRETE SIDEWALK
- ⑬ EXISTING STABILIZED SUB-BASE
- ⑭ EXISTING PCC BASE COURSE

HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
 REMOVAL ITEMS

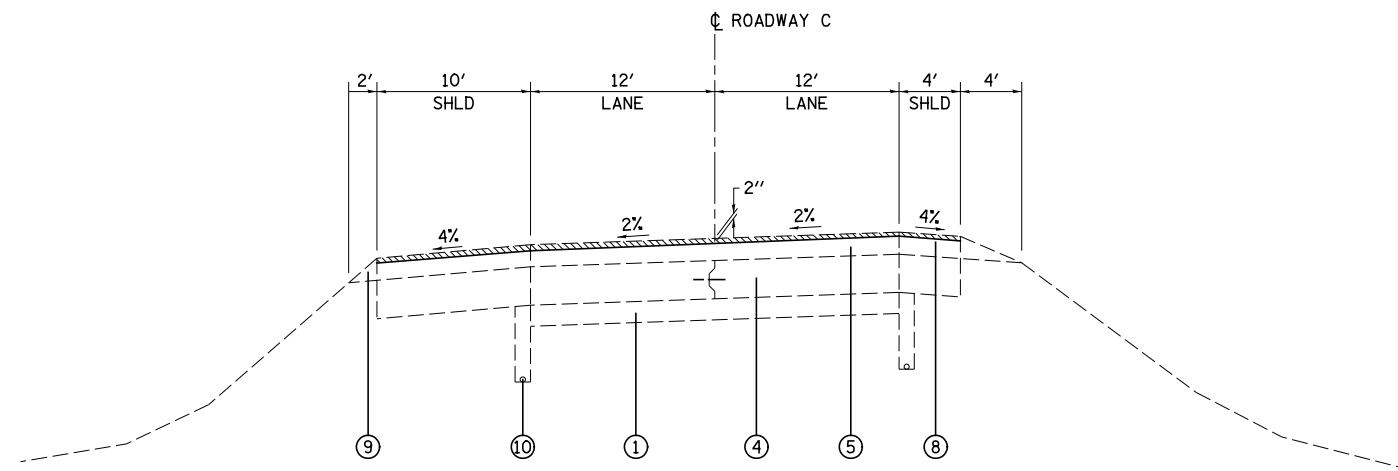
FILE NAME = *FILEL*	USER NAME = *USER*	DESIGNED - JWS	REVISED -
		DRAWN - RCB	REVISED -
	PLOT SCALE = *SCALE*	CHECKED - BRM	REVISED -
	PLOT DATE = *DATE*	DATE - 01/22/09	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL SECTIONS
 MAINLINE FAI ROUTES 57 / 70**

SCALE: 1"=50' SHEET NO. 1 OF 8 SHEETS STA. TO STA.

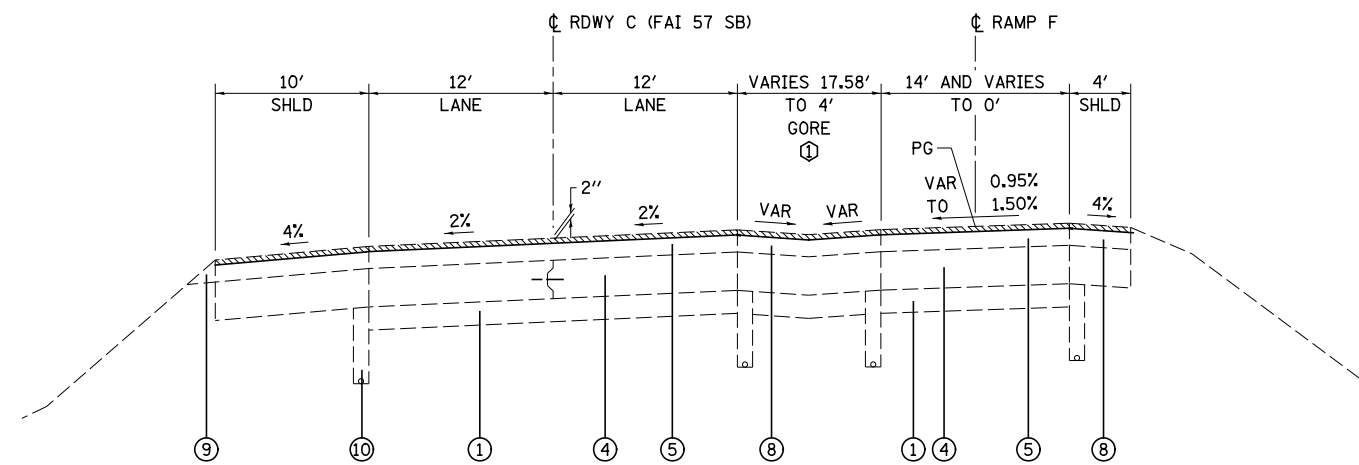
F.A.I. RTE. 57/70	SECTION (25-4R)	COUNTY EFFINGHAM	TOTAL SHEETS 1760	SHEET NO. 38
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 74295	



EXISTING ROADWAY C SUPERELEVATED SECTION

STA 5342+36.12 TO STA 5369+92.11 (RDWY C)
 STA 5384+55.18 TO STA 5399+12.31 (RDWY C)

MILLING BEGINS STA 5361+26.56



EXISTING ROADWAY C SUPERELEVATED SECTION

STA 5369+92.11 TO STA 5384+55.18 (RDWY C, FAI RTE 57 SB)

STATION EQUATION - STA 5380+27.78, RDWY C = STA 24+64.72, RAMP F

① GORE AREA 4', RT STA 5381+23.36

MILLING DEPTH IN INCHES

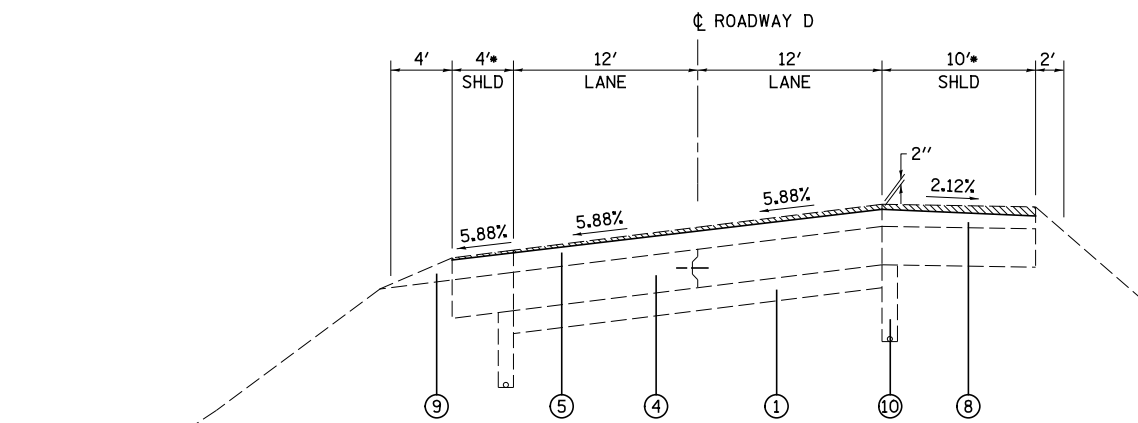
STATION	LEFT EDGE OF SHOULDER	LEFT EDGE OF PAVEMENT	CENTERLINE	RIGHT EDGE OF PAVEMENT	RIGHT EDGE OF SHOULDER
5361+26.56	4.75	5.00	2.00	0.00	0.00
5362+00.00	2.00	3.25	2.00	0.00	0.00
5363+00.00	0.00	1.75	2.00	1.75	1.25
5364+00.00	0.00	1.75	2.00	1.50	1.25
5365+00.00	0.25	1.75	2.00	1.75	1.00
5366+00.00	0.25	2.00	2.00	1.25	1.25
5367+00.00	0.25	2.00	2.00	1.25	0.75
5368+00.00	0.25	2.00	2.00	1.50	1.00
5369+00.00	0.00	1.75	2.00	1.25	1.00
5370+00.00	0.00	2.00	2.00	1.00	0.75
5371+00.00	0.00	2.00	2.00	1.50	1.25
5372+00.00	0.00	2.00	2.00	1.50	1.25
5373+00.00	0.00	2.00	2.00	1.50	1.25
5374+00.00	0.00	1.75	2.00	1.50	1.75
5375+00.00	0.00	1.75	2.00	1.50	1.25
5376+00.00	0.00	2.00	2.00	1.25	1.25
5377+00.00	0.00	2.00	2.00	1.50	1.25
5378+00.00	0.00	1.75	2.00	1.25	1.25
5379+00.00	0.00	1.75	2.00	1.75	1.50
5380+00.00	0.00	1.75	2.00	1.50	
5381+00.00	0.00	1.50	2.00	1.50	
5382+00.00	0.00	2.00	2.00	1.50	
5383+00.00	0.00	1.50	2.00	1.25	
5384+00.00	0.00	1.25	2.00	1.25	
5385+00.00	0.00	1.75	2.00	1.25	1.00
5386+00.00	0.00	1.75	2.00	1.50	0.75
5387+00.00	0.00	1.50	2.00	1.25	0.75
5388+00.00	0.00	1.75	2.00	1.50	1.00
5389+00.00	0.00	1.50	2.00	1.50	0.50
5390+00.00	0.00	1.75	2.00	1.75	1.25
5391+00.00	0.00	2.00	2.00	1.50	1.00
5392+00.00	0.00	1.75	2.00	1.25	0.75
5393+00.00	0.75	2.00	2.00	1.25	0.00
5394+00.00	1.25	2.25	2.00	1.75	0.25
5395+00.00	1.00	2.00	2.00	1.50	0.50
5396+00.00	0.50	1.00	2.00	2.00	0.50
5397+00.00	0.50	2.00	2.00	1.25	1.25
5398+00.00	0.75	2.00	2.00	1.25	0.00
5399+00.00	2.25	2.50	2.00	0.00	0.00
5400+00.00	3.75	2.75	2.00	1.50	2.50

LEGEND

- ① EXISTING SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ EXISTING PCC PAVEMENT 9" (w/PAVT FABRIC)
- ④ EXISTING PCC PAVEMENT 10" (w/LONG METAL JT & PAVT FABRIC)
- ⑤ EXISTING HOT-MIX ASPHALT SURFACE
- ⑥ EXISTING CONCRETE MEDIAN
- ⑦ EXISTING CURB OR CURB & GUTTER
- ⑧ EXISTING PAVED SHOULDER
- ⑨ EXISTING AGGREGATE SHOULDER
- ⑩ EXISTING PIPE UNDERDRAINS
- ⑪ EXISTING STABILIZED BASE COURSE
- ⑫ EXISTING CONCRETE SIDEWALK
- ⑬ EXISTING STABILIZED SUB-BASE
- ⑭ EXISTING PCC BASE COURSE

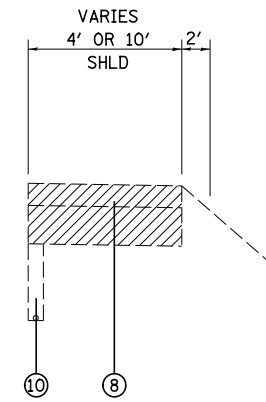
HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
 REMOVAL ITEMS

NOTE:
 PAVEMENT CROSS SLOPES INDICATED ON THE
 EXISTING TYPICAL SECTIONS REFLECT
 PROPOSED CROSS SLOPES AND ARE INDICATED
 TO CONTROL HOT-MIX ASPHALT SURFACE
 REMOVAL OPERATIONS.

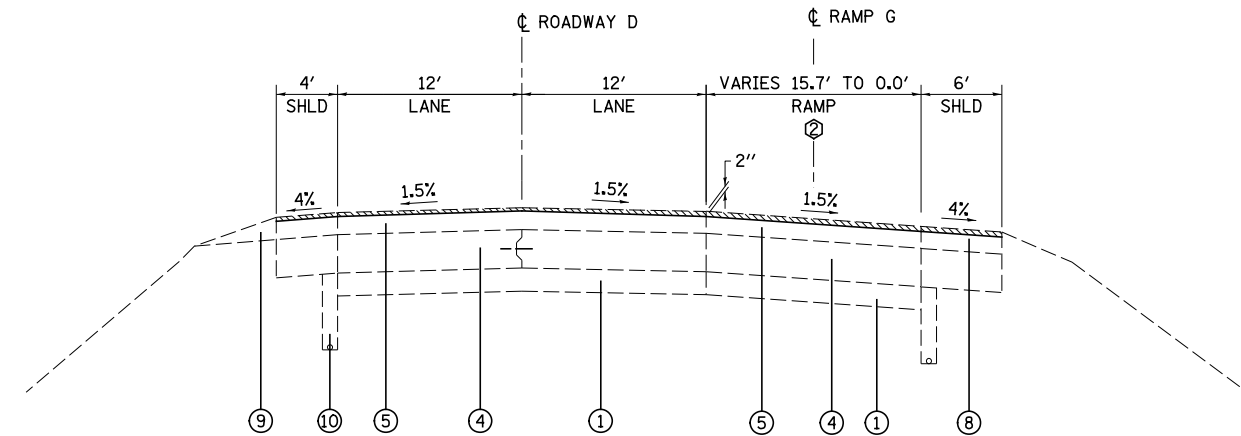


EXISTING ROADWAY D SUPERELEVATED SECTION

STA 5354+39.24 TO STA 5378+18.30 (RDWY D)
 MILLING BEGINS STA 5366+00.00
 BRIDGE OMISSION - STA 5366+16.93 TO STA 5368+26.63 (RDWY D)

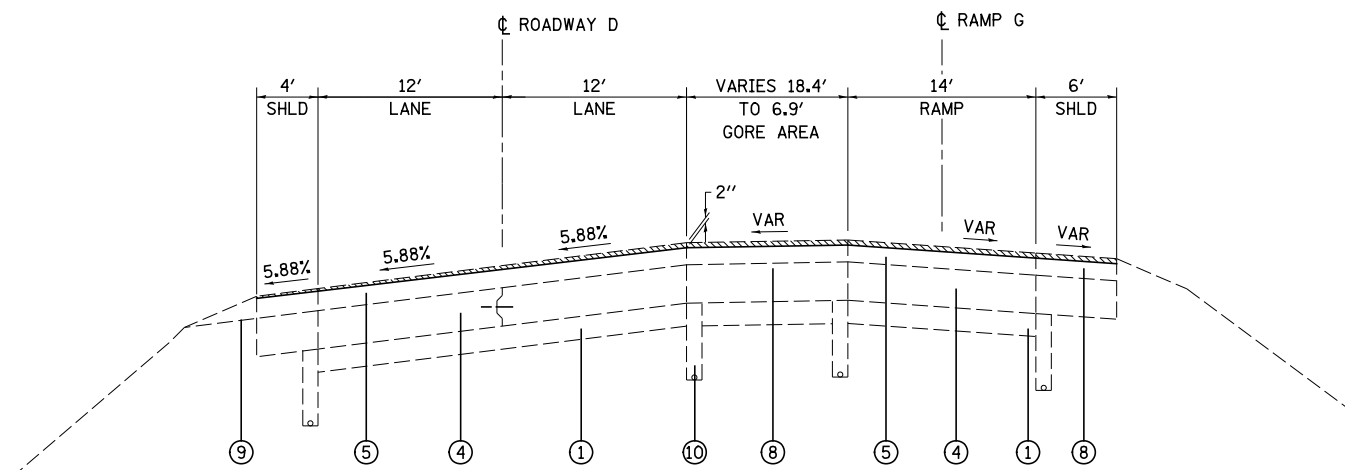


SHOULDER DETAIL
 RT STA 5368+26.63 TO
 STA 5377+30.00 (RDWY D) (10' WIDE)
 LT STA 5368+09.85 TO
 STA 5371+33.90 (RDWY D) (4' WIDE)



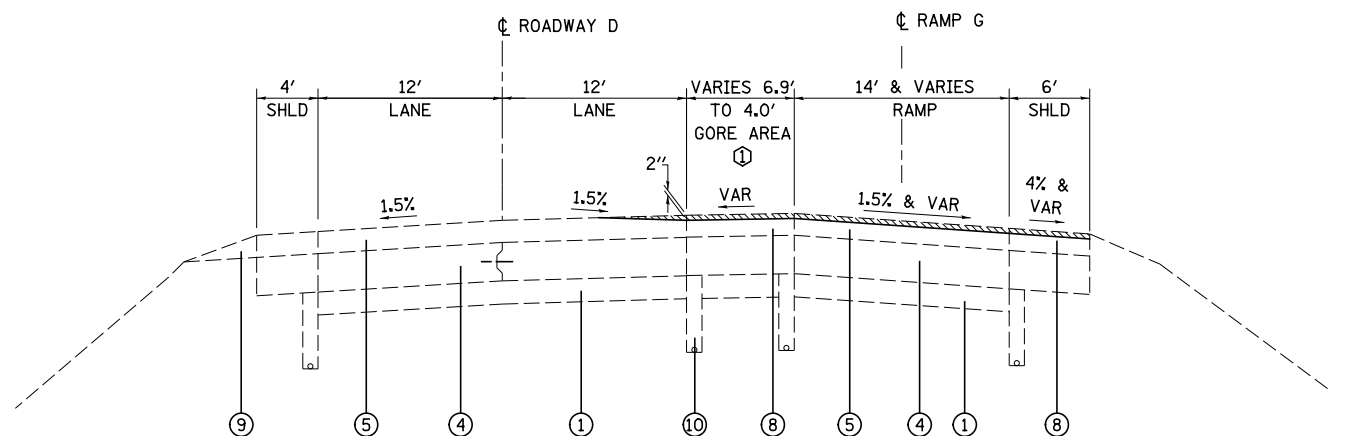
EXISTING ROADWAY D TANGENT SECTION

STA 5383+00.00 TO STA 5399+11.81
 RAMP G ENDS STA 5387+50.09



EXISTING ROADWAY D SUPERELEVATED SECTION

STA 5378+18.30 TO STA 5379+80.00



EXISTING ROADWAY D TANGENT SECTION

STA 5379+80.00 TO STA 5383+00.00
 GORE ENDS STA 5381+49.55

MILLING DEPTH IN INCHES

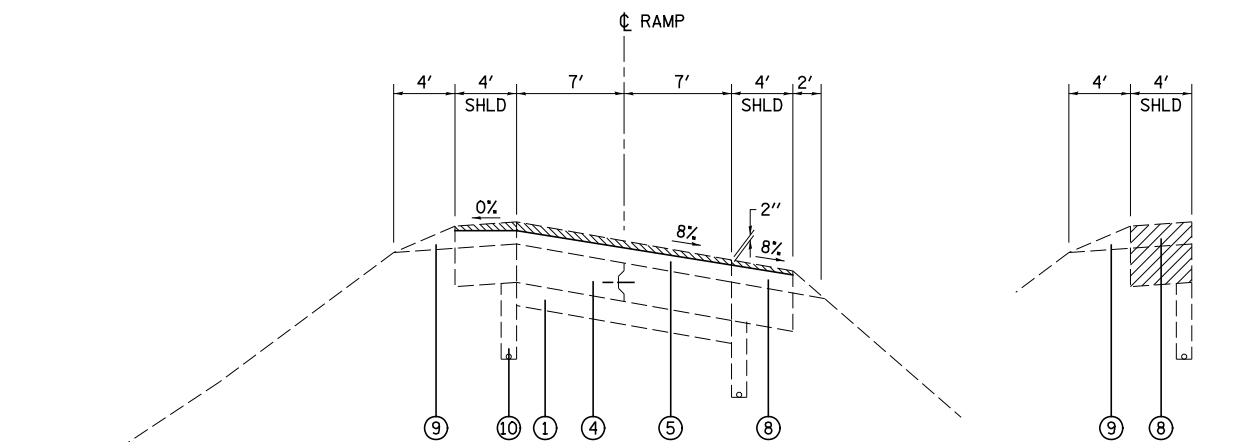
STATION	LEFT EDGE OF SHOULDER	LEFT EDGE OF PAVEMENT	CENTERLINE	RIGHT EDGE OF PAVEMENT	RIGHT EDGE OF SHOULDER
5368+30.00		2.25	2.50	2.00	
5369+00.00		2.50	2.25	2.00	
5370+00.00		1.75	2.00	2.00	
5371+00.00		2.25	2.25	2.00	
5372+00.00	1.25	2.00	2.00	2.00	
5373+00.00	0.75	1.50	1.75	2.00	
5374+00.00	0.75	1.50	1.50	2.00	
5375+00.00	0.00	1.00	1.50	2.00	
5376+00.00	0.75	1.25	1.50	2.00	
5377+00.00	0.25	1.25	1.50	2.00	
5378+00.00	0.00	1.00	1.25	2.00	2.25
5379+00.00	1.00	1.75	2.00	2.00	
5380+00.00	0.00	0.00	1.00	2.00	
5381+00.00	0.00	0.00	0.00	2.00	
5382+00.00	0.00	0.00	0.00	2.00	
5383+00.00	0.00	0.00	0.25	2.00	
5384+00.00	0.00	1.00	0.75	2.00	
5385+00.00	0.50	1.50	1.25	2.00	
5386+00.00	0.50	1.50	1.25	2.00	
5387+00.00	0.75	1.75	1.50	2.00	
5388+00.00	0.00	1.50	1.50	2.00	1.25
5389+00.00	0.75	2.00	1.75	2.00	1.00
5390+00.00	1.00	2.00	1.50	2.00	1.25
5391+00.00	0.75	1.75	1.75	2.00	1.25
5392+00.00	0.50	1.75	1.50	2.00	1.50
5393+00.00	0.75	2.00	1.50	2.00	1.50
5394+00.00	0.75	1.75	1.75	2.00	1.25
5395+00.00	0.75	2.00	1.75	2.00	1.50
5396+00.00	0.25	1.75	1.75	2.00	1.50
5397+00.00	0.00	1.75	1.75	2.00	1.50
5398+00.00	0.75	2.00	2.00	2.00	1.25
5399+00.00	1.25	2.00	2.00	2.00	2.75
5400+00.00	2.50	1.75	1.75	2.00	3.00

LEGEND

- ① EXISTING SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ EXISTING PCC PAVEMENT 9" (w/PAVT FABRIC)
- ④ EXISTING PCC PAVEMENT 10" (w/LONG METAL JT & PAVT FABRIC)
- ⑤ EXISTING HOT-MIX ASPHALT SURFACE
- ⑥ EXISTING CONCRETE MEDIAN
- ⑦ EXISTING CURB OR CURB & GUTTER
- ⑧ EXISTING PAVED SHOULDER
- ⑨ EXISTING AGGREGATE SHOULDER
- ⑩ EXISTING PIPE UNDERDRAINS
- ⑪ EXISTING STABILIZED BASE COURSE
- ⑫ EXISTING CONCRETE SIDEWALK
- ⑬ EXISTING STABILIZED SUB-BASE
- ⑭ EXISTING PCC BASE COURSE

HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
 REMOVAL ITEMS

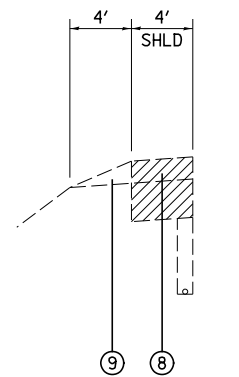
NOTE:
 PAVEMENT CROSS SLOPES INDICATED ON THE EXISTING TYPICAL SECTIONS REFLECT PROPOSED CROSS SLOPES AND ARE INDICATED TO CONTROL HOT-MIX ASPHALT SURFACE REMOVAL OPERATIONS.



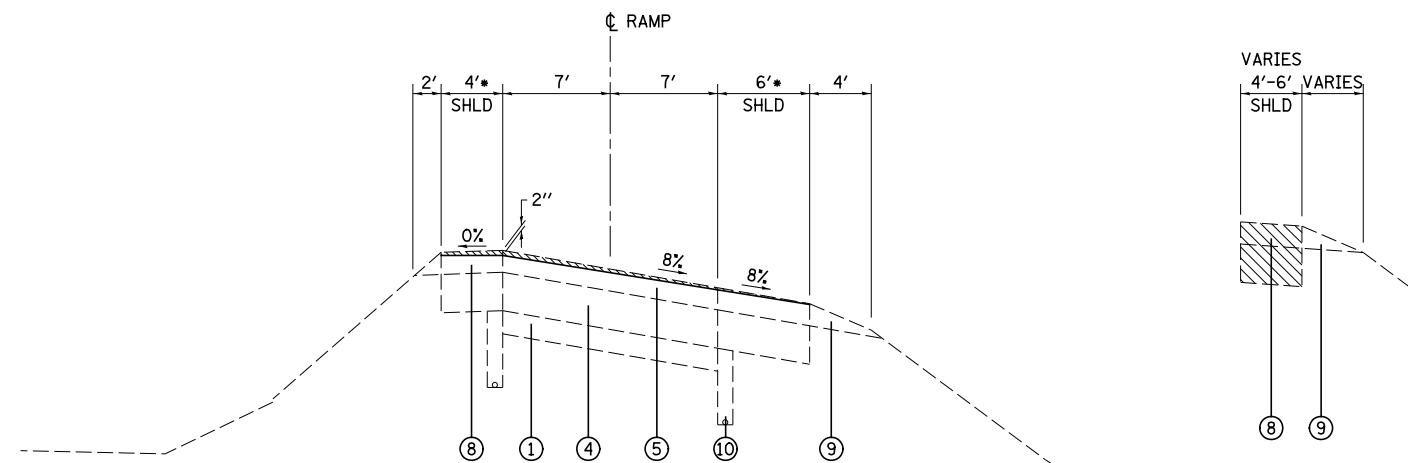
EXISTING RAMP F SUPERELEVATED SECTION

STA 0+00.00 TO STA 19+60.65 (RAMP F)

BRIDGE OMISSION - STA 9+48.03 TO STA 12+19.71 (RAMP F)
MILLING BEGINS STA 12+19.71

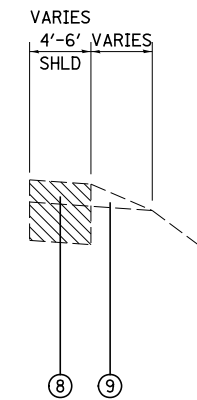


SHOULDER DETAIL
LT STA 12+19.71 TO
STA 17+00.00 (RAMP F)



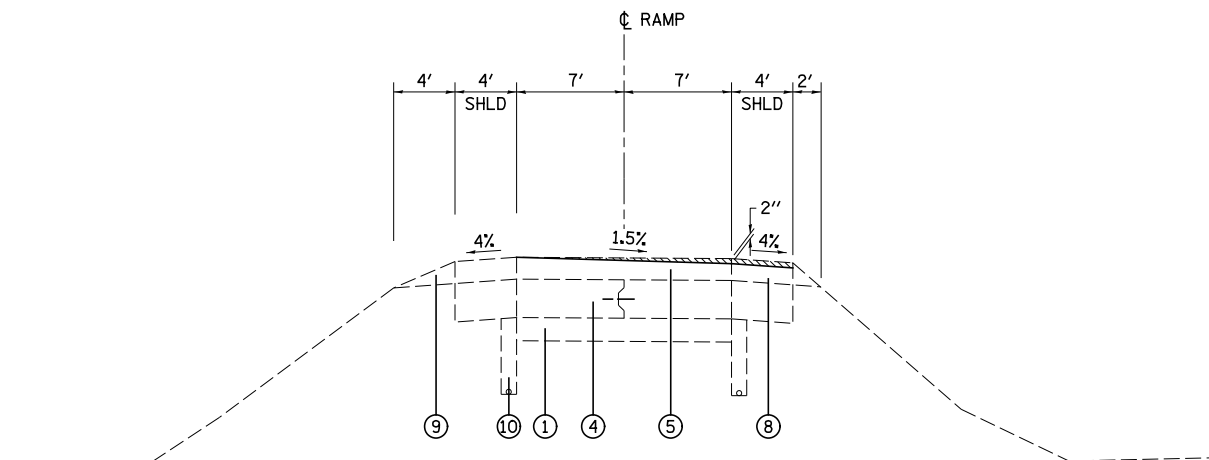
EXISTING RAMP G SUPERELEVATED SECTION

STA 0+00.00 TO STA 15+25.69 (RAMP G)
MILLING BEGINS STA 6+69.36



SHOULDER DETAIL
RT STA 6+69.36 TO
STA 11+29.03 (RAMP G) 6' WIDE)

LT STA 6+69.36 TO
STA 9+06.93 (RAMP G) (4' WIDE)



EXISTING RAMP F TANGENT SECTION

STA 19+60.65 TO STA 24+64.72 (RAMP F)

MILLING DEPTH IN INCHES

STATION	LEFT EDGE OF SHOULDER	LEFT EDGE OF PAVEMENT	CENTERLINE	RIGHT EDGE OF PAVEMENT	RIGHT EDGE OF SHOULDER
6+69.36		0.00	2.00	3.25	
7+00.00		1.50	1.75	3.50	
8+00.00		2.00	2.50	2.50	
9+00.00		2.00	2.25	1.50	
10+00.00	0.50	2.00	2.75	2.75	
11+00.00	1.00	2.00	3.00	2.50	
12+00.00		2.00	0.75	0.00	0.00
13+00.00		2.00	0.00	0.00	0.00
14+00.00		2.00	1.75	1.25	0.25
15+00.00		2.00	1.75	1.00	0.00
15+25.69		2.00	1.75	1.00	0.00

MILLING DEPTH IN INCHES

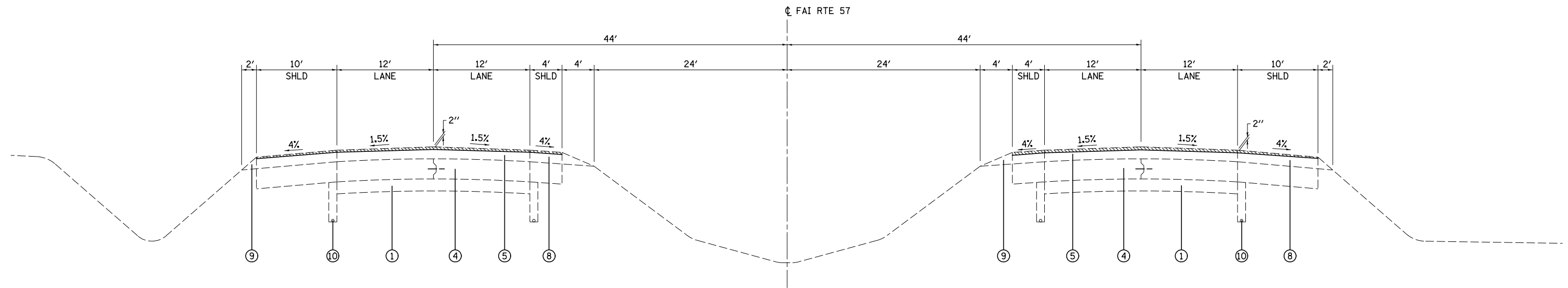
STATION	LEFT EDGE OF SHOULDER	LEFT EDGE OF PAVEMENT	CENTERLINE	RIGHT EDGE OF PAVEMENT	RIGHT EDGE OF SHOULDER
12+19.71		2.25	2.25	2.00	
13+00.00		2.00	2.00	2.00	1.75
14+00.00		2.25	2.25	2.00	1.50
15+00.00		2.75	2.25	2.00	1.75
16+00.00		2.75	2.50	2.00	1.75
17+00.00		2.50	2.50	2.00	1.50
18+00.00	2.25	2.25	2.25	2.00	1.50
19+00.00	0.00	0.00	0.50	2.00	1.25
20+00.00	0.25	0.00	1.25	2.00	0.00
21+00.00	0.00	0.00	1.00	2.00	0.75
22+00.00	0.00	0.00	0.50	2.00	1.50
23+00.00	0.00	0.00	1.00	2.00	1.25
24+00.00	1.25	0.50	1.25	2.00	1.25
25+00.00		0.50	1.25	2.00	1.25
25+61.41		2.00	2.00	2.00	1.25

LEGEND

- ① EXISTING SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ EXISTING PCC PAVEMENT 9" (w/PAVT FABRIC)
- ④ EXISTING PCC PAVEMENT 10" (w/LONG METAL JT & PAVT FABRIC)
- ⑤ EXISTING HOT-MIX ASPHALT SURFACE
- ⑥ EXISTING CONCRETE MEDIAN
- ⑦ EXISTING CURB OR CURB & GUTTER
- ⑧ EXISTING PAVED SHOULDER
- ⑨ EXISTING AGGREGATE SHOULDER
- ⑩ EXISTING PIPE UNDERDRAINS
- ⑪ EXISTING STABILIZED BASE COURSE
- ⑫ EXISTING CONCRETE SIDEWALK
- ⑬ EXISTING STABILIZED SUB-BASE
- ⑭ EXISTING PCC BASE COURSE

HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
 REMOVAL ITEMS

NOTE:
PAVEMENT CROSS SLOPES INDICATED ON THE
EXISTING TYPICAL SECTIONS REFLECT
PROPOSED CROSS SLOPES AND ARE INDICATED
TO CONTROL HOT-MIX ASPHALT SURFACE
REMOVAL OPERATIONS.



EXISTING MAINLINE TANGENT SECTION

STA 5399+11.81 TO STA 5400+00.00 (FAI RTE 57) •

• SEE ROADWAYS C AND D EXISTING TYPICAL SECTIONS FOR MILLING TABLES.

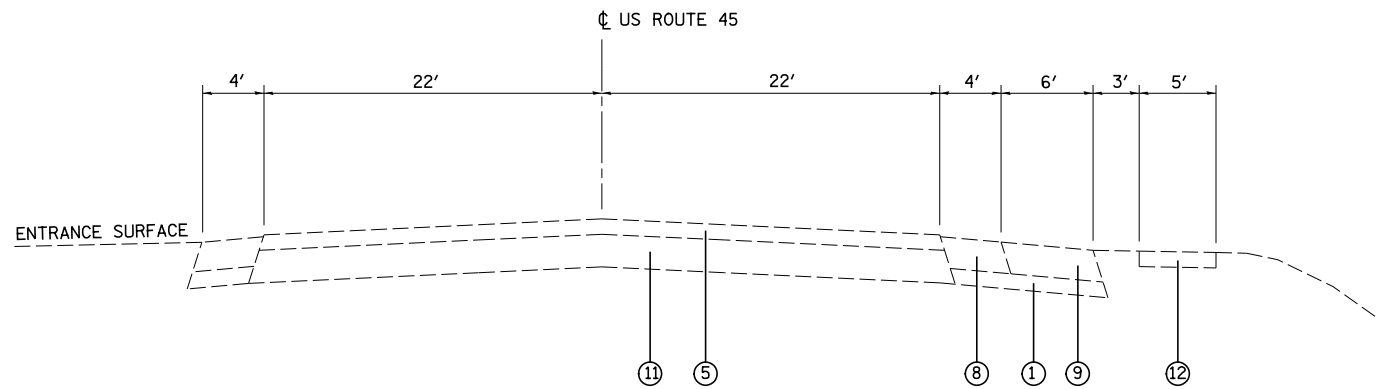
LEGEND

- ① EXISTING SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ EXISTING PCC PAVEMENT 9" (w/PAVT FABRIC)
- ④ EXISTING PCC PAVEMENT 10" (w/LONG METAL JT & PAVT FABRIC)
- ⑤ EXISTING HOT-MIX ASPHALT SURFACE
- ⑥ EXISTING CONCRETE MEDIAN
- ⑦ EXISTING CURB OR CURB & GUTTER
- ⑧ EXISTING PAVED SHOULDER
- ⑨ EXISTING AGGREGATE SHOULDER
- ⑩ EXISTING PIPE UNDERDRAINS
- ⑪ EXISTING STABILIZED BASE COURSE
- ⑫ EXISTING CONCRETE SIDEWALK
- ⑬ EXISTING STABILIZED SUB-BASE
- ⑭ EXISTING PCC BASE COURSE

HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
 REMOVAL ITEMS

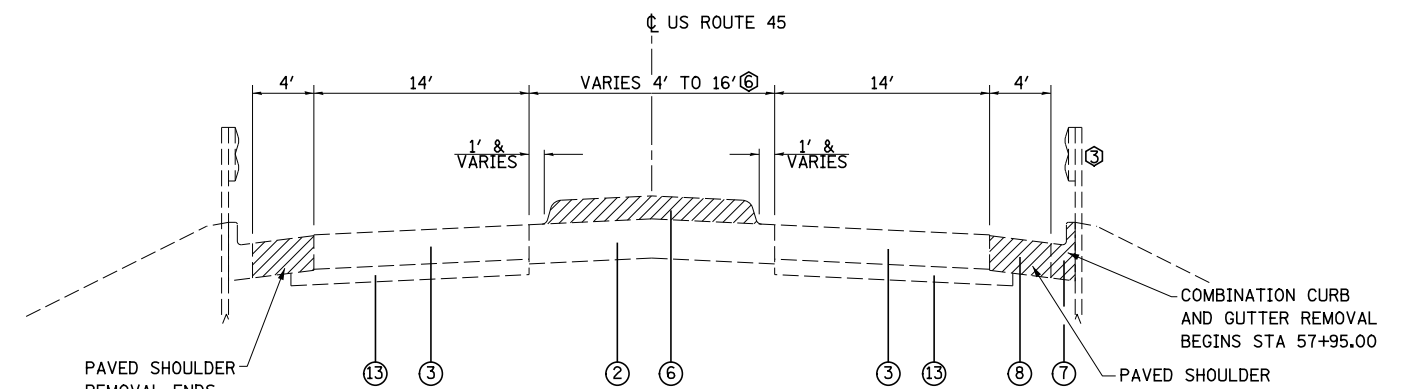
NOTE:
 PAVEMENT CROSS SLOPES INDICATED ON THE EXISTING TYPICAL SECTIONS REFLECT PROPOSED CROSS SLOPES AND ARE INDICATED TO CONTROL HOT-MIX ASPHALT SURFACE REMOVAL OPERATIONS.

FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL SECTIONS MAINLINE FAI ROUTES 57 / 70			F.A.I. RTE. 57/70	SECTION (25-4R)	COUNTY EFFINGHAM	TOTAL SHEETS 1760	SHEET NO. 42
	PLOT SCALE = #SCALE#	CHECKED - BRM	REVISED -		SCALE: 1"=50'	SHEET NO. 5 OF 8 SHEETS	STA.	TO STA.	CONTRACT NO. 74295			
	PLOT DATE = #DATE#	DATE - 01/22/09	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							



EXISTING US ROUTE 45

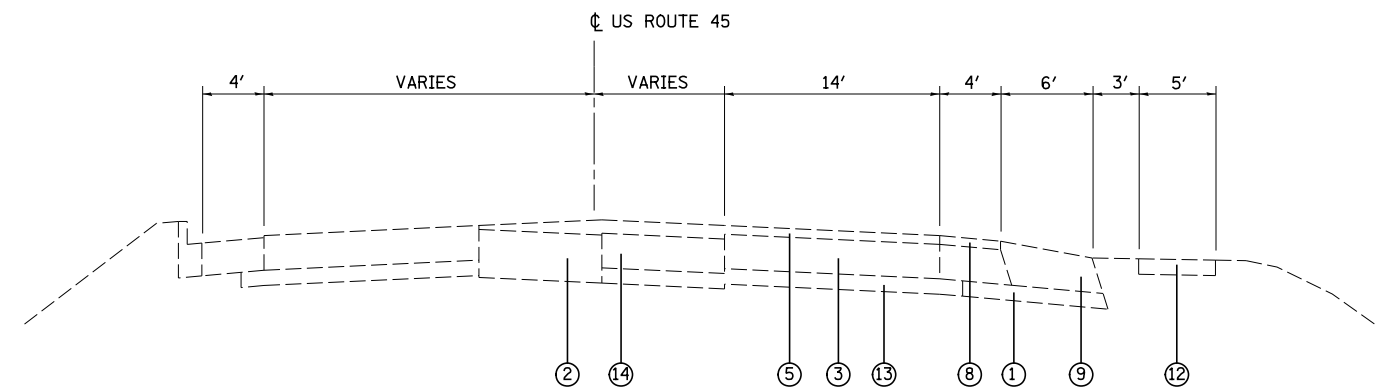
STA 47+50.00 TO STA 50+06.36



EXISTING US ROUTE 45

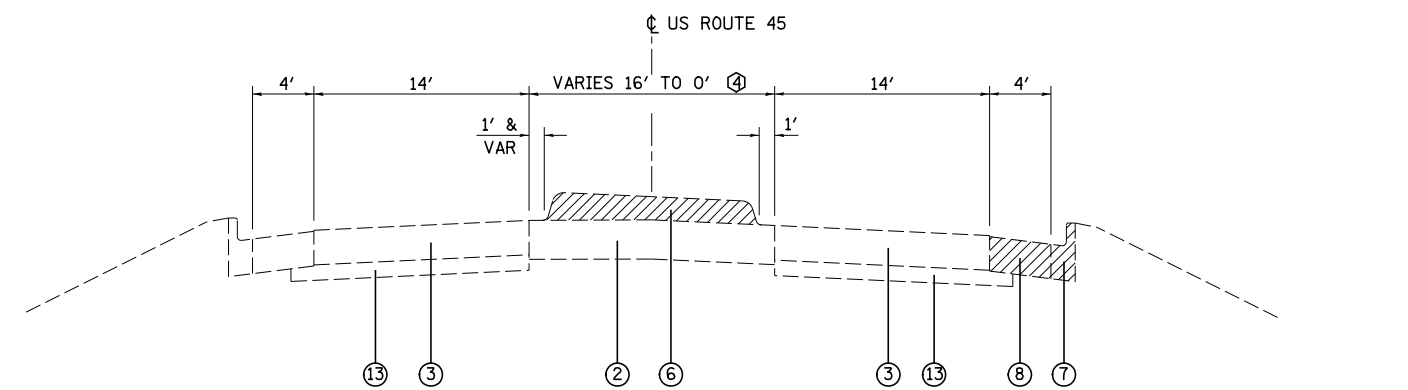
STA 55+63.05 TO STA 64+45.00

- ③ GUARD RAIL ENDS, RT STA 62+27.97
- ⑥ MEDIAN VARIES STA 55+63.05 TO STA 57+64.18



EXISTING US ROUTE 45

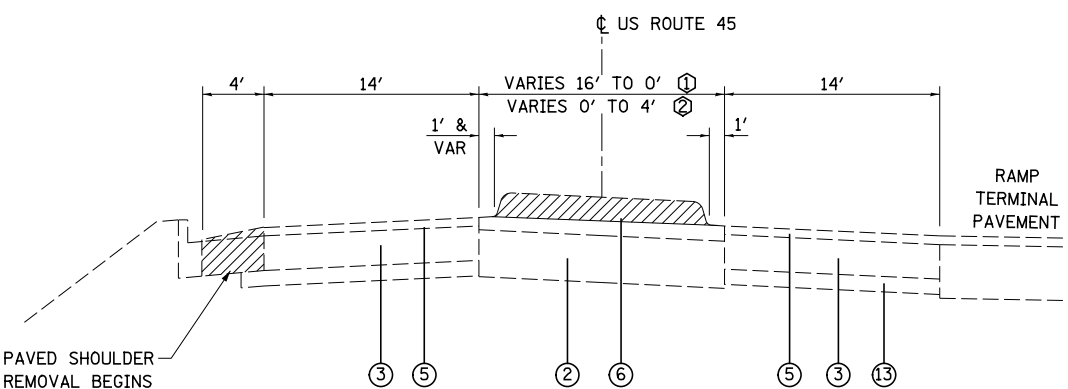
STA 50+06.36 TO STA 51+23.60



EXISTING US ROUTE 45

STA 64+45.00 TO STA 65+95.47

- ④ MEDIAN NOSE AT RT STA 65+54.11



EXISTING US ROUTE 45

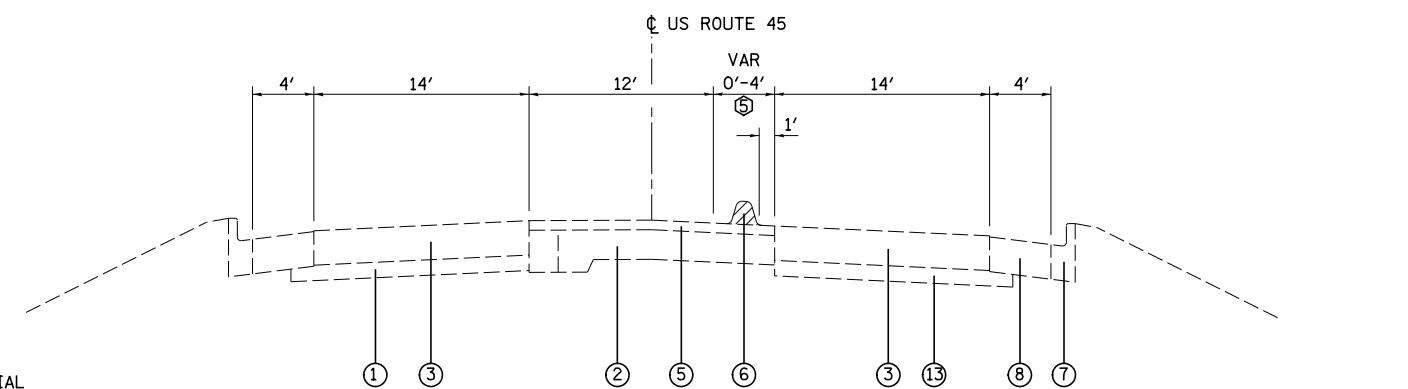
STA 51+23.60 TO STA 55+63.05

- ① MEDIAN NOSE AT RT STA 52+19.34
- ② MEDIAN NOSE AT RT STA 53+00.19

LEGEND

- ① EXISTING SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ EXISTING PCC PAVEMENT 9" (w/PAVT FABRIC)
- ④ EXISTING PCC PAVEMENT 10" (w/LONG METAL JT & PAVT FABRIC)
- ⑤ EXISTING HOT-MIX ASPHALT SURFACE
- ⑥ EXISTING CONCRETE MEDIAN
- ⑦ EXISTING CURB OR CURB & GUTTER
- ⑧ EXISTING PAVED SHOULDER
- ⑨ EXISTING AGGREGATE SHOULDER
- ⑩ EXISTING PIPE UNDERDRAINS
- ⑪ EXISTING STABILIZED BASE COURSE
- ⑫ EXISTING CONCRETE SIDEWALK
- ⑬ EXISTING STABILIZED SUB-BASE
- ⑭ EXISTING PCC BASE COURSE

HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
 REMOVAL ITEMS



EXISTING US ROUTE 45

STA 65+95.47 TO STA 67+60.00

- ⑤ MEDIAN NOSE AT RT STA 66+36.83

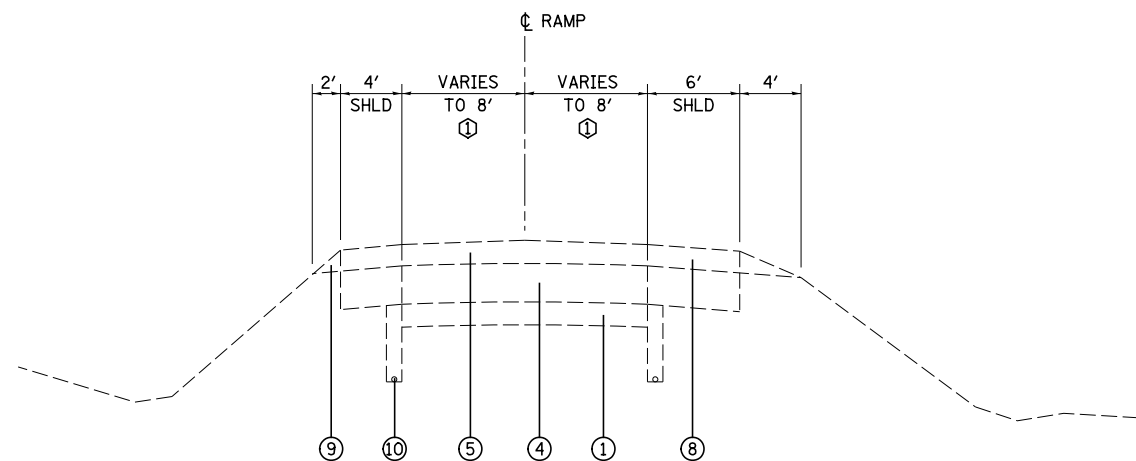
FILE NAME =	USER NAME = #USER*	DESIGNED - JWS	REVISED -
#FILE#		DRAWN - RCB	REVISED -
	PLOT SCALE = #SCALE*	CHECKED - BRM	REVISED -
	PLOT DATE = #DATE*	DATE - 01/22/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL SECTIONS
US ROUTE 45**

SCALE: 1"=50' SHEET NO. 6 OF 8 SHEETS STA. TO STA.

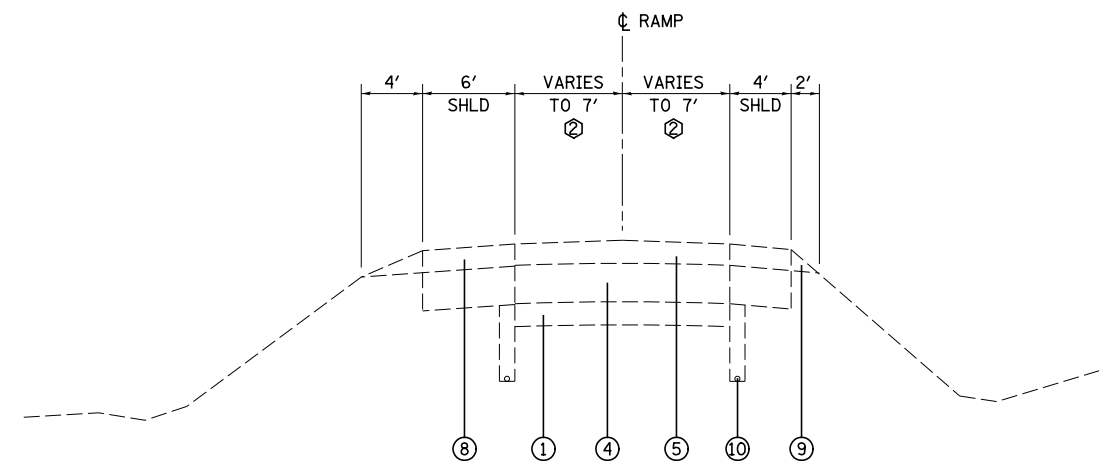
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4R)	EFFINGHAM	1760	43
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 74295	



EXISTING TANGENT SECTION

① WIDTH VARIES TO STA 11+33.48

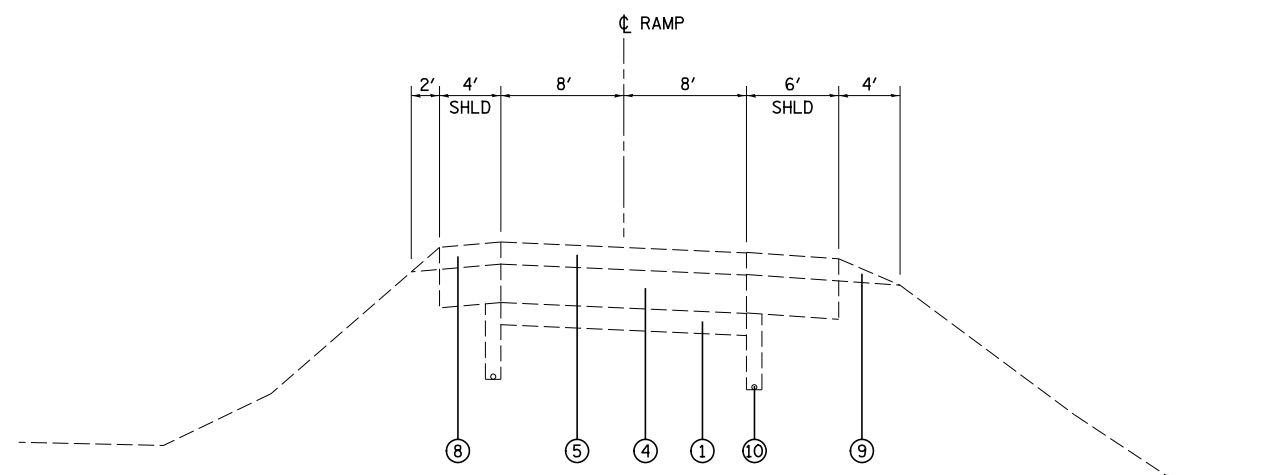
STA 10+00.00 TO STA 18+23.27



EXISTING TANGENT SECTION

② WIDTH VARIES TO STA 11+78.64

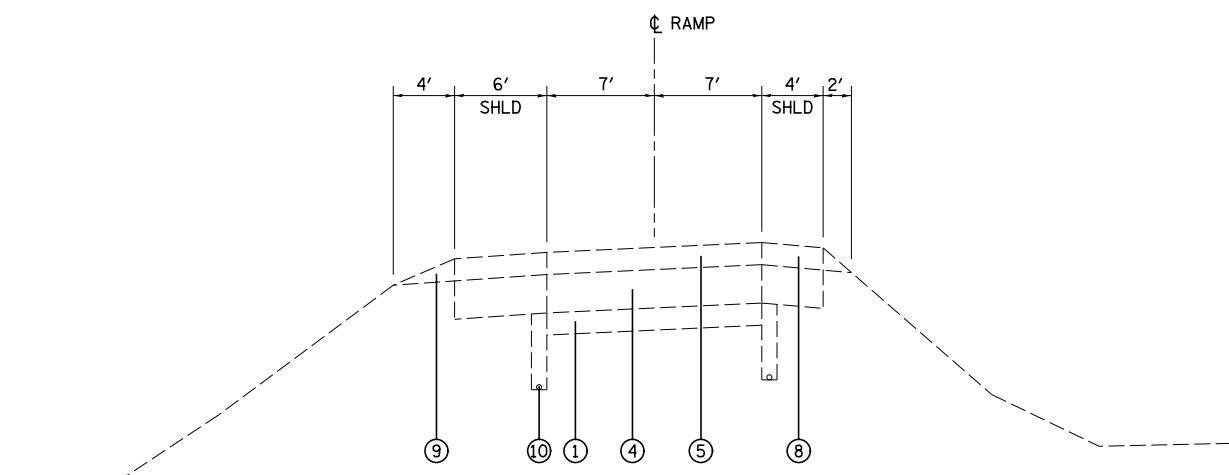
STA 10+00.00 TO STA 17+85.71
STA 21+80.36 TO STA 24+60.25



EXISTING SUPERELEVATED SECTION

STA 18+23.27 TO STA 26+14.41

EXISTING RAMP A
(US ROUTE 45)



EXISTING SUPERELEVATED SECTION

STA 17+85.71 TO STA 21+80.36
STA 24+60.25 TO STA 29+05.11

EXISTING RAMP B
(US ROUTE 45)

LEGEND

- ① EXISTING SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ EXISTING PCC PAVEMENT 9" (w/PAVT FABRIC)
- ④ EXISTING PCC PAVEMENT 10" (w/LONG METAL JT & PAVT FABRIC)
- ⑤ EXISTING HOT-MIX ASPHALT SURFACE
- ⑥ EXISTING CONCRETE MEDIAN
- ⑦ EXISTING CURB OR CURB & GUTTER
- ⑧ EXISTING PAVED SHOULDER
- ⑨ EXISTING AGGREGATE SHOULDER
- ⑩ EXISTING PIPE UNDERDRAINS
- ⑪ EXISTING STABILIZED BASE COURSE
- ⑫ EXISTING CONCRETE SIDEWALK
- ⑬ EXISTING STABILIZED SUB-BASE
- ⑭ EXISTING PCC BASE COURSE

HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
 REMOVAL ITEMS

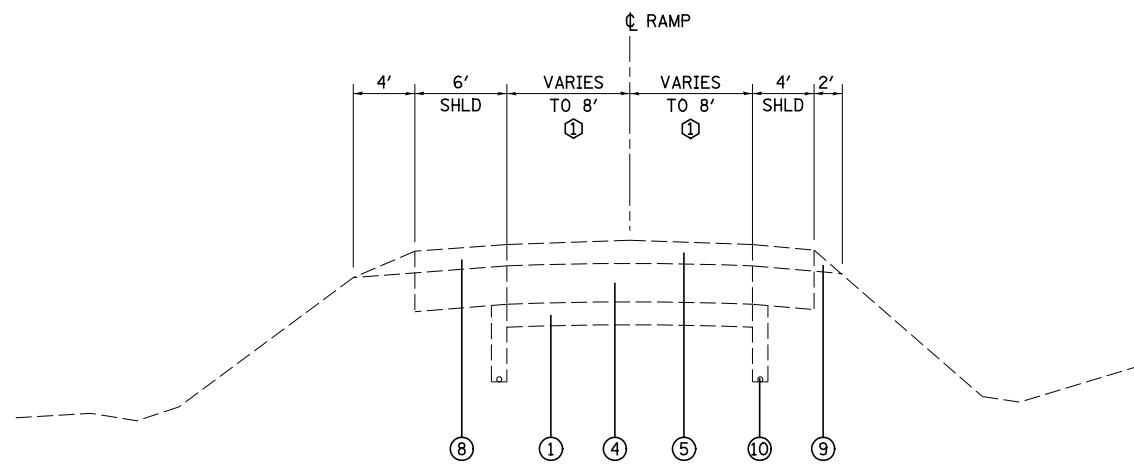
FILE NAME =	USER NAME = \$USER*	DESIGNED - JWS	REVISED -
FILEL		DRAWN - RCB	REVISED -
	PLOT SCALE = \$SCALE*	CHECKED - BRM	REVISED -
	PLOT DATE = \$DATE*	DATE - 01/22/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS
US ROUTE 45, RAMPS A & B

SCALE: 1"=50' SHEET NO. 7 OF 8 SHEETS STA. TO STA.

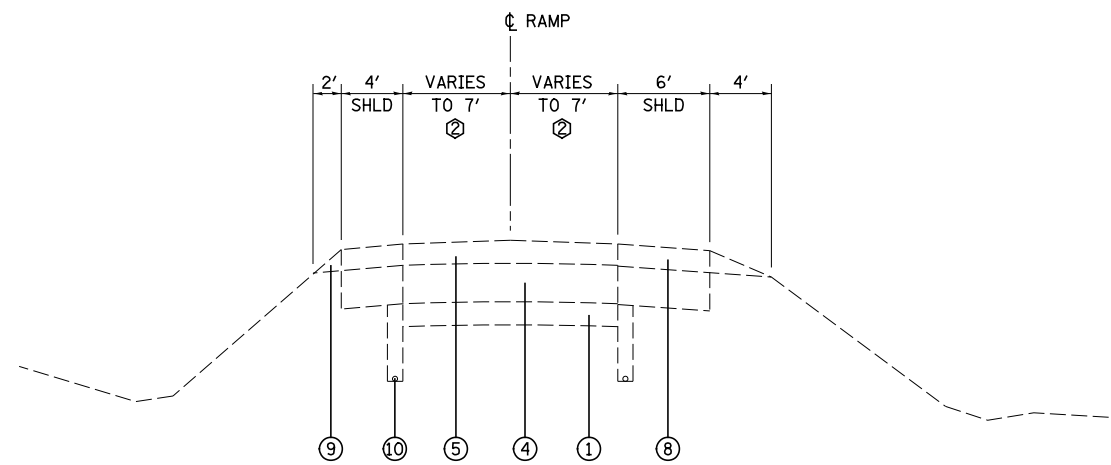
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4R)	EFFINGHAM	1760	44
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 74295	



EXISTING TANGENT SECTION

① WIDTH VARIES TO STA 11+77.42

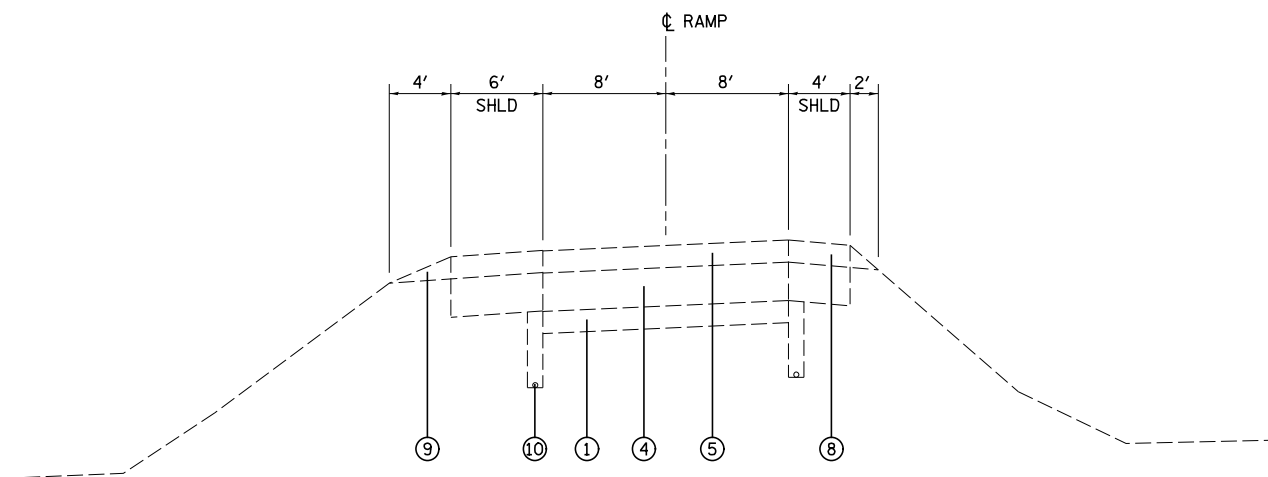
STA 10+00.00 TO STA 21+20.92



EXISTING TANGENT SECTION

② WIDTH VARIES TO STA 11+25.73

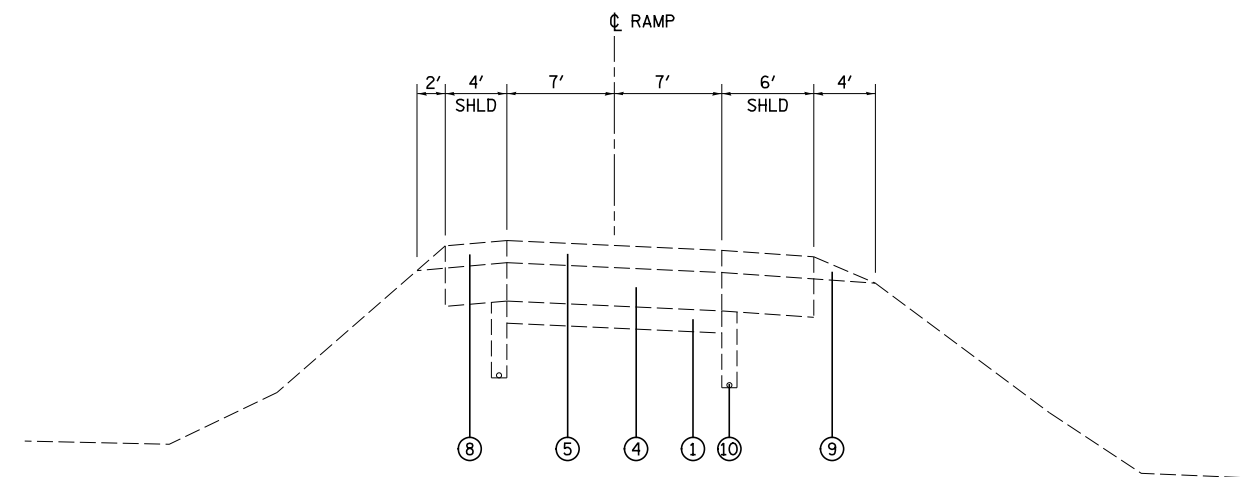
STA 10+00.00 TO STA 21+25.53
STA 26+48.85 TO STA 29+51.38



EXISTING SUPERELEVATED SECTION

STA 21+20.92 TO STA 28+96.40

EXISTING RAMP C
(US ROUTE 45)



EXISTING SUPERELEVATED SECTION

STA 21+25.53 TO STA 26+48.85
STA 29+51.38 TO STA 34+58.68

EXISTING RAMP D
(US ROUTE 45)

LEGEND

- ① EXISTING SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ EXISTING PCC PAVEMENT 9" (w/PAVT FABRIC)
- ④ EXISTING PCC PAVEMENT 10" (w/LONG METAL JT & PAVT FABRIC)
- ⑤ EXISTING HOT-MIX ASPHALT SURFACE
- ⑥ EXISTING CONCRETE MEDIAN
- ⑦ EXISTING CURB OR CURB & GUTTER
- ⑧ EXISTING PAVED SHOULDER
- ⑨ EXISTING AGGREGATE SHOULDER
- ⑩ EXISTING PIPE UNDERDRAINS
- ⑪ EXISTING STABILIZED BASE COURSE
- ⑫ EXISTING CONCRETE SIDEWALK
- ⑬ EXISTING STABILIZED SUB-BASE
- ⑭ EXISTING PCC BASE COURSE

- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- REMOVAL ITEMS

FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - JWS	REVISED -
		DRAWN - RCB	REVISED -
		CHECKED - BRM	REVISED -
		DATE - 01/22/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS
US ROUTE 45, RAMPS C & D

SCALE: 1"=50' SHEET NO. 8 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4R)	EFFINGHAM	1760	45
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 74295	

STRUCTURAL DESIGN INFORMATION
FAI RTE 57/70 MAINLINE, DIRECTIONAL
ROADWAYS AND FAI ROUTE 70

ROAD CLASSIFICATION: CLASS I

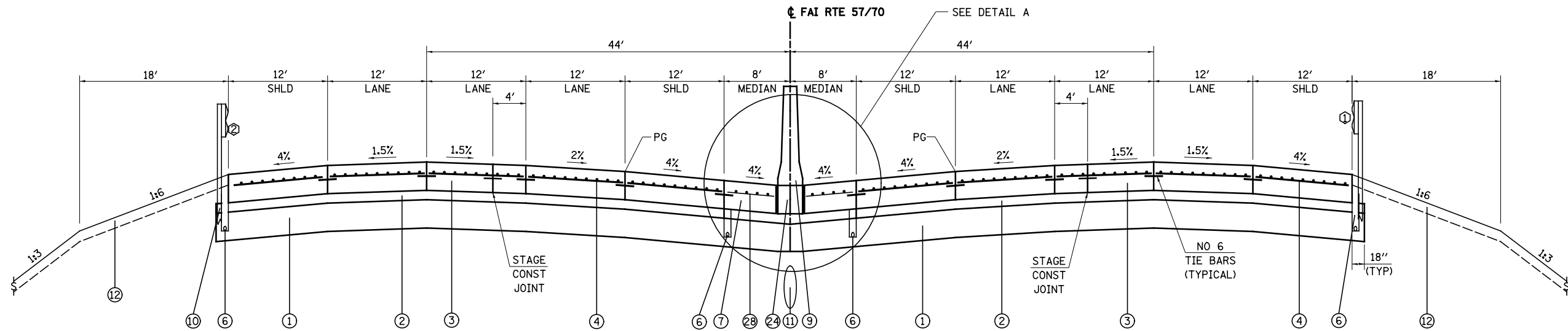
STRUCTURAL DESIGN TRAFFIC: 2030
 PV = 31,764 SU = 3,546 MU = 21,274

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE
 P = 20% S = 40% M = 40%

MINIMUM SUBGRADE SUPPORT RATING: POOR

RIGID PAVEMENT DESIGN: MINIMUM $T_F = 8.93$
 ACTUAL $T_F = 122.62$

SELECTED DESIGN 13.0 CRCP



⑫ GUARD RAIL LT STA 2270+25.50 TO STA 2274+25.50

PROPOSED MAINLINE TANGENT SECTION

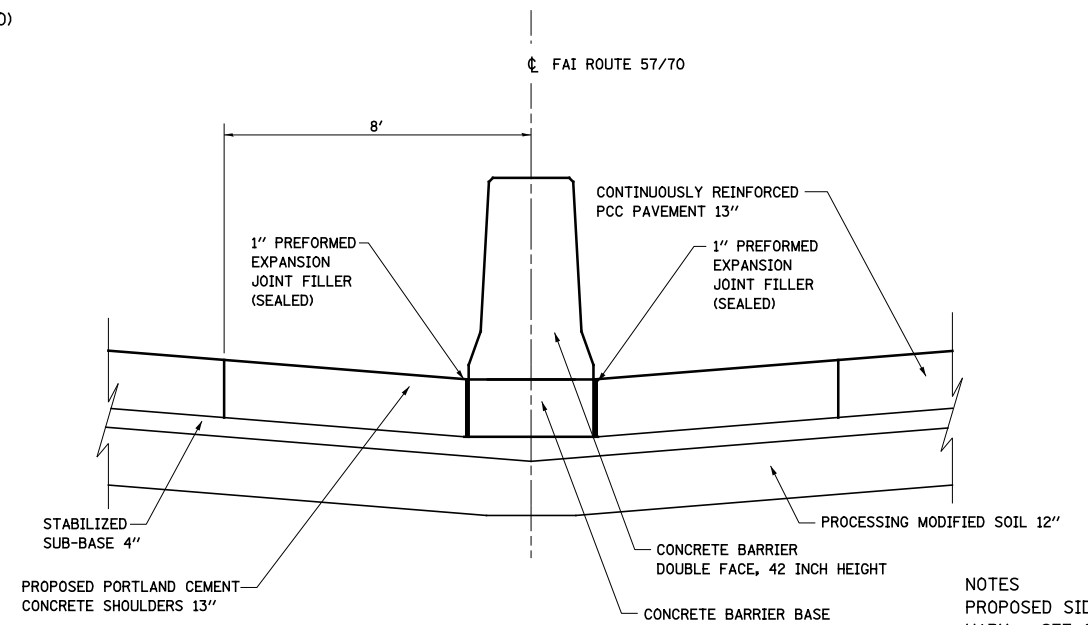
⑪ GUARD RAIL ENDS RT STA 2270+69.50

STA 2268+00.00 TO STA 2274+69.59 (FAI RTE 57/70)

LEGEND

- | | |
|--|---|
| ① PROPOSED LIME MODIFIED SOIL 12", 24" (SEE SCHEDULE) | ⑮ PROPOSED COARSE AGGREGATE - COST INCLUDED IN PORTLAND CEMENT CONCRETE SHOULDERS 13" |
| ② PROPOSED STABILIZED SUB-BASE 4" | ⑯ PROPOSED BITUMINOUS MATERIALS (PRIME COAT) |
| ③ PROPOSED CONTINUOUSLY REINFORCED PCC PAVEMENT 13" | ⑰ PROPOSED AGGREGATE (PRIME COAT) |
| ④ PROPOSED PAVEMENT REINFORCEMENT 13" | ⑱ PROPOSED LEVELING BINDER (MACHINE METHOD), N105 VARIES 0" TO 6" |
| ⑤ PROPOSED AGGREGATE SHOULDERS, TYPE B 6" | ⑲ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 & VARIES |
| ⑥ PROPOSED PIPE UNDERDRAINS 6" | ⑳ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2" & VARIES |
| ⑦ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 13" | ㉑ PROPOSED CONCRETE MEDIAN, TYPE SM (DOWELLED) |
| ⑧ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 | ㉒ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4" |
| ⑨ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT | ㉓ PROPOSED BRIDGE APPROACH SLAB |
| ⑩ PROPOSED STEEL PLATE BEAM GUARD RAIL, TYPE A | ㉔ PROPOSED CONCRETE BARRIER BASE |
| ⑪ PROPOSED STORM SEWERS, CLASS A | ㉕ PROPOSED PIPE UNDERDRAIN 4" |
| ⑫ PROPOSED TOPSOIL 4" | ㉖ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B |
| ⑬ PROPOSED PCC PAVEMENT 10" (JOINTED) | ㉗ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" |
| ⑭ PROPOSED PCC PAVEMENT 9 3/4" (JOINTED) | ㉘ PROPOSED PAVEMENT FABRIC |
| | ㉙ SLAG MODIFIED CEMENT, 12" |

SEE LEGEND NOS. ③-④ FOR PAVEMENT COMPOSITION OF SHOULDERS AND DRIVING LANES

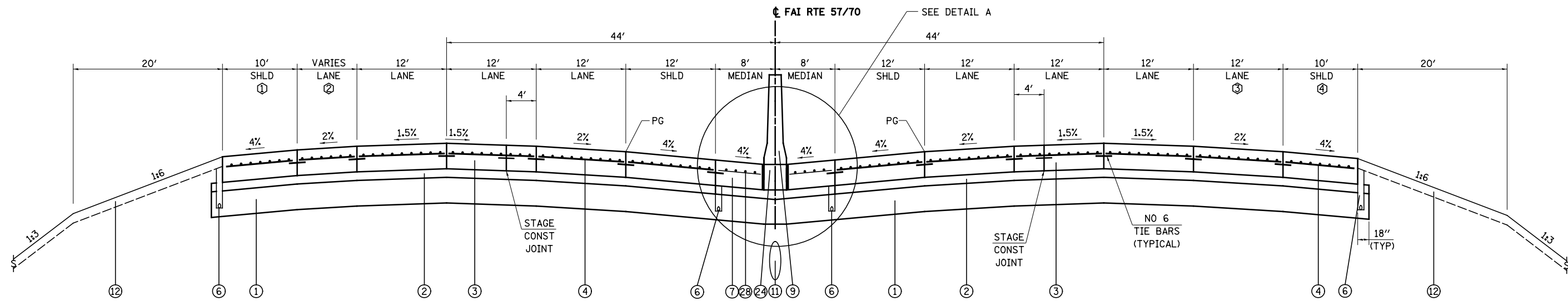


DETAIL A

NOTES
 PROPOSED SIDE SLOPES/DITCHES VARY - SEE CROSS SECTIONS

LIMITS OF PROPOSED TOPSOIL VARIES - SEE CROSS SECTIONS

FILE NAME =	USER NAME = *USER*	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS MAINLINE FAI ROUTES 57 / 70	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
FILEL		DRAWN - RCB	REVISED -			57/70	(25-4R)	EFFINGHAM	1760	46	
	PLOT SCALE = *SCALE*	CHECKED - BRM	REVISED -			SCALE: 1"=50'		SHEET NO. 1 OF 35 SHEETS		STA.	TO STA.
	PLOT DATE = *DATE*	DATE - 01/22/09	REVISED -					FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	
						CONTRACT NO. 74295					



PROPOSED MAINLINE TANGENT SECTION

STA 2274+69.59 TO STA 2282+60.26 (FAI RTE 57/70)

- ① 10' SHOULDER BEGINS, LT STA 2277+60.15
- ② AUXILIARY LANE, VARIES 1' STUB, LT STA 2277+10.25 TO 12', STA 2282+60.25

- ③ AUXILIARY LANE, VARIES 1' STUB, RT STA 2274+69.59 TO 12', STA 2277+44.59
- ④ 10' SHOULDER BEGINS, RT STA 2274+94.39

LEGEND

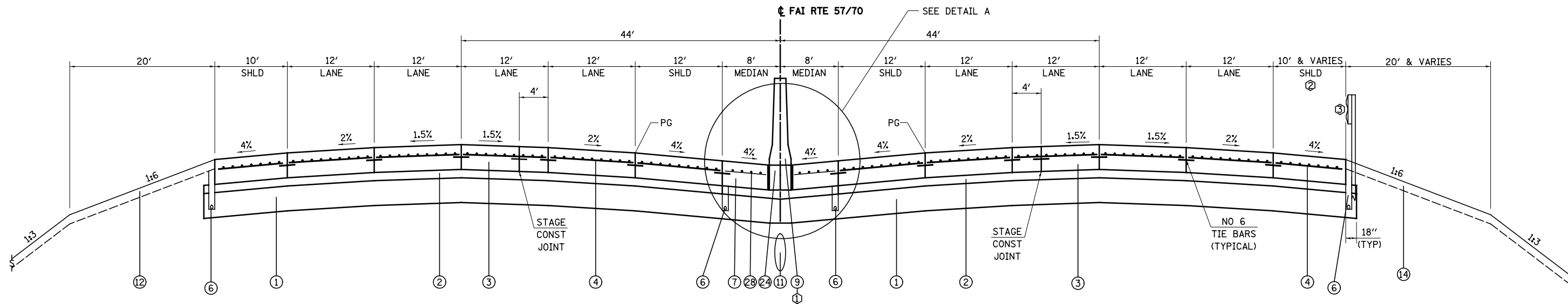
- | | |
|--|---|
| ① PROPOSED LIME MODIFIED SOIL 12", 24" (SEE SCHEDULE) | ⑮ PROPOSED COARSE AGGREGATE - COST INCLUDED IN PORTLAND CEMENT CONCRETE SHOULDERS 13" |
| ② PROPOSED STABILIZED SUB-BASE 4" | ⑯ PROPOSED BITUMINOUS MATERIALS (PRIME COAT) |
| ③ PROPOSED CONTINUOUSLY REINFORCED PCC PAVEMENT 13" | ⑰ PROPOSED AGGREGATE (PRIME COAT) |
| ④ PROPOSED PAVEMENT REINFORCEMENT 13" | ⑱ PROPOSED LEVELING BINDER (MACHINE METHOD), N105 VARIES 0" TO 6" |
| ⑤ PROPOSED AGGREGATE SHOULDERS, TYPE B 6" | ⑲ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 & VARIES |
| ⑥ PROPOSED PIPE UNDERDRAINS 6" | ⑳ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2" & VARIES |
| ⑦ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 13" | ㉑ PROPOSED CONCRETE MEDIAN, TYPE SM (DOWELLED) |
| ⑧ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 | ㉒ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4" |
| ⑨ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT | ㉓ PROPOSED BRIDGE APPROACH SLAB |
| ⑩ PROPOSED STEEL PLATE BEAM GUARD RAIL, TYPE A | ㉔ PROPOSED CONCRETE BARRIER BASE |
| ⑪ PROPOSED STORM SEWERS, CLASS A | ㉕ PROPOSED PIPE UNDERDRAIN 4" |
| ⑫ PROPOSED TOPSOIL 4" | ㉖ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B |
| ⑬ PROPOSED PCC PAVEMENT 10" (JOINTED) | ㉗ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" |
| ⑭ PROPOSED PCC PAVEMENT 9 3/4" (JOINTED) | ㉘ PROPOSED PAVEMENT FABRIC |
| | ㉙ SLAG MODIFIED CEMENT, 12" |

SEE LEGEND NOS. ③-④ FOR PAVEMENT COMPOSITION OF SHOULDERS AND DRIVING LANES

NOTES
PROPOSED SIDE SLOPES/DITCHES VARY - SEE CROSS SECTIONS

LIMITS OF PROPOSED TOPSOIL VARIES - SEE CROSS SECTIONS

FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS MAINLINE FAI ROUTES 57 / 70		F.A.I. RTE. 57/70	SECTION (25-4R)	COUNTY EFFINGHAM	TOTAL SHEETS 1760	SHEET NO. 47	
	PLOT SCALE = #SCALE#	DRAWN - RCB	REVISED -		SCALE: 1"=50'	SHEET NO. 2 OF 35 SHEETS	STA.	TO STA.	CONTRACT NO. 74295			
	PLOT DATE = #DATE#	CHECKED - BRM	REVISED -									
		DATE - 01/22/09	REVISED -									



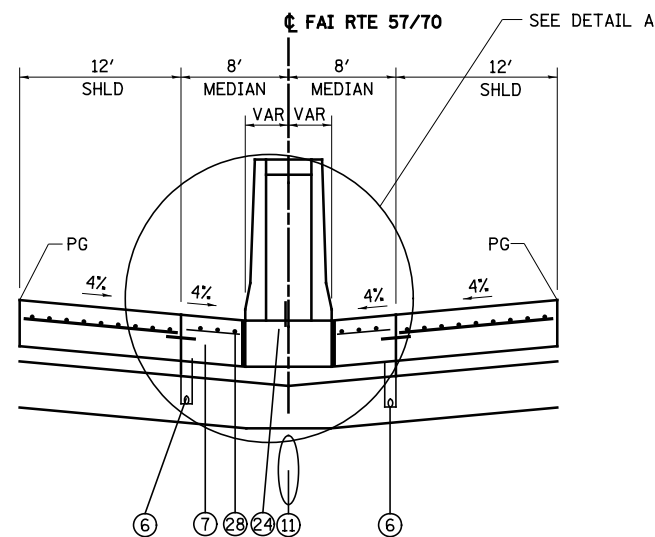
PROPOSED MAINLINE TANGENT SECTION

① DOUBLE FACE BARRIER ENDS STA 2289+28.62

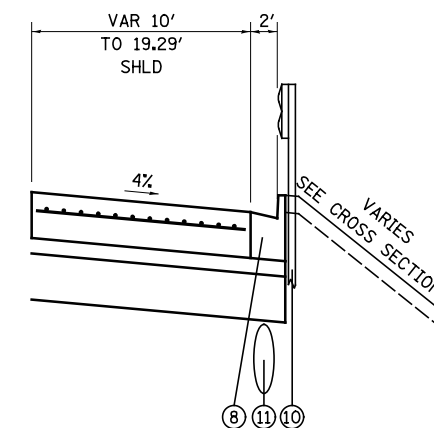
STA 2282+60.26 TO STA 2289+77.65 (FAI RTE 57/70)

② 10' SHOULDER ENDS, RT STA 2286+55.98

③ GUARD RAIL BEGINS, RT STA 2283+35.33



SINGLE FACE BARRIER DETAIL
STA 2289+51.62 TO STA 2289+82.98



SHOULDER AND CURB & GUTTER DETAIL
RT STA 2286+75.09 TO STA 2289+82.98

LEGEND

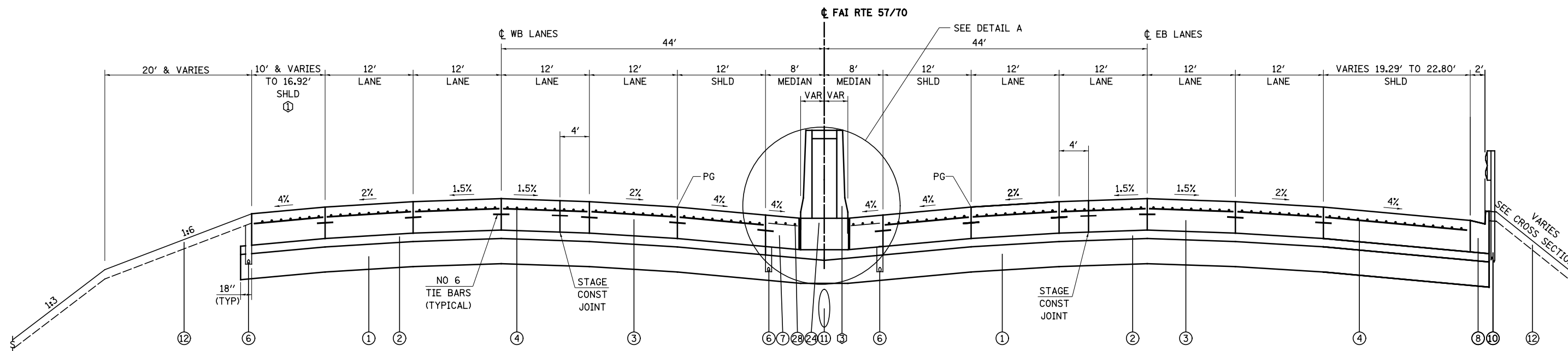
- | | |
|--|---|
| ① PROPOSED LIME MODIFIED SOIL 12", 24" (SEE SCHEDULE) | ⑮ PROPOSED COARSE AGGREGATE - COST INCLUDED IN PORTLAND CEMENT CONCRETE SHOULDERS 13" |
| ② PROPOSED STABILIZED SUB-BASE 4" | ⑯ PROPOSED BITUMINOUS MATERIALS (PRIME COAT) |
| ③ PROPOSED CONTINUOUSLY REINFORCED PCC PAVEMENT 13" | ⑰ PROPOSED AGGREGATE (PRIME COAT) |
| ④ PROPOSED PAVEMENT REINFORCEMENT 13" | ⑱ PROPOSED LEVELING BINDER (MACHINE METHOD), N105 VARIES 0" TO 6" |
| ⑤ PROPOSED AGGREGATE SHOULDERS, TYPE B 6" | ⑲ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 & VARIES |
| ⑥ PROPOSED PIPE UNDERDRAINS 6" | ⑳ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2" & VARIES |
| ⑦ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 13" | ㉑ PROPOSED CONCRETE MEDIAN, TYPE SM (DOWELLED) |
| ⑧ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 | ㉒ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4" |
| ⑨ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT | ㉓ PROPOSED BRIDGE APPROACH SLAB |
| ⑩ PROPOSED STEEL PLATE BEAM GUARD RAIL, TYPE A | ㉔ PROPOSED CONCRETE BARRIER BASE |
| ⑪ PROPOSED STORM SEWERS, CLASS A | ㉕ PROPOSED PIPE UNDERDRAIN 4" |
| ⑫ PROPOSED TOPSOIL 4" | ㉖ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B |
| ⑬ PROPOSED PCC PAVEMENT 10" (JOINTED) | ㉗ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" |
| ⑭ PROPOSED PCC PAVEMENT 9 3/4" (JOINTED) | ㉘ PROPOSED PAVEMENT FABRIC |
| | ㉙ SLAG MODIFIED CEMENT, 12" |

SEE LEGEND NOS. ③-④ FOR PAVEMENT COMPOSITION OF SHOULDERS AND DRIVING LANES

NOTES
PROPOSED SIDE SLOPES/DITCHES
VARY - SEE CROSS SECTIONS

LIMITS OF PROPOSED TOPSOIL
VARIES - SEE CROSS SECTIONS

FILE NAME =	USER NAME = #USER*	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS MAINLINE FAI ROUTES 57 / 70		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN - RCB	REVISED -		SCALE: 1"=50'	SHEET NO. 3 OF 35 SHEETS	STA.	TO STA.	57/70	(25-4R)	EFFINGHAM	1760 48
		CHECKED - BRM	REVISED -									
		DATE - 01/22/09	REVISED -									
							CONTRACT NO. 74295					
							FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					



**PROPOSED MAINLINE TANGENT SECTION
(WIDE FLANGE BEAM TERMINAL JOINT, STD 421106)**

① 10' SHOULDER ENDS LT STA 2290+50.60

STA 2289+77.65 TO STA 2291+54.68 ALONG CENTERLINE
 STA 2289+77.65 TO RT STA 2290+82.98 (EDGE OF OUTSIDE SHOULDER)
 STA 2289+77.65 TO LT STA 2291+90.61 (EDGE OF OUTSIDE SHOULDER)

③ PROPOSED CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT

BRIDGE OMISSION STA 2291+54.68 TO STA 2295+36.17

LEGEND

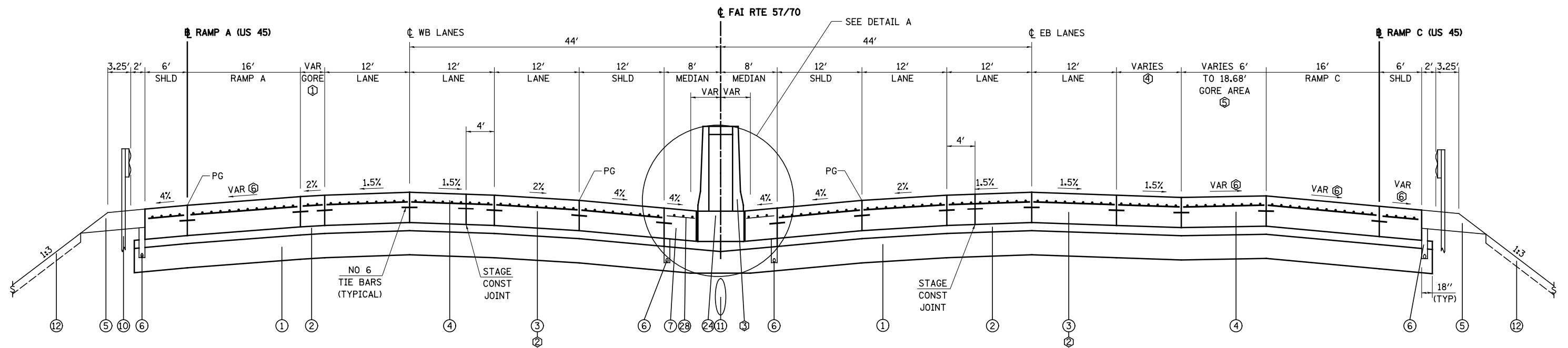
- | | |
|--|---|
| ① PROPOSED LIME MODIFIED SOIL 12", 24" (SEE SCHEDULE) | ⑮ PROPOSED COARSE AGGREGATE - COST INCLUDED IN PORTLAND CEMENT CONCRETE SHOULDERS 13" |
| ② PROPOSED STABILIZED SUB-BASE 4" | ⑯ PROPOSED BITUMINOUS MATERIALS (PRIME COAT) |
| ③ PROPOSED CONTINUOUSLY REINFORCED PCC PAVEMENT 13" | ⑰ PROPOSED AGGREGATE (PRIME COAT) |
| ④ PROPOSED PAVEMENT REINFORCEMENT 13" | ⑱ PROPOSED LEVELING BINDER (MACHINE METHOD), N105 VARIES 0" TO 6" |
| ⑤ PROPOSED AGGREGATE SHOULDERS, TYPE B 6" | ⑲ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 & VARIES |
| ⑥ PROPOSED PIPE UNDERDRAINS 6" | ⑳ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2" & VARIES |
| ⑦ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 13" | ㉑ PROPOSED CONCRETE MEDIAN, TYPE SM (DOWELLED) |
| ⑧ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 | ㉒ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4" |
| ⑨ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT | ㉓ PROPOSED BRIDGE APPROACH SLAB |
| ⑩ PROPOSED STEEL PLATE BEAM GUARD RAIL, TYPE A | ㉔ PROPOSED CONCRETE BARRIER BASE |
| ⑪ PROPOSED STORM SEWERS, CLASS A | ㉕ PROPOSED PIPE UNDERDRAIN 4" |
| ⑫ PROPOSED TOPSOIL 4" | ㉖ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B |
| ⑬ PROPOSED PCC PAVEMENT 10" (JOINTED) | ㉗ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" |
| ⑭ PROPOSED PCC PAVEMENT 9 3/4" (JOINTED) | ㉘ PROPOSED PAVEMENT FABRIC |
| | ㉙ SLAG MODIFIED CEMENT, 12" |

SEE LEGEND NOS. ③-④ FOR PAVEMENT COMPOSITION OF SHOULDERS AND DRIVING LANES

NOTES
 PROPOSED SIDE SLOPES/DITCHES
 VARY - SEE CROSS SECTIONS

LIMITS OF PROPOSED TOPSOIL
 VARIES - SEE CROSS SECTIONS

FILE NAME =	USER NAME = \$USER\$	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS MAINLINE FAI ROUTES 57 / 70		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
\$FILEL\$		DRAWN - RCB	REVISED -				57/70	(25-4R)	EFFINGHAM	1760	49	
	PLOT SCALE = \$SCALE\$	CHECKED - BRM	REVISED -		SCALE: 1"=50'	SHEET NO. 4 OF 35 SHEETS	STA.	TO STA.	CONTRACT NO. 74295			
	PLOT DATE = \$DATE\$	DATE - 01/22/09	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							



**PROPOSED MAINLINE TANGENT SECTION
(WIDE FLANGE BEAM TERMINAL JOINT, STD 421106)**

- ① GORE AREA, VARIES 2.36' TO 4.53'
- ② PAVEMENT THICKNESS 15", SEE STD 421101

STA 2295+36.17 TO STA 2297+03.04 ALONG CENTERLINE
 STA 2294+98.63 TO RT STA 2297+03.04 (EDGE OF OUTSIDE SHOULDER)
 STA 2296+06.26 TO LT STA 2297+03.04 (EDGE OF OUTSIDE SHOULDER)
 BRIDGE OMISSION STA 2291+54.68 TO STA 2295+36.17

STATION EQUATION - STA 2292+60.25, FAI 57/70 = STA 28+16.86, RAMP A
 STATION EQUATION - STA 2292+44.59, FAI 57/70 = STA 10+00.00, RAMP C

- ③ PROPOSED CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT
SINGLE FACE BARRIER ENDS STA 2297+43.76
- ④ PROPOSED RAMP RECOVERY AREA, VARIES 15.18' TO 18' TO 9.17'
- ⑤ GORE AREA BEGINS, RT STA 2295+61.32
- ⑥ SLOPE VARIES, SEE CROSS SECTIONS

LEGEND

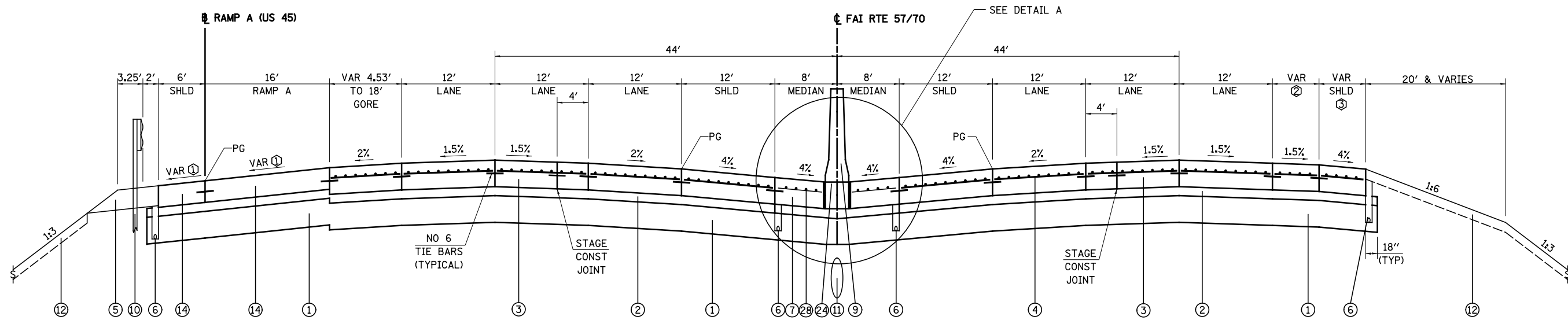
- | | |
|--|---|
| ① PROPOSED LIME MODIFIED SOIL 12", 24" (SEE SCHEDULE) | ⑮ PROPOSED COARSE AGGREGATE - COST INCLUDED IN PORTLAND CEMENT CONCRETE SHOULDERS 13" |
| ② PROPOSED STABILIZED SUB-BASE 4" | ⑯ PROPOSED BITUMINOUS MATERIALS (PRIME COAT) |
| ③ PROPOSED CONTINUOUSLY REINFORCED PCC PAVEMENT 13" | ⑰ PROPOSED AGGREGATE (PRIME COAT) |
| ④ PROPOSED PAVEMENT REINFORCEMENT 13" | ⑱ PROPOSED LEVELING BINDER (MACHINE METHOD), N105 VARIES 0" TO 6" |
| ⑤ PROPOSED AGGREGATE SHOULDERS, TYPE B 6" | ⑲ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 & VARIES |
| ⑥ PROPOSED PIPE UNDERDRAINS 6" | ⑳ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2" & VARIES |
| ⑦ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 13" | ㉑ PROPOSED CONCRETE MEDIAN, TYPE SM (DOWELLED) |
| ⑧ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 | ㉒ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4" |
| ⑨ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT | ㉓ PROPOSED BRIDGE APPROACH SLAB |
| ⑩ PROPOSED STEEL PLATE BEAM GUARD RAIL, TYPE A | ㉔ PROPOSED CONCRETE BARRIER BASE |
| ⑪ PROPOSED STORM SEWERS, CLASS A | ㉕ PROPOSED PIPE UNDERDRAIN 4" |
| ⑫ PROPOSED TOPSOIL 4" | ㉖ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B |
| ⑬ PROPOSED PCC PAVEMENT 10" (JOINTED) | ㉗ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" |
| ⑭ PROPOSED PCC PAVEMENT 9 3/4" (JOINTED) | ㉘ PROPOSED PAVEMENT FABRIC |
| | ㉙ SLAG MODIFIED CEMENT, 12" |

SEE LEGEND NOS. ③-④ FOR PAVEMENT COMPOSITION OF SHOULDERS AND DRIVING LANES

NOTES
PROPOSED SIDE SLOPES/DITCHES
VARY - SEE CROSS SECTIONS

LIMITS OF PROPOSED TOPSOIL
VARIES - SEE CROSS SECTIONS

FILE NAME =	USER NAME = \$USER\$	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS MAINLINE FAI ROUTES 57 / 70		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
\$FILEL\$		DRAWN - RCB	REVISED -				57/70	(25-4R)	EFFINGHAM	1760	50
	PLOT SCALE = \$SCALE\$	CHECKED - BRM	REVISED -		SCALE: 1"=50'	SHEET NO. 5 OF 35 SHEETS	STA.	TO STA.	CONTRACT NO. 74295		
	PLOT DATE = \$DATE\$	DATE - 01/22/09	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						



PROPOSED MAINLINE TANGENT SECTION

① SLOPE VARIES, SEE CROSS SECTIONS

STA 2297+03.04 TO STA 2299+86.61 (FAI RTE 57/70)

② RAMP RECOVERY AREA, VARIES 9.17' TO 3.50'
 RAMP RECOVERY AREA ENDS, 1' STUB, RT STA 2301+11.32
 ③ SHOULDER VARIES 6' TO 8.50'

LEGEND

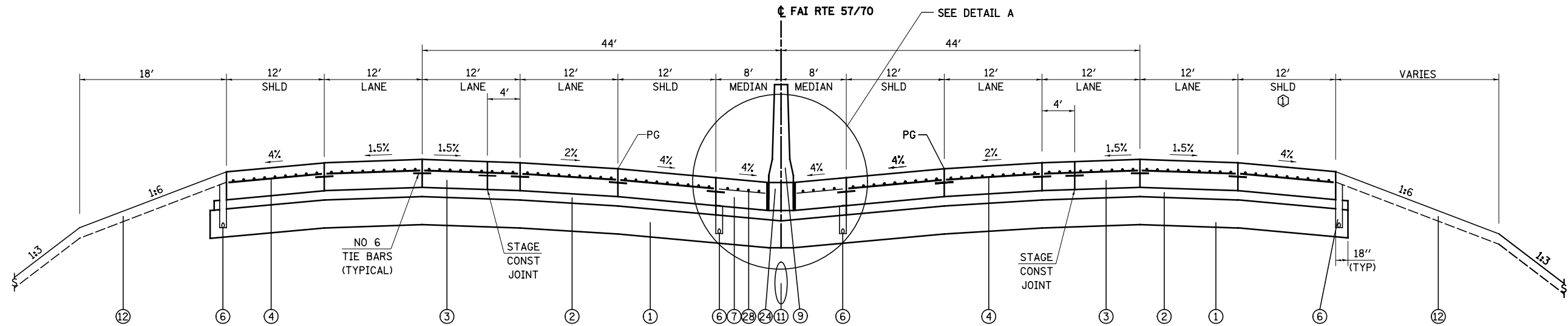
- | | |
|--|---|
| ① PROPOSED LIME MODIFIED SOIL 12", 24" (SEE SCHEDULE) | ⑮ PROPOSED COARSE AGGREGATE - COST INCLUDED IN PORTLAND CEMENT CONCRETE SHOULDERS 13" |
| ② PROPOSED STABILIZED SUB-BASE 4" | ⑯ PROPOSED BITUMINOUS MATERIALS (PRIME COAT) |
| ③ PROPOSED CONTINUOUSLY REINFORCED PCC PAVEMENT 13" | ⑰ PROPOSED AGGREGATE (PRIME COAT) |
| ④ PROPOSED PAVEMENT REINFORCEMENT 13" | ⑱ PROPOSED LEVELING BINDER (MACHINE METHOD), N105 VARIES 0" TO 6" |
| ⑤ PROPOSED AGGREGATE SHOULDERS, TYPE B 6" | ⑲ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 & VARIES |
| ⑥ PROPOSED PIPE UNDERDRAINS 6" | ⑳ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2" & VARIES |
| ⑦ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 13" | ㉑ PROPOSED CONCRETE MEDIAN, TYPE SM (DOWELLED) |
| ⑧ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 | ㉒ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4" |
| ⑨ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT | ㉓ PROPOSED BRIDGE APPROACH SLAB |
| ⑩ PROPOSED STEEL PLATE BEAM GUARD RAIL, TYPE A | ㉔ PROPOSED CONCRETE BARRIER BASE |
| ⑪ PROPOSED STORM SEWERS, CLASS A | ㉕ PROPOSED PIPE UNDERDRAIN 4" |
| ⑫ PROPOSED TOPSOIL 4" | ㉖ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B |
| ⑬ PROPOSED PCC PAVEMENT 10" (JOINTED) | ㉗ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" |
| ⑭ PROPOSED PCC PAVEMENT 9 3/4" (JOINTED) | ㉘ PROPOSED PAVEMENT FABRIC |
| | ㉙ SLAG MODIFIED CEMENT, 12" |

SEE LEGEND NOS. ③-④ FOR PAVEMENT COMPOSITION OF SHOULDERS AND DRIVING LANES

NOTES
 PROPOSED SIDE SLOPES/DITCHES
 VARY - SEE CROSS SECTIONS

LIMITS OF PROPOSED TOPSOIL
 VARIES - SEE CROSS SECTIONS

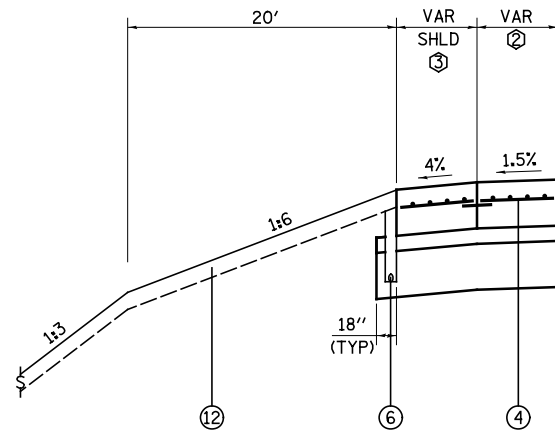
FILE NAME =	USER NAME = #USER#	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS MAINLINE FAI ROUTES 57 / 70		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL#		DRAWN - RCB	REVISED -		57/70	(25-4R)	EFFINGHAM	1760	51			
PLOT SCALE = #SCALE#		CHECKED - BRM	REVISED -		SCALE: 1"=50'		SHEET NO. 6 OF 35 SHEETS		STA. TO STA.		CONTRACT NO. 74295	
PLOT DATE = #DATE#		DATE - 01/22/09	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							



PROPOSED MAINLINE TANGENT SECTION

STA 2299+86.61 TO STA 2310+82.77 (FAI RTE 57/70)

① SHOULDER ENDS, RT STA 2310+49.83
GORE AREA BEGINS



SHOULDER AND RAMP RECOVERY AREA DETAIL
LT STA 2306+72.80 TO STA 2310+82.77

- ② RAMP RECOVERY AREA, VARIES 1' STUB TO 9.20'
- ③ SHOULDER, VARIES 11' TO 6'

LEGEND

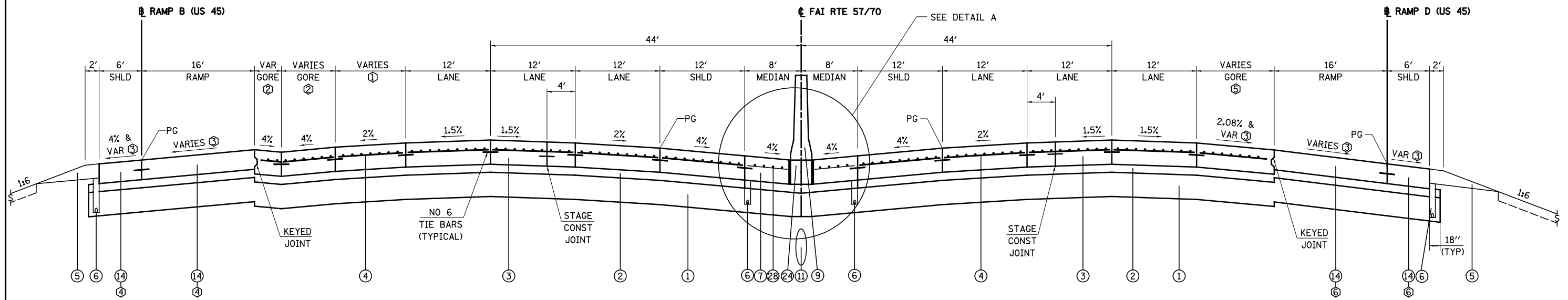
- ① PROPOSED LIME MODIFIED SOIL 12", 24" (SEE SCHEDULE)
- ② PROPOSED STABILIZED SUB-BASE 4"
- ③ PROPOSED CONTINUOUSLY REINFORCED PCC PAVEMENT 13"
- ④ PROPOSED PAVEMENT REINFORCEMENT 13"
- ⑤ PROPOSED AGGREGATE SHOULDERS, TYPE B 6"
- ⑥ PROPOSED PIPE UNDERDRAINS 6"
- ⑦ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 13"
- ⑧ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑨ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- ⑩ PROPOSED STEEL PLATE BEAM GUARD RAIL, TYPE A
- ⑪ PROPOSED STORM SEWERS, CLASS A
- ⑫ PROPOSED TOPSOIL 4"
- ⑬ PROPOSED PCC PAVEMENT 10" (JOINTED)
- ⑭ PROPOSED PCC PAVEMENT 9 3/4" (JOINTED)
- ⑮ PROPOSED COARSE AGGREGATE - COST INCLUDED IN PORTLAND CEMENT CONCRETE SHOULDERS 13"
- ⑯ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑰ PROPOSED AGGREGATE (PRIME COAT)
- ⑱ PROPOSED LEVELING BINDER (MACHINE METHOD), N105 VARIES 0" TO 6"
- ⑲ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 & VARIES
- ⑳ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2" & VARIES
- ㉑ PROPOSED CONCRETE MEDIAN, TYPE SM (DOWELLED)
- ㉒ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4"
- ㉓ PROPOSED BRIDGE APPROACH SLAB
- ㉔ PROPOSED CONCRETE BARRIER BASE
- ㉕ PROPOSED PIPE UNDERDRAIN 4"
- ㉖ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ㉗ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8"
- ㉘ PROPOSED PAVEMENT FABRIC
- ㉙ SLAG MODIFIED CEMENT, 12"

SEE LEGEND NOS. ③-④ FOR PAVEMENT COMPOSITION OF SHOULDERS AND DRIVING LANES

NOTES
PROPOSED SIDE SLOPES/DITCHES
VARY - SEE CROSS SECTIONS

LIMITS OF PROPOSED TOPSOIL
VARIES - SEE CROSS SECTIONS

FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS MAINLINE FAI ROUTES 57 / 70		F.A.I. RTE. 57/70	SECTION (25-4R)	COUNTY EFFINGHAM	TOTAL SHEETS 1760	SHEET NO. 52
	PLOT SCALE = #SCALE#	DRAWN - RCB	REVISED -		SCALE: 1"=50'	SHEET NO. 7 OF 35 SHEETS	STA.	TO STA.	CONTRACT NO. 74295		
	PLOT DATE = #DATE#	CHECKED - BRM	REVISED -				FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
		DATE - 01/22/09	REVISED -								

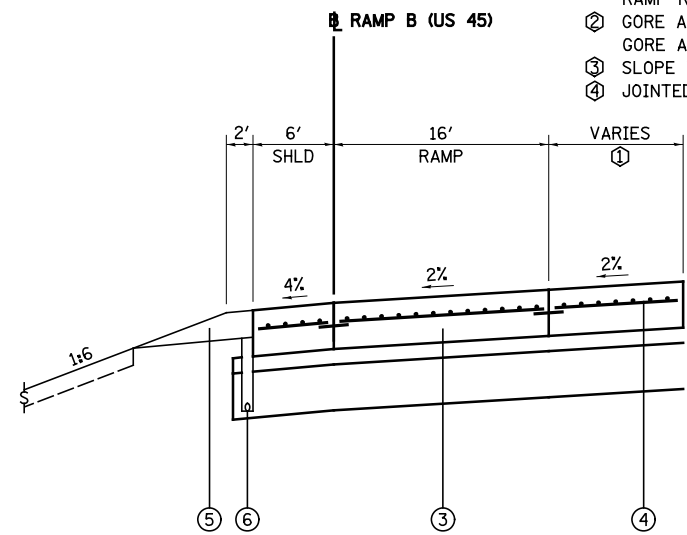


PROPOSED MAINLINE TANGENT SECTION

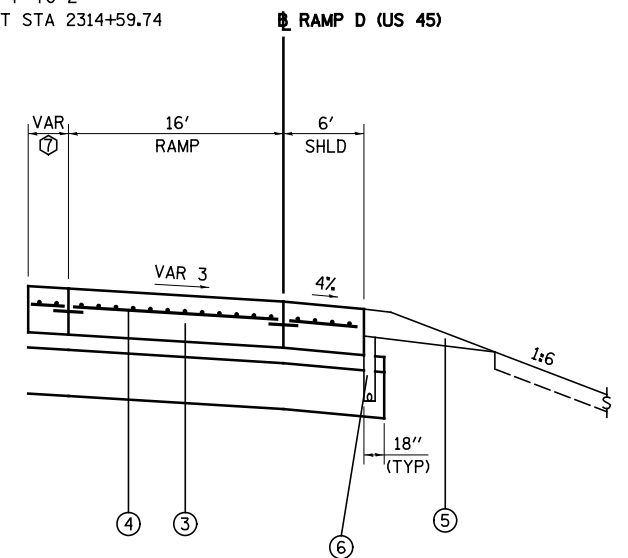
STA 2310+82.77 TO STA 2315+36.98 (FAI RTE 57/70)
 STATION EQUATION - STA 2315+36.98, FAI 57/70 = STA 10+00.00, RAMP B

- ① RAMP RECOVERY AREA, VARIES 9.20' TO 18' TO 1' RAMP RECOVERY AREA ENDS, LT STA 2314+65.92
- ② GORE AREA, VARIES 18.58' TO 6' GORE AREA ENDS, LT STA 2312+22.82
- ③ SLOPE VARIES, SEE CROSS SECTIONS
- ④ JOINTED PAVEMENT ENDS, LT STA 2312+22.82

- ⑤ GORE AREA VARIES, 18' TO 4'
- ⑥ JOINTED PAVEMENT ENDS, RT STA 2313+59.74
- ⑦ GORE AREA, VARIES 4' TO 2' GORE AREA ENDS, RT STA 2314+59.74



RAMP AND RAMP RECOVERY AREA DETAIL
 LT STA 2312+22.82 TO STA 2314+65.92



GORE AND RAMP DETAIL
 RT STA 2313+59.74 TO STA 2315+36.98

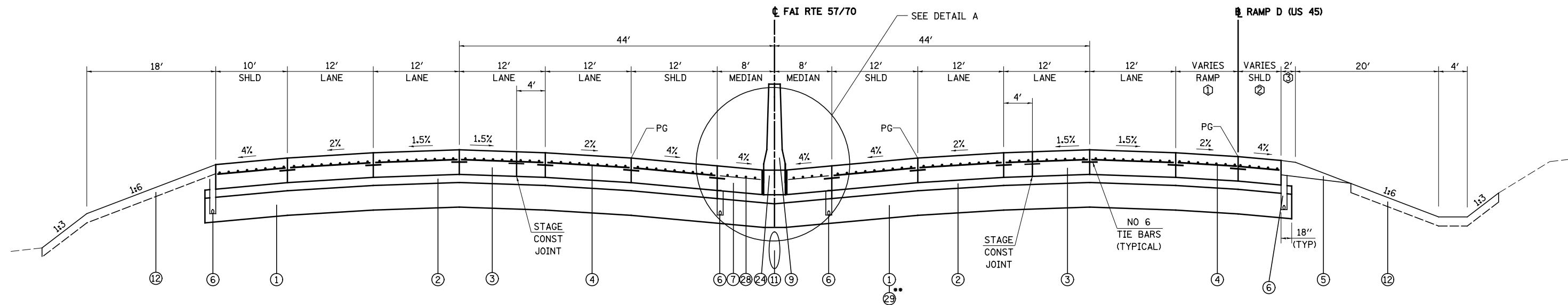
LEGEND

- ① PROPOSED LIME MODIFIED SOIL 12"; 24" (SEE SCHEDULE)
- ② PROPOSED STABILIZED SUB-BASE 4"
- ③ PROPOSED CONTINUOUSLY REINFORCED PCC PAVEMENT 13"
- ④ PROPOSED PAVEMENT REINFORCEMENT 13"
- ⑤ PROPOSED AGGREGATE SHOULDERS, TYPE B 6"
- ⑥ PROPOSED PIPE UNDERDRAINS 6"
- ⑦ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 13"
- ⑧ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑨ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- ⑩ PROPOSED STEEL PLATE BEAM GUARD RAIL, TYPE A
- ⑪ PROPOSED STORM SEWERS, CLASS A
- ⑫ PROPOSED TOPSOIL 4"
- ⑬ PROPOSED PCC PAVEMENT 10" (JOINTED)
- ⑭ PROPOSED PCC PAVEMENT 9 3/4" (JOINTED)
- ⑮ PROPOSED COARSE AGGREGATE - COST INCLUDED IN PORTLAND CEMENT CONCRETE SHOULDERS 13"
- ⑯ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑰ PROPOSED AGGREGATE (PRIME COAT)
- ⑱ PROPOSED LEVELING BINDER (MACHINE METHOD), N105 VARIES 0" TO 6"
- ⑲ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 & VARIES
- ⑳ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2" & VARIES
- ㉑ PROPOSED CONCRETE MEDIAN, TYPE SM (DOWELLED)
- ㉒ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4"
- ㉓ PROPOSED BRIDGE APPROACH SLAB
- ㉔ PROPOSED CONCRETE BARRIER BASE
- ㉕ PROPOSED PIPE UNDERDRAIN 4"
- ㉖ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ㉗ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8"
- ㉘ PROPOSED PAVEMENT FABRIC
- ㉙ SLAG MODIFIED CEMENT, 12"

SEE LEGEND NOS. ③-④ FOR PAVEMENT COMPOSITION OF SHOULDERS AND DRIVING LANES

NOTES
 PROPOSED SIDE SLOPES/DITCHES
 VARY - SEE CROSS SECTIONS
 LIMITS OF PROPOSED TOPSOIL
 VARIES - SEE CROSS SECTIONS

FILE NAME =	USER NAME = *USER*	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS MAINLINE FAI ROUTES 57 / 70		F.A.I. RTE. 57/70	SECTION (25-4R)	COUNTY EFFINGHAM	TOTAL SHEETS 1760	SHEET NO. 53	
FILEL		DRAWN - RCB	REVISED -		SCALE: 1"=50'	SHEET NO. 8 OF 35 SHEETS	STA.	TO STA.	CONTRACT NO. 74295			
		CHECKED - BRM	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
		DATE - 01/22/09	REVISED -									



PROPOSED MAINLINE TANGENT SECTION

STA 2315+36.98 TO STA 2326+85.06 (FAI RTE 57/70)

STATION EQUATION - STA 2323+09.71, FAI 57/70 = STA 44+10.77, RAMP D

** ① STA 2315+36.98 TO 2320+00.00
 ②⑨ STA 2320+00.00 TO 2326+85.06

① RAMP D, VARIES 16.43' TO 1' STUB
 STUB AT RT STA 2323+09.71
 ② SHOULDER, VARIES 6' TO 12'
 6' SHOULDER ENDS, RT STA 2320+59.81
 ③ AGGREGATE SHOULDER ENDS, RT STA 2321+59.81

LEGEND

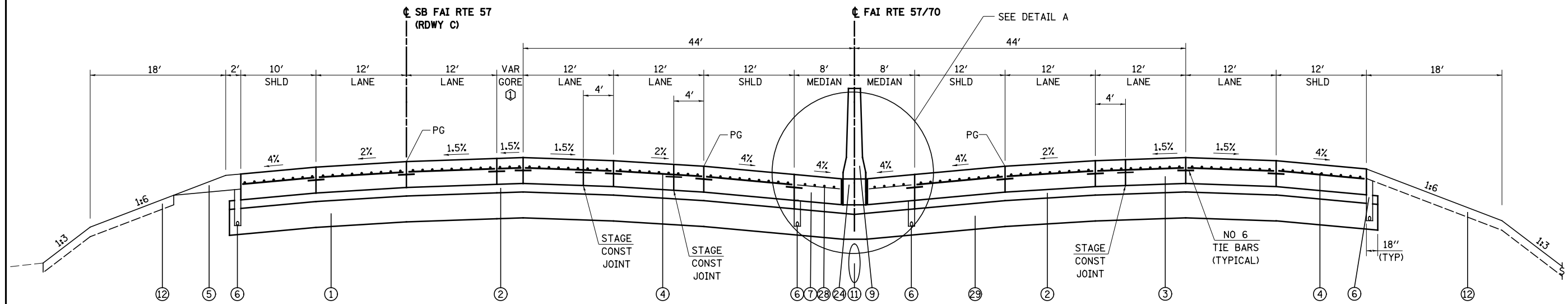
- | | |
|--|---|
| ① PROPOSED LIME MODIFIED SOIL 12", 24" (SEE SCHEDULE) | ⑮ PROPOSED COARSE AGGREGATE - COST INCLUDED IN PORTLAND CEMENT CONCRETE SHOULDERS 13" |
| ② PROPOSED STABILIZED SUB-BASE 4" | ⑯ PROPOSED BITUMINOUS MATERIALS (PRIME COAT) |
| ③ PROPOSED CONTINUOUSLY REINFORCED PCC PAVEMENT 13" | ⑰ PROPOSED AGGREGATE (PRIME COAT) |
| ④ PROPOSED PAVEMENT REINFORCEMENT 13" | ⑱ PROPOSED LEVELING BINDER (MACHINE METHOD), N105 VARIES 0" TO 6" |
| ⑤ PROPOSED AGGREGATE SHOULDERS, TYPE B 6" | ⑲ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 & VARIES |
| ⑥ PROPOSED PIPE UNDERDRAINS 6" | ⑳ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2" & VARIES |
| ⑦ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 13" | ㉑ PROPOSED CONCRETE MEDIAN, TYPE SM (DOWELLED) |
| ⑧ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 | ㉒ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4" |
| ⑨ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT | ㉓ PROPOSED BRIDGE APPROACH SLAB |
| ⑩ PROPOSED STEEL PLATE BEAM GUARD RAIL, TYPE A | ㉔ PROPOSED CONCRETE BARRIER BASE |
| ⑪ PROPOSED STORM SEWERS, CLASS A | ㉕ PROPOSED PIPE UNDERDRAIN 4" |
| ⑫ PROPOSED TOPSOIL 4" | ㉖ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B |
| ⑬ PROPOSED PCC PAVEMENT 10" (JOINTED) | ㉗ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" |
| ⑭ PROPOSED PCC PAVEMENT 9 3/4" (JOINTED) | ㉘ PROPOSED PAVEMENT FABRIC |
| | ㉙ SLAG MODIFIED CEMENT, 12" |

SEE LEGEND NOS. ③-④ FOR PAVEMENT COMPOSITION OF SHOULDERS AND DRIVING LANES

NOTES
 PROPOSED SIDE SLOPES/DITCHES
 VARY - SEE CROSS SECTIONS

LIMITS OF PROPOSED TOPSOIL
 VARIES - SEE CROSS SECTIONS

FILE NAME =	USER NAME = \$USER\$	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS MAINLINE FAI ROUTES 57 / 70		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
*FILEL\$		DRAWN - RCB	REVISED -		57/70	(25-4R)	EFFINGHAM	1760	54			
		CHECKED - BRM	REVISED -		SCALE: 1"=50'		SHEET NO. 9 OF 35 SHEETS		STA. TO STA.		CONTRACT NO. 74295	
		DATE - 01/22/09	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							



PROPOSED MAINLINE TANGENT SECTION

① GORE AREA, VARIES 1' TO 6'
GORE AREA BEGINS, 1' STUB, LT STA 2328+51.68

STA 2326+85.06 TO STA 2336+85.13 (FAI RTE 57/70)
STATION EQUATION - STA 2326+85.06, FAI 57/70 = STA 40+90.00, SB FAI 57 (RDWY C)

LEGEND

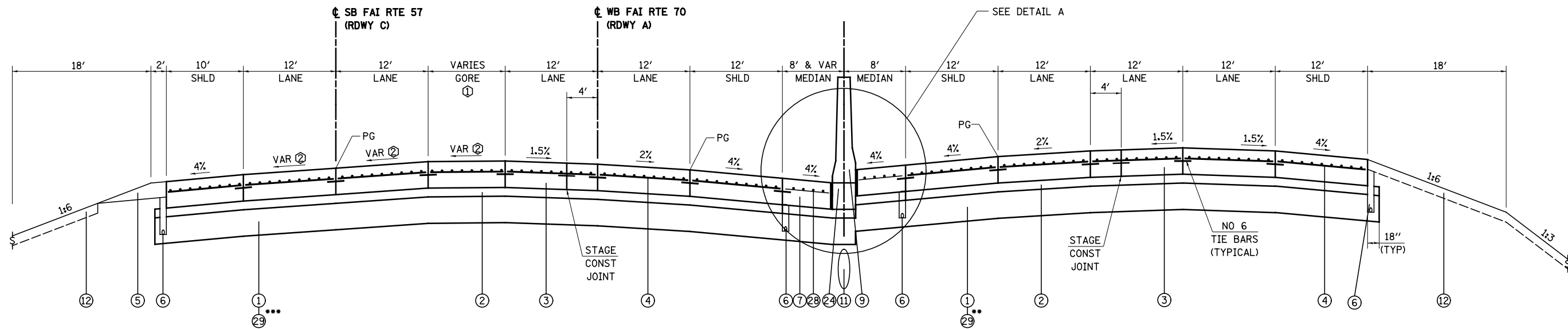
- | | |
|--|---|
| ① PROPOSED LIME MODIFIED SOIL 12", 24" (SEE SCHEDULE) | ⑮ PROPOSED COARSE AGGREGATE - COST INCLUDED IN PORTLAND CEMENT CONCRETE SHOULDERS 13" |
| ② PROPOSED STABILIZED SUB-BASE 4" | ⑯ PROPOSED BITUMINOUS MATERIALS (PRIME COAT) |
| ③ PROPOSED CONTINUOUSLY REINFORCED PCC PAVEMENT 13" | ⑰ PROPOSED AGGREGATE (PRIME COAT) |
| ④ PROPOSED PAVEMENT REINFORCEMENT 13" | ⑱ PROPOSED LEVELING BINDER (MACHINE METHOD), N105 VARIES 0" TO 6" |
| ⑤ PROPOSED AGGREGATE SHOULDERS, TYPE B 6" | ⑲ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 & VARIES |
| ⑥ PROPOSED PIPE UNDERDRAINS 6" | ⑳ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2" & VARIES |
| ⑦ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 13" | ㉑ PROPOSED CONCRETE MEDIAN, TYPE SM (DOWELLED) |
| ⑧ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 | ㉒ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4" |
| ⑨ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT | ㉓ PROPOSED BRIDGE APPROACH SLAB |
| ⑩ PROPOSED STEEL PLATE BEAM GUARD RAIL, TYPE A | ㉔ PROPOSED CONCRETE BARRIER BASE |
| ⑪ PROPOSED STORM SEWERS, CLASS A | ㉕ PROPOSED PIPE UNDERDRAIN 4" |
| ⑫ PROPOSED TOPSOIL 4" | ㉖ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B |
| ⑬ PROPOSED PCC PAVEMENT 10" (JOINTED) | ㉗ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" |
| ⑭ PROPOSED PCC PAVEMENT 9 3/4" (JOINTED) | ㉘ PROPOSED PAVEMENT FABRIC |
| | ㉙ SLAG MODIFIED CEMENT, 12" |

SEE LEGEND NOS. ③-④ FOR PAVEMENT COMPOSITION OF SHOULDERS AND DRIVING LANES

NOTES
PROPOSED SIDE SLOPES/DITCHES
VARY - SEE CROSS SECTIONS

LIMITS OF PROPOSED TOPSOIL
VARIES - SEE CROSS SECTIONS

FILE NAME =	USER NAME = *USER*	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS MAINLINE FAI ROUTES 57 / 70		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILEL		DRAWN - RCB	REVISED -		57/70	(25-4R)	EFFINGHAM	1760	55	CONTRACT NO. 74295	
		CHECKED - BRM	REVISED -		SCALE: 1"=50'	SHEET NO. 10 OF 35 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
		DATE - 01/22/09	REVISED -								



PROPOSED MAINLINE TANGENT SECTION

- ** ① STA 2341+50.00 TO 2342+12.76 ① GORE AREA, VARIES 6' TO 20'
- ②⑨ STA 2336+85.13 TO 2341+50.00 ② SLOPE VARIES, SEE CROSS SECTIONS
- *** ②⑨ STA 2342+00.00 TO 2384+00.00 WB FAI 70 (RDWY A)

STA 2336+85.13 TO STA 2342+12.76 (FAI RTE 57/70)
 STATION EQUATION - STA 2339+00.00, FAI 57/70 = STA 2339+00.00, WB FAI 70 (RDWY A)
 STATION EQUATION - STA 2341+25.46, FAI 57/70 = STA 5336+76.91, NB FAI 57 (RDWY D)
 STATION EQUATION - STA 2341+50.00, FAI 57/70 = STA 2341+50.00, EB FAI 70 (RDWY B)

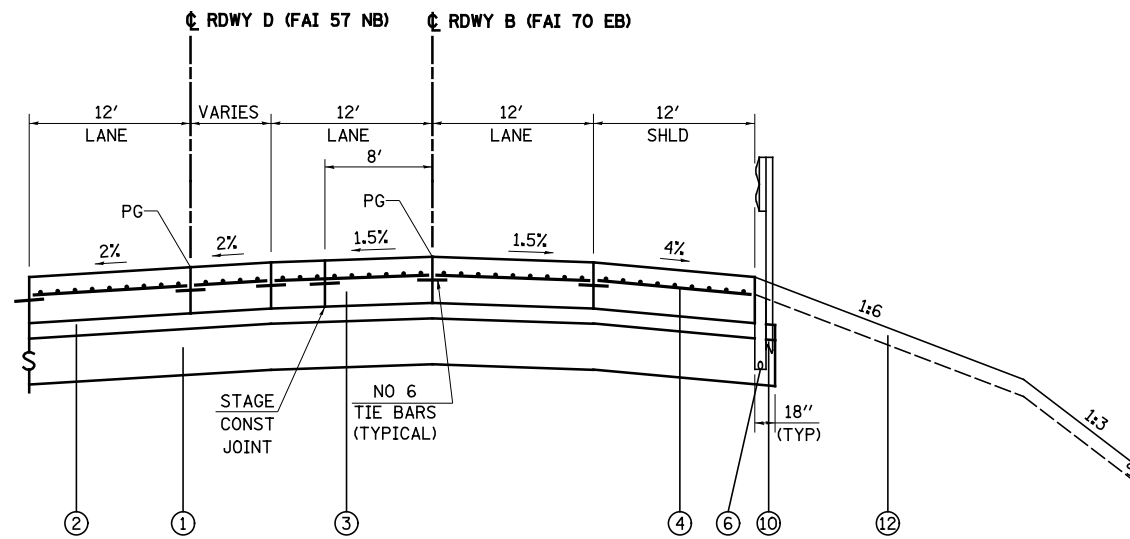
LEGEND

- ① PROPOSED LIME MODIFIED SOIL 12", 24" (SEE SCHEDULE)
- ② PROPOSED STABILIZED SUB-BASE 4"
- ③ PROPOSED CONTINUOUSLY REINFORCED PCC PAVEMENT 13"
- ④ PROPOSED PAVEMENT REINFORCEMENT 13"
- ⑤ PROPOSED AGGREGATE SHOULDERS, TYPE B 6"
- ⑥ PROPOSED PIPE UNDERDRAINS 6"
- ⑦ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 13"
- ⑧ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑨ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- ⑩ PROPOSED STEEL PLATE BEAM GUARD RAIL, TYPE A
- ⑪ PROPOSED STORM SEWERS, CLASS A
- ⑫ PROPOSED TOPSOIL 4"
- ⑬ PROPOSED PCC PAVEMENT 10" (JOINTED)
- ⑭ PROPOSED PCC PAVEMENT 9 3/4" (JOINTED)
- ⑮ PROPOSED COARSE AGGREGATE - COST INCLUDED IN PORTLAND CEMENT CONCRETE SHOULDERS 13"
- ⑯ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑰ PROPOSED AGGREGATE (PRIME COAT)
- ⑱ PROPOSED LEVELING BINDER (MACHINE METHOD), N105 VARIES 0" TO 6"
- ⑲ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 & VARIES
- ⑳ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2" & VARIES
- ㉑ PROPOSED CONCRETE MEDIAN, TYPE SM (DOWELLED)
- ㉒ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4"
- ㉓ PROPOSED BRIDGE APPROACH SLAB
- ㉔ PROPOSED CONCRETE BARRIER BASE
- ㉕ PROPOSED PIPE UNDERDRAIN 4"
- ㉖ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ㉗ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8"
- ㉘ PROPOSED PAVEMENT FABRIC
- ㉙ SLAG MODIFIED CEMENT, 12"

SEE LEGEND NOS. ③-④ FOR PAVEMENT COMPOSITION OF SHOULDERS AND DRIVING LANES

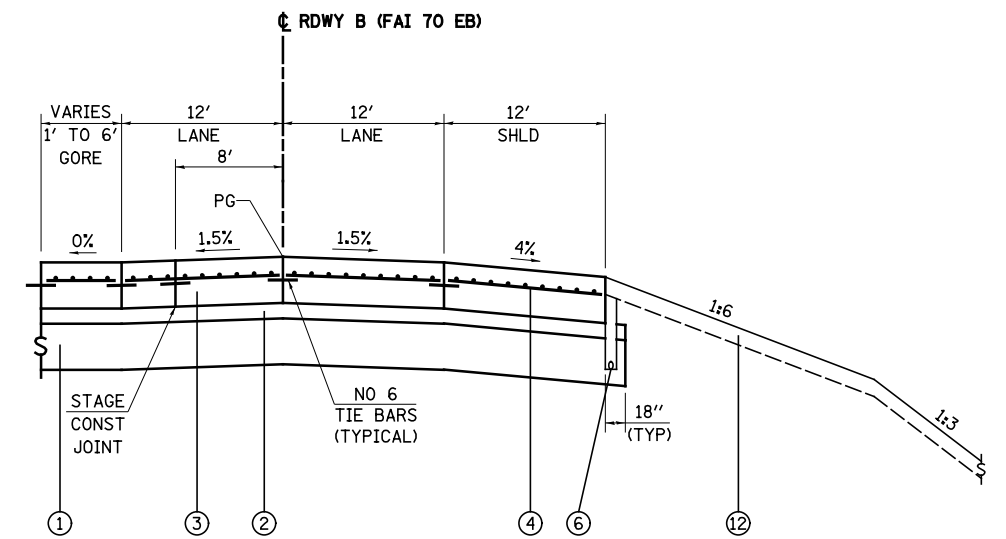
NOTES
 PROPOSED SIDE SLOPES/DITCHES VARY - SEE CROSS SECTIONS
 LIMITS OF PROPOSED TOPSOIL VARIES - SEE CROSS SECTIONS

FILE NAME =	USER NAME = \$USER*	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS MAINLINE FAI ROUTES 57 / 70		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*FILEL\$		DRAWN - RCB	REVISED -		57/70	(25-4R)	EFFINGHAM	1760	56	CONTRACT NO. 74295	
		CHECKED - BRM	REVISED -		SCALE: 1"=50'	SHEET NO. 11 OF 35 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
		DATE - 01/22/09	REVISED -								



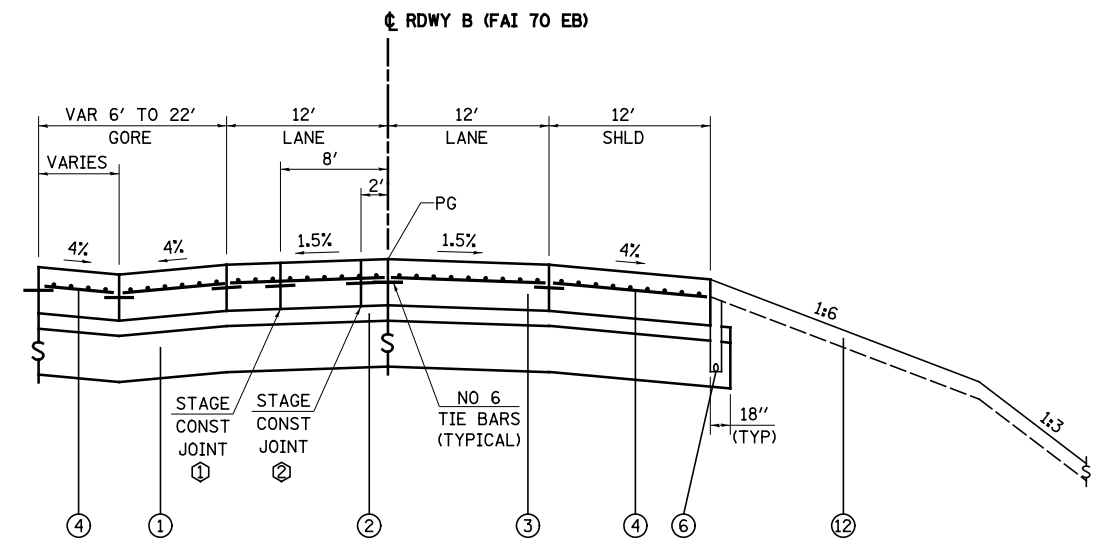
PROPOSED ROADWAY B TANGENT SECTION

STA 2341+50.00 TO STA 2352+08.85 (RDWY B, FAI RTE 70 EB)



PROPOSED ROADWAY B TANGENT SECTION

STA 2352+08.85 TO STA 2356+25.50 (RDWY B, FAI RTE 70 EB)



PROPOSED ROADWAY B TANGENT SECTION

LT STA 2356+25.50 TO STA 2360+32.88

- ① STAGE CONSTRUCTION JOINT FROM STA 2356+25.50 TO STA 2356+65.89
- ② STAGE CONSTRUCTION JOINT FROM STA 2356+65.89 TO STA 2360+32.88

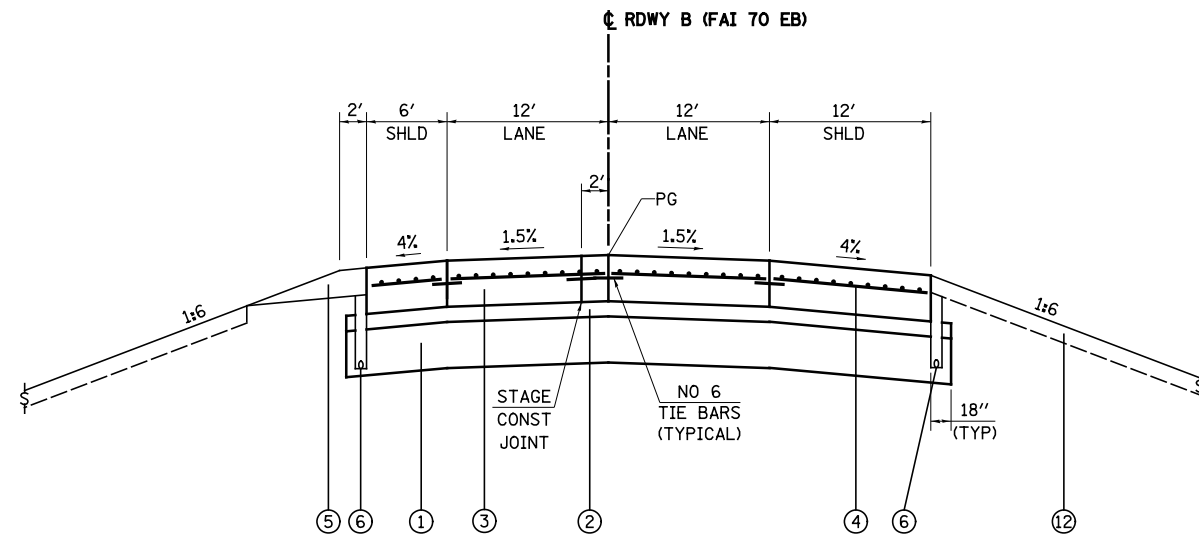
LEGEND

- | | |
|--|---|
| ① PROPOSED LIME MODIFIED SOIL 12", 24" (SEE SCHEDULE) | ⑮ PROPOSED COARSE AGGREGATE - COST INCLUDED IN PORTLAND CEMENT CONCRETE SHOULDERS 13" |
| ② PROPOSED STABILIZED SUB-BASE 4" | ⑯ PROPOSED BITUMINOUS MATERIALS (PRIME COAT) |
| ③ PROPOSED CONTINUOUSLY REINFORCED PCC PAVEMENT 13" | ⑰ PROPOSED AGGREGATE (PRIME COAT) |
| ④ PROPOSED PAVEMENT REINFORCEMENT 13" | ⑱ PROPOSED LEVELING BINDER (MACHINE METHOD), N105 VARIES 0" TO 6" |
| ⑤ PROPOSED AGGREGATE SHOULDERS, TYPE B 6" | ⑲ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 & VARIES |
| ⑥ PROPOSED PIPE UNDERDRAINS 6" | ⑳ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2" & VARIES |
| ⑦ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 13" | ㉑ PROPOSED CONCRETE MEDIAN, TYPE SM (DOWELLED) |
| ⑧ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 | ㉒ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4" |
| ⑨ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT | ㉓ PROPOSED BRIDGE APPROACH SLAB |
| ⑩ PROPOSED STEEL PLATE BEAM GUARD RAIL, TYPE A | ㉔ PROPOSED CONCRETE BARRIER BASE |
| ⑪ PROPOSED STORM SEWERS, CLASS A | ㉕ PROPOSED PIPE UNDERDRAIN 4" |
| ⑫ PROPOSED TOPSOIL 4" | ㉖ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B |
| ⑬ PROPOSED PCC PAVEMENT 10" (JOINTED) | ㉗ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" |
| ⑭ PROPOSED PCC PAVEMENT 9 3/4" (JOINTED) | ㉘ PROPOSED PAVEMENT FABRIC |
| | ㉙ SLAG MODIFIED CEMENT, 12" |

SEE LEGEND NOS. ③ - ④ FOR PAVEMENT COMPOSITION OF SHOULDERS AND DRIVING LANES

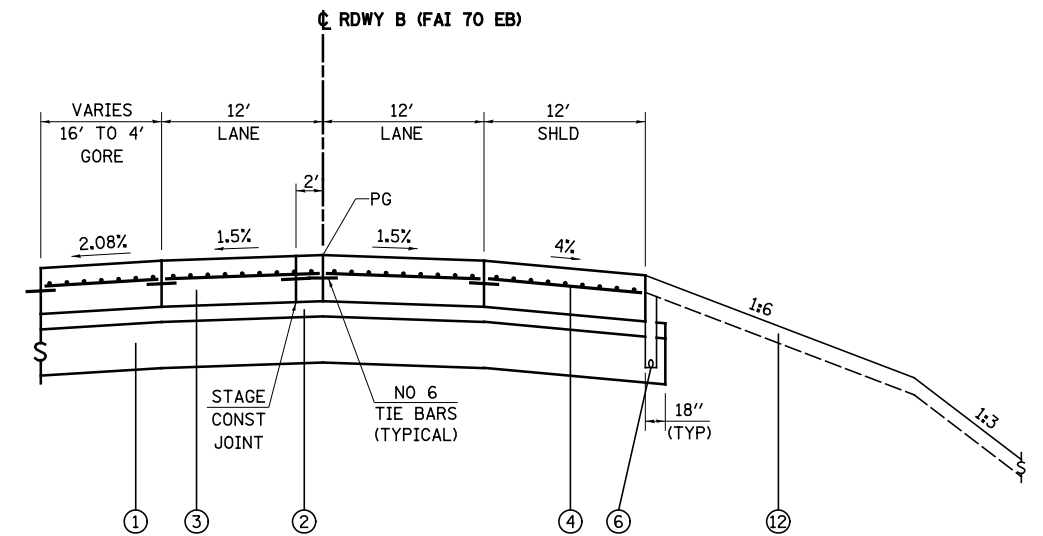
NOTES
 PROPOSED SIDE SLOPES/DITCHES VARY - SEE CROSS SECTIONS
 LIMITS OF PROPOSED TOPSOIL VARIES - SEE CROSS SECTIONS

FILE NAME =	USER NAME = #USER*	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS ROADWAY B, FAI ROUTE 70 EB		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
#FILE#		DRAWN - BB	REVISED -		SCALE: 1"=50'	SHEET NO. 12 OF 35 SHEETS	STA.	TO STA.	57/70	(25-4R)	EFFINGHAM	1760	57
		CHECKED - BRM	REVISED -						CONTRACT NO. 74295				
		DATE - 01/22/09	REVISED -						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



PROPOSED ROADWAY B TANGENT SECTION

STA 2360+32.88 TO STA 2377+93.56 (RDWY B, FAI RTE 70 EB)



PROPOSED ROADWAY B TANGENT SECTION

STA 2377+93.56 TO STA 2381+18.95 (RDWY B, FAI RTE 70 EB)

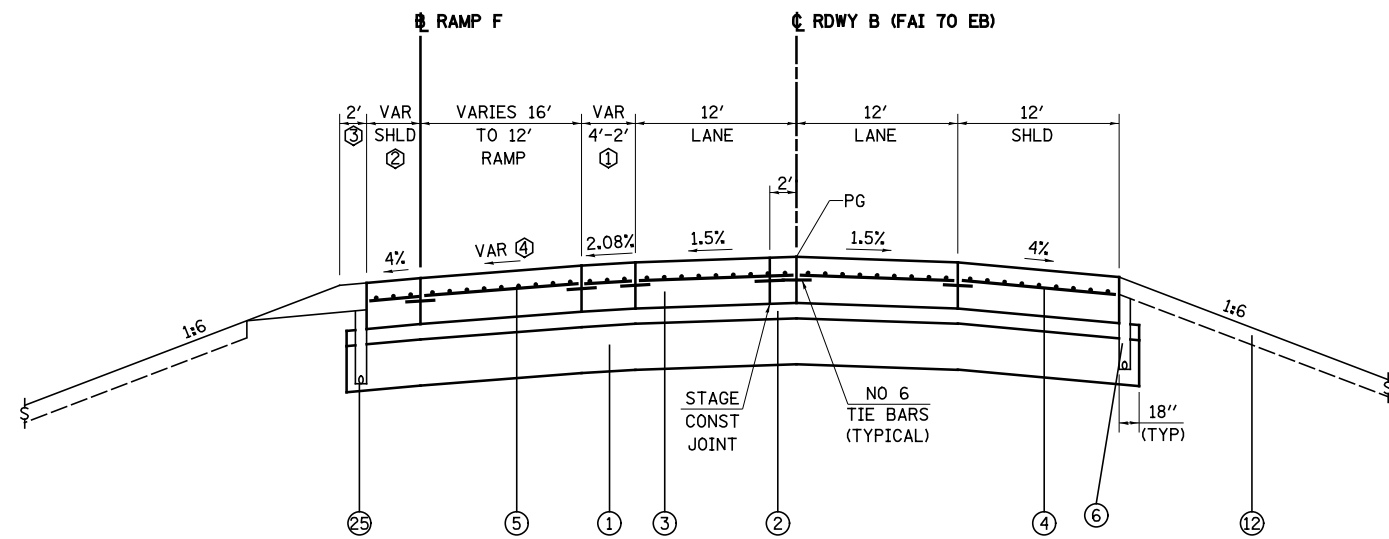
LEGEND

- | | |
|--|---|
| ① PROPOSED LIME MODIFIED SOIL 12", 24" (SEE SCHEDULE) | ⑮ PROPOSED COARSE AGGREGATE - COST INCLUDED IN PORTLAND CEMENT CONCRETE SHOULDERS 13" |
| ② PROPOSED STABILIZED SUB-BASE 4" | ⑯ PROPOSED BITUMINOUS MATERIALS (PRIME COAT) |
| ③ PROPOSED CONTINUOUSLY REINFORCED PCC PAVEMENT 13" | ⑰ PROPOSED AGGREGATE (PRIME COAT) |
| ④ PROPOSED PAVEMENT REINFORCEMENT 13" | ⑱ PROPOSED LEVELING BINDER (MACHINE METHOD), N105 VARIES 0" TO 6" |
| ⑤ PROPOSED AGGREGATE SHOULDERS, TYPE B 6" | ⑲ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 & VARIES |
| ⑥ PROPOSED PIPE UNDERDRAINS 6" | ⑳ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2" & VARIES |
| ⑦ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 13" | ㉑ PROPOSED CONCRETE MEDIAN, TYPE SM (DOWELLED) |
| ⑧ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 | ㉒ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4" |
| ⑨ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT | ㉓ PROPOSED BRIDGE APPROACH SLAB |
| ⑩ PROPOSED STEEL PLATE BEAM GUARD RAIL, TYPE A | ㉔ PROPOSED CONCRETE BARRIER BASE |
| ⑪ PROPOSED STORM SEWERS, CLASS A | ㉕ PROPOSED PIPE UNDERDRAIN 4" |
| ⑫ PROPOSED TOPSOIL 4" | ㉖ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B |
| ⑬ PROPOSED PCC PAVEMENT 10" (JOINTED) | ㉗ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" |
| ⑭ PROPOSED PCC PAVEMENT 9 3/4" (JOINTED) | ㉘ PROPOSED PAVEMENT FABRIC |
| | ㉙ SLAG MODIFIED CEMENT, 12" |

SEE LEGEND NOS. ③-④ FOR PAVEMENT COMPOSITION OF SHOULDERS AND DRIVING LANES

NOTES
 PROPOSED SIDE SLOPES/DITCHES
 VARY - SEE CROSS SECTIONS
 LIMITS OF PROPOSED TOPSOIL
 VARIES - SEE CROSS SECTIONS

FILE NAME =	USER NAME = #USER#	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS ROADWAY B, FAI ROUTE 70 EB	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - BB	REVISED -			57/70	(25-4R)	EFFINGHAM	1760	58
PLOT SCALE = #SCALE#		CHECKED - BRM	REVISED -			CONTRACT NO. 74295				
PLOT DATE = #DATE#		DATE - 01/22/09	REVISED -			SCALE: 1"=50'	SHEET NO. 13 OF 35 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.

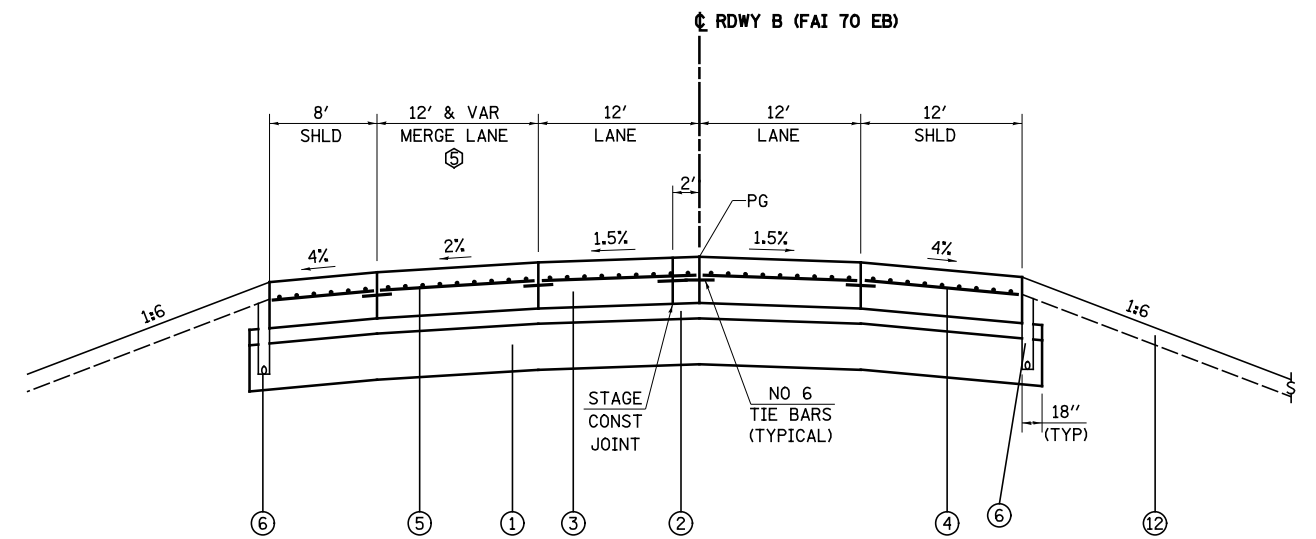


PROPOSED ROADWAY B TANGENT SECTION

STA 2381+18.95 TO STA 2385+34.22 (RDWY B, FAI RTE 70 EB)

STATION EQUATION - STA 2385+34.22, RDWY B = STA 21+91.22, RAMP F

- ① GORE AREA ENDS, LT STA 2382+22.75
- ② SHOULDER 4' & VARIES TO 8',
4' SHOULDER ENDS, LT STA 2383+26.71
- ③ AGGREGATE SHOULDER ENDS, LT STA 2384+30.50
- ④ SLOPE VARIES, SEE CROSS SECTIONS



PROPOSED ROADWAY B TANGENT SECTION

STA 2385+34.22 TO STA 2397+00.73 (RDWY B, FAI RTE 70 EB)

- ⑤ MERGE LANE VARIES 12' TO 8.67', LT STA 2395+34.22 TO STA 2397+00.73

LEGEND

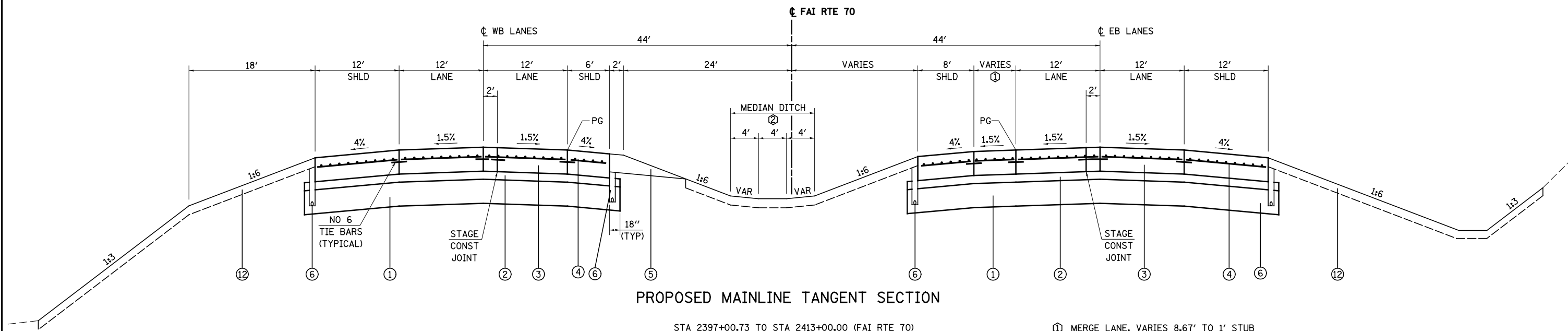
- | | |
|--|---|
| ① PROPOSED LIME MODIFIED SOIL 12"; 24" (SEE SCHEDULE) | ⑮ PROPOSED COARSE AGGREGATE - COST INCLUDED IN PORTLAND CEMENT CONCRETE SHOULDERS 13" |
| ② PROPOSED STABILIZED SUB-BASE 4" | ⑯ PROPOSED BITUMINOUS MATERIALS (PRIME COAT) |
| ③ PROPOSED CONTINUOUSLY REINFORCED PCC PAVEMENT 13" | ⑰ PROPOSED AGGREGATE (PRIME COAT) |
| ④ PROPOSED PAVEMENT REINFORCEMENT 13" | ⑱ PROPOSED LEVELING BINDER (MACHINE METHOD), N105 VARIES 0" TO 6" |
| ⑤ PROPOSED AGGREGATE SHOULDERS, TYPE B 6" | ⑲ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 & VARIES |
| ⑥ PROPOSED PIPE UNDERDRAINS 6" | ⑳ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2" & VARIES |
| ⑦ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 13" | ㉑ PROPOSED CONCRETE MEDIAN, TYPE SM (DOWELLED) |
| ⑧ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 | ㉒ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4" |
| ⑨ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT | ㉓ PROPOSED BRIDGE APPROACH SLAB |
| ⑩ PROPOSED STEEL PLATE BEAM GUARD RAIL, TYPE A | ㉔ PROPOSED CONCRETE BARRIER BASE |
| ⑪ PROPOSED STORM SEWERS, CLASS A | ㉕ PROPOSED PIPE UNDERDRAIN 4" |
| ⑫ PROPOSED TOPSOIL 4" | ㉖ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B |
| ⑬ PROPOSED PCC PAVEMENT 10" (JOINTED) | ㉗ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" |
| ⑭ PROPOSED PCC PAVEMENT 9 3/4" (JOINTED) | ㉘ PROPOSED PAVEMENT FABRIC |
| | ㉙ SLAG MODIFIED CEMENT, 12" |

SEE LEGEND NOS. ③-④ FOR PAVEMENT COMPOSITION OF SHOULDERS AND DRIVING LANES

NOTES
PROPOSED SIDE SLOPES/DITCHES
VARY - SEE CROSS SECTIONS

LIMITS OF PROPOSED TOPSOIL
VARIES - SEE CROSS SECTIONS

FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS ROADWAY B, FAI ROUTE 70 EB		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
		DRAWN - BB	REVISED -		SCALE: 1"=50'	SHEET NO. 14 OF 35 SHEETS	STA.	TO STA.	57/70	(25-4R)	EFFINGHAM	1760	59
		CHECKED - BRM	REVISED -		CONTRACT NO. 74295								
		DATE - 01/22/09	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								

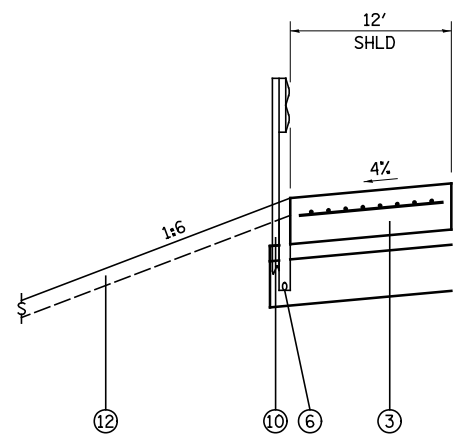


PROPOSED MAINLINE TANGENT SECTION

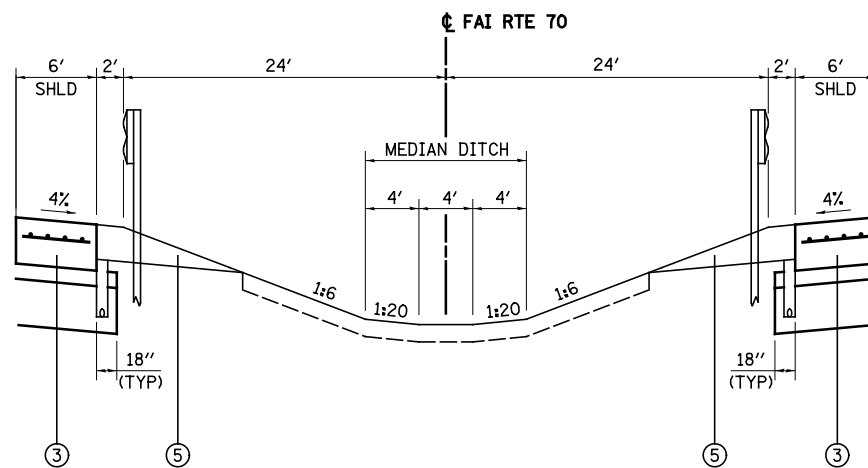
STA 2397+00.73 TO STA 2413+00.00 (FAI RTE 70)

STATION EQUATION - STA 2397+00.73, FAI 70 = STA 2397+00.73, EB FAI 70 (RDWY B)
 STATION EQUATION - STA 2397+92.03, FAI 70 = STA 2398+50.69, WB FAI 70 (RDWY A)

- ① MERGE LANE, VARIES 8.67' TO 1' STUB 1' STUB, RT STA 2400+84.22
- ② MEDIAN DITCH, SLOPES AND LOCATION VARIES, STA 2397+00.73 TO STA 2401+50.00, SEE CROSS SECTIONS



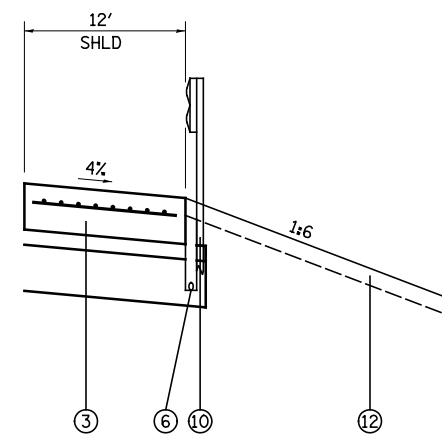
SHOULDER AND GUARD RAIL DETAIL
 STA 2405+72.14 TO STA 2414+21.89



MEDIAN DITCH DETAIL
 STA 2401+50.00 TO STA 2413+00.00

SHOULDER AND GUARD RAIL DETAIL
 STA 2406+00.40 TO STA 2415+12.90

SHOULDER AND GUARD RAIL DETAIL
 STA 2401+60.60 TO STA 2407+47.99



SHOULDER AND GUARD RAIL DETAIL
 STA 2402+06.55 TO STA 2405+50.30

LEGEND

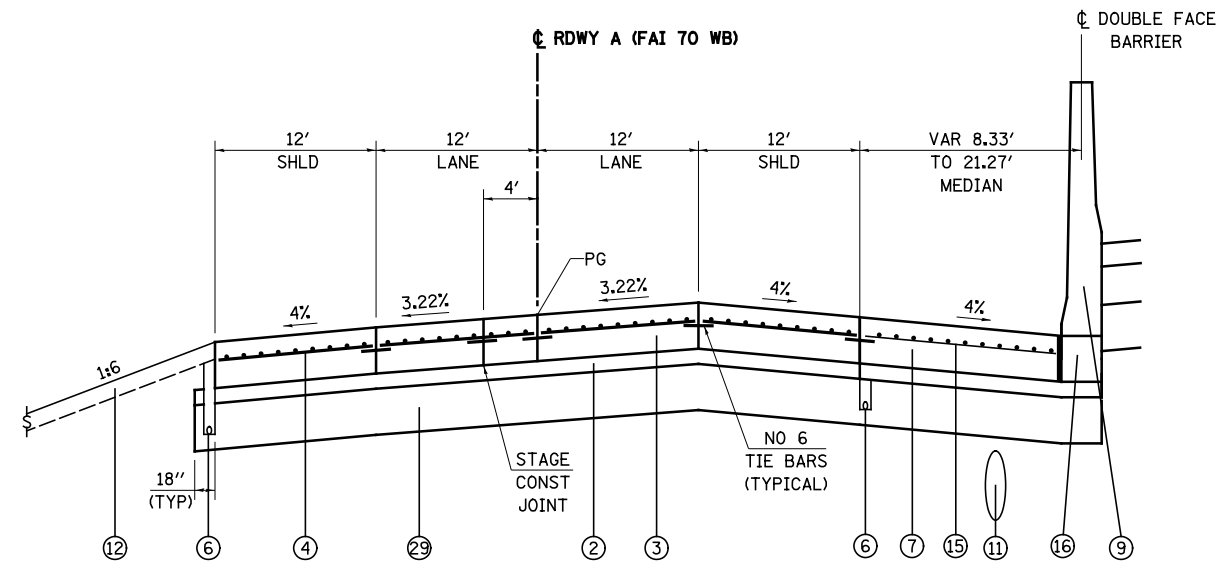
- | | |
|--|---|
| ① PROPOSED LIME MODIFIED SOIL 12", 24" (SEE SCHEDULE) | ⑮ PROPOSED COARSE AGGREGATE - COST INCLUDED IN PORTLAND CEMENT CONCRETE SHOULDERS 13" |
| ② PROPOSED STABILIZED SUB-BASE 4" | ⑯ PROPOSED BITUMINOUS MATERIALS (PRIME COAT) |
| ③ PROPOSED CONTINUOUSLY REINFORCED PCC PAVEMENT 13" | ⑰ PROPOSED AGGREGATE (PRIME COAT) |
| ④ PROPOSED PAVEMENT REINFORCEMENT 13" | ⑱ PROPOSED LEVELING BINDER (MACHINE METHOD), N105 VARIES 0" TO 6" |
| ⑤ PROPOSED AGGREGATE SHOULDERS, TYPE B 6" | ⑲ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 & VARIES |
| ⑥ PROPOSED PIPE UNDERDRAINS 6" | ⑳ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2" & VARIES |
| ⑦ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 13" | ㉑ PROPOSED CONCRETE MEDIAN, TYPE SM (DOWELLED) |
| ⑧ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 | ㉒ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4" |
| ⑨ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT | ㉓ PROPOSED BRIDGE APPROACH SLAB |
| ⑩ PROPOSED STEEL PLATE BEAM GUARD RAIL, TYPE A | ㉔ PROPOSED CONCRETE BARRIER BASE |
| ⑪ PROPOSED STORM SEWERS, CLASS A | ㉕ PROPOSED PIPE UNDERDRAIN 4" |
| ⑫ PROPOSED TOPSOIL 4" | ㉖ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B |
| ⑬ PROPOSED PCC PAVEMENT 10" (JOINTED) | ㉗ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" |
| ⑭ PROPOSED PCC PAVEMENT 9 3/4" (JOINTED) | ㉘ PROPOSED PAVEMENT FABRIC |
| | ㉙ SLAG MODIFIED CEMENT, 12" |

SEE LEGEND NOS. ③-④ FOR PAVEMENT COMPOSITION OF SHOULDERS AND DRIVING LANES

NOTES
 PROPOSED SIDE SLOPES/DITCHES VARY - SEE CROSS SECTIONS

LIMITS OF PROPOSED TOPSOIL VARIES - SEE CROSS SECTIONS

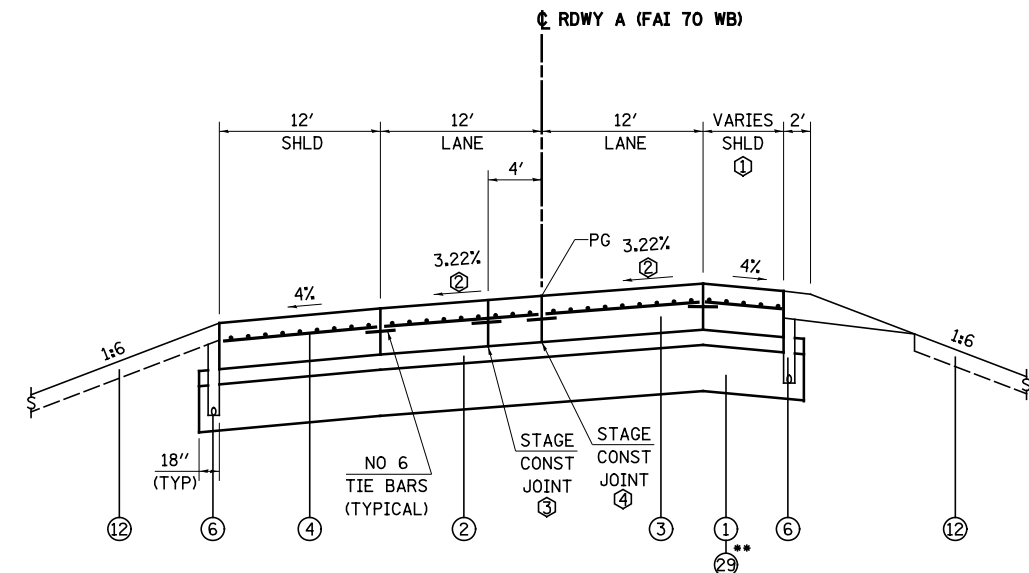
FILE NAME =	USER NAME = *USER*	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS MAINLINE FAI ROUTE 70			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
FILEL		DRAWN - RCB	REVISED -		SCALE: 1"=50'	SHEET NO. 15 OF 35 SHEETS	STA.	TO STA.	57/70	(25-4R)	EFFINGHAM	1760	60
		CHECKED - BRM	REVISED -						CONTRACT NO. 74295				
		DATE - 01/22/09	REVISED -						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



PROPOSED ROADWAY A SUPERELEVATED SECTION

STA 2342+13.27 TO STA 2345+62.09 (RDWY A, FAI RTE 70 WB)

STATION EQUATION - STA 2343+63.33, RDWY A = STA 2343+65.00, FAI RTE 70



PROPOSED ROADWAY A SUPERELEVATED SECTION

STA 2345+62.09 TO STA 2355+81.13 (RDWY A, FAI RTE 70 WB) - SHOWN ABOVE
 STA 2355+81.13 TO STA 2368+50.00 (RDWY A, FAI RTE 70 WB) - SE SLOPE OPPOSITE
 STA 2391+07.76 TO STA 2397+60.06 (RDWY A, FAI RTE 70 WB) - SHOWN ABOVE

- ** ① STA 2391+07.76 TO 2397+60.06
- ② STA 2345+62.09 TO 2368+50.00

- ① 6' SHOULDER BEGINS, RT STA 2347+61.31 TO STA 2368+50.00
- ② SE SLOPE 3.34% DOWN RT, STA 2355+81.13 TO STA 2368+50.00
- ③ STAGE CONSTRUCTION JOINT FROM STA 2345+62.09 TO STA 2348+00.00
- ④ STAGE CONSTRUCTION JOINT FROM STA 2348+00.00 TO STA 2368+50.00

LEGEND

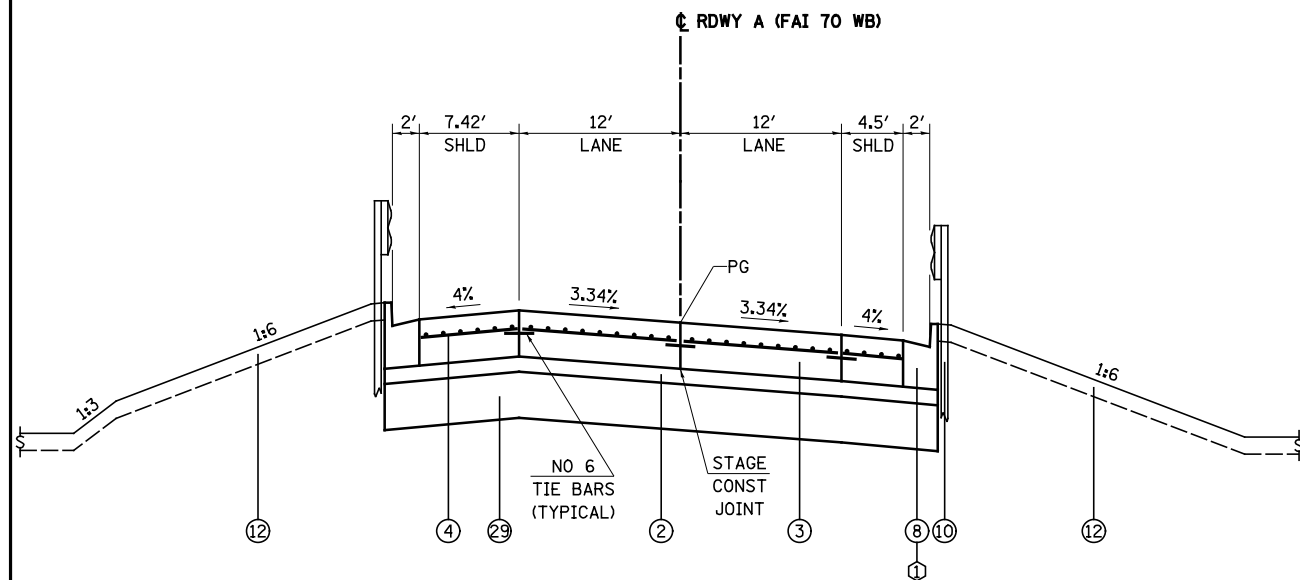
- | | |
|--|---|
| ① PROPOSED LIME MODIFIED SOIL 12", 24" (SEE SCHEDULE) | ⑮ PROPOSED COARSE AGGREGATE - COST INCLUDED IN PORTLAND CEMENT CONCRETE SHOULDERS 13" |
| ② PROPOSED STABILIZED SUB-BASE 4" | ⑯ PROPOSED BITUMINOUS MATERIALS (PRIME COAT) |
| ③ PROPOSED CONTINUOUSLY REINFORCED PCC PAVEMENT 13" | ⑰ PROPOSED AGGREGATE (PRIME COAT) |
| ④ PROPOSED PAVEMENT REINFORCEMENT 13" | ⑱ PROPOSED LEVELING BINDER (MACHINE METHOD), N105 VARIES 0" TO 6" |
| ⑤ PROPOSED AGGREGATE SHOULDERS, TYPE B 6" | ⑲ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 & VARIES |
| ⑥ PROPOSED PIPE UNDERDRAINS 6" | ⑳ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2" & VARIES |
| ⑦ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 13" | ㉑ PROPOSED CONCRETE MEDIAN, TYPE SM (DOWELLED) |
| ⑧ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 | ㉒ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4" |
| ⑨ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT | ㉓ PROPOSED BRIDGE APPROACH SLAB |
| ⑩ PROPOSED STEEL PLATE BEAM GUARD RAIL, TYPE A | ㉔ PROPOSED CONCRETE BARRIER BASE |
| ⑪ PROPOSED STORM SEWERS, CLASS A | ㉕ PROPOSED PIPE UNDERDRAIN 4" |
| ⑫ PROPOSED TOPSOIL 4" | ㉖ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B |
| ⑬ PROPOSED PCC PAVEMENT 10" (JOINTED) | ㉗ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" |
| ⑭ PROPOSED PCC PAVEMENT 9 3/4" (JOINTED) | ㉘ PROPOSED PAVEMENT FABRIC |
| | ㉙ SLAG MODIFIED CEMENT, 12" |

SEE LEGEND NOS. ③-④ FOR PAVEMENT COMPOSITION OF SHOULDERS AND DRIVING LANES

NOTES
 PROPOSED SIDE SLOPES/DITCHES VARY - SEE CROSS SECTIONS

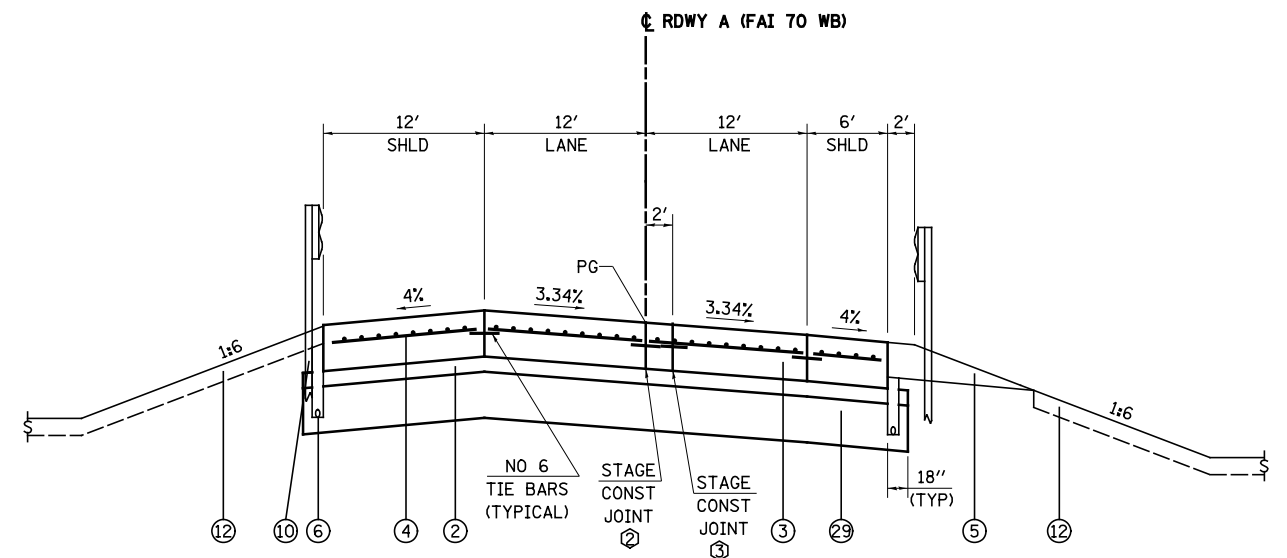
LIMITS OF PROPOSED TOPSOIL VARIES - SEE CROSS SECTIONS

FILE NAME =	USER NAME = *USER*	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS ROADWAY A, FAI ROUTE 70 WB	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
FILEL		DRAWN - BB	REVISED -			57/70	(25-4R)	EFFINGHAM	1760	61	
		CHECKED - BRM	REVISED -			CONTRACT NO. 74295					
		DATE - 01/22/09	REVISED -			SCALE: 1"=50'	SHEET NO. 16 OF 35 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT



PROPOSED ROADWAY A SUPERELEVATED SECTION

STA 2368+50.00 TO STA 2371+60.00 (RDWY A, FAI RTE 70 WB)



PROPOSED ROADWAY A SUPERELEVATED SECTION

STA 2371+60.00 TO STA 2383+36.93 (RDWY A, FAI RTE 70 WB)

① CURB & GUTTER, LT SIDE, STA 2368+75.00 TO STA 2371+45.00
 CURB & GUTTER, RT SIDE, STA 2368+50.00 TO STA 2371+60.00

② STAGE CONSTRUCTION JOINT FROM STA 2371+60.00 TO STA 2382+00.00
 ③ STAGE CONSTRUCTION JOINT FROM STA 2382+00.00 TO STA 2383+36.93

LEGEND

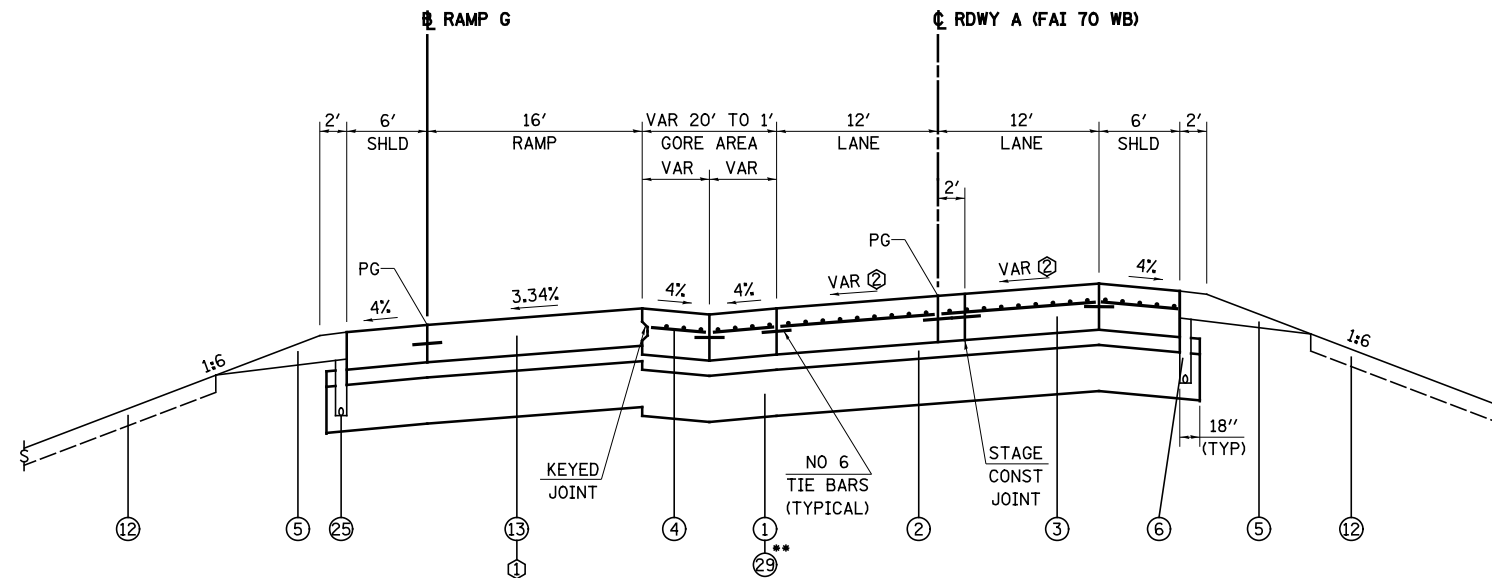
- | | |
|--|---|
| ① PROPOSED LIME MODIFIED SOIL 12", 24" (SEE SCHEDULE) | ⑮ PROPOSED COARSE AGGREGATE - COST INCLUDED IN PORTLAND CEMENT CONCRETE SHOULDERS 13" |
| ② PROPOSED STABILIZED SUB-BASE 4" | ⑯ PROPOSED BITUMINOUS MATERIALS (PRIME COAT) |
| ③ PROPOSED CONTINUOUSLY REINFORCED PCC PAVEMENT 13" | ⑰ PROPOSED AGGREGATE (PRIME COAT) |
| ④ PROPOSED PAVEMENT REINFORCEMENT 13" | ⑱ PROPOSED LEVELING BINDER (MACHINE METHOD), N105 VARIES 0" TO 6" |
| ⑤ PROPOSED AGGREGATE SHOULDERS, TYPE B 6" | ⑲ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 & VARIES |
| ⑥ PROPOSED PIPE UNDERDRAINS 6" | ⑳ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2" & VARIES |
| ⑦ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 13" | ㉑ PROPOSED CONCRETE MEDIAN, TYPE SM (DOWELLED) |
| ⑧ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 | ㉒ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4" |
| ⑨ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT | ㉓ PROPOSED BRIDGE APPROACH SLAB |
| ⑩ PROPOSED STEEL PLATE BEAM GUARD RAIL, TYPE A | ㉔ PROPOSED CONCRETE BARRIER BASE |
| ⑪ PROPOSED STORM SEWERS, CLASS A | ㉕ PROPOSED PIPE UNDERDRAIN 4" |
| ⑫ PROPOSED TOPSOIL 4" | ㉖ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B |
| ⑬ PROPOSED PCC PAVEMENT 10" (JOINTED) | ㉗ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" |
| ⑭ PROPOSED PCC PAVEMENT 9 3/4" (JOINTED) | ㉘ PROPOSED PAVEMENT FABRIC |
| | ㉙ SLAG MODIFIED CEMENT, 12" |

SEE LEGEND NOS. ③-④ FOR PAVEMENT COMPOSITION OF SHOULDERS AND DRIVING LANES

NOTES
 PROPOSED SIDE SLOPES/DITCHES VARY - SEE CROSS SECTIONS

LIMITS OF PROPOSED TOPSOIL VARIES - SEE CROSS SECTIONS

FILE NAME =	USER NAME = #USER#	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS ROADWAY A, FAI ROUTE 70 WB	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN - BB	REVISED -			57/70	(25-4R)	EFFINGHAM	1760	62	
		CHECKED - BRM	REVISED -			CONTRACT NO. 74295					
		DATE - 01/22/09	REVISED -			SCALE: 1"=50'	SHEET NO. 17 OF 35 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT



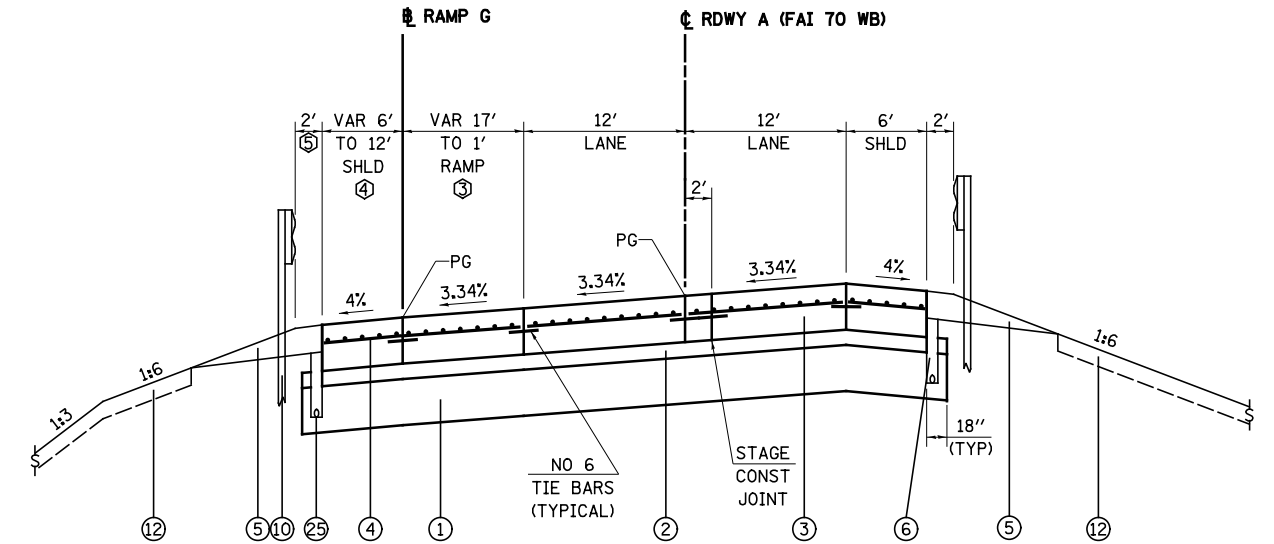
PROPOSED ROADWAY A SUPERELEVATED SECTION

STA 2383+36.93 TO STA 2386+94.34 (RDWY A, FAI RTE 70 WB)

- ① STA 2384+00 TO 2386+94.34
- ② STA 2383+36.93 TO 2384+00.00

① JOINTED PAVEMENT ENDS, LT STA 2385+94.32

② SLOPE VARIES, SEE CROSS SECTIONS



PROPOSED ROADWAY A SUPERELEVATED SECTION

STA 2386+94.34 TO STA 2391+07.76 (RDWY A, FAI RTE 70 WB)

STATION EQUATION - STA 2389+94.60, WB FAI 70 (RDWY A) = STA 10+00.00, RAMP G

- ③ 1' STUB, LT STA 2389+94.97
- ④ 12' SHOULDER BEGINS, LT STA 2389+94.97
- ⑤ 2' AGGREGATE SHOULDER ENDS, LT STA 2389+12.63

LEGEND

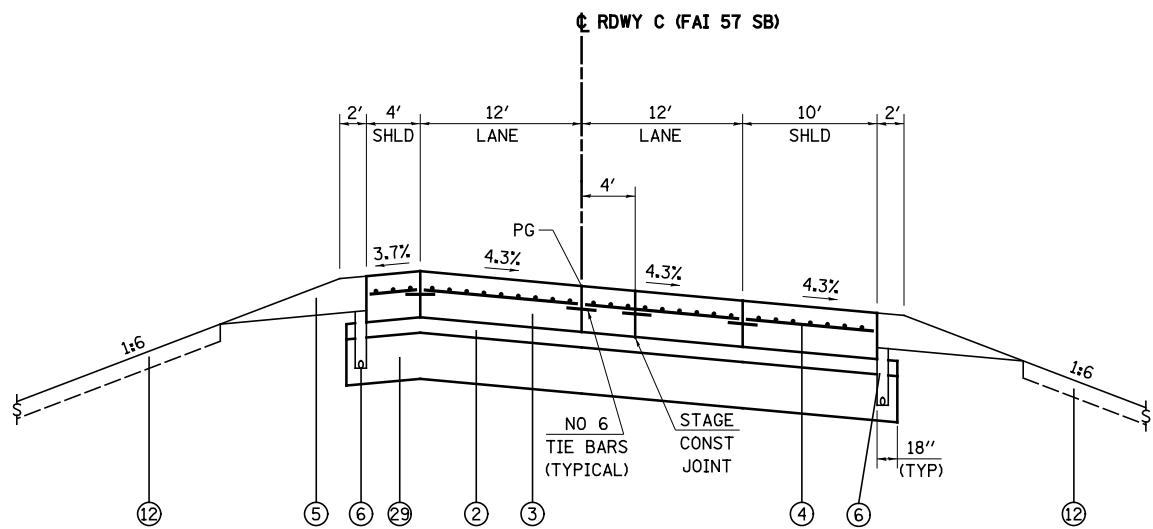
- | | |
|--|---|
| ① PROPOSED LIME MODIFIED SOIL 12", 24" (SEE SCHEDULE) | ⑮ PROPOSED COARSE AGGREGATE - COST INCLUDED IN PORTLAND CEMENT CONCRETE SHOULDERS 13" |
| ② PROPOSED STABILIZED SUB-BASE 4" | ⑯ PROPOSED BITUMINOUS MATERIALS (PRIME COAT) |
| ③ PROPOSED CONTINUOUSLY REINFORCED PCC PAVEMENT 13" | ⑰ PROPOSED AGGREGATE (PRIME COAT) |
| ④ PROPOSED PAVEMENT REINFORCEMENT 13" | ⑱ PROPOSED LEVELING BINDER (MACHINE METHOD), N105 VARIES 0" TO 6" |
| ⑤ PROPOSED AGGREGATE SHOULDERS, TYPE B 6" | ⑲ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 & VARIES |
| ⑥ PROPOSED PIPE UNDERDRAINS 6" | ⑳ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2" & VARIES |
| ⑦ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 13" | ㉑ PROPOSED CONCRETE MEDIAN, TYPE SM (DOWELLED) |
| ⑧ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 | ㉒ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4" |
| ⑨ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT | ㉓ PROPOSED BRIDGE APPROACH SLAB |
| ⑩ PROPOSED STEEL PLATE BEAM GUARD RAIL, TYPE A | ㉔ PROPOSED CONCRETE BARRIER BASE |
| ⑪ PROPOSED STORM SEWERS, CLASS A | ㉕ PROPOSED PIPE UNDERDRAIN 4" |
| ⑫ PROPOSED TOPSOIL 4" | ㉖ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B |
| ⑬ PROPOSED PCC PAVEMENT 10" (JOINTED) | ㉗ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" |
| ⑭ PROPOSED PCC PAVEMENT 9 3/4" (JOINTED) | ㉘ PROPOSED PAVEMENT FABRIC |
| | ㉙ SLAG MODIFIED CEMENT, 12" |

SEE LEGEND NOS. ③-④ FOR PAVEMENT COMPOSITION OF SHOULDERS AND DRIVING LANES

NOTES
PROPOSED SIDE SLOPES/DITCHES
VARY - SEE CROSS SECTIONS

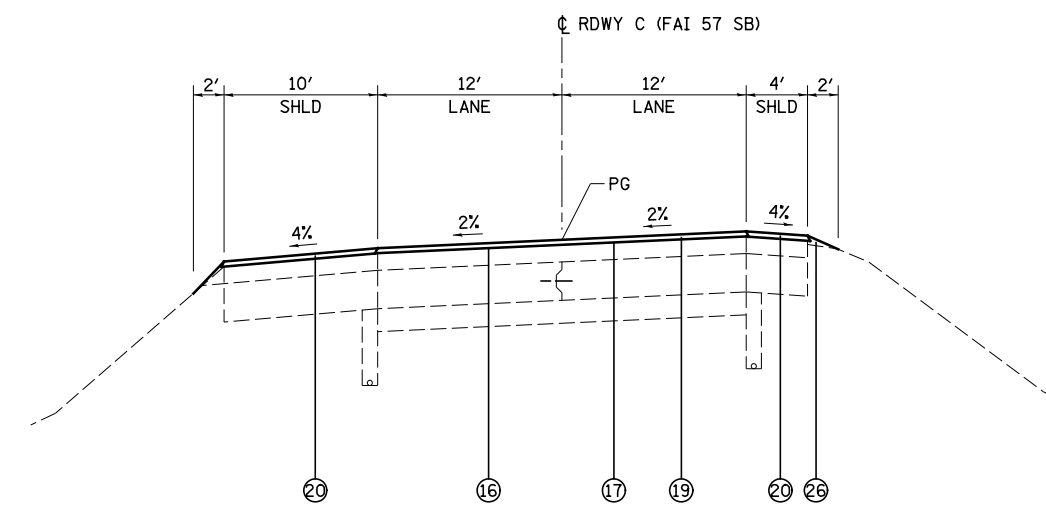
LIMITS OF PROPOSED TOPSOIL
VARIES - SEE CROSS SECTIONS

FILE NAME =	USER NAME = #USER#	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS ROADWAY A, FAI ROUTE 70 WB	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - BB	REVISED -			57/70	(25-4R)	EFFINGHAM	1760	63
	PLOT SCALE = #SCALE#	CHECKED - BRM	REVISED -			CONTRACT NO. 74295				
	PLOT DATE = #DATE#	DATE - 01/22/09	REVISED -			SCALE: 1"=50'	SHEET NO. 18 OF 35 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.



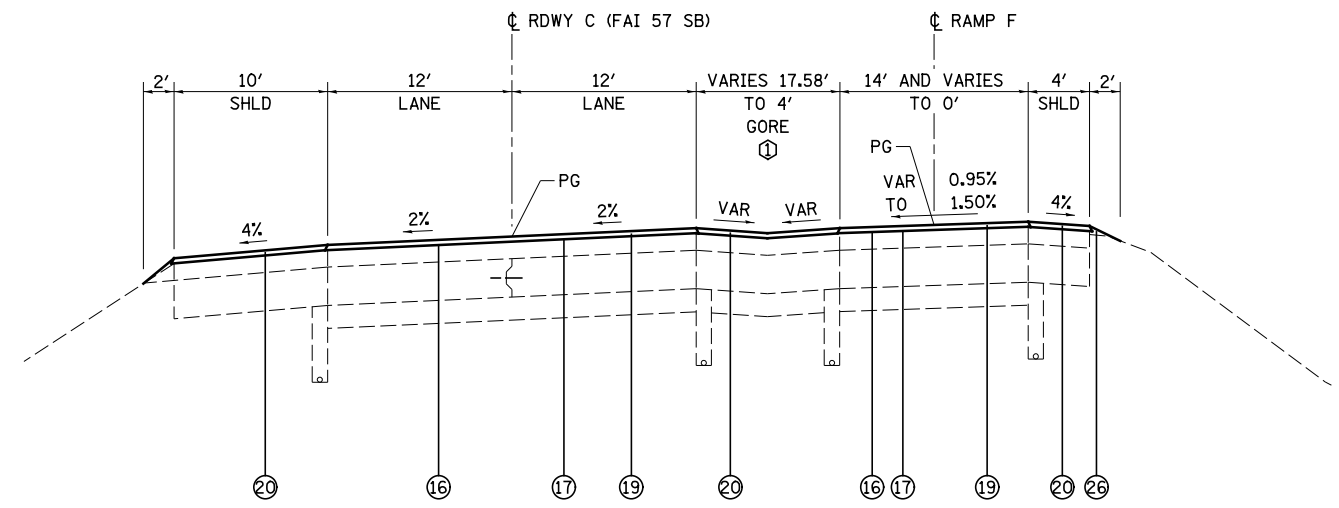
PROPOSED ROADWAY C SUPERELEVATED SECTION

STA 10+00.00 TO STA 25+63.29 (RDWY C, FAI RTE 57 SB)



PROPOSED RESURFACING ROADWAY C SUPERELEVATED SECTION

STA 5361+26.56 TO STA 5369+92.11 (RDWY C, FAI RTE 57 SB)
 STA 5384+55.18 TO STA 5399+12.31 (RDWY C, FAI RTE 57 SB)



PROPOSED RESURFACING ROADWAY C SUPERELEVATED SECTION

STA 5369+92.11 TO STA 5384+55.18 (RDWY C, FAI RTE 57 SB)

STATION EQUATION - STA 5380+27.78, RDWY C = STA 24+64.72, RAMP F

① GORE AREA 4', RT STA 5381+23.36

LEGEND

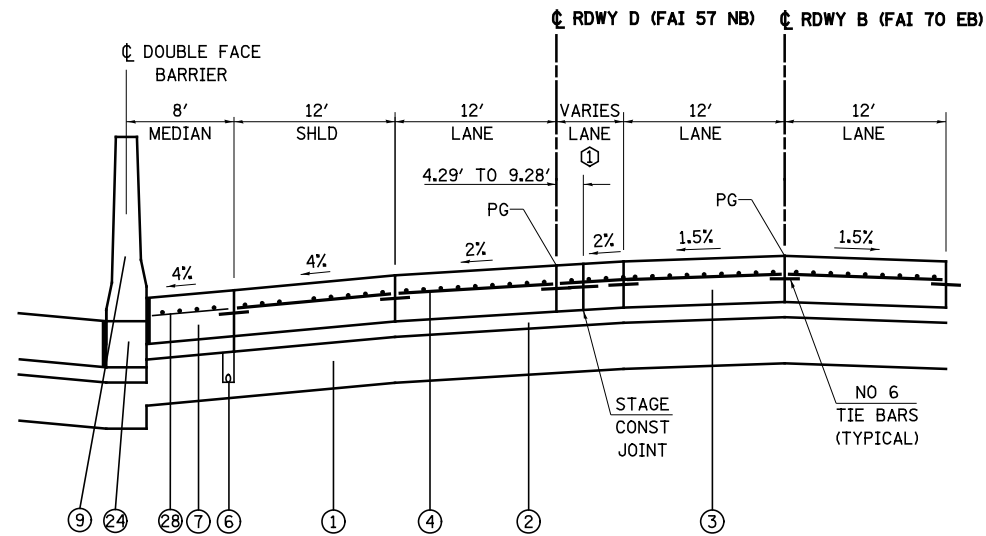
- | | |
|--|---|
| ① PROPOSED LIME MODIFIED SOIL 12", 24" (SEE SCHEDULE) | ⑮ PROPOSED COARSE AGGREGATE - COST INCLUDED IN PORTLAND CEMENT CONCRETE SHOULDERS 13" |
| ② PROPOSED STABILIZED SUB-BASE 4" | ⑯ PROPOSED BITUMINOUS MATERIALS (PRIME COAT) |
| ③ PROPOSED CONTINUOUSLY REINFORCED PCC PAVEMENT 13" | ⑰ PROPOSED AGGREGATE (PRIME COAT) |
| ④ PROPOSED PAVEMENT REINFORCEMENT 13" | ⑱ PROPOSED LEVELING BINDER (MACHINE METHOD), N105 VARIES 0" TO 6" |
| ⑤ PROPOSED AGGREGATE SHOULDERS, TYPE B 6" | ⑲ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 & VARIES |
| ⑥ PROPOSED PIPE UNDERDRAINS 6" | ⑳ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2" & VARIES |
| ⑦ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 13" | ㉑ PROPOSED CONCRETE MEDIAN, TYPE SM (DOWELLED) |
| ⑧ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 | ㉒ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4" |
| ⑨ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT | ㉓ PROPOSED BRIDGE APPROACH SLAB |
| ⑩ PROPOSED STEEL PLATE BEAM GUARD RAIL, TYPE A | ㉔ PROPOSED CONCRETE BARRIER BASE |
| ⑪ PROPOSED STORM SEWERS, CLASS A | ㉕ PROPOSED PIPE UNDERDRAIN 4" |
| ⑫ PROPOSED TOPSOIL 4" | ㉖ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B |
| ⑬ PROPOSED PCC PAVEMENT 10" (JOINTED) | ㉗ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" |
| ⑭ PROPOSED PCC PAVEMENT 9 3/4" (JOINTED) | ㉘ PROPOSED PAVEMENT FABRIC |
| | ㉙ SLAG MODIFIED CEMENT, 12" |

SEE LEGEND NOS. ③-④ FOR PAVEMENT COMPOSITION OF SHOULDERS AND DRIVING LANES

NOTES
 PROPOSED SIDE SLOPES/DITCHES VARY - SEE CROSS SECTIONS

LIMITS OF PROPOSED TOPSOIL VARIES - SEE CROSS SECTIONS

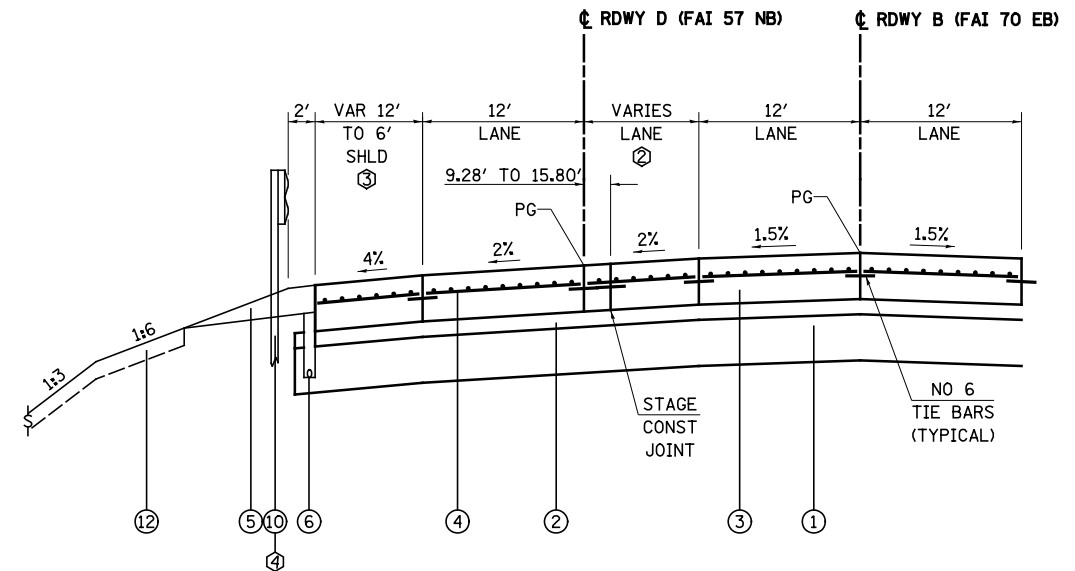
FILE NAME =	USER NAME = #USER*	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS ROADWAY C, FAI ROUTE 57 SB	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL#		DRAWN - BB	REVISED -			57/70	(25-4R)	EFFINGHAM	1760	64	
		CHECKED - BRM	REVISED -			CONTRACT NO. 74295					
		DATE - 01/22/09	REVISED -			SCALE: 1"=50'	SHEET NO. 19 OF 35 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	



PROPOSED ROADWAY D TANGENT SECTION

STA 5338+01.30 TO STA 5342+16.79 (RDWY D, FAI RTE 57 NB)

① LANE VARIES, 0.3' TO 5.28'



PROPOSED ROADWAY D TANGENT SECTION

STA 5342+16.79 TO STA 5347+60.23 (RDWY D, FAI RTE 57 NB)

③ 6' SHOULDER BEGINS, LT STA 5344+16.63
④ GUARD RAIL, LT STA 5343+81.86 TO STA 5347+69.21

② LANE VARIES, 5.28' TO 12'

LEGEND

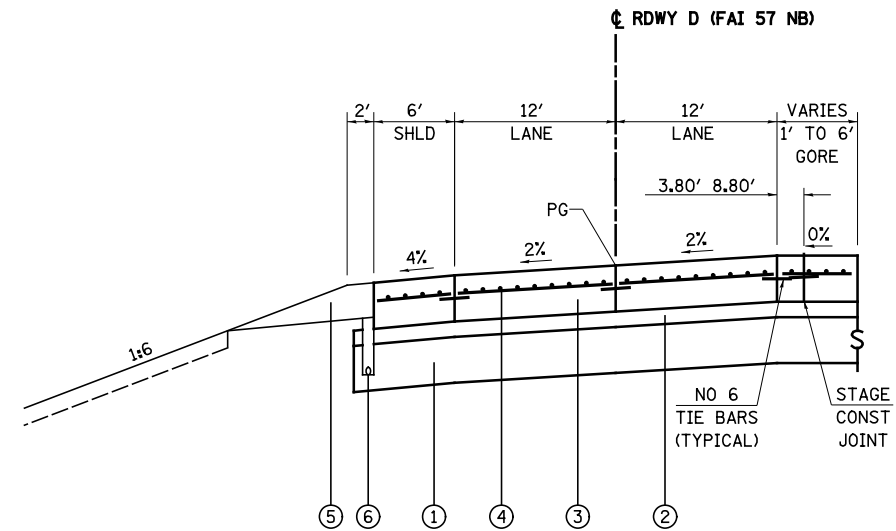
- | | |
|--|---|
| ① PROPOSED LIME MODIFIED SOIL 12", 24" (SEE SCHEDULE) | ⑮ PROPOSED COARSE AGGREGATE - COST INCLUDED IN PORTLAND CEMENT CONCRETE SHOULDERS 13" |
| ② PROPOSED STABILIZED SUB-BASE 4" | ⑯ PROPOSED BITUMINOUS MATERIALS (PRIME COAT) |
| ③ PROPOSED CONTINUOUSLY REINFORCED PCC PAVEMENT 13" | ⑰ PROPOSED AGGREGATE (PRIME COAT) |
| ④ PROPOSED PAVEMENT REINFORCEMENT 13" | ⑱ PROPOSED LEVELING BINDER (MACHINE METHOD), N105 VARIES 0" TO 6" |
| ⑤ PROPOSED AGGREGATE SHOULDERS, TYPE B 6" | ⑲ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 & VARIES |
| ⑥ PROPOSED PIPE UNDERDRAINS 6" | ⑳ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2" & VARIES |
| ⑦ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 13" | ㉑ PROPOSED CONCRETE MEDIAN, TYPE SM (DOWELLED) |
| ⑧ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 | ㉒ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4" |
| ⑨ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT | ㉓ PROPOSED BRIDGE APPROACH SLAB |
| ⑩ PROPOSED STEEL PLATE BEAM GUARD RAIL, TYPE A | ㉔ PROPOSED CONCRETE BARRIER BASE |
| ⑪ PROPOSED STORM SEWERS, CLASS A | ㉕ PROPOSED PIPE UNDERDRAIN 4" |
| ⑫ PROPOSED TOPSOIL 4" | ㉖ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B |
| ⑬ PROPOSED PCC PAVEMENT 10" (JOINTED) | ㉗ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" |
| ⑭ PROPOSED PCC PAVEMENT 9 3/4" (JOINTED) | ㉘ PROPOSED PAVEMENT FABRIC |
| | ㉙ SLAG MODIFIED CEMENT, 12" |

SEE LEGEND NOS. ③-④ FOR PAVEMENT COMPOSITION OF SHOULDERS AND DRIVING LANES

NOTES
PROPOSED SIDE SLOPES/DITCHES
VARY - SEE CROSS SECTIONS

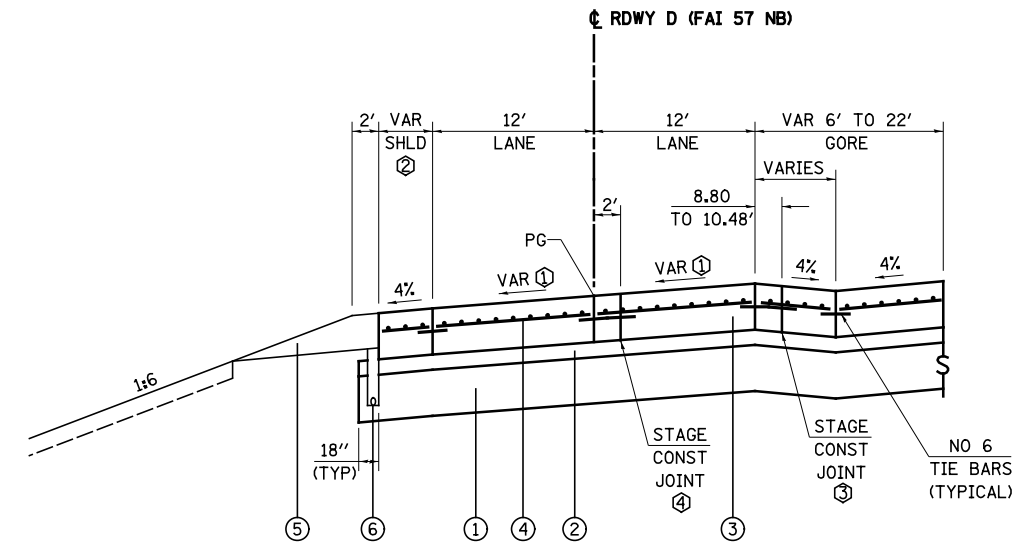
LIMITS OF PROPOSED TOPSOIL
VARIES - SEE CROSS SECTIONS

FILE NAME =	USER NAME = #USER#	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS ROADWAY D, FAI ROUTE 57 NB	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#		DRAWN - BB	REVISED -			57/70	(25-4R)	EFFINGHAM	1760	65
		CHECKED - BRM	REVISED -			CONTRACT NO. 74295				
		DATE - 01/22/09	REVISED -			SCALE: 1"=50'	SHEET NO. 20 OF 35 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.



PROPOSED ROADWAY D TANGENT SECTION

STA 5347+60.23 TO STA 5352+76.88 (RDWY D, FAI RTE 57 NB)



PROPOSED ROADWAY D SUPERELEVATED SECTION

STA 5352+76.88 TO STA 5356+82.39 (RDWY D, FAI RTE 57 NB)

- ① SLOPE VARIES, SEE CROSS SECTIONS
- ② SHOULDER VARIES 6' TO 4'
BEGIN 4' SHOULDER, LT STA 5355+64.92
- ③ STAGE CONSTRUCTION JOINT VARIES,
RT STA 5351+76.91 TO STA 5353+17.43
- ④ STAGE CONSTRUCTION JOINT BEGINS,
STA 5353+17.43

LEGEND

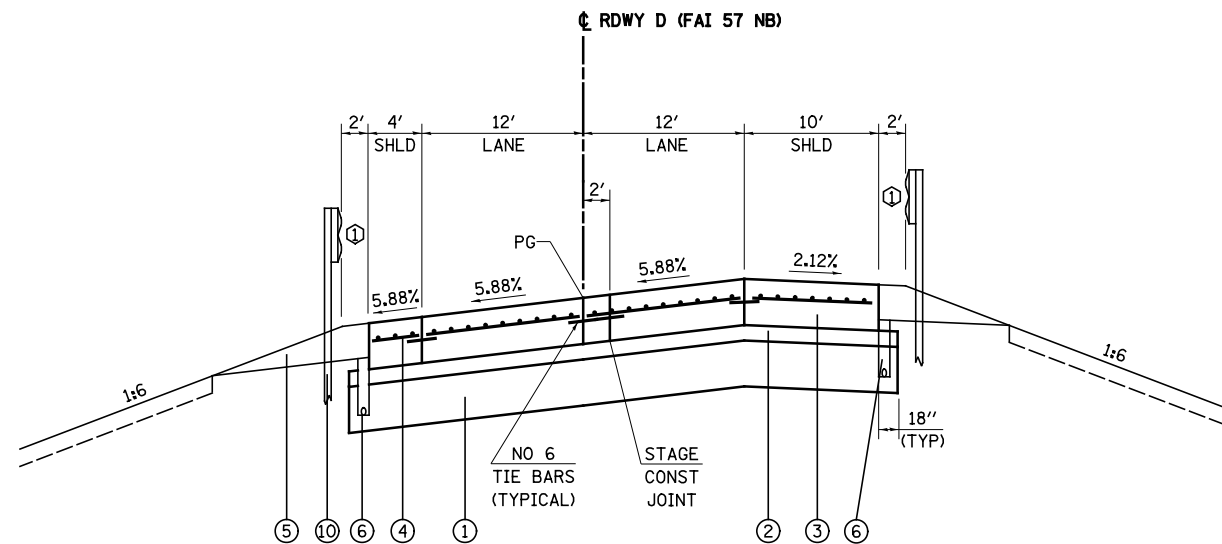
- | | |
|--|---|
| ① PROPOSED LIME MODIFIED SOIL 12", 24" (SEE SCHEDULE) | ⑮ PROPOSED COARSE AGGREGATE - COST INCLUDED IN PORTLAND CEMENT CONCRETE SHOULDERS 13" |
| ② PROPOSED STABILIZED SUB-BASE 4" | ⑯ PROPOSED BITUMINOUS MATERIALS (PRIME COAT) |
| ③ PROPOSED CONTINUOUSLY REINFORCED PCC PAVEMENT 13" | ⑰ PROPOSED AGGREGATE (PRIME COAT) |
| ④ PROPOSED PAVEMENT REINFORCEMENT 13" | ⑱ PROPOSED LEVELING BINDER (MACHINE METHOD), N105 VARIES 0" TO 6" |
| ⑤ PROPOSED AGGREGATE SHOULDERS, TYPE B 6" | ⑲ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 & VARIES |
| ⑥ PROPOSED PIPE UNDERDRAINS 6" | ⑳ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2" & VARIES |
| ⑦ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 13" | ㉑ PROPOSED CONCRETE MEDIAN, TYPE SM (DOWELLED) |
| ⑧ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 | ㉒ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4" |
| ⑨ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT | ㉓ PROPOSED BRIDGE APPROACH SLAB |
| ⑩ PROPOSED STEEL PLATE BEAM GUARD RAIL, TYPE A | ㉔ PROPOSED CONCRETE BARRIER BASE |
| ⑪ PROPOSED STORM SEWERS, CLASS A | ㉕ PROPOSED PIPE UNDERDRAIN 4" |
| ⑫ PROPOSED TOPSOIL 4" | ㉖ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B |
| ⑬ PROPOSED PCC PAVEMENT 10" (JOINTED) | ㉗ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" |
| ⑭ PROPOSED PCC PAVEMENT 9 3/4" (JOINTED) | ㉘ PROPOSED PAVEMENT FABRIC |
| | ㉙ SLAG MODIFIED CEMENT, 12" |

SEE LEGEND NOS. ③-④ FOR PAVEMENT COMPOSITION OF SHOULDERS AND DRIVING LANES

NOTES
PROPOSED SIDE SLOPES/DITCHES
VARY - SEE CROSS SECTIONS

LIMITS OF PROPOSED TOPSOIL
VARIES - SEE CROSS SECTIONS

FILE NAME =	USER NAME = \$USER*	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS ROADWAY D, FAI ROUTE 57 NB	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*FILEL\$		DRAWN - BB	REVISED -			57/70	(25-4R)	EFFINGHAM	1760	66
	PLOT SCALE = \$SCALE*	CHECKED - BRM	REVISED -			CONTRACT NO. 74295				
	PLOT DATE = \$DATE*	DATE - 01/22/09	REVISED -			SCALE: 1"=50'	SHEET NO. 21 OF 35 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.



PROPOSED ROADWAY D SUPERELEVATED SECTION

STA 5356+82.89 TO STA 5366+03.90 (RDWY D, FAI RTE 57 NB)

① GUARD RAIL, LT STA 5361+49.74 TO EXISTING STRUCTURE
 GUARD RAIL, RT STA 5363+10.70 TO EXISTING STRUCTURE

LEGEND

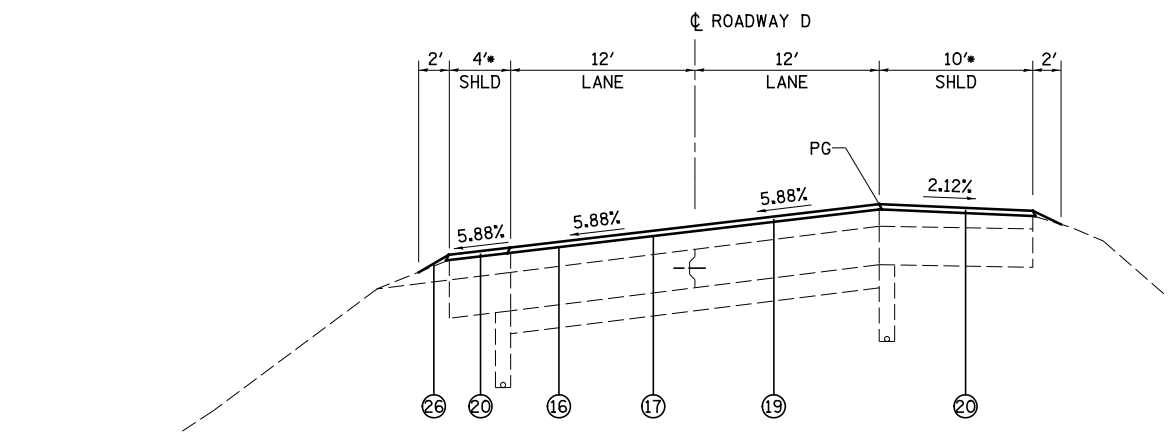
- | | |
|--|---|
| ① PROPOSED LIME MODIFIED SOIL 12", 24" (SEE SCHEDULE) | ⑮ PROPOSED COARSE AGGREGATE - COST INCLUDED IN PORTLAND CEMENT CONCRETE SHOULDERS 13" |
| ② PROPOSED STABILIZED SUB-BASE 4" | ⑯ PROPOSED BITUMINOUS MATERIALS (PRIME COAT) |
| ③ PROPOSED CONTINUOUSLY REINFORCED PCC PAVEMENT 13" | ⑰ PROPOSED AGGREGATE (PRIME COAT) |
| ④ PROPOSED PAVEMENT REINFORCEMENT 13" | ⑱ PROPOSED LEVELING BINDER (MACHINE METHOD), N105 VARIES 0" TO 6" |
| ⑤ PROPOSED AGGREGATE SHOULDERS, TYPE B 6" | ⑲ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 & VARIES |
| ⑥ PROPOSED PIPE UNDERDRAINS 6" | ⑳ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2" & VARIES |
| ⑦ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 13" | ㉑ PROPOSED CONCRETE MEDIAN, TYPE SM (DOWELLED) |
| ⑧ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 | ㉒ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4" |
| ⑨ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT | ㉓ PROPOSED BRIDGE APPROACH SLAB |
| ⑩ PROPOSED STEEL PLATE BEAM GUARD RAIL, TYPE A | ㉔ PROPOSED CONCRETE BARRIER BASE |
| ⑪ PROPOSED STORM SEWERS, CLASS A | ㉕ PROPOSED PIPE UNDERDRAIN 4" |
| ⑫ PROPOSED TOPSOIL 4" | ㉖ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B |
| ⑬ PROPOSED PCC PAVEMENT 10" (JOINTED) | ㉗ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" |
| ⑭ PROPOSED PCC PAVEMENT 9 3/4" (JOINTED) | ㉘ PROPOSED PAVEMENT FABRIC |
| | ㉙ SLAG MODIFIED CEMENT, 12" |

SEE LEGEND NOS. ③-④ FOR PAVEMENT COMPOSITION OF SHOULDERS AND DRIVING LANES

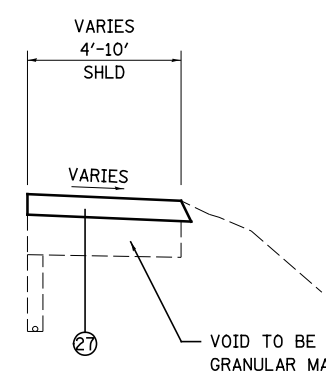
NOTES
 PROPOSED SIDE SLOPES/DITCHES
 VARY - SEE CROSS SECTIONS

LIMITS OF PROPOSED TOPSOIL
 VARIES - SEE CROSS SECTIONS

FILE NAME =	USER NAME = \$USER\$	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS ROADWAY D, FAI ROUTE 57 NB	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
\$FILEL\$		DRAWN - BB	REVISED -			57/70	(25-4R)	EFFINGHAM	1760	67
	PLOT SCALE = \$SCALE\$	CHECKED - BRM	REVISED -			CONTRACT NO. 74295				
	PLOT DATE = \$DATE\$	DATE - 01/22/09	REVISED -			SCALE: 1"=50'	SHEET NO. 22 OF 35 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.

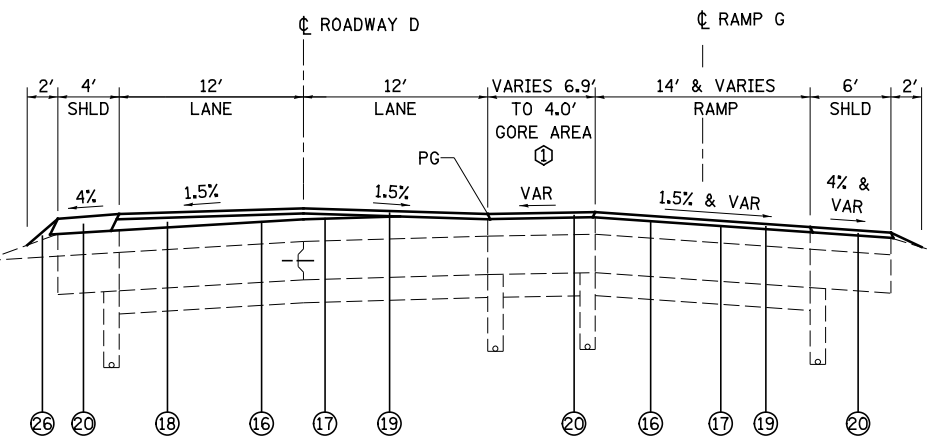


**PROPOSED RESURFACING
ROADWAY D SUPERELEVATED SECTION**
STA 5366+00.00 TO STA 5378+18.30 (RDWY D)
BRIDGE OMISSION - STA 5366+16.93 TO STA 5368+26.63 (RDWY D)

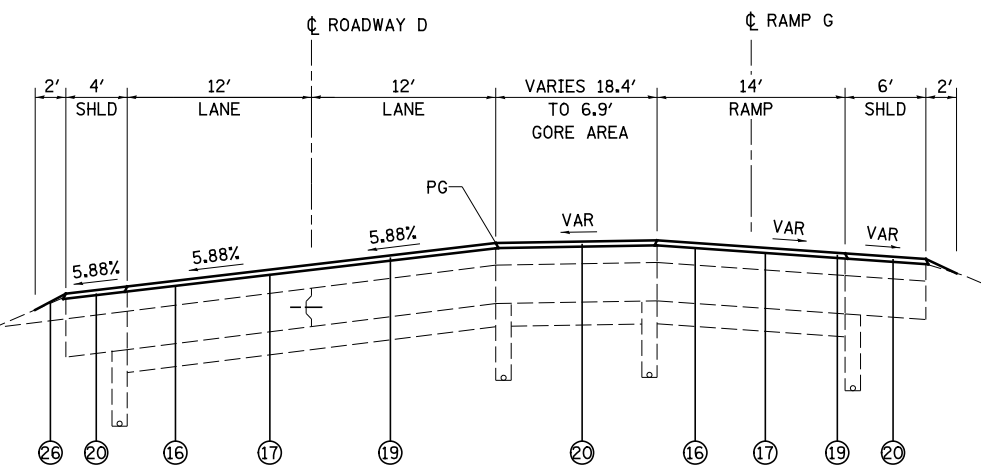


• SHOULDER DETAIL
RT STA 5368+26.63 TO
STA 5377+30.00 (RDWY D) (10' @ 2.12%)

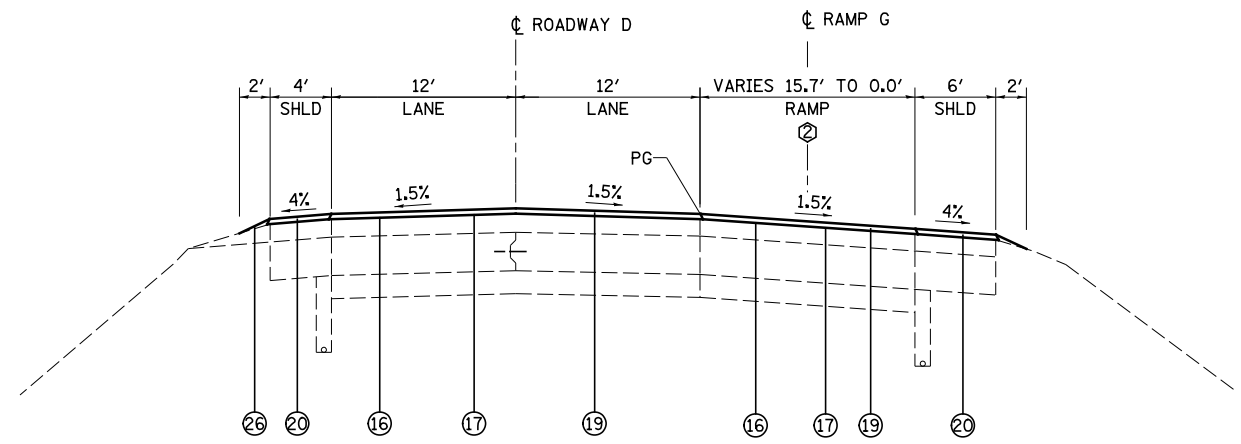
LT STA 5368+09.85 TO
STA 5371+33.90 (RDWY D) (4' @ 5.88%)



**PROPOSED RESURFACING
ROADWAY D TANGENT SECTION**
STA 5379+80.00 TO STA 5383+00.00
① GORE ENDS STA 5381+49.55



**PROPOSED RESURFACING
ROADWAY D SUPERELEVATED SECTION**
STA 5378+18.30 TO STA 5379+80.00



**PROPOSED RESURFACING
ROADWAY D TANGENT SECTION**
STA 5383+00.00 TO STA 5399+11.81
② RAMP G ENDS STA 5387+50.09

LEGEND

- | | |
|--|---|
| ① PROPOSED LIME MODIFIED SOIL 12", 24" (SEE SCHEDULE) | ⑮ PROPOSED COARSE AGGREGATE - COST INCLUDED IN PORTLAND CEMENT CONCRETE SHOULDERS 13" |
| ② PROPOSED STABILIZED SUB-BASE 4" | ⑯ PROPOSED BITUMINOUS MATERIALS (PRIME COAT) |
| ③ PROPOSED CONTINUOUSLY REINFORCED PCC PAVEMENT 13" | ⑰ PROPOSED AGGREGATE (PRIME COAT) |
| ④ PROPOSED PAVEMENT REINFORCEMENT 13" | ⑱ PROPOSED LEVELING BINDER (MACHINE METHOD), N105 VARIES 0" TO 6" |
| ⑤ PROPOSED AGGREGATE SHOULDERS, TYPE B 6" | ⑲ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 & VARIES |
| ⑥ PROPOSED PIPE UNDERDRAINS 6" | ⑳ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2" & VARIES |
| ⑦ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 13" | ㉑ PROPOSED CONCRETE MEDIAN, TYPE SM (DOWELLED) |
| ⑧ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 | ㉒ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4" |
| ⑨ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT | ㉓ PROPOSED BRIDGE APPROACH SLAB |
| ⑩ PROPOSED STEEL PLATE BEAM GUARD RAIL, TYPE A | ㉔ PROPOSED CONCRETE BARRIER BASE |
| ⑪ PROPOSED STORM SEWERS, CLASS A | ㉕ PROPOSED PIPE UNDERDRAIN 4" |
| ⑫ PROPOSED TOPSOIL 4" | ㉖ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B |
| ⑬ PROPOSED PCC PAVEMENT 10" (JOINTED) | ㉗ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" |
| ⑭ PROPOSED PCC PAVEMENT 9 3/4" (JOINTED) | ㉘ PROPOSED PAVEMENT FABRIC |
| | ㉙ SLAG MODIFIED CEMENT, 12" |
- SEE LEGEND NOS. ③ - ④ FOR PAVEMENT COMPOSITION OF SHOULDERS AND DRIVING LANES

NOTES
PROPOSED SIDE SLOPES/DITCHES
VARY - SEE CROSS SECTIONS

LIMITS OF PROPOSED TOPSOIL
VARIES - SEE CROSS SECTIONS

FILE NAME =	USER NAME = #USER#	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS ROADWAY D, FAI ROUTE 57 NB	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL#		DRAWN - BB	REVISED -			57/70	(25-4R)	EFFINGHAM	1760	68	
	PLOT SCALE = #SCALE#	CHECKED - BRM	REVISED -			SCALE: 1"=50'		SHEET NO. 23 OF 35 SHEETS		STA. TO STA.	
	PLOT DATE = #DATE#	DATE - 01/22/09	REVISED -			FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 74295	

**STRUCTURAL DESIGN INFORMATION
RAMPS F AND G**

ROAD CLASSIFICATION: CLASS I

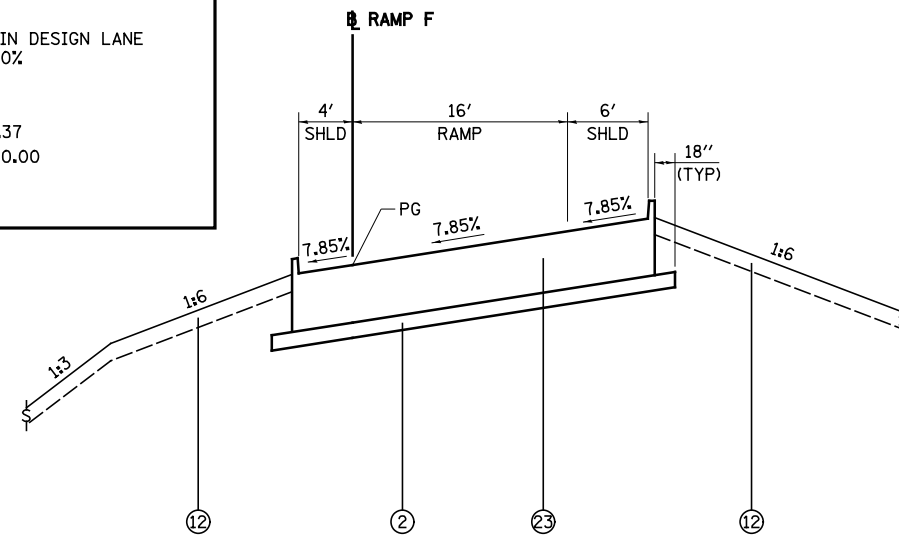
STRUCTURAL DESIGN TRAFFIC: 2030
PV = 115 SU = 0 MU = 0

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE
P = 100% S = 100% M = 100%

MINIMUM SUBGRADE SUPPORT RATING: POOR

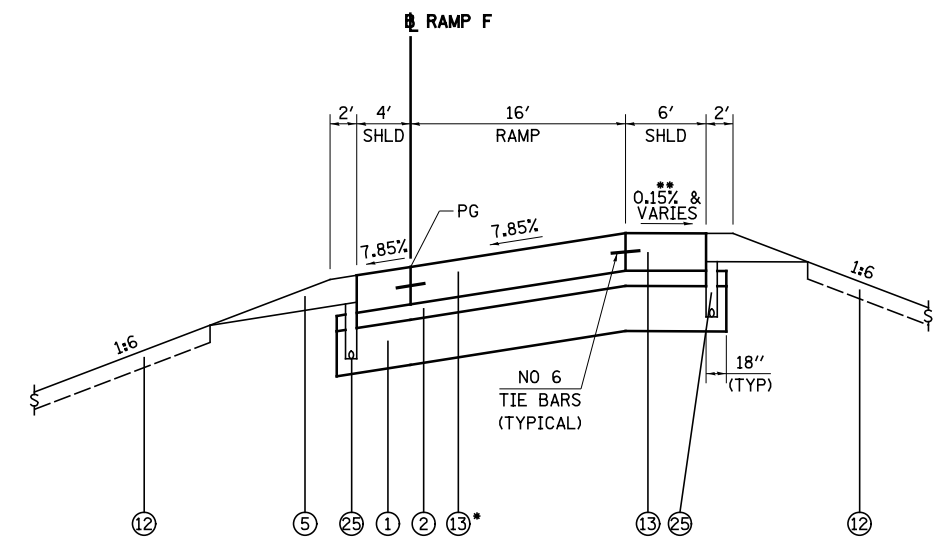
RIGID PAVEMENT DESIGN: MINIMUM $T_F = 18.37$
ACTUAL $T_F = 0.00$

SELECTED DESIGN 10.0 JRCP



**PROPOSED RAMP F SUPERELEVATED SECTION
(BRIDGE APPROACH SLAB, STD 420401)**

STA 6+81.57 TO STA 7+12.20 (RAMP F)

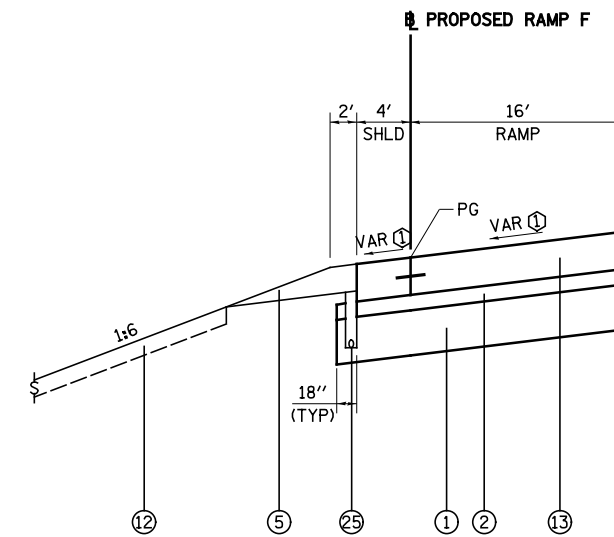


PROPOSED RAMP F SUPERELEVATED SECTION

STA 7+12.20 TO STA 14+52.56 (RAMP F)

• STA 7+12.20 TO STA 8+12.20
BRIDGE APPROACH PAVEMENT
CONNECTOR (PCC)

•• TRANSITION SHOULDER
CROSS SLOPE



PROPOSED RAMP F SUPERELEVATED SECTION

STA 14+52.56 TO STA 17+76.17 (RAMP F)

① SLOPE VARIES, SEE CROSS SECTIONS

LEGEND

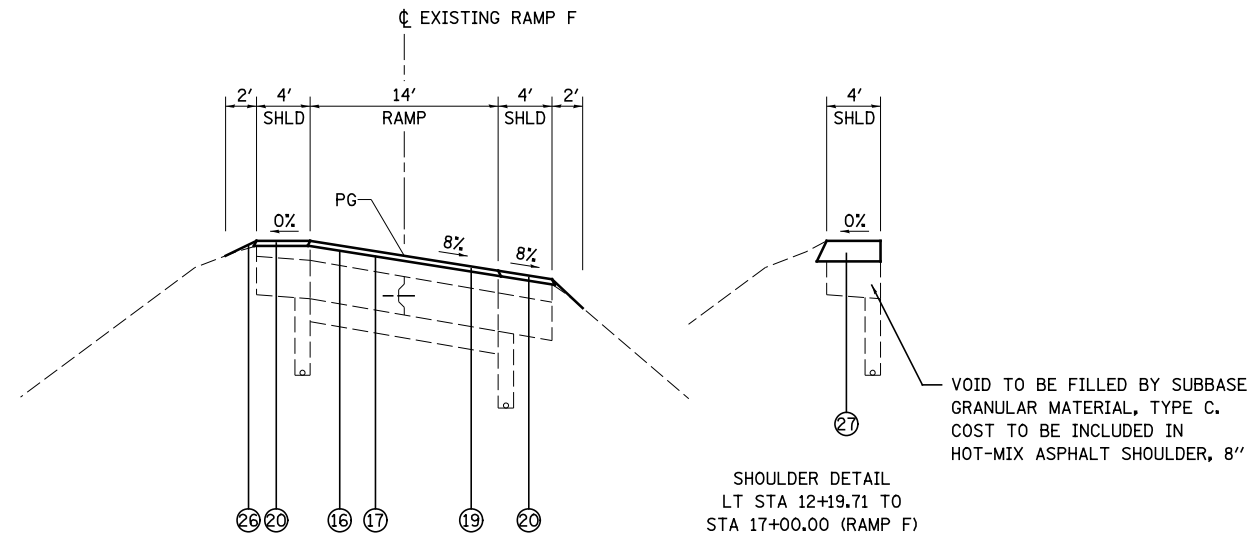
- | | |
|--|---|
| ① PROPOSED LIME MODIFIED SOIL 12", 24" (SEE SCHEDULE) | ⑮ PROPOSED COARSE AGGREGATE - COST INCLUDED IN PORTLAND CEMENT CONCRETE SHOULDERS 13" |
| ② PROPOSED STABILIZED SUB-BASE 4" | ⑯ PROPOSED BITUMINOUS MATERIALS (PRIME COAT) |
| ③ PROPOSED CONTINUOUSLY REINFORCED PCC PAVEMENT 13" | ⑰ PROPOSED AGGREGATE (PRIME COAT) |
| ④ PROPOSED PAVEMENT REINFORCEMENT 13" | ⑱ PROPOSED LEVELING BINDER (MACHINE METHOD), N105 VARIES 0" TO 6" |
| ⑤ PROPOSED AGGREGATE SHOULDERS, TYPE B 6" | ⑲ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 & VARIES |
| ⑥ PROPOSED PIPE UNDERDRAINS 6" | ⑳ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2" & VARIES |
| ⑦ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 13" | ㉑ PROPOSED CONCRETE MEDIAN, TYPE SM (DOWELLED) |
| ⑧ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 | ㉒ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4" |
| ⑨ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT | ㉓ PROPOSED BRIDGE APPROACH SLAB |
| ⑩ PROPOSED STEEL PLATE BEAM GUARD RAIL, TYPE A | ㉔ PROPOSED CONCRETE BARRIER BASE |
| ⑪ PROPOSED STORM SEWERS, CLASS A | ㉕ PROPOSED PIPE UNDERDRAIN 4" |
| ⑫ PROPOSED TOPSOIL 4" | ㉖ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B |
| ⑬ PROPOSED PCC PAVEMENT 10" (JOINTED) | ㉗ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" |
| ⑭ PROPOSED PCC PAVEMENT 9 3/4" (JOINTED) | ㉘ PROPOSED PAVEMENT FABRIC |
| | ㉙ SLAG MODIFIED CEMENT, 12" |

SEE LEGEND NOS. ③-④ FOR PAVEMENT COMPOSITION OF SHOULDERS AND DRIVING LANES

NOTES
PROPOSED SIDE SLOPES/DITCHES
VARY - SEE CROSS SECTIONS

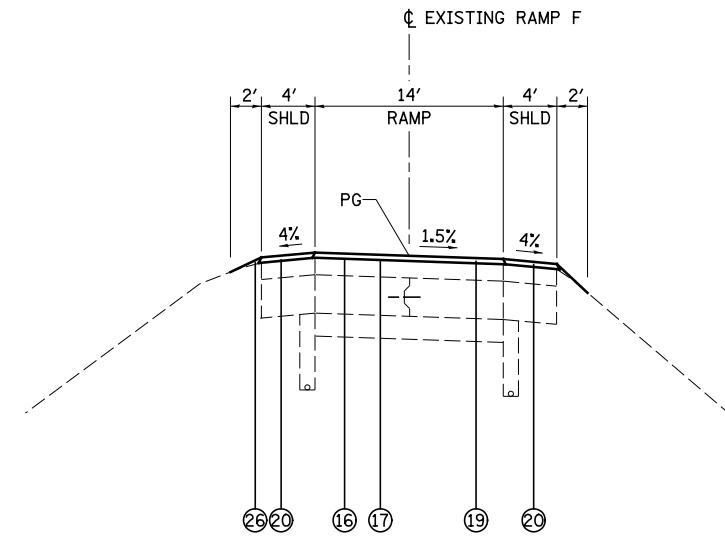
LIMITS OF PROPOSED TOPSOIL
VARIES - SEE CROSS SECTIONS

FILE NAME =	USER NAME = \$USER*	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS RAMP F		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
*FILEL\$		DRAWN - BB	REVISED -		SCALE: 1"=50'	SHEET NO. 24 OF 35 SHEETS	STA.	TO STA.	57/70	(25-4R)	EFFINGHAM	1760 69
		CHECKED - BRM	REVISED -						CONTRACT NO. 74295			
		DATE - 01/22/09	REVISED -						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			



**PROPOSED RESURFACING
EXISTING RAMP F SUPERELEVATED SECTION**

STA 12+19.71 TO STA 19+60.65 (RAMP F)



**PROPOSED RESURFACING
RAMP F TANGENT SECTION**

STA 19+60.65 TO STA 24+30.03 (RAMP F)

LEGEND

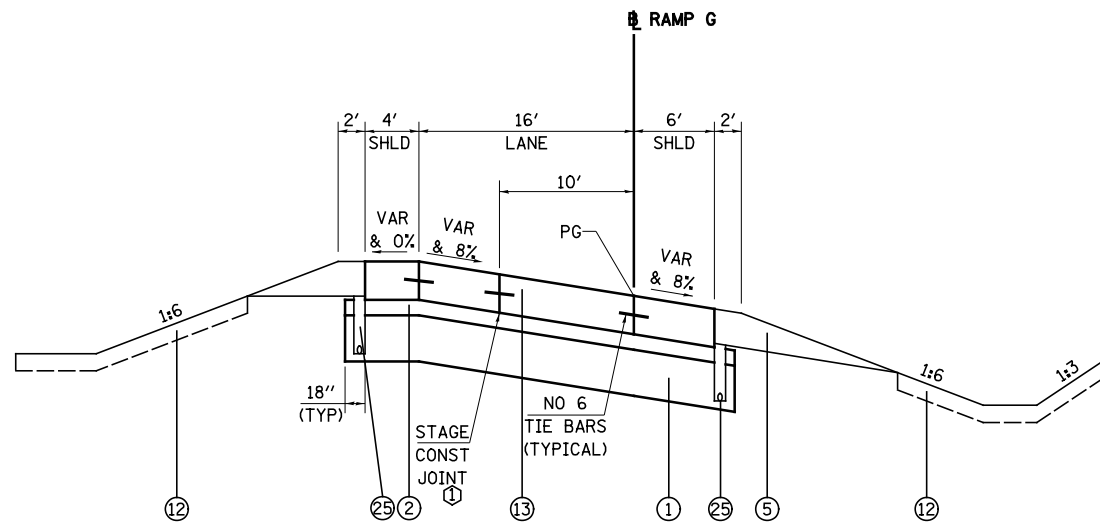
- | | |
|--|---|
| ① PROPOSED LIME MODIFIED SOIL 12", 24" (SEE SCHEDULE) | ⑮ PROPOSED COARSE AGGREGATE - COST INCLUDED IN PORTLAND CEMENT CONCRETE SHOULDERS 13" |
| ② PROPOSED STABILIZED SUB-BASE 4" | ⑯ PROPOSED BITUMINOUS MATERIALS (PRIME COAT) |
| ③ PROPOSED CONTINUOUSLY REINFORCED PCC PAVEMENT 13" | ⑰ PROPOSED AGGREGATE (PRIME COAT) |
| ④ PROPOSED PAVEMENT REINFORCEMENT 13" | ⑱ PROPOSED LEVELING BINDER (MACHINE METHOD), N105 VARIES 0" TO 6" |
| ⑤ PROPOSED AGGREGATE SHOULDERS, TYPE B 6" | ⑲ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 & VARIES |
| ⑥ PROPOSED PIPE UNDERDRAINS 6" | ⑳ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2" & VARIES |
| ⑦ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 13" | ㉑ PROPOSED CONCRETE MEDIAN, TYPE SM (DOWELLED) |
| ⑧ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 | ㉒ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4" |
| ⑨ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT | ㉓ PROPOSED BRIDGE APPROACH SLAB |
| ⑩ PROPOSED STEEL PLATE BEAM GUARD RAIL, TYPE A | ㉔ PROPOSED CONCRETE BARRIER BASE |
| ⑪ PROPOSED STORM SEWERS, CLASS A | ㉕ PROPOSED PIPE UNDERDRAIN 4" |
| ⑫ PROPOSED TOPSOIL 4" | ㉖ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B |
| ⑬ PROPOSED PCC PAVEMENT 10" (JOINTED) | ㉗ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" |
| ⑭ PROPOSED PCC PAVEMENT 9 3/4" (JOINTED) | ㉘ PROPOSED PAVEMENT FABRIC |
| | ㉙ SLAG MODIFIED CEMENT, 12" |

SEE LEGEND NOS. ③-④ FOR PAVEMENT COMPOSITION OF SHOULDERS AND DRIVING LANES

NOTES
PROPOSED SIDE SLOPES/DITCHES
VARY - SEE CROSS SECTIONS

LIMITS OF PROPOSED TOPSOIL
VARIES - SEE CROSS SECTIONS

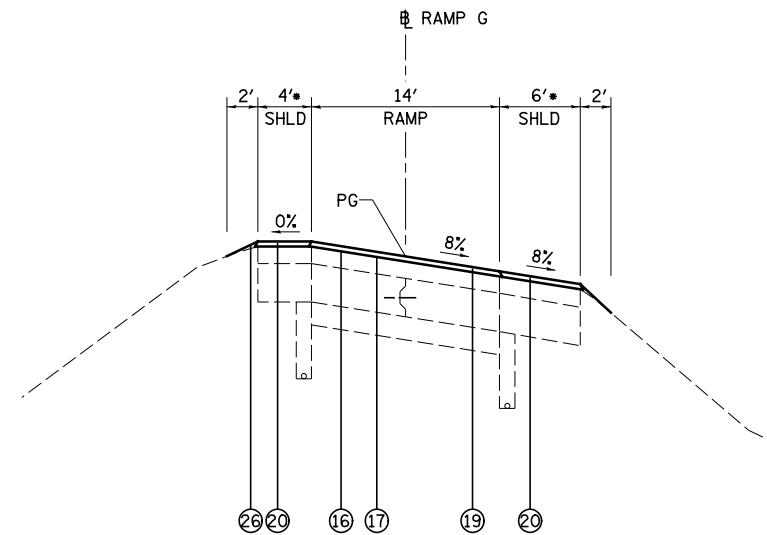
FILE NAME =	USER NAME = #USER#	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS RAMP F			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL#		DRAWN - BB	REVISED -		SCALE: 1"=50'	SHEET NO. 25 OF 35 SHEETS	STA.	TO STA.	57/70	(25-4R)	EFFINGHAM	1760	70
		CHECKED - BRM	REVISED -					CONTRACT NO. 74295					
		DATE - 01/22/09	REVISED -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					



PROPOSED RAMP G SUPERELEVATED SECTION

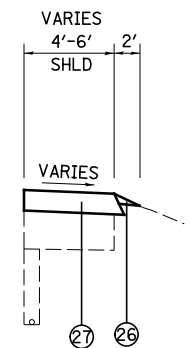
STA 16+55.45 TO STA 24+57.82 (RAMP G)

① STAGE CONSTRUCTION JOINT BEGINS, LT STA 18+29.41



PROPOSED RESURFACING RAMP G SUPERELEVATED SECTION

STA 6+69.36 TO STA 11+92.50 (RAMP G)



• SHOULDER DETAIL
RT STA 6+69.36 TO STA 11+29.03 (RAMP G) (6' @ 8%)
LT STA 6+69.36 TO STA 9+06.93 (RAMP G) (4' @ 0%)

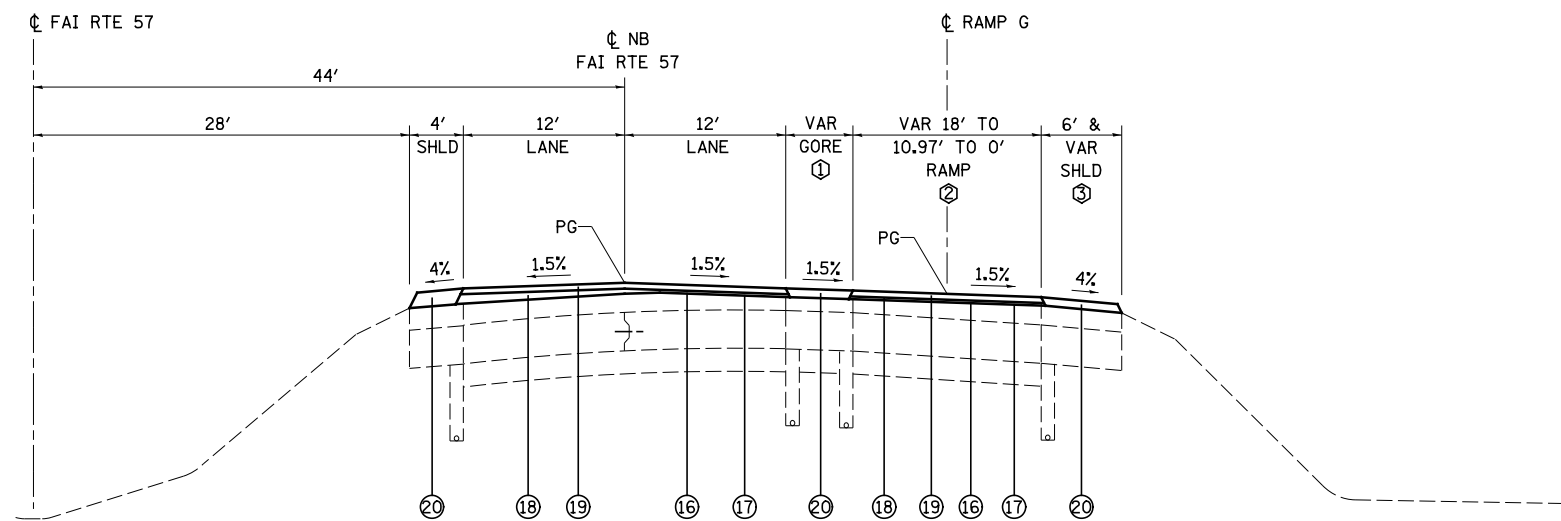
LEGEND

- | | |
|--|---|
| ① PROPOSED LIME MODIFIED SOIL 12"; 24" (SEE SCHEDULE) | ⑮ PROPOSED COARSE AGGREGATE - COST INCLUDED IN PORTLAND CEMENT CONCRETE SHOULDERS 13" |
| ② PROPOSED STABILIZED SUB-BASE 4" | ⑯ PROPOSED BITUMINOUS MATERIALS (PRIME COAT) |
| ③ PROPOSED CONTINUOUSLY REINFORCED PCC PAVEMENT 13" | ⑰ PROPOSED AGGREGATE (PRIME COAT) |
| ④ PROPOSED PAVEMENT REINFORCEMENT 13" | ⑱ PROPOSED LEVELING BINDER (MACHINE METHOD), N105 VARIES 0" TO 6" |
| ⑤ PROPOSED AGGREGATE SHOULDERS, TYPE B 6" | ⑲ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 & VARIES |
| ⑥ PROPOSED PIPE UNDERDRAINS 6" | ⑳ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2" & VARIES |
| ⑦ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 13" | ㉑ PROPOSED CONCRETE MEDIAN, TYPE SM (DOWELLED) |
| ⑧ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 | ㉒ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4" |
| ⑨ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT | ㉓ PROPOSED BRIDGE APPROACH SLAB |
| ⑩ PROPOSED STEEL PLATE BEAM GUARD RAIL, TYPE A | ㉔ PROPOSED CONCRETE BARRIER BASE |
| ⑪ PROPOSED STORM SEWERS, CLASS A | ㉕ PROPOSED PIPE UNDERDRAIN 4" |
| ⑫ PROPOSED TOPSOIL 4" | ㉖ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B |
| ⑬ PROPOSED PCC PAVEMENT 10" (JOINTED) | ㉗ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" |
| ⑭ PROPOSED PCC PAVEMENT 9 3/4" (JOINTED) | ㉘ PROPOSED PAVEMENT FABRIC |
| | ㉙ SLAG MODIFIED CEMENT, 12" |

SEE LEGEND NOS. ③-④ FOR PAVEMENT COMPOSITION OF SHOULDERS AND DRIVING LANES

NOTES
PROPOSED SIDE SLOPES/DITCHES VARY - SEE CROSS SECTIONS
LIMITS OF PROPOSED TOPSOIL VARIES - SEE CROSS SECTIONS

FILE NAME =	USER NAME = \$USER\$	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS RAMP G			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
\$FILEL\$		DRAWN - BB	REVISED -		57/70	(25-4R)	EFFINGHAM	1760	71			
		CHECKED - BRM	REVISED -		CONTRACT NO. 74295							
		DATE - 01/22/09	REVISED -		SCALE: 1"=50'	SHEET NO. 26 OF 35 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

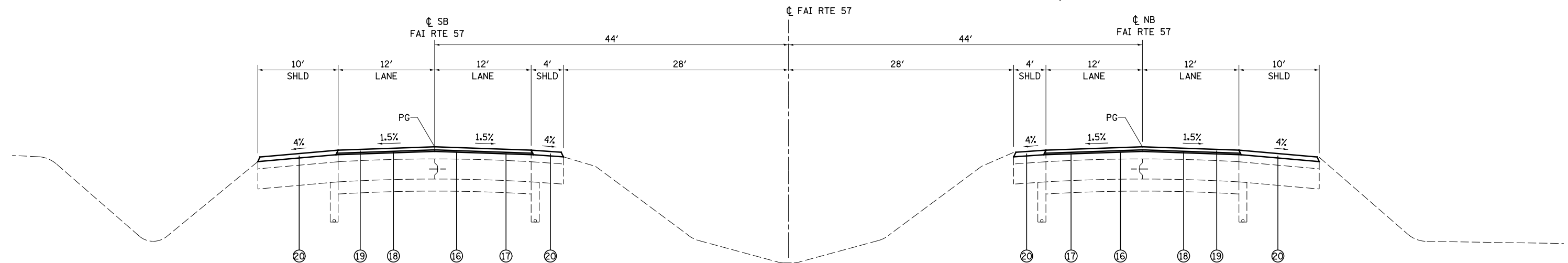


**PROPOSED RESURFACING
MAINLINE TANGENT SECTION**

STA 5380+06.67 TO STA 5387+50.09 (FAI RTE 57)

STATION EQUATION - STA 5380+06.67, NB FAI 57 = STA 5380+06.71, NB RDWY D (FAI RTE 57 NB)
STATION EQUATION - STA 5386+14.82, NB FAI 57 = STA 19+90.91, RAMP G

- ① GORE AREA, VARIES 6.16' TO 4'
GORE 4' , RT STA 5381+49.49
- ② RAMP VARIES, 18' AT RT STA 5381+49.49,
10.97' AT RT STA 5386+14.92
- ③ SHOULDER VARIES, 6' SHOULDER ENDS RT STA 5386+14.92



**PROPOSED RESURFACING
MAINLINE TANGENT SECTION**

STA 5399+11.81 TO STA 5400+00.00 (FAI RTE 57)

SOUTHBOUND LANES
STA 5399+12.31 TO 5400+00.00

STATION EQUATION - STA 5399+11.81, FAI 57 NB = STA 5399+12.31, FAI 57 SB

LEGEND

- ① PROPOSED LIME MODIFIED SOIL 12", 24" (SEE SCHEDULE)
- ② PROPOSED STABILIZED SUB-BASE 4"
- ③ PROPOSED CONTINUOUSLY REINFORCED PCC PAVEMENT 13"
- ④ PROPOSED PAVEMENT REINFORCEMENT 13"
- ⑤ PROPOSED AGGREGATE SHOULDERS, TYPE B 6"
- ⑥ PROPOSED PIPE UNDERDRAINS 6"
- ⑦ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 13"
- ⑧ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑨ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- ⑩ PROPOSED STEEL PLATE BEAM GUARD RAIL, TYPE A
- ⑪ PROPOSED STORM SEWERS, CLASS A
- ⑫ PROPOSED TOPSOIL 4"
- ⑬ PROPOSED PCC PAVEMENT 10" (JOINTED)
- ⑭ PROPOSED PCC PAVEMENT 9 3/4" (JOINTED)
- ⑮ PROPOSED COARSE AGGREGATE - COST INCLUDED IN PORTLAND CEMENT CONCRETE SHOULDERS 13"
- ⑯ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑰ PROPOSED AGGREGATE (PRIME COAT)
- ⑱ PROPOSED LEVELING BINDER (MACHINE METHOD), N105 VARIES 0" TO 6"
- ⑲ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 & VARIES
- ⑳ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2" & VARIES
- ㉑ PROPOSED CONCRETE MEDIAN, TYPE SM (DOWELLED)
- ㉒ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4"
- ㉓ PROPOSED BRIDGE APPROACH SLAB
- ㉔ PROPOSED CONCRETE BARRIER BASE
- ㉕ PROPOSED PIPE UNDERDRAIN 4"
- ㉖ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ㉗ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8"
- ㉘ PROPOSED PAVEMENT FABRIC
- ㉙ SLAG MODIFIED CEMENT, 12"

SEE LEGEND NOS. ③-④ FOR PAVEMENT COMPOSITION OF SHOULDERS AND DRIVING LANES

NOTES
PROPOSED SIDE SLOPES/DITCHES
VARY - SEE CROSS SECTIONS

LIMITS OF PROPOSED TOPSOIL
VARIES - SEE CROSS SECTIONS

FILE NAME =	USER NAME = *USER*	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS MAINLINE FAI ROUTE 57		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILEL		DRAWN - RCB	REVISED -				57/70	(25-4R)	EFFINGHAM	1760	72
	PLOT SCALE = *SCALE*	CHECKED - BRM	REVISED -		SCALE: 1"=50'		SHEET NO. 27 OF 35 SHEETS		STA.	TO STA.	
	PLOT DATE = *DATE*	DATE - 01/22/09	REVISED -		CONTRACT NO. 74295						
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT											

STRUCTURAL DESIGN INFORMATION
US ROUTE 45 AND RAMPS A, B, C, AND D

ROAD CLASSIFICATION: CLASS II

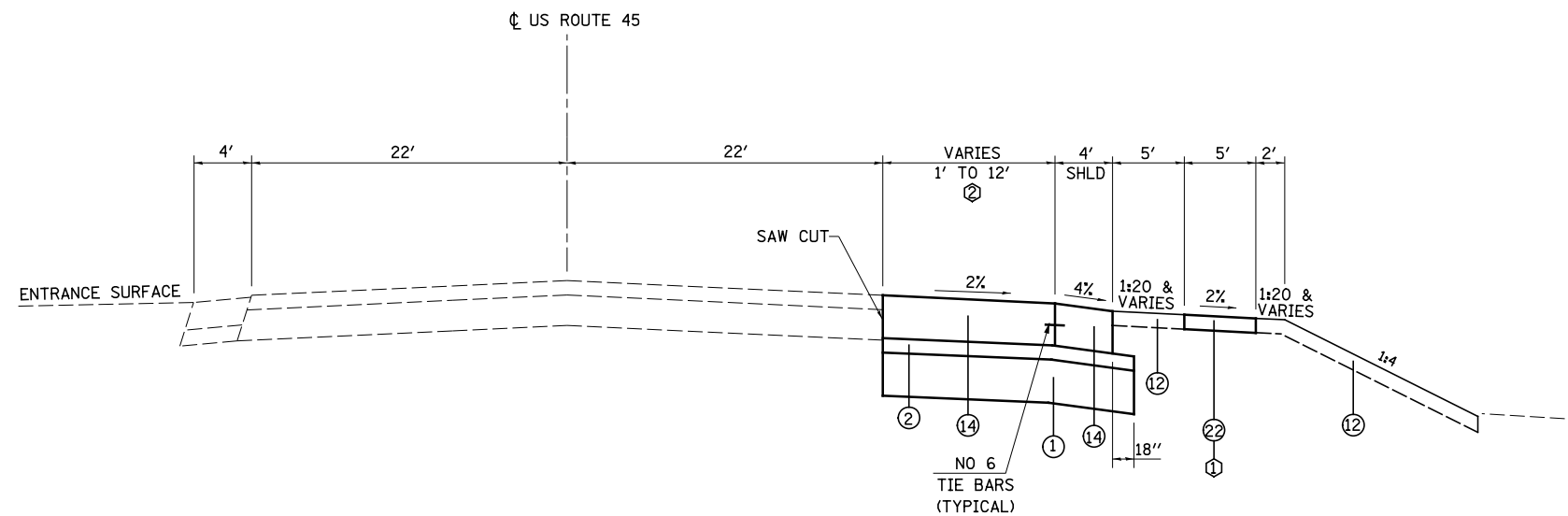
STRUCTURAL DESIGN TRAFFIC: 2030
 PV = 2401 SU = 274 MU = 755

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE
 P = 100% S = 100% M = 100%

MINIMUM SUBGRADE SUPPORT RATING: POOR

RIGID PAVEMENT DESIGN: MINIMUM $T_F = 11.02$
 ACTUAL $T_F = 9.32$

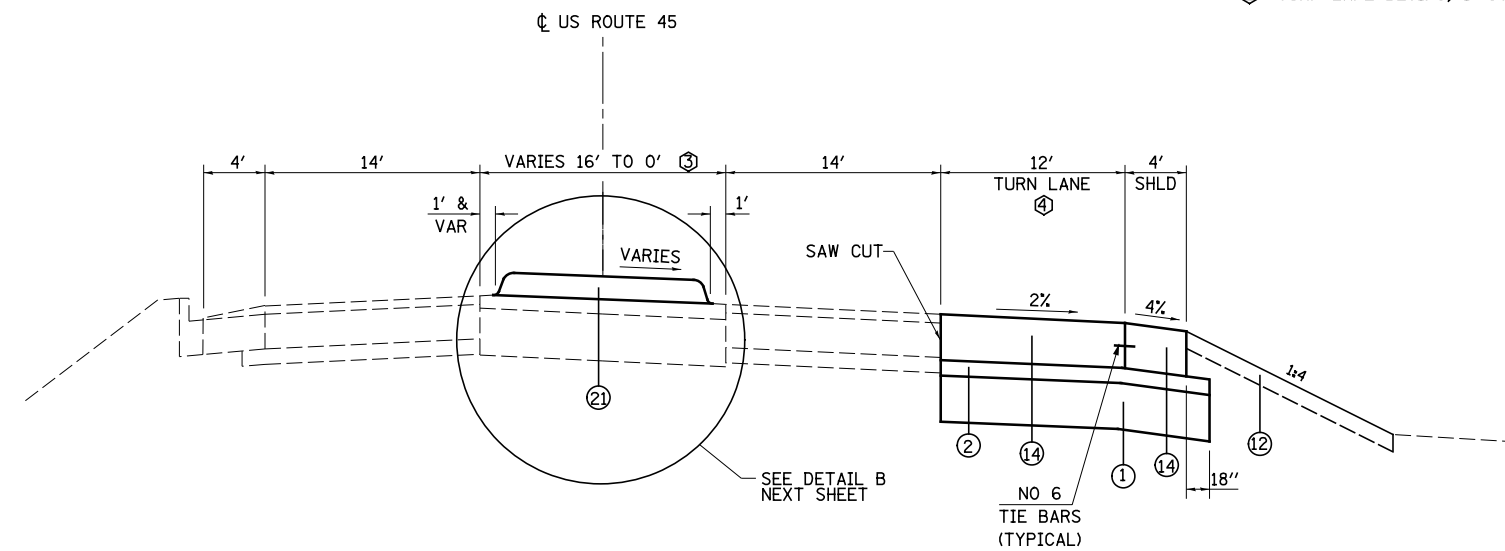
SELECTED DESIGN 9.75 JRCP



PROPOSED US ROUTE 45

STA 47+50.00 TO STA 49+70.00

- ① SIDEWALK BEGINS STA 48+40.09 AND ENDS STA 50+36.21, 58.97' RT
- ② TURN LANE BEGINS, 1' STUB, RT STA 47+68.48



PROPOSED US ROUTE 45

STA 49+70.00 TO STA 52+59.42

- ③ MEDIAN STA 51+23.60 TO STA 52+19.34
- ④ TURN LANE ENDS RT STA 51+66.90

LEGEND

- ① PROPOSED LIME MODIFIED SOIL 12", 24" (SEE SCHEDULE)
- ② PROPOSED STABILIZED SUB-BASE 4"
- ③ PROPOSED CONTINUOUSLY REINFORCED PCC PAVEMENT 13"
- ④ PROPOSED PAVEMENT REINFORCEMENT 13"
- ⑤ PROPOSED AGGREGATE SHOULDERS, TYPE B 6"
- ⑥ PROPOSED PIPE UNDERDRAINS 6"
- ⑦ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 13"
- ⑧ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑨ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- ⑩ PROPOSED STEEL PLATE BEAM GUARD RAIL, TYPE A
- ⑪ PROPOSED STORM SEWERS, CLASS A
- ⑫ PROPOSED TOPSOIL 4"
- ⑬ PROPOSED PCC PAVEMENT 10" (JOINTED)
- ⑭ PROPOSED PCC PAVEMENT 9 3/4" (JOINTED)
- ⑮ PROPOSED COARSE AGGREGATE - COST INCLUDED IN PORTLAND CEMENT CONCRETE SHOULDERS 13"
- ⑯ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑰ PROPOSED AGGREGATE (PRIME COAT)
- ⑱ PROPOSED LEVELING BINDER (MACHINE METHOD), N105 VARIES 0" TO 6"
- ⑲ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 & VARIES
- ⑳ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2" & VARIES
- ㉑ PROPOSED CONCRETE MEDIAN, TYPE SM (DOWELLED)
- ㉒ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4"
- ㉓ PROPOSED BRIDGE APPROACH SLAB
- ㉔ PROPOSED CONCRETE BARRIER BASE
- ㉕ PROPOSED PIPE UNDERDRAIN 4"
- ㉖ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ㉗ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8"
- ㉘ PROPOSED PAVEMENT FABRIC
- ㉙ SLAG MODIFIED CEMENT, 12"

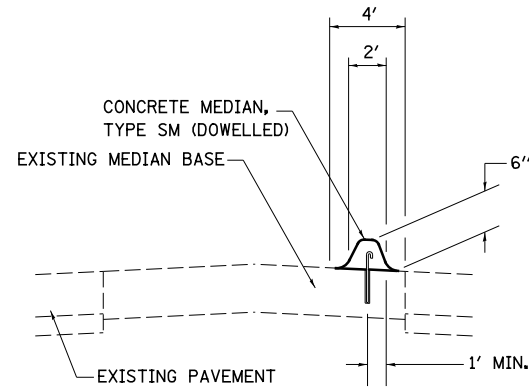
SEE LEGEND NOS. ③-④ FOR PAVEMENT COMPOSITION OF SHOULDERS AND DRIVING LANES

NOTES
 PROPOSED SIDE SLOPES/DITCHES
 VARY - SEE CROSS SECTIONS

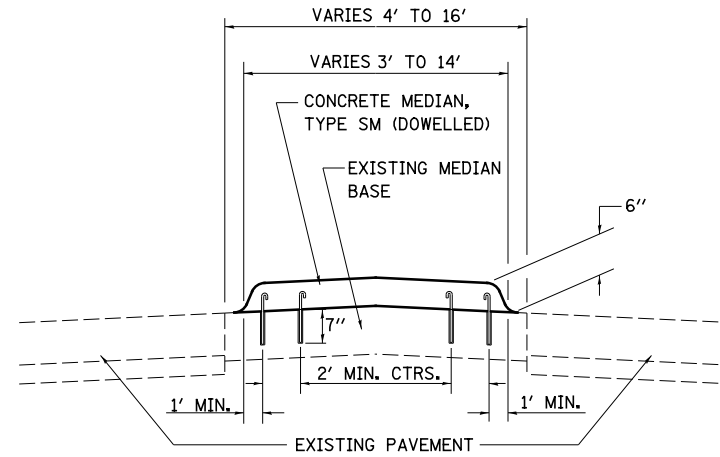
LIMITS OF PROPOSED TOPSOIL
 VARIES - SEE CROSS SECTIONS

FILE NAME =	USER NAME = *USER*	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS US ROUTE 45		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILEL		DRAWN - RCB	REVISED -				57/70	(25-4R)	EFFINGHAM	1760	73
	PLOT SCALE = *SCALE*	CHECKED - BRM	REVISED -		SCALE: 1"=50'		SHEET NO. 28 OF 35 SHEETS		STA.	TO STA.	
	PLOT DATE = *DATE*	DATE - 01/22/09	REVISED -						CONTRACT NO. 74295		

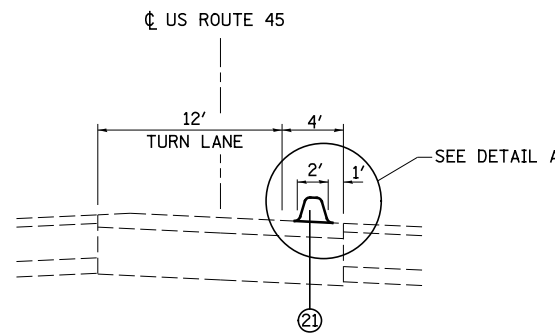
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT



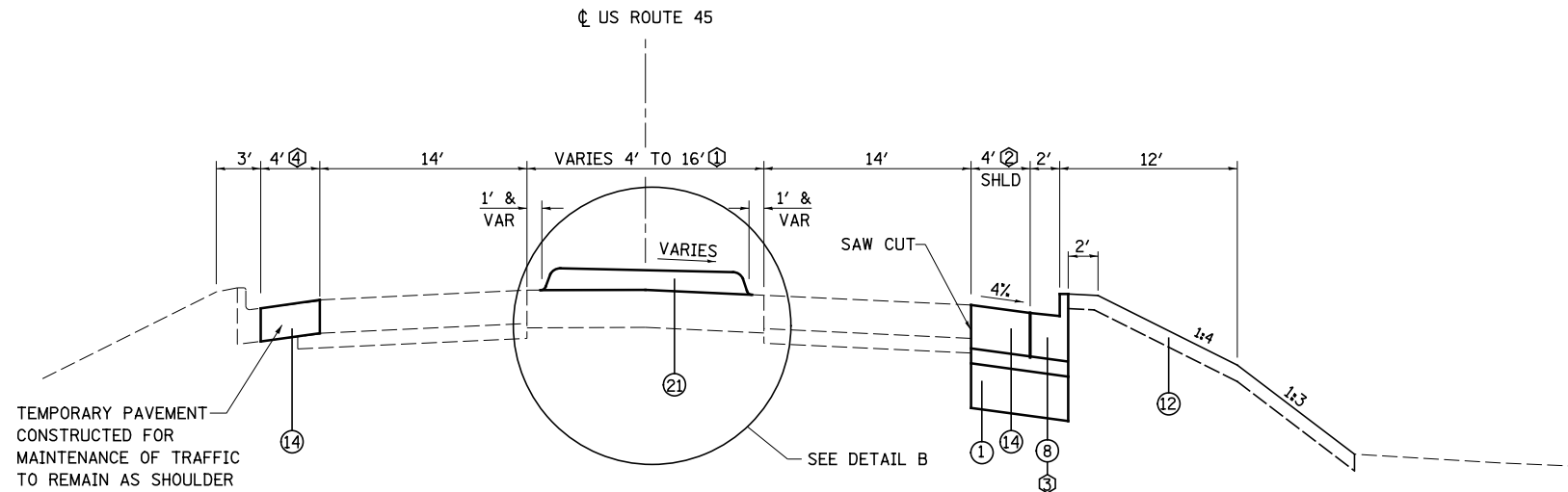
DETAIL A



DETAIL B



MEDIAN SECTION
STA 53+00.19 TO STA 55+63.00



PROPOSED US ROUTE 45
STA 52+59.42 TO STA 60+25.85

LEGEND

- | | |
|--|---|
| ① PROPOSED LIME MODIFIED SOIL 12", 24" (SEE SCHEDULE) | ⑮ PROPOSED COARSE AGGREGATE - COST INCLUDED IN PORTLAND CEMENT CONCRETE SHOULDERS 13" |
| ② PROPOSED STABILIZED SUB-BASE 4" | ⑯ PROPOSED BITUMINOUS MATERIALS (PRIME COAT) |
| ③ PROPOSED CONTINUOUSLY REINFORCED PCC PAVEMENT 13" | ⑰ PROPOSED AGGREGATE (PRIME COAT) |
| ④ PROPOSED PAVEMENT REINFORCEMENT 13" | ⑱ PROPOSED LEVELING BINDER (MACHINE METHOD), N105 VARIES 0" TO 6" |
| ⑤ PROPOSED AGGREGATE SHOULDERS, TYPE B 6" | ⑲ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 & VARIES |
| ⑥ PROPOSED PIPE UNDERDRAINS 6" | ⑳ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2" & VARIES |
| ⑦ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 13" | ㉑ PROPOSED CONCRETE MEDIAN, TYPE SM (DOWELLED) |
| ⑧ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 | ㉒ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4" |
| ⑨ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT | ㉓ PROPOSED BRIDGE APPROACH SLAB |
| ⑩ PROPOSED STEEL PLATE BEAM GUARD RAIL, TYPE A | ㉔ PROPOSED CONCRETE BARRIER BASE |
| ⑪ PROPOSED STORM SEWERS, CLASS A | ㉕ PROPOSED PIPE UNDERDRAIN 4" |
| ⑫ PROPOSED TOPSOIL 4" | ㉖ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B |
| ⑬ PROPOSED PCC PAVEMENT 10" (JOINTED) | ㉗ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" |
| ⑭ PROPOSED PCC PAVEMENT 9 3/4" (JOINTED) | ㉘ PROPOSED PAVEMENT FABRIC |
| | ㉙ SLAG MODIFIED CEMENT, 12" |

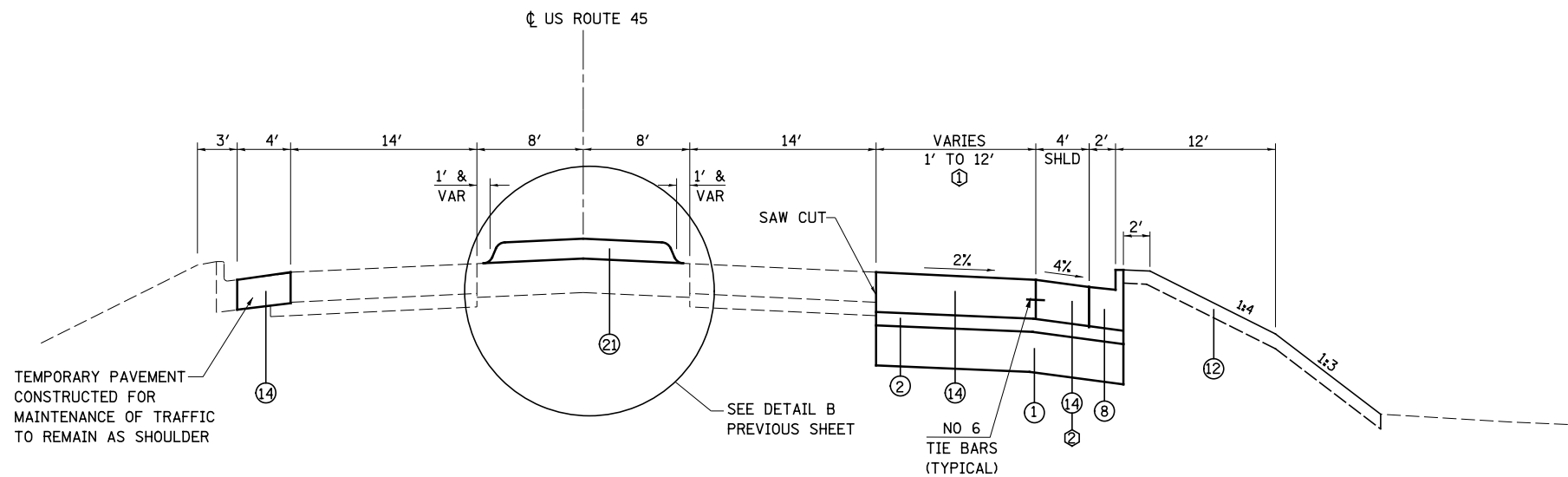
- ① MEDIAN WIDTH STA 53+00.19 TO STA 55+63.00 4'
STA 55+63.00 TO STA 57+65.00 VAR 4' TO 16'
STA 57+65.00 TO STA 60+25.85 16'
- ② PROPOSED SHOULDER STA 58+00.00 TO STA 61+25.85
- ③ PROPOSED CURB AND GUTTER BEGINS STA 57+95.00
- ④ TEMPORARY PAVEMENT BEGINS STA 53+90.00

SEE LEGEND NOS. ③-④ FOR PAVEMENT COMPOSITION OF SHOULDERS AND DRIVING LANES

NOTES
PROPOSED SIDE SLOPES/DITCHES
VARY - SEE CROSS SECTIONS

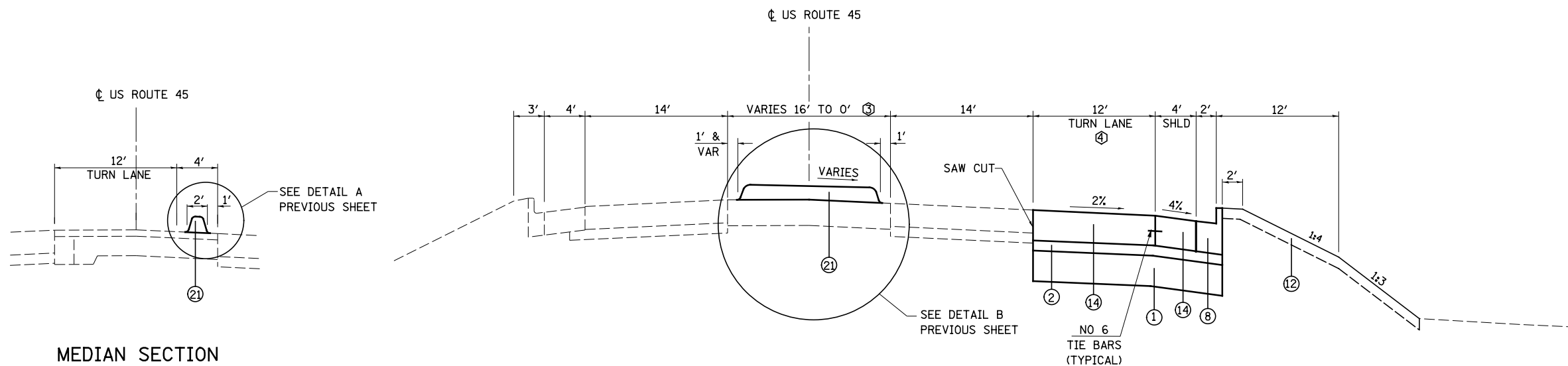
LIMITS OF PROPOSED TOPSOIL
VARIES - SEE CROSS SECTIONS

FILE NAME =	USER NAME = #USER#	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS US ROUTE 45			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#		DRAWN - RCB	REVISED -		57/70	(25-4R)	EFFINGHAM	1760	74			
		CHECKED - BRM	REVISED -		SCALE: 1"=50'			SHEET NO. 29 OF 35 SHEETS			CONTRACT NO. 74295	
		DATE - 01/22/09	REVISED -		STA. TO STA.			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



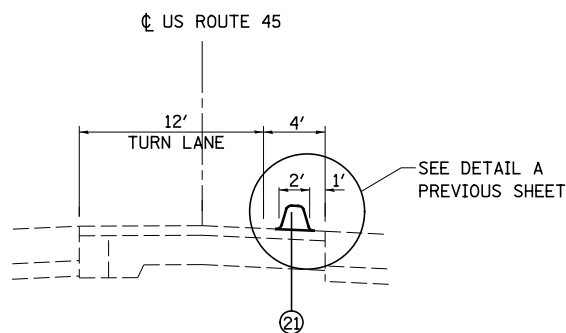
PROPOSED US ROUTE 45
STA 60+25.85 TO STA 62+85.00

- ① TURN LANE BEGINS, 1' STUB, RT STA 60+65.00
- ② SHOULDER BEGINS RT STA 60+55.00



PROPOSED US ROUTE 45
STA 62+85.00 TO STA 65+54.11

- ③ MEDIAN STA 64+45.00 TO STA 65+54.11
- ④ TURN LANE ENDS RT STA 64+92.95



MEDIAN SECTION
STA 66+36.83 TO STA 67+60.00

LEGEND

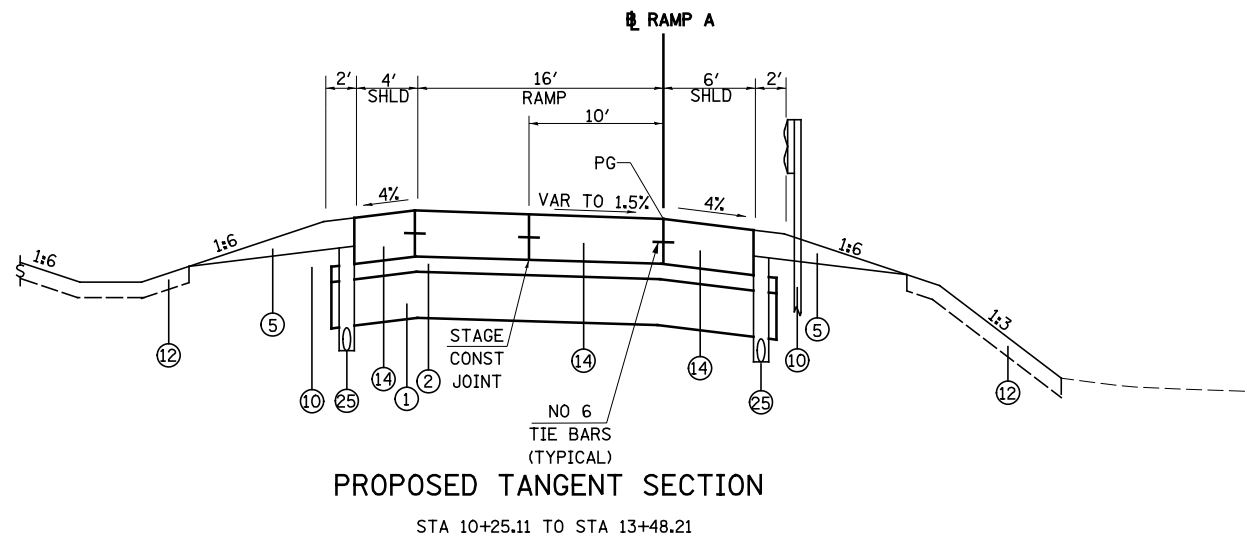
- | | |
|--|---|
| ① PROPOSED LIME MODIFIED SOIL 12", 24" (SEE SCHEDULE) | ⑮ PROPOSED COARSE AGGREGATE - COST INCLUDED IN PORTLAND CEMENT CONCRETE SHOULDERS 13" |
| ② PROPOSED STABILIZED SUB-BASE 4" | ⑯ PROPOSED BITUMINOUS MATERIALS (PRIME COAT) |
| ③ PROPOSED CONTINUOUSLY REINFORCED PCC PAVEMENT 13" | ⑰ PROPOSED AGGREGATE (PRIME COAT) |
| ④ PROPOSED PAVEMENT REINFORCEMENT 13" | ⑱ PROPOSED LEVELING BINDER (MACHINE METHOD), N105 VARIES 0" TO 6" |
| ⑤ PROPOSED AGGREGATE SHOULDERS, TYPE B 6" | ⑲ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 & VARIES |
| ⑥ PROPOSED PIPE UNDERDRAINS 6" | ⑳ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2" & VARIES |
| ⑦ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 13" | ㉑ PROPOSED CONCRETE MEDIAN, TYPE SM (DOWELLED) |
| ⑧ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 | ㉒ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4" |
| ⑨ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT | ㉓ PROPOSED BRIDGE APPROACH SLAB |
| ⑩ PROPOSED STEEL PLATE BEAM GUARD RAIL, TYPE A | ㉔ PROPOSED CONCRETE BARRIER BASE |
| ⑪ PROPOSED STORM SEWERS, CLASS A | ㉕ PROPOSED PIPE UNDERDRAIN 4" |
| ⑫ PROPOSED TOPSOIL 4" | ㉖ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B |
| ⑬ PROPOSED PCC PAVEMENT 10" (JOINTED) | ㉗ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" |
| ⑭ PROPOSED PCC PAVEMENT 9 3/4" (JOINTED) | ㉘ PROPOSED PAVEMENT FABRIC |
| | ㉙ SLAG MODIFIED CEMENT, 12" |

SEE LEGEND NOS. ③-④ FOR PAVEMENT COMPOSITION OF SHOULDERS AND DRIVING LANES

NOTES
PROPOSED SIDE SLOPES/DITCHES
VARY - SEE CROSS SECTIONS

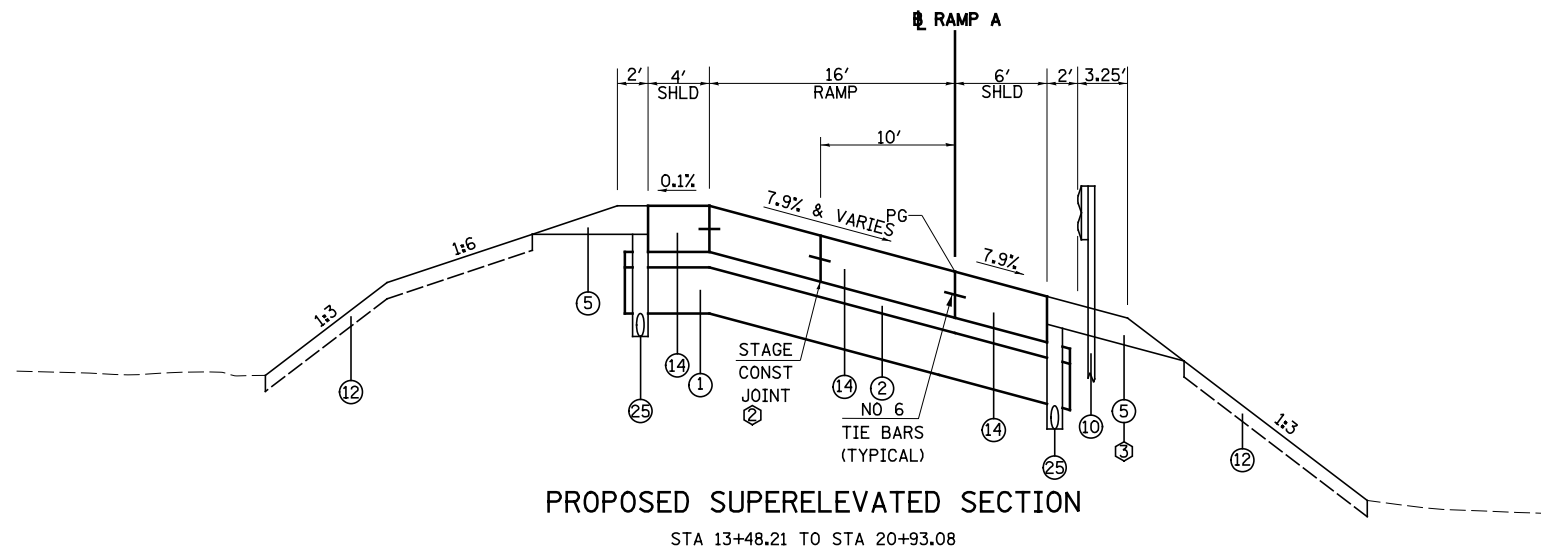
LIMITS OF PROPOSED TOPSOIL
VARIES - SEE CROSS SECTIONS

FILE NAME =	USER NAME = #USER#	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS US ROUTE 45			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL#		DRAWN - RCB	REVISED -		SCALE: 1"=50'	SHEET NO. 30 OF 35 SHEETS	STA.	TO STA.	57/70	(25-4R)	EFFINGHAM	1760	75
		CHECKED - BRM	REVISED -					CONTRACT NO. 74295					
		DATE - 01/22/09	REVISED -					FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT		



PROPOSED TANGENT SECTION

STA 10+25.11 TO STA 13+48.21



PROPOSED SUPERELEVATED SECTION

STA 13+48.21 TO STA 20+93.08

- ② STAGE CONSTRUCTION JOINT ENDS, LT STA 14+74.04
- ③ SHOULDER VARIES 2' TO 5.25', RT STA 17+50.00 TO STA 18+50.00

PROPOSED US ROUTE 45 RAMP A

LEGEND

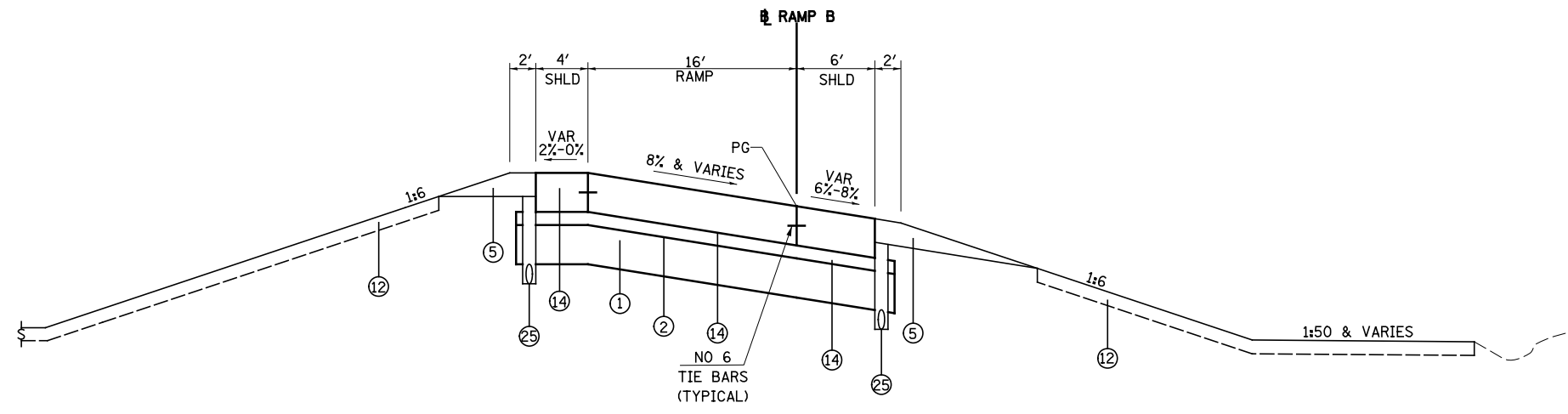
- | | |
|--|---|
| ① PROPOSED LIME MODIFIED SOIL 12", 24" (SEE SCHEDULE) | ⑮ PROPOSED COARSE AGGREGATE - COST INCLUDED IN PORTLAND CEMENT CONCRETE SHOULDERS 13" |
| ② PROPOSED STABILIZED SUB-BASE 4" | ⑯ PROPOSED BITUMINOUS MATERIALS (PRIME COAT) |
| ③ PROPOSED CONTINUOUSLY REINFORCED PCC PAVEMENT 13" | ⑰ PROPOSED AGGREGATE (PRIME COAT) |
| ④ PROPOSED PAVEMENT REINFORCEMENT 13" | ⑱ PROPOSED LEVELING BINDER (MACHINE METHOD), N105 VARIES 0" TO 6" |
| ⑤ PROPOSED AGGREGATE SHOULDERS, TYPE B 6" | ⑲ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 & VARIES |
| ⑥ PROPOSED PIPE UNDERDRAINS 6" | ⑳ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2" & VARIES |
| ⑦ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 13" | ㉑ PROPOSED CONCRETE MEDIAN, TYPE SM (DOWELLED) |
| ⑧ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 | ㉒ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4" |
| ⑨ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT | ㉓ PROPOSED BRIDGE APPROACH SLAB |
| ⑩ PROPOSED STEEL PLATE BEAM GUARD RAIL, TYPE A | ㉔ PROPOSED CONCRETE BARRIER BASE |
| ⑪ PROPOSED STORM SEWERS, CLASS A | ㉕ PROPOSED PIPE UNDERDRAIN 4" |
| ⑫ PROPOSED TOPSOIL 4" | ㉖ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B |
| ⑬ PROPOSED PCC PAVEMENT 10" (JOINTED) | ㉗ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" |
| ⑭ PROPOSED PCC PAVEMENT 9 3/4" (JOINTED) | ㉘ PROPOSED PAVEMENT FABRIC |
| | ㉙ SLAG MODIFIED CEMENT, 12" |

SEE LEGEND NOS. ③-④ FOR PAVEMENT COMPOSITION OF SHOULDERS AND DRIVING LANES

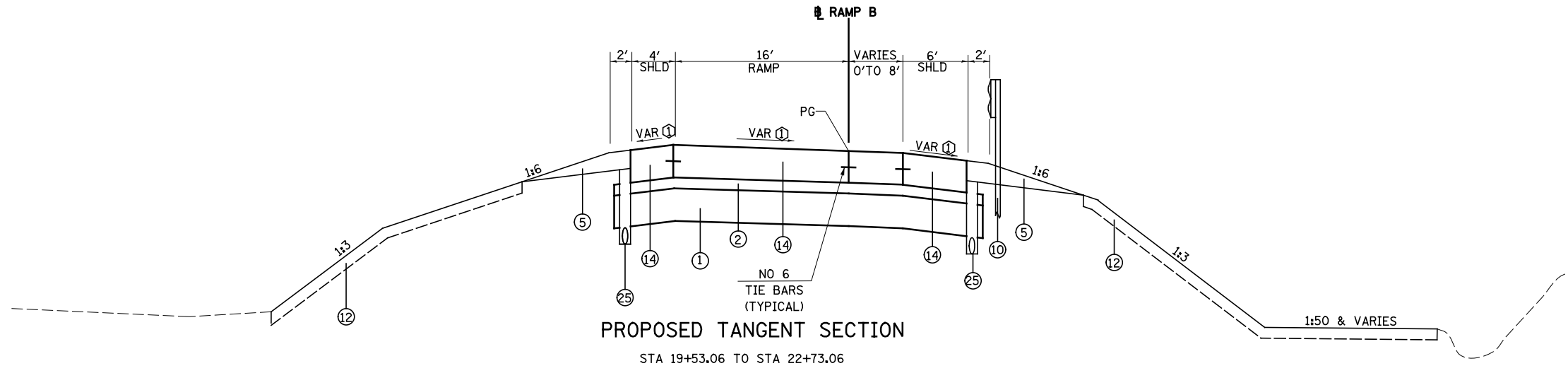
PROPOSED SIDE SLOPES/DITCHES VARY - SEE CROSS SECTIONS

LIMITS OF PROPOSED TOPSOIL VARIES - SEE CROSS SECTIONS

FILE NAME =	USER NAME = \$USER\$	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS RAMP A, US ROUTE 45		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
*FILEL\$		DRAWN - RCB	REVISED -		SCALE: 1"=50'	SHEET NO. 31 OF 35 SHEETS	STA.	TO STA.	57/70	(25-4R)	EFFINGHAM	1760	76
		CHECKED - BRM	REVISED -		CONTRACT NO. 74295								
		DATE - 01/22/09	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								



PROPOSED SUPERELEVATED SECTION
STA 14+54.93 TO STA 19+53.06



PROPOSED TANGENT SECTION
STA 19+53.06 TO STA 22+73.06

PROPOSED US ROUTE 45 RAMP B

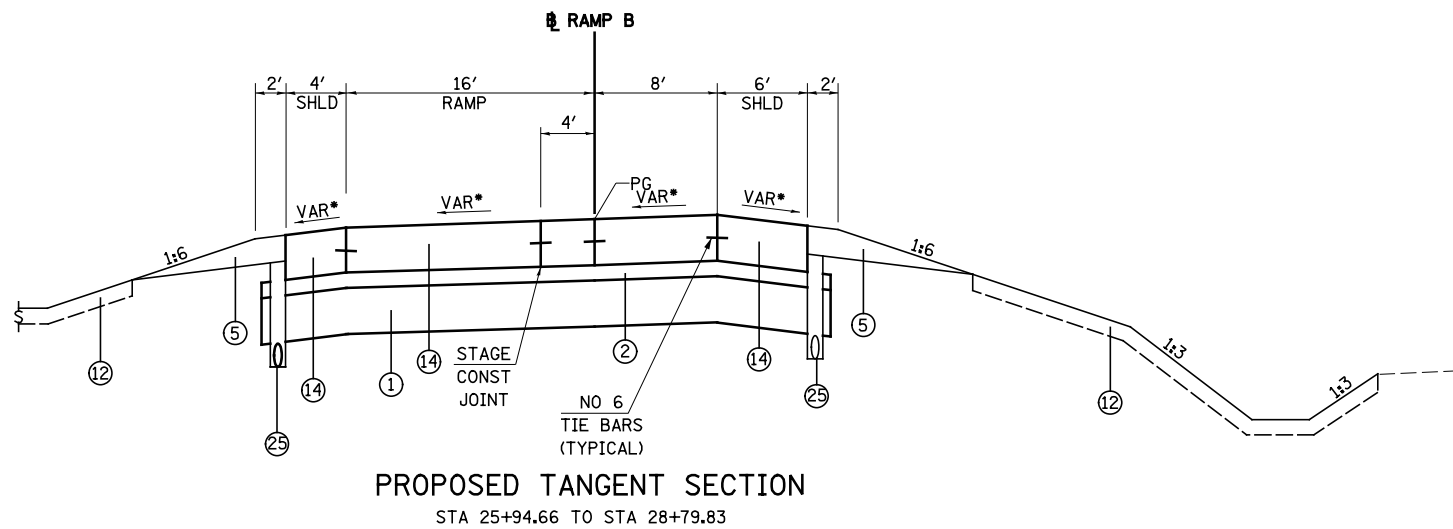
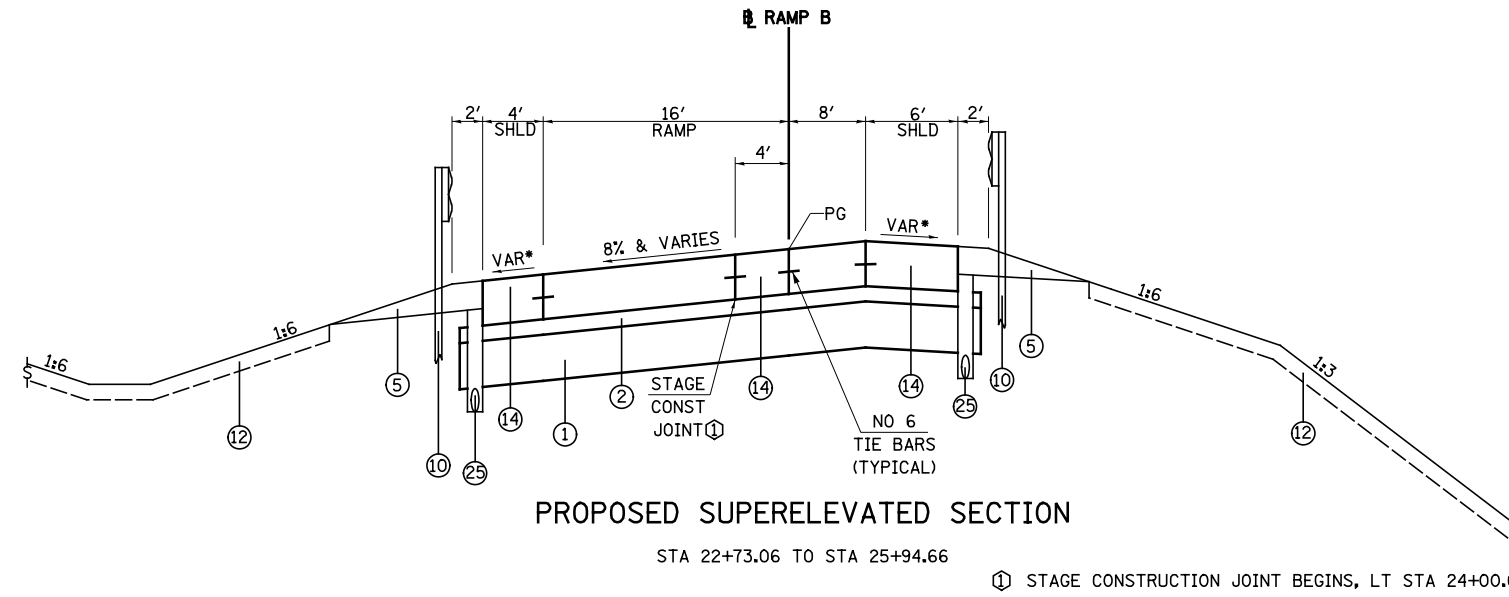
LEGEND

- | | | |
|--|---|------------------------------------|
| ① PROPOSED LIME MODIFIED SOIL 12", 24" (SEE SCHEDULE) | ⑮ PROPOSED COARSE AGGREGATE - COST INCLUDED IN PORTLAND CEMENT CONCRETE SHOULDERS 13" | Ⓜ SLOPE VARIES, SEE CROSS SECTIONS |
| ② PROPOSED STABILIZED SUB-BASE 4" | ⑯ PROPOSED BITUMINOUS MATERIALS (PRIME COAT) | |
| ③ PROPOSED CONTINUOUSLY REINFORCED PCC PAVEMENT 13" | ⑰ PROPOSED AGGREGATE (PRIME COAT) | |
| ④ PROPOSED PAVEMENT REINFORCEMENT 13" | ⑱ PROPOSED LEVELING BINDER (MACHINE METHOD), N105 VARIES 0" TO 6" | |
| ⑤ PROPOSED AGGREGATE SHOULDERS, TYPE B 6" | ⑲ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 & VARIES | |
| ⑥ PROPOSED PIPE UNDERDRAINS 6" | ⑳ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2" & VARIES | |
| ⑦ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 13" | ㉑ PROPOSED CONCRETE MEDIAN, TYPE SM (DOWELLED) | |
| ⑧ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 | ㉒ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4" | |
| ⑨ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT | ㉓ PROPOSED BRIDGE APPROACH SLAB | |
| ⑩ PROPOSED STEEL PLATE BEAM GUARD RAIL, TYPE A | ㉔ PROPOSED CONCRETE BARRIER BASE | |
| ⑪ PROPOSED STORM SEWERS, CLASS A | ㉕ PROPOSED PIPE UNDERDRAIN 4" | |
| ⑫ PROPOSED TOPSOIL 4" | ㉖ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B | |
| ⑬ PROPOSED PCC PAVEMENT 10" (JOINTED) | ㉗ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" | |
| ⑭ PROPOSED PCC PAVEMENT 9 3/4" (JOINTED) | ㉘ PROPOSED PAVEMENT FABRIC | |
| | ㉙ SLAG MODIFIED CEMENT, 12" | |

SEE LEGEND NOS. ③-④ FOR PAVEMENT COMPOSITION OF SHOULDERS AND DRIVING LANES

* PROPOSED SIDE SLOPES/DITCHES VARY - SEE CROSS SECTIONS
LIMITS OF PROPOSED TOPSOIL VARIES - SEE CROSS SECTIONS

FILE NAME =	USER NAME = #USER*	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS RAMP B, US ROUTE 45		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
#FILEL#		DRAWN - RCB	REVISED -		SCALE: 1"=50'	SHEET NO. 32 OF 35 SHEETS	STA.	TO STA.	57/70	(25-4R)	EFFINGHAM	1760	77
		CHECKED - BRM	REVISED -		CONTRACT NO. 74295								
		DATE - 01/22/09	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								



PROPOSED US ROUTE 45 RAMP B

LEGEND

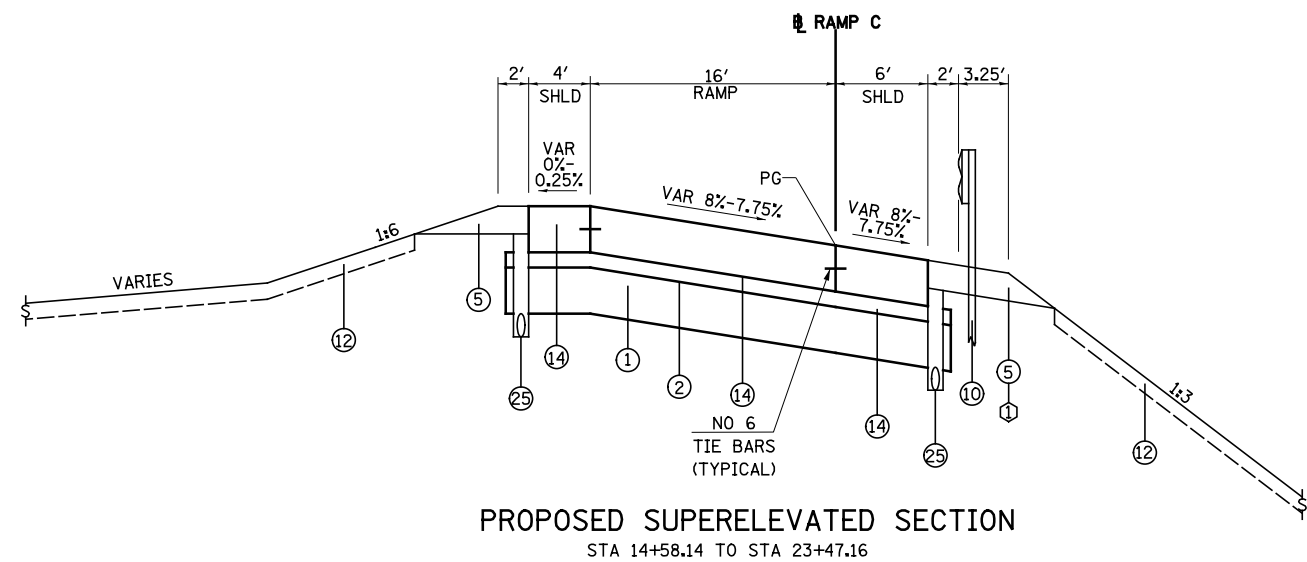
- | | |
|--|--|
| <ul style="list-style-type: none"> ① PROPOSED LIME MODIFIED SOIL 12", 24" (SEE SCHEDULE) ② PROPOSED STABILIZED SUB-BASE 4" ③ PROPOSED CONTINUOUSLY REINFORCED PCC PAVEMENT 13" ④ PROPOSED PAVEMENT REINFORCEMENT 13" ⑤ PROPOSED AGGREGATE SHOULDERS, TYPE B 6" ⑥ PROPOSED PIPE UNDERDRAINS 6" ⑦ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 13" ⑧ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 ⑨ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT ⑩ PROPOSED STEEL PLATE BEAM GUARD RAIL, TYPE A ⑪ PROPOSED STORM SEWERS, CLASS A ⑫ PROPOSED TOPSOIL 4" ⑬ PROPOSED PCC PAVEMENT 10" (JOINTED) ⑭ PROPOSED PCC PAVEMENT 9 3/4" (JOINTED) | <ul style="list-style-type: none"> ⑮ PROPOSED COARSE AGGREGATE - COST INCLUDED IN PORTLAND CEMENT CONCRETE SHOULDERS 13" ⑯ PROPOSED BITUMINOUS MATERIALS (PRIME COAT) ⑰ PROPOSED AGGREGATE (PRIME COAT) ⑱ PROPOSED LEVELING BINDER (MACHINE METHOD), N105 VARIES 0" TO 6" ⑲ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 & VARIES ⑳ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2" & VARIES ㉑ PROPOSED CONCRETE MEDIAN, TYPE SM (DOWELLED) ㉒ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4" ㉓ PROPOSED BRIDGE APPROACH SLAB ㉔ PROPOSED CONCRETE BARRIER BASE ㉕ PROPOSED PIPE UNDERDRAIN 4" ㉖ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B ㉗ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" ㉘ PROPOSED PAVEMENT FABRIC ㉙ SLAG MODIFIED CEMENT, 12" |
|--|--|

SEE LEGEND NOS. ③-④ FOR PAVEMENT COMPOSITION OF SHOULDERS AND DRIVING LANES

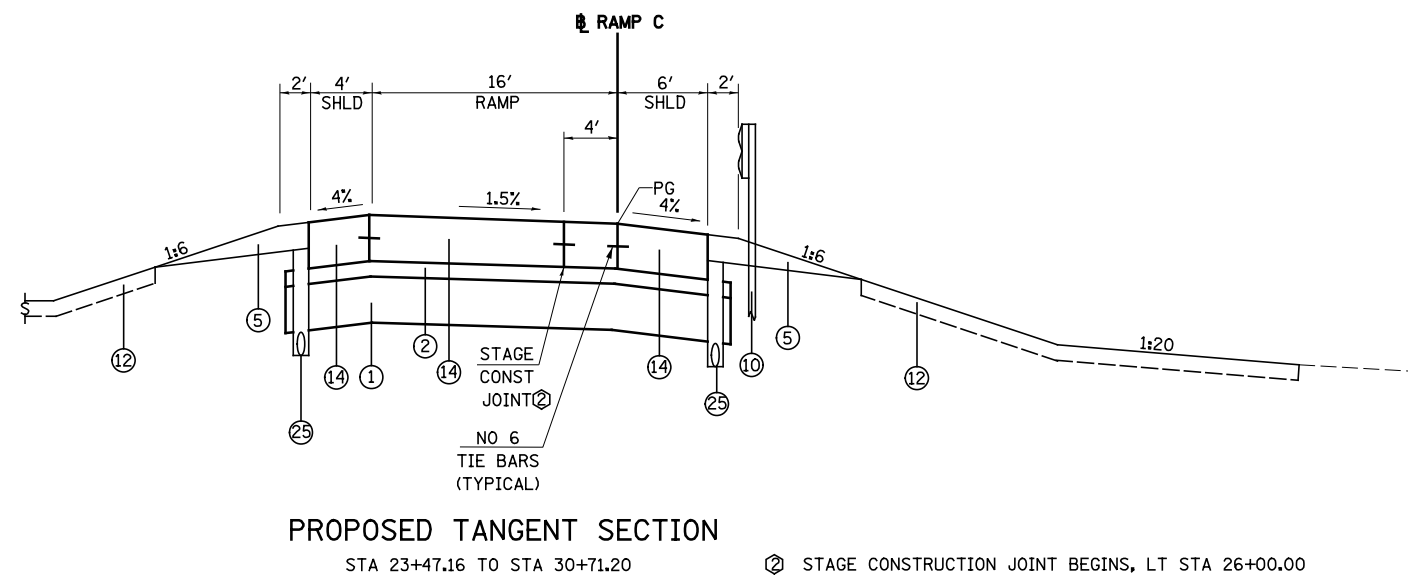
PROPOSED SIDE SLOPES/DITCHES
VARY - SEE CROSS SECTIONS

LIMITS OF PROPOSED TOPSOIL
VARIES - SEE CROSS SECTIONS

FILE NAME =	USER NAME = \$USER*	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS RAMP B, US ROUTE 45			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
FILEL		DRAWN - RCB	REVISED -		SCALE: 1"=50'	SHEET NO. 33 OF 35 SHEETS	STA.	TO STA.	57/70	(25-4R)	EFFINGHAM	1760	78
		CHECKED - BRM	REVISED -					CONTRACT NO. 74295					
		DATE - 01/22/09	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								



① SHOULDER VARIES 5.25' TO 2', RT STA 16+00.00 TO STA 17+00.00



② STAGE CONSTRUCTION JOINT BEGINS, LT STA 26+00.00

PROPOSED US ROUTE 45 RAMP C

LEGEND

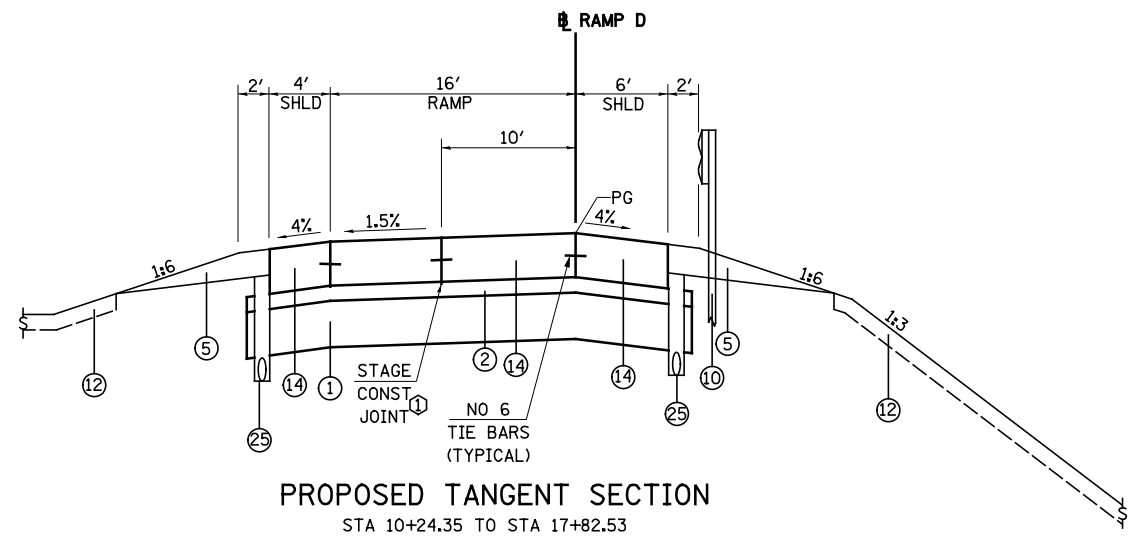
- | | |
|--|---|
| ① PROPOSED LIME MODIFIED SOIL 12", 24" (SEE SCHEDULE) | ⑮ PROPOSED COARSE AGGREGATE - COST INCLUDED IN PORTLAND CEMENT CONCRETE SHOULDERS 13" |
| ② PROPOSED STABILIZED SUB-BASE 4" | ⑯ PROPOSED BITUMINOUS MATERIALS (PRIME COAT) |
| ③ PROPOSED CONTINUOUSLY REINFORCED PCC PAVEMENT 13" | ⑰ PROPOSED AGGREGATE (PRIME COAT) |
| ④ PROPOSED PAVEMENT REINFORCEMENT 13" | ⑱ PROPOSED LEVELING BINDER (MACHINE METHOD), N105 VARIES 0" TO 6" |
| ⑤ PROPOSED AGGREGATE SHOULDERS, TYPE B 6" | ⑲ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 & VARIES |
| ⑥ PROPOSED PIPE UNDERDRAINS 6" | ⑳ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2" & VARIES |
| ⑦ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 13" | ㉑ PROPOSED CONCRETE MEDIAN, TYPE SM (DOWELLED) |
| ⑧ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 | ㉒ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4" |
| ⑨ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT | ㉓ PROPOSED BRIDGE APPROACH SLAB |
| ⑩ PROPOSED STEEL PLATE BEAM GUARD RAIL, TYPE A | ㉔ PROPOSED CONCRETE BARRIER BASE |
| ⑪ PROPOSED STORM SEWERS, CLASS A | ㉕ PROPOSED PIPE UNDERDRAIN 4" |
| ⑫ PROPOSED TOPSOIL 4" | ㉖ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B |
| ⑬ PROPOSED PCC PAVEMENT 10" (JOINTED) | ㉗ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" |
| ⑭ PROPOSED PCC PAVEMENT 9 3/4" (JOINTED) | ㉘ PROPOSED PAVEMENT FABRIC |
| | ㉙ SLAG MODIFIED CEMENT, 12" |

SEE LEGEND NOS. ③-④ FOR PAVEMENT COMPOSITION OF SHOULDERS AND DRIVING LANES

PROPOSED SIDE SLOPES/DITCHES VARY - SEE CROSS SECTIONS

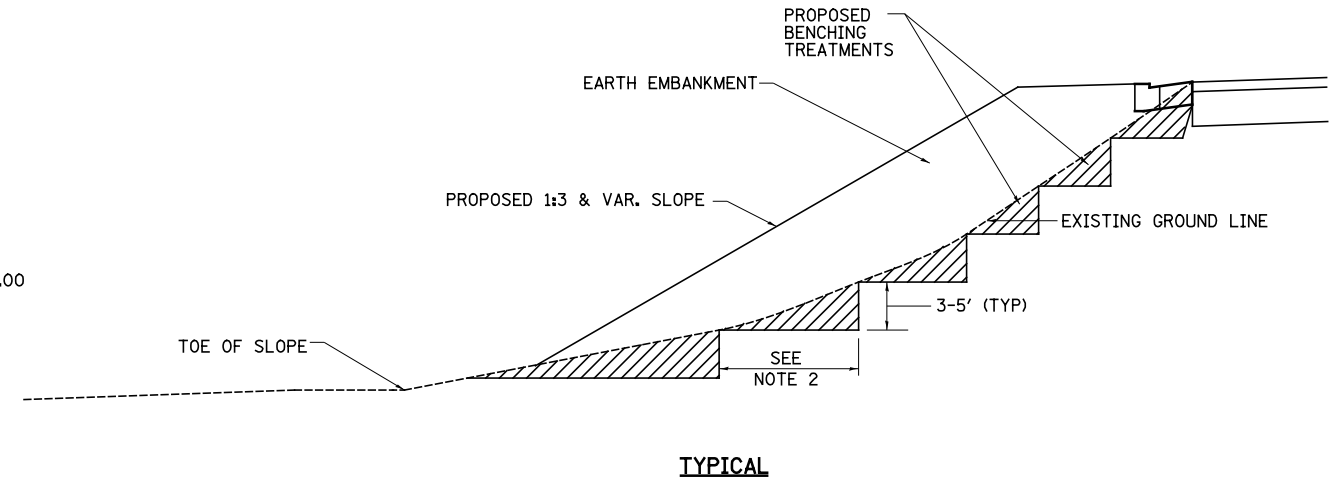
LIMITS OF PROPOSED TOPSOIL VARIES - SEE CROSS SECTIONS

FILE NAME =	USER NAME = \$USER*	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS RAMP C, US ROUTE 45		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
*FILEL\$		DRAWN - RCB	REVISED -		SCALE: 1"=50'	SHEET NO. 34 OF 35 SHEETS	STA.	TO STA.	57/70	(25-4R)	EFFINGHAM	1760	79
		CHECKED - BRM	REVISED -		CONTRACT NO. 74295								
		DATE - 01/22/09	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								

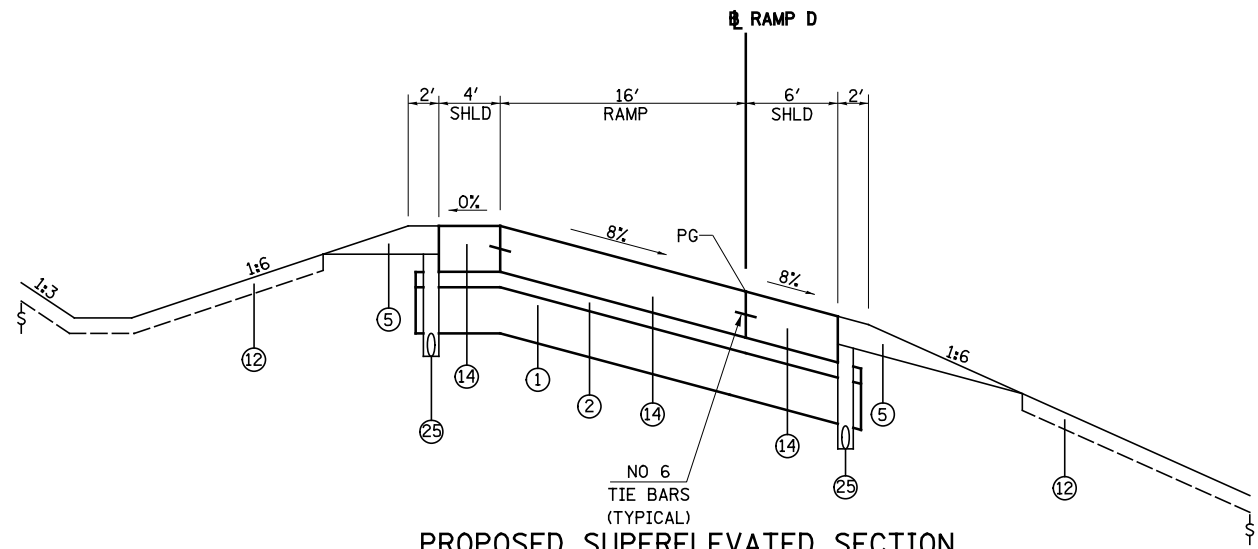


PROPOSED TANGENT SECTION
STA 10+24.35 TO STA 17+82.53

① STAGE CONSTRUCTION JOINT ENDS, LT STA 15+50.00



TYPICAL



PROPOSED SUPERELEVATED SECTION
STA 17+82.53 TO STA 25+69.66 (SLOPES REVERSED)
STA 25+69.66 TO STA 31+53.34

PROPOSED US ROUTE 45 RAMP D

LEGEND

- | | |
|--|---|
| ① PROPOSED LIME MODIFIED SOIL 12", 24" (SEE SCHEDULE) | ⑮ PROPOSED COARSE AGGREGATE - COST INCLUDED IN PORTLAND CEMENT CONCRETE SHOULDERS 13" |
| ② PROPOSED STABILIZED SUB-BASE 4" | ⑯ PROPOSED BITUMINOUS MATERIALS (PRIME COAT) |
| ③ PROPOSED CONTINUOUSLY REINFORCED PCC PAVEMENT 13" | ⑰ PROPOSED AGGREGATE (PRIME COAT) |
| ④ PROPOSED PAVEMENT REINFORCEMENT 13" | ⑱ PROPOSED LEVELING BINDER (MACHINE METHOD), N105 VARIES 0" TO 6" |
| ⑤ PROPOSED AGGREGATE SHOULDERS, TYPE B 6" | ⑲ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 & VARIES |
| ⑥ PROPOSED PIPE UNDERDRAINS 6" | ⑳ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2" & VARIES |
| ⑦ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 13" | ㉑ PROPOSED CONCRETE MEDIAN, TYPE SM (DOWELLED) |
| ⑧ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 | ㉒ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4" |
| ⑨ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT | ㉓ PROPOSED BRIDGE APPROACH SLAB |
| ⑩ PROPOSED STEEL PLATE BEAM GUARD RAIL, TYPE A | ㉔ PROPOSED CONCRETE BARRIER BASE |
| ⑪ PROPOSED STORM SEWERS, CLASS A | ㉕ PROPOSED PIPE UNDERDRAIN 4" |
| ⑫ PROPOSED TOPSOIL 4" | ㉖ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B |
| ⑬ PROPOSED PCC PAVEMENT 10" (JOINTED) | ㉗ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8" |
| ⑭ PROPOSED PCC PAVEMENT 9 3/4" (JOINTED) | ㉘ PROPOSED PAVEMENT FABRIC |
| | ㉙ SLAG MODIFIED CEMENT, 12" |

SEE LEGEND NOS. ③ - ④ FOR PAVEMENT COMPOSITION OF SHOULDERS AND DRIVING LANES

GENERAL NOTES:

- SLOPE STEPS WILL BE REQUIRED FOR ALL 12" THICKNESS "SLIVER FILLS" AND ON ALL FILLS WITH A HEIGHT OF 10' OR GREATER.
- THE STEP WIDTH SHALL BE TWICE THE STEP DEPTH BUT NOT LESS THEN 6'.
- REFER TO ARTICLE 205.03 FOR EMBANKMENT TO BE CONSTRUCTED ON HILLSIDE OR SLOPES, OR IF EXISTING EMBANKMENTS ARE TO BE WIDENED.
- THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE VARIOUS ITEMS OF EXCAVATION, AND THEIR CONSTRUCTION SHALL BE INCLUDED IN THE UNIT PRICES FOR THESE ITEMS.

PROPOSED SIDE SLOPES/DITCHES VARY - SEE CROSS SECTIONS

LIMITS OF PROPOSED TOPSOIL VARIES - SEE CROSS SECTIONS

FILE NAME =	USER NAME = \$USER\$	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS RAMP D, US ROUTE 45		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
*FILEL\$		DRAWN - RCB	REVISED -		SCALE: 1"=50'	SHEET NO. 35 OF 35 SHEETS	STA.	TO STA.	57/70	(25-4R)	EFFINGHAM	1760	80
		CHECKED - BRM	REVISED -						CONTRACT NO. 74295				
		DATE - 01/22/09	REVISED -						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PAVING SCHEDULE

LOCATION	PROCESSING MODIFIED SOIL 12"	PROCESSING MODIFIED SOIL 24"	LIME	SLAG-MODIFIED PORTLAND CEMENT	STABILIZED SUB-BASE - HOT-MIX ASPHALT, 4"	PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED) (SQ YD)	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED) (SQ YD)	PROTECTIVE COAT	BRIDGE APPROACH PAVEMENT CONNECTOR (PCC) (SQ YD)	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 13" (SQ YD)	PAVEMENT REINFORCEMENT 13"	PROTECTIVE COAT	WIDE FLANGE BEAM TERMINAL JOINT COMPLETE (SPECIAL) (EACH)	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH (SQ FT)	AGGREGATE SHOULDERS TYPE B (TON)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (FOOT)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (FOOT)	CONCRETE MEDIAN SURFACE, 4 INCH (SQ FT)	PORTLAND CEMENT SHOULDER 13" (SQ YD)	SHOULDER RUMBLE STRIPS, 16 INCH (FOOT)	PAVEMENT FABRIC (SQ YD)	CONCRETE MEDIAN, TYPE SM (DOWELLED) (SQ FT)	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06 (FOOT)	
STATION TO STATION	ROADWAY	(SQ YD)	(SQ YD)	(TON)	(TON)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(EACH)	(SQ FT)	(TON)	(FOOT)	(FOOT)	(SQ FT)	(SQ YD)	(FOOT)	(SQ YD)	(SQ FT)	(FOOT)	
STA 2268+00.00 TO STA 2342+12.76	I-57/70	106044		2241.6	340.0	103061		17088		90250	90250	94287	4		311		403.0		9833	30229**	9833			
STA 2342+12.66 TO STA 2397+59.39	ROADWAY A	24971		167.9	364.0	27754		680		25953	25953	25953			805		580.0		464	10735	464			
STA 2342+12.76 TO STA 2397+00.73	ROADWAY B	26010	6000	957.9		31828		644		30266	30266	30266			550				258	9723	258			
STA 10+00.00 TO STA 39+23.45	ROADWAY C	12540		136.6	141.0	12540				11791	11791	11791			463					4486				
STA 5348+60.38 TO STA 5366+00.00	ROADWAY D	7080		178.4		7079				6636	6636	6636			279					2657				
STA 6+83.11 TO STA 18+79.69	RAMP F	1000	2555	153.9		3556		2674		230	230	230			242					1717				
STA 12+99.58 TO STA 24+57.67	RAMP G	978	2624	156.9		3600		3029		242	242	242			244					1973				
STA 2397+00.73 TO STA 2413+00.00	I-70	16287		410.5		16287				15221	15221	15221			373					6398				
STA 47+50.00 TO STA 67+60.00	US 45	1564		39.4		1564	1737														17147			
STA 10+17.69 TO STA 24+86.11	US 45 RAMP A	4534		114.3		4534	4090					231			407		231.0	479.5			2273			
STA 10+00.17 TO STA 28+79.83	US 45 RAMP B	6792		171.2		6792	5398			769	769	769			480		203	154.0			3164		71.0	
STA 12+55.89 TO STA 30+71.20	US 45 RAMP C	6025		151.8		6025	5376					100			526			173.0			3248		43.0	
STA 10+17.79 TO STA 36+38.22	US 45 RAMP D	8384		211.3		8384	7129			443	443	443	1		713			233.0	71		4555			
TOTAL		222209	11179	5091.7	845	233004	23730	5703	50600*	325	181801	181801	186169	5	1120	5393	231	2184	274	10555	81158*	10555*	17147	114.0

* NOT A TOTAL QUANTITY ** RUMBLE STRIPS BEGIN STA 2255+00

RESURFACING SCHEDULE

LOCATION	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	LEVELING BINDER (MACHINE METHOD), N105	TEMPORARY RAMP	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 (TON)	AGGREGATE WEDGE SHOULDER, TYPE B (TON)	HOT-MIX ASPHALT SHOULDERS, 8" (SQ YD)	HOT-MIX ASPHALT SHOULDERS (TON)	SHOULDER RUMBLE STRIPS, 16 INCH (FT)
STATION TO STATION	ROADWAY	(GALLON)	(TON)	(SQ YD)	(TON)	(TON)	(SQ YD)	(TON)	(FT)
STA 5361+26.56 TO STA 5400+00.00	ROADWAY C/I-57 SB	1255	25	57	1195	85		721	7285
STA 5366+00.00 TO STA 5400+00.00	ROADWAY D/I-57 NB	1035	21	91	1046	44	1122	414	5416
STA 12+14.76 TO STA 25+61.41	RAMP F	242	5	19	241	18	211	108	
STA 6+69.36 TO STA 15+25.69	RAMP G	129	3	18	158	10	412	55	
TOTAL		2661	54	185	2640	157	1745	1298	12701*

* NOT A TOTAL QUANTITY

TRAFFIC CONTROL SCHEDULE

LOCATION	TEMPORARY CONCRETE BARRIER (FOOT)	RELOCATE TEMPORARY CONCRETE BARRIER (FOOT)	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3 (EACH)	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3 (EACH)
STATION TO STATION	ROADWAY	(FOOT)	(FOOT)	(EACH)
STAGE 1				
2266+54 TO 2356+66	I-57/70 EB/ROADWAY B	8875.0		1
2268+00 TO 2416+93	I-57/70 WB/ROADWAY A/I-70 WB	14725.0		1
2359+93 TO 2413+02	ROADWAY B/I-70 EB	5212.5		1
5364+09 TO 25+99	ROADWAY C	1825.0		1
2356+66 TO 5366+04	ROADWAY D	1300.0		
STAGE 1B				
2355+25 TO 2360+20	ROADWAY B		462.5	1
2300+00 TO 2300+26	I-57/70 WB			1
2380+24 TO 2380+58	ROADWAY A			1
5351+75 TO 5366+04	ROADWAY D		1412.5	1
PRE-STAGE 2				
2265+28 TO 2320+69	I-57/70 EB		5450.0	1
2268+00 TO 2302+41	I-57/70 WB		3362.5	1
2306+50 TO 2315+19	I-57/70 WB		825.0	1
2318+87 TO 25+64	I-57/70 WB/ROADWAY C		2262.5	1
2324+67 TO 2413+00	I-57/70 EB/ROADWAY B/I-70 EB		8687.5	1
2338+63 TO 2384+81	I-57/70/ ROADWAY A		4525.0	1
2384+48 TO 2416+60	ROADWAY A/I-70 WB		2987.5	1
16+53 TO 24+58	RAMP G		775.0	1
STAGE 2				
2266+02 TO 2268+00	I-57/70 EB		175.0	1
2301+71 TO 2302+04	I-57/70 EB			1
2316+15 TO 2325+00	I-57/70 EB		425.0	1
STAGE 2B				
2293+48 TO 2293+82	I-57/70 WB			1
2297+21 TO 2297+54	I-57/70 EB			1
2298+78 TO 2302+04	I-57/70 EB		337.5	
2302+05 TO 2306+50	I-57/70 WB		450.0	
2336+10 TO 2342+16	I-57/70 WB		562.5	1
2384+48 TO 2389+05	ROADWAY A		525.0	1
10+34 TO 16+86	RAMP G		612.5	1
STAGE 2C				
2309+92 TO 2310+26	I-57/70 WB			1
2313+04 TO 2316+35	I-57/70 EB		300.0	1
2314+86 TO 2318+87	I-57/70 WB		400.0	
25+64 TO 31+63	ROADWAY C		562.5	1
PAY TOTAL		31938	35100	9

TEMPORARY PAVEMENT SCHEDULE

LOCATION	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	INCIDENTAL HOT-MIX ASPHALT SURFACING	HOT-MIX ASPHALT SURFACE COURSE MIX "D", N105 (TON)	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 (TON)	AGGREGATE BASE COURSE, TYPE B (TON)	PORTLAND CEMENT CONCRETE PAVEMENT 12" (SQ YD)	PAVEMENT FABRIC (SQ YD)	PROTECTIVE COAT (SQ YD)	TEMPORARY REMOVAL (SQ YD)	PAVEMENT REMOVAL (SPECIAL) (SQ YD)	
STATION TO STATION	ROADWAY	(GALLON)	(TON)	(TON)	(TON)	(TON)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	
STA 2268+00.00 TO STA 2341+50.00	I-57/70						11870	11870	11870		18827	
STA 2298+75.00 TO STA 2301+70.00	I-57/70				197	954	2760			1760		
STA 2301+50.00 TO STA 2305+90.00	I-57/70	103	2	580						1378		
STA 2313+65.00 TO STA 2321+15.00	I-57/70	199	4	1509						2648		
STA 2332+30.00 TO STA 2342+58.82	I-57/70	319	7	2361						4247		
STA 2340+42.46 TO STA 2398+50.69	ROADWAY A					6341	6341	6341			6341	
STA 2382+62.51 TO STA 2388+22.00	ROADWAY A/RAMP G	113	2	278						1513		
STA 2341+50.00 TO STA 2397+00.73	ROADWAY B					5966	5966	5966			5966	
STA 10+00.00 TO STA 28+06.89	ROADWAY C					2087	2087	2087			2087	
STA 5361+26.56 TO STA 5365+02.80	EX. ROADWAY C					832	832	832				
STA 5357+31.79 TO STA 5366+37.51	ROADWAY D					874	874	874			874	
STA 5368+09.70 TO STA 5371+33.90	EX ROADWAY D										442	
STA 19+68.06 TO STA 24+57.82	RAMP G					505	505	505			505	
STA 6+69.45 TO STA 9+06.93	EX. RAMP G					538	538	538			538	
STA 2397+00.73 TO 2416+34.99	I-70 EAST					3931	3931	3931			2995	
STA 0+28.15 TO STA 5+30.69	US 45 RAMP A1 CON.					615	615	615			615	
STA 10+33.00 TO STA 11+15.00	US 45 RAMP A					58	58	58			58	
STA 10+19.96 TO 14+76.54	US 45 RAMP B1 CON.					527	527	527			527	
STA 27+80.00 TO STA 28+72.76	US 45 RAMP B					73	73	73			73	
STA 10+21.08 TO STA 12+48.82	US 45 RAMP C1 CON.					213	213	213			213	
STA 5+42.63 TO STA 8+20.53	US 45 RAMP C2 CON.					311	311	311			311	
STA 29+50.00 TO STA 30+65.48	US 45 RAMP C					90	90	90			90	
STA 30+44.63 TO STA 30+63.33	US 45 RAMP C					27	27	27			27	
STA 0+17.22 TO STA 3+00.63	US 45 RAMP D1 CON.					366	366	366			366	
STA 5+49.15 TO STA 12+56.10	US 45 RAMP D2 CON.					771	771	771			771	
STA 10+38.47 TO STA 11+40.00	US 45 RAMP D					72	72	72			72	
STA 20+00.00 TO STA 22+00.50	US 45 RAMP D3 CON.					745	745	745			745	
SUBTOTAL		734	15	4728	197	954	2760	36812	36812	36812*	11546	42443
TOTAL		734	15	4728	197	954	2760	36812	36812*	36812*	11546	42443

*NOT A TOTAL QUANTITY

EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION (CU YD)	FOR INFORMATION ONLY				EXCESS EXCAVATION (CU YD)	FURNISHED EXCAVATION (CU YD)	REMARKS
		EARTH EXCAVATION ADJUSTED FOR SHRINKAGE 25% (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)				
PRE-STAGE 1								
ROADWAY A	311.9	235.7	712.1	-476.4		477		
ROADWAY B	322.4	242.8	931.1	-688.3		688		
ROADWAY C	136.7	103.2	266.0	-162.8		163		
ROADWAY D	48.1	36.3	190.7	-154.4		154		
RAMP G	68.1	51.1	306.8	-255.7		256		
I-70	139.8	105.6	613.8	-508.2		508		
MAINLINE	921.2	691.4	2279.7	-1588.3		1588		
SUBTOTAL PRE-STAGE 1	1948.2	1466.1	5300.2	-3834.1	0.0	3834.0		
STAGE 1								
ROADWAY A	22898.5	17174.7	10427.9	6746.8			PLACE AS EMBANKMENT ON RDWY B (4990 CY)/RDWY C (963 CY)/RDWY D (794 CY)	
ROADWAY B	4912.0	3684.5	8674.0	-4989.5			OBTAIN 4990 CY FROM RDWY A	
ROADWAY C	694.3	520.9	1483.6	-962.7			OBTAIN 963 CY FROM RDWY A	
ROADWAY D	229.3	172.2	2167.8	-1995.6			OBTAIN 794 CY FROM RDWY A/(1202 CY)OM RAMP G	
RAMP F	2737.6	2053.5	4632.5	-2579.0		970.0	OBTAIN 1609 CY FROM I-70E	
RAMP G	2740.5	2055.6	844.9	1210.7	9.0		PLACE AS EMBANKMENT RAMP G (1202 CY)	
I-70	3529.6	2647.1	1038.5	1608.6			PLACE AS EMBANKMENT RAMP F (1609 CY)	
MAINLINE	1136.0	852.6	39693.7	-38841.1		38841.0		
SUBTOTAL STAGE 1	38877.8	29161.1	68962.9	-39801.8	9.0	39811.0		
STAGE 1B								
ROADWAY A	0.0	0.0	37.1	-37.1			OBTAIN 37 CY FROM RDWY B	
ROADWAY B	137.5	103.1	50.2	52.9			PLACE EXCESS AS EMBANKMENT ON RDWY A (37 CY) RDWY D (615CY)	
ROADWAY D	239.2	179.7	1759.7	-1580.0		1565.0	OBTAIN 15 CY FROM RDWY B	
RAMP G	0.0	0.0	19.0	-19.0		19.0		
MAINLINE	0.0	0.0	232.3	-232.3		232.0		
SUBTOTAL STAGE 1B	376.7	282.8	2098.3	-1815.5	0.0	1816.0		
PRE-STAGE 2								
US 45 RAMP A	68.7	51.7	48.2	3.5	4.0		DISPOSE EXCESS IN ACCORDANCE WITH 202.03	
US 45 RAMP B	27.8	21.0	824.3	-803.3		804.0		
US 45 RAMP C	14.8	11.2	26.1	-14.9			OBTAIN 15 CY FROM US 45 RAMP D	
US 45 RAMP D	70.8	53.1	31.5	21.6	7.0		PLACE 15 CY AS EMBANKMENT ON US 45 RAMP C	
MAINLINE	51.5	38.7	14.4	24.3	24.0		DISPOSE EXCESS IN ACCORDANCE WITH 202.03	
SUBTOTAL PRE-STAGE 2	233.6	175.7	944.5	-768.8	35.0	804.0		
STAGE 2								
US 45 RAMP A	173.3	130.1	5165.4	-51523.9		48663.0	OBTAIN 2861 CY FROM INFIELD RAMP B/OBTAIN 13 CY FROM US 45 RAMP B	
US 45 RAMP B	1110.6	833.1	875.2	-42.1		42.0		
INFIELD RAMP B	4085	3063.9	202.7	2861.2			PLACE EXCESS AS EMBANKMENT ON US 45 RAMP A (2861 CY)	
US 45 RAMP C	24.3	18.2	47992.9	-47974.7		43067.0	OBTAIN 4908 CY FROM INFIELD RAMP D	
US 45 RAMP D	5540.3	4155.5	8591.9	-4436.4			OBTAIN 4436 CY FROM INFIELD RAMP D	
INFIELD RAMP D	13270.2	9953	608.7	9344.3			PLACE 4908 CY EXCESS AS EMBANKMENT ON US 45 RAMP C/4436 CY ON US 45 RAMP D	
ROADWAY A	15345.2	11509.3	9765.7	1743.6			PLACE 1743 CY AS EMBANKMENT ON RDWY B	
ROADWAY B	4399.3	3300.1	6702.1	-3402.0			OBTAIN 1743 CY FROM RDWY A/1659 CY FROM RDWY C	
ROADWAY C	3517.1	2638.0	798.1	1839.9	16.0		PLACE EXCESS AS EMBANKMENT ON RDWY B (1659 CY)/RAMP G (165 CY)/MAINLINE (1197 CY)	
RAMP G	385.5	289.3	454.4	-165.1			OBTAIN 165 CY FROM RDWY C	
I-70	25534.3	19150.6	1169.8	17980.8			PLACE EXCESS AS EMBANKMENT ON MAINLINE (17981 CY)	
MAINLINE	16091.6	12069.7	101781.9	-89712.2		71731.0	OBTAIN 17981 CY FROM RDWY C/OBTAIN 19258 CY FROM I70E	
US45	861.1	646.3	1935.2	-1288.9		1288.0		
SUBTOTAL STAGE 2	90337.8	67757.1	232532.6	-164775.5	16.0	164791.0		
STAGE 2B								
US 45 RAMP A	36.5	27.5	17.6	9.9	10.0		DISPOSE EXCESS IN ACCORDANCE WITH 202.03	
US 45 RAMP B	891.3	668.5	19913.4	-19244.9		9572.0	OBTAIN 9670 CY FROM INFIELD RAMP B	
INFIELD RAMP B	13640.6	10230.8	558.3	9672.5			PLACE EXCESS AS EMBANKMENT ON US 45 RAMP B (9673 CY)	
US 45 RAMP C	133.7	100.4	2438.0	-2337.6		0.0	OBTAIN 1440 CY FROM US 45 RAMP D/OBTAIN 898 CY FROM INFIELD RAMP D	
US 45 RAMP D STA. 10+50 TO 24+00	3414.9	2561.4	1121.3	1440.1			PLACE EXCESS AS EMBANKMENT ON US 45 RAMP C (1440 CY)	
US 45 RAMP D STA. 29+00 TO 30+00	0.0	0.0	217.1	-217.1		0.0	OBTAIN 217 FROM INFIELD RAMP D	
INFIELD RAMP D	4687.8	3516.0	111.9	3404.1			PLACE AS EMBANKMENT ON US 45 RAMP C (898 CY)/INFIELD RAMP D (217 CY)/MAINLINE (2289 CY)	
ROADWAY A	87.6	65.7	0.0	65.7	66.0		DISPOSE EXCESS IN ACCORDANCE WITH 202.03	
MAINLINE STA. 2297+00 TO 2306+55	280.3	210.4	4197.5	-3987.1		1698.0	OBTAIN 2298 CY FROM INFIELD RAMP D	
MAINLINE STA. 2335+75 TO 2341+79	100.9	75.8	313.4	-237.6		238.0		
US45	21.9	16.6	8.9	7.7	8.0		DISPOSE EXCESS IN ACCORDANCE WITH 202.03	
SUBTOTAL STAGE 2B	23295.5	17473.1	28897.4	-11424.3	84.0	11508.0		
STAGE 2C								
US 45 RAMP A	0.0	0.0	0.0	0.0		4275.0		
US 45 RAMP B	816.0	612.2	4887.4	-4275.2			PLACE EXCESS AS EMBANKMENT ON MAINLINE (538 CY)/US 45 RAMP D (90 CY)	
US 45 RAMP C	1521.5	1141.2	459.5	681.7	53.0		OBTAIN 90 CY FROM US 45 RAMP C	
US 45 RAMP D	4610.7	3458.3	3547.9	-89.6			DISPOSE EXCESS IN ACCORDANCE WITH 202.03	
ROADWAY A	24.4	18.3	-0.4	18.7	19.0		DISPOSE EXCESS IN ACCORDANCE WITH 202.03	
ROADWAY C	15.8	11.9	7.4	4.5	5.0		DISPOSE EXCESS IN ACCORDANCE WITH 202.03	
MAINLINE	2432.7	1824.6	2363.0	-538.4			OBTAIN 538 CY FROM US 45 RAMP C	
US45	22.5	17.0	14.6	2.4	2.0		DISPOSE EXCESS IN ACCORDANCE WITH 202.03	
SUBTOTAL STAGE 2C	9443.6	7083.5	11279.4	-4195.9	79.0	4275.0		
STREAM 1	1848.7	1386.6	0.0	1386.6	1387.0			
STREAM 2	790.3	592.9	0.0	592.9	593.0			
STREAM TOTAL	2639.0	1979.5	0.0	1979.5	1980.0	0.0	DISPOSE EXCESS IN ACCORDANCE WITH 202.03	
SUBTOTAL	167152.2	125378.9	350015.3	-224636.4	2203.0	226839.0		
TOTAL	167155	125380	350020	-224640	2205	226840	DISPOSE EXCESS IN ACCORDANCE WITH 202.03	

PIPE CULVERTS SCHEDULE

LOCATION		PIPE CULVERTS, CLASS A, TYPE 1 15"	PIPE CULVERTS, CLASS A, TYPE 1 24"	PIPE CULVERTS, CLASS A, TYPE 1 36"	PIPE CULVERTS, CLASS A, TYPE 2 15"	PIPE CULVERTS, CLASS A, TYPE 2 24"	PIPE CULVERTS, CLASS A, TYPE 4 24"	PIPE DRAINS 15"	PIPE DRAINS 18"	PIPE DRAINS 24"	METAL END SECTIONS 15" (EACH)	METAL END SECTIONS 18" (EACH)	METAL END SECTIONS 24" (EACH)	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15" (EACH)	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24" (EACH)	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36" (EACH)	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 24" (EACH)	REINFORCED CONCRETE PIPE ELBOW 36" (EACH)	CONCRETE THRUST BLOCKS (EACH)	CONCRETE ANCHORS (EACH)	CONCRETE COLLAR (CU YD)
STATION	SIDE	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)
I-57/70																					
2270+11.89	LT		14												1		1				0.5
2270+88.71	RT		11												1		1				0.5
2271+31.01	LT		14												1		1				0.5
2279+08.27	LT																		1	2	0.4
2286+85.00	RT							108		37	1		1						1	6	
2303+50.00	RT													1	1						
2310+87.12	LT													1							
2310+57.86	RT													1							
2313+50.00	LT														1						
2326+00.00	LT															1					0.5
2341+00.00	LT																				
NORTH ROADWAY A																					
2349+75.00	RT																				
2367+50.00	RT							12			1				1						
2368+50.00	LT							31			1										
NORTH ROADWAY B																					
2356+50.00	LT													1							
2360+31.00	LT							331			1										
2363+41.15	LT/RT		20														2				0.8
2377+95.00	LT													1							
NORTH ROADWAY C																					
16+37.57	LT/RT			47											1						1.0
18+74.84	LT														1						
20+63.92	RT			18																	0.5
RAMP F																					
7+27.87	LT							105			1								1	8	
US 45																					
56+80.00	RT							37			1								2	2	
56+96.17	RT							30													
61+68.93	RT								20			1									
61+79.15	RT							41											2	1	
61+81.54	RT								18												
67+03.52	RT							10			1										0.3
US 45 RAMP A																					
12+00.00	LT/RT			75									1								
17+00.00	LT/RT									178					2						
US 45 RAMP D																					
12+29.69	LT/RT	52						49			1								1	3	0.3
19+74.92	LT/RT					85										2					
TOTAL		52	20	104	75	85	178	754	38	37	8	1	1	5	6	5	4	3	8	22	5.3
PAY TOTAL		52	20	104	75	85	178	754	38	37	8	1	1	5	6	5	4	3	8	22	6

SURVEY MARKERS SCHEDULE

LOCATION		PERMANENT SURVEY MARKERS, TYPE I (EACH)
STATION	DESCRIPTION	(EACH)
I-57/70		
2275+00.00	POT	1
2285+00.00	POT	1
2295+42.88	POT	1
2305+00.00	POT	1
2315+00.00	POT	1
2325+00.00	POT	1
2335+00.00	POT	1
2343+65.00	POT	1
NORTH ROADWAY A		
2339+00.00	POT	1
2340+00.00	POT	1
2340+87.67	PC	1
2347+00.00	POC	1
2355+01.91	PT	1
2356+60.34	PC	1
2365+00.00	POC	1
2375+00.00	POC	1
2383+60.34	PT	1
2385+00.69	PC	1
2392+00.00	POC	1
2398+50.69	PT	1
NORTH ROADWAY B		
2381+00.00	POT	1
2390+00.00	POT	1
2397+00.73	POT	1
2341+50.00	POT	1
2343+65.00	POT	1
2350+00.00	POT	1
2360+00.00	POT	1
2366+00.00	POT	1
2372+66.30	POT	1
NORTH ROADWAY C		
10+00.00	PC	1
20+00.00	POC	1
28+85.82	PT	1
35+00.00	POT	1
40+90.00	POT	1
NORTH ROADWAY D		
5337+76.91	POT	1
5345+00.00	POT	1
5354+76.91	PC	1
5366+03.90	PT	1
NORTH RAMP F		
6+80.26	PC	1
10+00.00	PCC	1
15+76.21	PT	1
21+91.22	POT	1
NORTH RAMP G		
10+00.00	PC	1
12+15.39	PT	1
12+99.13	PC	1
16+58.88	PT	1
17+98.88	PC	1
24+57.82	PT	1
US 45 RAMP A		
10+00.00	POT	1
13+48.21	PC	1
18+17.59	PCC	1
20+00.33	PCC	1
22+01.86	PT	1
28+16.86	POT	1
US 45 RAMP B		
10+00.00	POT	1
14+54.93	PC	1
19+53.06	PT	1
22+73.06	PC	1
25+94.66	PT	1
29+04.95	POT	1
US 45 RAMP C		
10+00.00	POT	1
14+57.46	PC	1
16+57.81	PCC	1
18+02.16	PCC	1
23+47.16	PT	1
30+95.55	POT	1
US 45 RAMP D		
10+00.00	POT	1
17+82.53	PC	1
23+99.65	PT	1
27+39.67	PC	1
32+60.93	PT	1
44+10.77	POT	1
I-70E		
2397+00.73	POT	1
2407+00.00	POT	1
TOTAL		74

REMOVAL SCHEDULE

LOCATION			PAVEMENT REMOVAL (SQ YD)	HOT-MIX ASPHALT REMOVAL, VARIABLE DEPTH (SQ YD)	COMBINATION CURB GUTTER REMOVAL (FOOT)	SIDEWALK REMOVAL (SQ FT)	APPROACH SLAB REMOVAL (SQ YD)	MEDIAN REMOVAL PARTIAL DEPTH (SQ FT)	CONCRETE MEDIAN SURFACE REMOVAL (SQ FT)	SLOPEWALL REMOVAL (SQ YD)	PAVED DITCH REMOVAL (FOOT)	PAVED SHOULDER REMOVAL (SQ YD)
STATION TO STATION	SIDE	ROADWAY	(SQ YD)	(SQ YD)	(FOOT)	(SQ FT)	(SQ YD)	(SQ FT)	(SQ FT)	(SQ YD)	(FOOT)	(SQ YD)
STA 2268+00.00 TO STA 2342+76.00	RT	I-57/70	21089				400					9809
STA 2268+00.00 TO STA 2342+12.76	LT	I-57/70	20508				400					7119
STA 2291+69.90 TO STA 2295+25.57	LT/RT	I-57/70								2575		
STA 2339+00.00 TO STA 2397+59.39	LT/RT	ROADWAY A	14790								882.0	8766
STA 2342+12.76 TO STA 2397+00.73	LT/RT	ROADWAY B	15900									8204
STA 5361+26.56 TO STA 5400+00.00	LT/RT	EX. ROADWAY C/I-57 SB		16472								755
STA 10+00.00 TO STA 40+89.96	LT/RT	ROADWAY C	7127									4094
STA 5338+64.26 TO STA 5366+03.90	LT/RT	ROADWAY D	5150									2071
STA 5366+00.00 TO STA 5400+40.00	LT/RT	EX. ROADWAY D/I-57 NB	36	12837								683
STA 9+39.35 TO STA 25+61.41	LT/RT	EX. RAMP F	13	3012								222
STA 6+80.26 TO STA 14+95.75	LT/RT	RAMP F	1251			43						715
STA 6+69.36 TO STA 15+25.69	LT/RT	EX. RAMP G		1723								412
STA 16+55.45 TO STA 24+57.82	LT/RT	RAMP G	1328									812
STA 47+50.00 TO STA 67+60.00	RT	US 45			673.1	1152		17147				923
STA 10+00.00 TO STA 11+58.54	LT/RT	US 45 RAMP A			248.9							
STA 10+00.00 TO STA 25+86.44	LT/RT	EX US 45 RAMP A	3107								107.8	1775
STA 27+02.25 TO STA 28+77.23	LT/RT	US 45 RAMP B			309.3			166.3				
STA 10+00.00 TO STA 29+05.11	LT/RT	EX US 45 RAMP B	3583								185.4	2131
STA 29+40.75 TO STA 30+70.90	LT/RT	US 45 RAMP C			303.4			171.8				
STA 10+20.79 TO STA 28+96.40	LT/RT	EX US 45 RAMP C	3464									2091
STA 10+00.00 TO STA 11+29.22	LT/RT	US 45 RAMP D			267.7							
STA 10+00.00 TO STA 33+81.65	LT/RT	EX US 45 RAMP D	4065								519.4	2649
STA 2397+00.73 TO STA 2415+87.27	RT	I-70E	4265									2733
STA 2397+00.73 TO STA 2415+65.00	LT	I-70E	4265									2754
TOTAL			109941	34044	1802	1152	843	17147	338	2575	1695	58718

DRAINAGE SCHEDULE

LOCATION				MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID (EACH)	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID (EACH)	INLETS, TYPE A, TYPE 8 GRATE (EACH)	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID (EACH)	INLETS, TYPE A, TYPE 1 FRAME, CLOSED LID (EACH)	INLETS, TYPE A, TYPE 3 FRAME AND GRATE (EACH)	INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID (EACH)	INLETS, TYPE B, TYPE 3 FRAME AND GRATE (EACH)	DRAINAGE STRUCTURES, TYPE 5 WITH TWO TYPE 22 FRAME AND GRATES (EACH)	TYPE G INLET BPX, STANDARD 610001 (EACH)	MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 3 FRAME AND GRATE (EACH)	
STATION	STRUCTURE	OFFSET	SIDE												
I-57/70															
2269+50.00	2	12.0	RT	1											
2271+00.00	3	12.0	RT	1											
2271+50.00	4	0.0	MED									1			
2274+00.00	5	0.0	MED									1			
2276+50.00	6	0.0	MED									1			
2279+08.27	7	0.0	MED									1			
2281+50.00	8	0.0	MED									1			
2284+00.00	9	0.0	MED									1			
2286+50.00	10	0.0	MED									1			
2286+85.00	11	78.9	RT							1					
2288+50.00	12	78.9	RT							1					
2289+00.00	13	0.0	MED									1			
2298+50.00	18	0.0	MED									1			
2301+00.00	19	0.0	MED									1			
2303+50.00	20	0.0	MED									1			
2306+00.00	21	0.0	MED									1			
2308+50.00	22	0.0	MED									1			
2311+00.00	23	0.0	MED									1			
2313+50.00	24	0.0	MED									1			
2316+00.00	25	0.0	MED									1			
2318+50.00	26	0.0	MED									1			
2310+51.82	46	69.0	RT					1							
2310+84.69	47	78.7	LT					1							
2321+00.00	27	0.0	MED									1			
2323+50.00	28	0.0	MED									1			
2326+00.00	29	0.0	MED									1			
2328+50.00	30	0.0	MED									1			
2331+00.00	31	0.0	MED									1			
2333+50.00	32	0.0	MED									1			
2336+00.00	33	0.0	MED									1			
2338+48.99	34	0.0	MED									1			
2341+00.00	35	0.0	MED									1			
NORTH ROADWAY A															
2343+50.00	36	35.1	RT									1			
2346+00.00	37	33.7	RT	1											
2341+00.24	42	19.5	LT		1										
2342+10.00	43	26.0	LT			1									
2367+50.00	53	17.0	RT							1					
2368+52.00	49	18.4	RT							1					
2368+77.00	50	21.3	LT							1					
2369+10.00	51	18.4	RT							1					
NORTH ROADWAY B															
2356+50.00	52	15.4	LT								1				
2360+31.00	44	21.0	LT								1				
2377+95.00	45	20.0	LT								1				
NORTH ROADWAY C															
19+00.00	40	24.0	LT												
20+41.80	41	24.2	LT												
NORTH RAMP F															
7+27.87		4.7	LT										1		
US 45															
56+80.00	58	31.2	RT									1			
57+12.34	59	31.2	RT									1			
61+79.15	57	34.3	RT								1				
61+79.15	56	71.3	RT	1											
67+24.46		27.2	RT											1	
US 45 RAMP A															
12+00.00	55	35.85	LT								1				
US 45 RAMP D															
12+29.69	54	36.65	LT								1				
TOTAL				4	3	2	4	2	4	3	2	27	1	1	

STORM SEWER SCHEDULE

LOCATION				TRENCH BACKFILL (CU YD)	STORM SEWERS, CLASS A, TYPE 1 15" (FOOT)	STORM SEWERS, CLASS A, TYPE 1 36" (FOOT)	STORM SEWERS, CLASS A, TYPE 2 24" (FOOT)	STORM SEWERS, CLASS A, TYPE 2 36" (FOOT)
STATION TO STATION	STRUCTURE TO STRUCTURE	OFFSET	SIDE					
I-57/70								
2269+07.17 TO 2269+48.49	1 TO 2	VAR	RT	17.1			43	
2269+51.73 TO 2270+98.27	2 TO 3	12.0	RT	80.9			147	
2271+01.29 TO 2271+47.49	3 TO 4	VAR	RT	20.9			48	
2271+52.50 TO 2273+97.50	4 TO 5	0.0	MED	100.2			245	
2274+02.50 TO 2276+47.50	5 TO 6	0.0	MED	154.6			245	
2279+10.77 TO 2281+47.50	7 TO 8	0.0	MED	161.4			237	
2281+52.50 TO 2283+97.50	8 TO 9	0.0	MED	158.3			245	
2284+02.50 TO 2286+47.50	9 TO 10	0.0	MED	98.5			245	
2286+52.50 TO 2288+97.50	10 TO 13	0.0	MED	91.1			245	
2286+86.53 TO 2288+48.53	11 TO 12	78.8	RT	27.7	162			
2298+52.50 TO 2300+97.50	18 TO 19	0.0	MED	170.3			245	
2301+02.50 TO 2303+47.50	19 TO 20	0.0	MED	179.1			245	
2303+50.00 TO 2303+50.00	20 TO OUTLET	VAR	RT	50.5			110	
2306+02.50 TO 2308+47.50	21 TO 22	0.0	MED	180.3			245	
2308+52.50 TO 2310+97.50	22 TO 23	0.0	MED	170.3			245	
2310+50.00 TO 2310+57.86	46 TO OUTLET	VAR	RT	1.6	49			
2310+84.00 TO 2310+87.12	47 TO OUTLET	VAR	LT	2.8	45			
2311+02.50 TO 2313+47.50	23 TO 24	0.0	MED	123.5			245	
2313+50.00 TO 2313+50.00	24 TO OUTLET	VAR	LT	34.1			108	
2316+02.50 TO 2318+47.50	25 TO 26	0.0	MED	91.1			245	
2318+52.50 TO 2320+97.50	26 TO 27	0.0	MED	91.1			245	
2321+02.50 TO 2323+47.50	27 TO 28	0.0	MED	91.1			245	
2323+52.50 TO 2325+97.50	28 TO 29	0.0	MED	91.1			245	
2326+00.00 TO 2326+00.00	29 TO OUTLET	VAR	LT	30.8			104	
2328+52.50 TO 2330+97.50	30 TO 31	0.0	MED	91.1			245	
2331+02.50 TO 2333+47.50	31 TO 32	0.0	MED	91.1			245	
2333+52.50 TO 2335+97.50	32 TO 33	0.0	MED	91.1			245	
2336+02.50 TO 2338+46.49	33 TO 34	0.0	MED	96.4			244	
2338+51.49 TO 2340+97.50	34 TO 35	0.0	MED	256.1			246	
2340+99.69 TO 2340+99.71	35 TO 42	VAR	LT	4.4				3
2341+00.20 TO 2342+09.71	42 TO 43	VAR	LT	14.3	107			
2341+02.50 TO 2343+47.50	35 TO 36	0.0	MED	327.1			245	
NORTH ROADWAY A								
2343+52.50 TO 2345+98.01	36 TO 37	VAR	RT	202.2			247	
2346+01.98 TO 2349+75.00	37 TO 38	VAR	RT				377	
2367+51.00 TO 2368+51.00	53 TO 49	VAR	RT	9.5	100			
2368+53.00 TO 2369+09.00	49 TO 51	18.41	RT	5.2	56			
NORTH ROADWAY B								
2356+50.00 TO 2356+50.00	52 TO OUTLET	VAR	LT	3.8	44			
2377+95.08 TO 2378+00.33	45 TO OUTLET	VAR	LT	2.1	48			
NORTH ROADWAY C								
18+74.84 TO 18+98.22	39 TO 40	VAR	LT			34		
19+02.48 TO 20+39.32	40 TO 41	VAR	LT			138		
TOTAL				3413	611	172	6321	3

ABANDONED PIPE SCHEDULE

LOCATION		PIPE DIAMETER*	PIPE LENGTH*	PIPE TYPE*	CONTROL LOW STRENGTH MATERIAL*
STATION TO STATION	SIDE	(INCH)	(FOOT)		(CU YD)
I-57/70					
2272+39 TO 2272+41	RT	24	82	RCP	9.5
2291+09.71	RT	12	110		3.2
2291+92.25	LT	12	160		4.7
2295+02.91	RT	12	145		4.2
2295+85.80	LT	12	115		3.3
2309+03 TO 2309+04	RT	24	74	RCCP	8.6
2323+98 TO 2324+00	LT	24	79	RCCP	9.2
I-70 EAST					
2405+08 TO 2405+93	RT	36	86	RCP	22.5
2405+54 TO 2406+41	LT	36	88	RCP	23.0
US 45 RAMP D					
11+24.45	RT	12	50	CMP	1.5

* FOR INFORMATION ONLY

PIPE UNDERDRAINS SCHEDULE

PIPE UNDERDRAINS SCHEDULE

LOCATION	CONCRETE HEADWALL FOR PIPE DRAINS (EACH)	CLASS SI CONCRETE (MISCELLANEOUS) (CU YD)	REINFORCING BARS (POUND)	RODENT SHIELDS (EACH)	PIPE DRAINS 4" (FOOT)	PIPE UNDERDRAINS 4" (FOOT)	PIPE UNDERDRAINS 4" (SPECIAL) (FOOT)	PIPE UNDERDRAINS 6" (FOOT)	PIPE UNDERDRAINS 6" (SPECIAL) (FOOT)	REMARKS
I-57/70 WESTBOUND										
2268+01 TO 2271+49	RT							348	5	PLUG 2271+49; OUTLET STRUCTURE
2268+01 TO 2272+99	LT	1.5	35.6	1				498	10	PLUG 2272+99
2271+50 TO 2276+49	RT							499	5	PLUG 2276+49; OUTLET STRUCTURE
2273+00 TO 2277+99	LT	1.5	35.6	1				499	10	PLUG 2277+99
2276+50 TO 2281+49	RT							499	5	PLUG 2281+49; OUTLET STRUCTURE
2278+00 TO 2282+99	LT	1.5	35.6	1				499	10	PLUG 2282+99
2281+50 TO 2286+49	RT							499	5	PLUG 2286+49; OUTLET STRUCTURE
2283+00 TO 2287+99	LT	1.5	35.6	1				499	10	PLUG 2287+99
2286+50 TO 2291+45	RT							495	5	PLUG 2291+45; OUTLET STRUCTURE
2288+00 TO 2291+91	LT	1.5	35.6	1				391	10	PLUG 2291+91
2292+05	LT	1		1	146					
2295+61 TO 2298+50	RT							289	5	PLUG 2295+61; OUTLET STRUCTURE
2295+93	LT	1		1	97					
2298+51 TO 2303+50	RT							499	5	PLUG 2298+51; OUTLET STRUCTURE
2299+87 TO 2300+84	LT	1.5	35.6	1				97	10	PLUG 2299+87
2300+85 TO 2305+84	LT	1.5	35.6	1				499	10	PLUG 2300+85
2303+51 TO 2308+50	RT							499	5	PLUG 2303+51; OUTLET STRUCTURE
2305+85 TO 2310+83	LT							498	7	PLUG 2305+85; OUTLET STRUCTURE
2308+51 TO 2313+50	RT							499	5	PLUG 2308+51; OUTLET STRUCTURE
2313+51 TO 2318+50	RT							499	5	PLUG 2313+51; OUTLET STRUCTURE
2314+75 TO 2319+74	LT	1.5	35.6	1				499	10	PLUG 2314+75
2318+51 TO 2323+50	RT							499	5	PLUG 2318+51; OUTLET STRUCTURE
2319+75 TO 2324+74	LT	1.5	35.6	1				499	10	PLUG 2319+75
2323+51 TO 2328+50	RT							499	5	PLUG 2323+51; OUTLET STRUCTURE
2324+75 TO 2328+24	LT	1.5	35.6	1				349	10	PLUG 2324+75
2328+51 TO 2333+50	RT							499	5	PLUG 2328+51; OUTLET STRUCTURE
2333+51 TO 2338+49	RT							498	5	PLUG 2333+51; OUTLET STRUCTURE
2338+50 TO 2343+50	RT							500		PLUG 2343+50; OUTLET STRUCTURE
I-57/70 EASTBOUND										
2268+01 TO 2271+49	LT							348	5	PLUG 2271+49; OUTLET STRUCTURE
2268+01 TO 2272+99	RT	1.5	35.6	1				498	10	PLUG 2272+99
2271+50 TO 2276+49	LT							499	5	PLUG 2276+49; OUTLET STRUCTURE
2273+00 TO 2277+99	RT	1.5	35.6	1				499	10	PLUG 2277+99
2276+50 TO 2281+49	LT							499	5	PLUG 2281+49; OUTLET STRUCTURE
2278+00 TO 2282+99	RT	1.5	35.6	1				499	10	PLUG 2282+99
2281+50 TO 2286+49	LT							499	5	PLUG 2286+49; OUTLET STRUCTURE
2283+00 TO 2286+75	RT	1.5	35.6	1				375	10	PLUG 2286+75
2286+50 TO 2291+35	LT							485	5	PLUG 2291+35; OUTLET STRUCTURE
2291+00	RT	1		1	117					
2294+78	RT	1		1	116					
2295+51 TO 2298+50	LT							299	5	PLUG 2295+51; OUTLET STRUCTURE
2297+03 TO 2300+84	RT	1.5	35.6	1				381	10	PLUG 2297+03
2298+51 TO 2303+50	LT							499	5	PLUG 2298+51; OUTLET STRUCTURE
2300+85 TO 2305+84	RT	1.5	35.6	1				499	10	PLUG 2300+85
2303+51 TO 2308+50	LT							499	5	PLUG 2303+51; OUTLET STRUCTURE
2305+85 TO 2310+50	RT							465		PLUG 2305+85; OUTLET STRUCTURE
2308+51 TO 2313+50	LT							499	5	PLUG 2308+51; OUTLET STRUCTURE
2313+51 TO 2318+50	LT							499	5	PLUG 2313+51; OUTLET STRUCTURE
2318+51 TO 2323+50	LT							499	5	PLUG 2318+51; OUTLET STRUCTURE
2319+75 TO 2324+74	RT	1.5	35.6	1				499	10	PLUG 2319+75
2323+51 TO 2328+50	LT							499	5	PLUG 2323+51; OUTLET STRUCTURE
2324+75 TO 2329+74	RT	1.5	35.6	1				499	10	PLUG 2324+75
2328+51 TO 2333+50	LT							499	5	PLUG 2328+51; OUTLET STRUCTURE
2329+75 TO 2334+74	RT	1.5	35.6	1				499	10	PLUG 2329+75
2333+51 TO 2338+49	LT							498	5	PLUG 2333+51; OUTLET STRUCTURE
2334+75 TO 2338+49	RT	1.5	35.6	1				374	10	PLUG 2334+75
2338+50 TO 2343+40	RT							490		PLUG 2343+40
2338+50 TO 2343+50	LT							500		PLUG 2343+50; OUTLET STRUCTURE
US 45 RAMP A										
10+91 TO 12+36	RT	1.5	35.6	1	145	10				PLUG 10+91
11+47 TO 12+36	LT	1.5	35.6	1	89	10				PLUG 11+47
12+37 TO 16+99	LT							499		PLUG 16+99
12+37 TO 16+99	RT							452		PLUG 16+99
17+00 TO 20+99	RT	1.5	35.6	1	391	10				PLUG 20+99
17+00 TO 20+93	LT	1.5	35.6	1	418	10				PLUG 20+93
21+00 TO 24+72	RT	1.5	35.6	1				371	10	PLUG 24+72
US 45 RAMP B										
10+65 TO 15+65	RT	1.5	35.6	1		499	10			PLUG 15+65
14+55 TO 17+49	LT	1.5	35.6	1		302	10			PLUG 14+55
15+66 TO 20+58	RT	1.5	35.6	1		489	10			PLUG 20+58
17+50 TO 19+75	LT					230				PLUG 19+75
19+76 TO 22+59	LT	1.5	35.6	1		283	10			PLUG 19+76
20+59 TO 22+59	RT	1.5	35.6	1		200	10			PLUG 20+59
22+60 TO 27+42	RT	1.5	35.6	1		493	10			PLUG 22+60
22+60 TO 27+42	LT	1.5	35.6	1		468	10			PLUG 22+60
27+43 TO 27+94	RT					51				PLUG 27+94
27+43 TO 28+21	LT					78				PLUG 28+21
US 45 RAMP C										
12+56 TO 14+59	RT	1.5	35.6	1		203	10			PLUG 12+56
14+58 TO 15+99	LT	1.5	35.6	1		489	10			PLUG 14+58
14+60 TO 19+59	RT	1.5	35.6	1		145	10			PLUG 14+60
16+00 TO 19+59	LT	1.5	35.6	1		384	10			PLUG 16+00
19+60 TO 24+19	RT	1.5	35.6	1		446	10			PLUG 19+60
19+60 TO 24+19	LT	1.5	35.6	1		497	10			PLUG 19+60
24+20 TO 29+18	RT	1.5	35.6	1		498	10			PLUG 24+20
SUBTOTAL		4	58.5	1388.4	43	476	7749	25015	357	

LOCATION	CONCRETE HEADWALL FOR PIPE DRAINS (EACH)	CLASS SI CONCRETE (MISCELLANEOUS) (CU YD)	REINFORCING BARS (POUND)	RODENT SHIELDS (EACH)	PIPE DRAINS 4" (FOOT)	PIPE UNDERDRAINS 4" (FOOT)	PIPE UNDERDRAINS 4" (SPECIAL) (FOOT)	PIPE UNDERDRAINS 6" (FOOT)	PIPE UNDERDRAINS 6" (SPECIAL) (FOOT)	REMARKS
US 45 RAMP C										
24+20 TO 29+18	LT	1.5	35.6	1				498	10	PLUG 24+20
29+19 TO 29+86	RT							67		PLUG 29+86
29+19 TO 29+90	LT							71		PLUG 29+90
US 45 RAMP D										
10+97 TO 12+45	RT	1.5	35.6	1				148	10	PLUG 10+97
11+22 TO 12+45	LT	1.5	35.6	1				123	10	PLUG 11+22
12+46 TO 17+44	RT							498		PLUG 17+44
12+46 TO 17+44	LT							498		PLUG 17+44
17+45 TO 22+39	RT	1.5	35.6	1				498	10	PLUG 22+39
17+45 TO 22+39	LT	1.5	35.6	1				481	10	PLUG 22+39
22+40 TO 26+00	RT	1.5	35.6	1				362	10	PLUG 26+00
22+40 TO 26+00	LT	1.5	35.6	1				356	10	PLUG 26+00
26+01 TO 28+92	RT	1.5	35.6	1				290	10	PLUG 28+92
26+01 TO 28+92	LT	1.5	35.6	1				296	10	PLUG 28+92
28+93 TO 31+53	RT	1.5	35.6	1				338	10	PLUG 28+93
28+93 TO 32+34	LT							267		PLUG 28+93; OUTLET STRUCTURE
32+35 TO 35+75	RT	1.5	35.6	1				340	10	PLUG 32+35
35+76 TO 40+75	RT	1.5	35.6	1				499	10	PLUG 35+76
NORTH ROADWAY A										
2342+09 TO 2344+70	LT							261		PLUG 2344+70
2343+50 TO 2345+99	RT							249	8	PLUG 2345+99
2344+71 TO 2349+49	LT	1.5	35.6	1				478	10	PLUG 2349+49
2346+00 TO 2349+49	RT							349	11	PLUG 2349+49
2349+50 TO 2352+55	LT/RT	3.0	71.2	2				610	20	PLUGS 2352+55
2352+56 TO 2354+75	LT	1.5	35.6	1				219	10	PLUG 2352+56
2352+56 TO 2355+50	RT	1.5	35.6	1				294	10	PLUG 2352+56
2354+76 TO 2356+75	LT							199		PLUG 2356+75.5
2355+51 TO 2358+74	RT	1.5	35.6	1				323	10	PLUG 2355+51
2356+76 TO 2358+74	LT	1.5	35.6	1				198	10	PLUG 2356+76
2358+75 TO 2363+69	LT/RT	3.0	71.2	2						

PIPE UNDERDRAINS SCHEDULE

LOCATION		CONCRETE HEADWALL FOR PIPE DRAINS (EACH)	CLASS SI CONCRETE (MISCELLANEOUS) (CU YD)	REINFORCING BARS (POUND)	RODENT SHIELDS (EACH)	PIPE DRAINS 4" (FOOT)	PIPE UNDERDRAINS 4" (FOOT)	PIPE UNDERDRAINS 4" (SPECIAL) (FOOT)	PIPE UNDERDRAINS 6" (FOOT)	PIPE UNDERDRAINS 6" (SPECIAL) (FOOT)	REMARKS
STATION TO STATION	SIDE										
NORTH RAMP G											
10+00 TO 14+49	RT		1.5	35.6	1				449	10	PLUG 10+00
14+50 TO 19+13	RT		1.5	35.6	1		462	10			PLUG 14+50
16+55 TO 19+13	LT		1.5	35.6	1		261	10			PLUG 16+55
19+14 TO 23+00	LT/RT						772				PLUGS 23+00
23+01 TO 24+58	LT/RT		3.0	71.2	2		314	20			PLUGS 24+58
I-70 EAST WESTBOUND											
2397+42 TO 2398+25	LT								166		PLUG 2398+25
2398+01 TO 2403+00	RT		1.5	35.6	1			499	10		PLUG 2398+01
2398+26 TO 2403+00	LT		1.5	35.6	1			474	10		PLUG 2398+26
2403+01 TO 2408+00	LT/RT		3.0	71.2	2			998	20		PLUGS 2403+01
2408+01 TO 2413+00	LT/RT		3.0	71.2	2			998	20		PLUGS 2408+01
I-70 EAST EASTBOUND											
2398+01 TO 2403+00	LT/RT		3.0	71.2	2			998	20		PLUGS 2398+01
2403+01 TO 2408+00	LT/RT		3.0	71.2	2			998	20		PLUGS 2403+01
2408+01 TO 2413+00	LT/RT		3.0	71.2	2			998	20		PLUGS 2408+01
SUBTOTAL		0	25.5	605.2	17	0	1809	40	6578	130	
SUBTOTALS FROM PREVIOUS PAGE		4	162.0	3844.8	112	476	14125	310	52873	947	
TOTAL		4	187.5	4450.0	129	476	15934	350	59451	1077	
PAY TOTAL		4	188	4450*	129	476*	15934	350	59451	1077	

*NOT A TOTAL QUANTITY

DELINEATORS SCHEDULE

LOCATION			DELINEATORS	
STATION	ROADWAY	SIDE	(EACH)	
2268+00.00 TO 2270+25.50	I-57/70 WB	LT	1	
2274+25.50 TO 2277+10.25	I-57/70 WB	LT	3	
2277+10.25 TO 2291+90.61	I-57/70 WB	LT	14	
2299+86.61 TO 2310+82.77	I-57/70 WB	LT	11	
2315+37.98 TO 2328+51.68	I-57/70 WB	LT	13	
SUBTOTAL			42	
2270+69.45 TO 2274+69.59	I-57/70 EB	RT	4	
2274+69.59 TO 2283+35.33	I-57/70 EB	RT	9	
2297+03.04 TO 2310+49.83	I-57/70 EB	RT	14	
2323+09.69 TO 2330+67.53	I-57/70 EB	RT	7	
2333+92.53 TO 2341+25.32	I-57/70 EB	RT	7	
2341+25.32 TO 2343+65.00	I-57/70 EB	RT	2	
SUBTOTAL			43	
12+48.00 TO 13+48.21	US 45 RAMP A	LT	1	
13+48.21 TO 18+17.59	US 45 RAMP A	LT	15	
18+17.59 TO 20+93.08	US 45 RAMP A	LT	5	
SUBTOTAL			21	
10+00.00 TO 10+71.12	US 45 RAMP B	RT	1	
10+71.12 TO 14+54.93	US 45 RAMP B	RT	4	
14+54.93 TO 19+53.06	US 45 RAMP B	RT	6	
19+53.06 TO 22+23.07	US 45 RAMP B	RT	2	
24+93.63 TO 25+94.66	US 45 RAMP B	RT	1	
25+94.66 TO 27+22.81	US 45 RAMP B	RT	2	
14+54.93 TO 19+53.06	US 45 RAMP B	LT	6	
19+53.06 TO 22+73.06	US 45 RAMP B	LT	3	
SUBTOTAL			25	
14+58.14 TO 16+57.81	US 45 RAMP C	LT	3	
16+57.81 TO 18+02.16	US 45 RAMP C	LT	3	
18+02.16 TO 23+47.16	US 45 RAMP C	LT	18	
23+47.16 TO 25+28.33	US 45 RAMP C	LT	2	
SUBTOTAL			26	
23+99.65 TO 27+39.67	US 45 RAMP D	LT	4	
27+39.67 TO 31+53.34	US 45 RAMP D	LT	5	
16+01.36 TO 17+82.53	US 45 RAMP D	RT	2	
17+82.53 TO 23+99.65	US 45 RAMP D	RT	8	
23+99.65 TO 27+39.67	US 45 RAMP D	RT	4	
27+39.67 TO 32+60.93	US 45 RAMP D	RT	6	
32+60.93 TO 35+60.95	US 45 RAMP D	RT	3	
35+60.95 TO 44+10.77	US 45 RAMP D	RT	9	
SUBTOTAL			41	
2342+13.27 TO 2355+01.91	NRDA	LT	12	
2355+01.91 TO 2356+60.34	NRDA	LT	2	
2356+60.34 TO 2368+53.25	NRDA	LT	12	
2374+89.52 TO 2383+36.93	NRDA	LT	8	
2391+07.76 TO 2398+50.69	NRDA	LT	7	
2345+62.09 TO 2355+01.91	NRDA	RT	9	
2355+01.91 TO 2356+60.34	NRDA	RT	2	
2356+60.34 TO 2368+34.52	NRDA	RT	12	
2375+55.34 TO 2383+60.34	NRDA	RT	8	
2383+60.34 TO 2385+00.69	NRDA	RT	1	
2385+00.69 TO 2386+80.76	NRDA	RT	2	
2391+04.27 TO 2398+50.69	NRDA	RT	7	
SUBTOTAL			82	
2343+65.00 TO 2349+42.48	NRDB	RT	6	
2351+17.48 TO 2352+08.85	NRDB	RT	1	
2352+08.85 TO 2382+22.75	NRDB	RT	30	
2382+22.75 TO 2397+00.73	NRDB	RT	14	
2385+34.22 TO 2397+00.73	NRDB	LT	11	
SUBTOTAL			62	
10+00.00 TO 25+63.29	NRDC	LT	15	
10+00.00 TO 28+85.82	NRDC	RT	19	
28+85.82 TO 39+23.45	NRDC	RT	10	
SUBTOTAL			44	
5342+13.79 TO 5343+81.71	NRDD	LT	2	
5347+69.23 TO 5348+60.24	NRDD	LT	1	
5348+60.24 TO 5354+76.91	NRDD	LT	6	
5354+76.91 TO 5361+49.75	NRDD	LT	6	
5356+82.39 TO 5363+10.71	NRDD	RT	6	
SUBTOTAL			21	

LOCATION			DELINEATORS	
STATION	ROADWAY	SIDE	(EACH)	
7+19.40 TO 10+00.00	N RAMP F	RT	3	
10+00.00 TO 14+52.56	N RAMP F	RT	4	
7+47.89 TO 15+76.21	N RAMP F	LT	2	
10+00.00 TO 15+76.21	N RAMP F	LT	6	
15+76.21 TO 21+92.22	N RAMP F	LT	6	
SUBTOTAL			21	
13+13.73 TO 16+58.88	N RAMP G	RT	3	
16+58.88 TO 17+98.88	N RAMP G	RT	2	
17+98.88 TO 24+57.82	N RAMP G	RT	10	
16+58.88 TO 17+98.88	N RAMP G	LT	2	
17+98.88 TO 24+57.82	N RAMP G	LT	8	
SUBTOTAL			25	
2397+00.73 TO 2400+84.22	I-70 EB	LT	4	
2400+84.22 TO 2401+60.60	I-70 EB	LT	1	
2407+47.99 TO 2413+00.00	I-70 EB	LT	2	
2397+00.73 TO 2401+00.00	I-70 EB	RT	5	
2405+50.30 TO 2413+00.00	I-70 EB	RT	2	
SUBTOTAL			14	
2397+00.73 TO 2401+40.42	I-70 WB	LT	4	
2401+40.42 TO 2406+00.61	I-70 WB	LT	1	
2397+00.73 TO 2401+40.42	I-70 WB	RT	4	
2401+41.42 TO 2406+00.40	I-70 WB	RT	1	
SUBTOTAL			10	
TOTAL			477	

RIPRAP SCHEDULE

LOCATION		STONE RIPRAP CLASS A3 (SQ YD)	STONE RIPRAP CLASS A4 (SQ YD)	STONE RIPRAP CLASS A5 (SQ YD)	FILTER FABRIC (SQ YD)
STATION TO STATION	SIDE				
I-57/70					
2270+94.71 TO 2271+21.00	RT		17		17
2271+39.32 TO 2271+65.40	LT		17		17
2287+50.00 TO 2290+75.00	RT		614		614
2293+90.40 TO 2294+18.06	LT		47		47
2339+80.00 TO 2341+25.00	RT		250		250
I-70					
2404+70.75 TO 2040+92.20	RT		45		45
2406+10.15 TO 2406+30.47	RT		44		44
US 45					
56+52.98 TO 57+16.53	RT		187		187
61+07.91 TO 61+59.06	RT		54		54
61+83.76 TO 63+38.51	RT		533		533
US 45 RAMP A					
14+63.69 TO 16+20.71	RT		723		723
16+88.04 TO 17+11.96	RT		20		20
17+74.56 TO 19+21.77	LT		430		430
19+21.77 TO 19+60.63	LT	96			
US 45 RAMP B					
23+50.00 TO 27+00.00	RT		971		971
US 45 RAMP C					
16+24.15 TO 17+38.13	LT	275			
17+38.13 TO 17+70.00	LT		86		86
US 45 RAMP D					
11+59.95 TO 14+75.00	RT		823		823
16+75.00 TO 18+25.00	RT		344		344
19+45.00 TO 19+61.00	RT		18		18
NORTH TRI ROADWAY A					
2383+01.12 TO 2383+25.24	LT		29		29
2390+43.34 TO 2390+57.53	LT		20		20
2393+00.00 TO 2394+36.00	LT			250	250
NORTH TRI ROADWAY B					
2350+85.49 TO 2351+61.59	LT		191		191
2351+61.59 TO 2352+60.12	LT	218			
2362+95.77 TO 2363+19.01	RT		30		30
2392+91.59 TO 2393+27.14	RT		70		70
2393+16.66 TO 2393+54.61	RT		154		154
2394+84.94 TO 2397+10.61	RT		280		280
NORTH TRI ROADWAY C					
16+71.70 TO 16+90.90	RT		32		32
21+03.02 TO 21+33.43	RT		50		50
24+80.00 TO 26+46.09	RT		365		365
SUBTOTAL		589	6444	250	6694
TOTAL		589	6444	250	6694

FENCE SCHEDULE

LOCATION		WOVEN WIRE FENCE, 4' (FOOT)	CABLE ROAD GUARD REMOVAL (FOOT)
STATION TO STATION	SIDE		
I-57/70			
2326+00.00 TO 2341+50.00	RT	1550	1550
ROADWAY B			
2341+50.00 TO 2360+65.56	RT	1936	1936
TOTAL		3486	3486

TEMPORARY DITCH CHECK SCHEDULE

LOCATION			TEMPORARY DITCH CHECKS (FOOT)
STATION	SIDE	OFFSET	
I-57/70			
2268+24.57	RT	92.02	17
2268+64.57	LT	97.54	21
2271+99.57	RT	100.87	17
2271+99.58	LT	99.29	17
2273+49.57	RT	107.10	17
2273+49.57	LT	105.48	17
2274+49.57	RT	111.54	17
2274+99.57	LT	110.34	17
2275+49.57	RT	118.65	17
2276+49.57	LT	115.82	17
2276+99.58	RT	131.89	17
2277+99.57	LT	130.12	17
2278+49.57	RT	141.54	17
2279+49.57	LT	144.29	17
2279+99.57	RT	151.17	17
2280+99.58	LT	163.73	17
2281+49.57	RT	159.82	17
2281+49.57	LT	176.59	17
2282+49.58	LT	202.82	12
2282+99.57	RT	167.91	12
2284+49.57	RT	174.56	17
2285+99.57	RT	179.08	17
2287+49.57	RT	179.02	17
2287+99.57	RT	186.36	17
2288+49.57	RT	192.38	12
2288+99.57	RT	198.94	12
2289+50.73	RT	185.79	12
2290+28.32	RT	192.52	12
2290+68.41	RT	194.34	12
2314+99.57	RT	101.63	21
2315+49.58	LT	113.59	21
2316+49.57	RT	98.15	21
2316+99.57	LT	101.90	17
2317+99.57	RT	94.42	21
2319+49.57	RT	91.88	21
2319+49.57	RT	101.32	21
2320+99.57	RT	89.55	21
2320+99.57	LT	101.40	21
2322+49.57	RT	87.81	21
2322+49.57	LT	102.24	21
2323+99.57	RT	86.43	21
2323+99.57	LT	104.44	21
2325+49.57	RT	83.43	21
2325+49.57	LT	108.18	21
2326+99.57	LT	109.11	14
2326+99.57	RT	81.43	21
2328+49.57	LT	107.40	14
2328+49.57	RT	83.52	17
2329+99.57	LT	108.71	14
2329+99.57	RT	84.49	21
2331+49.57	LT	109.08	14
2331+49.57	RT	83.83	21
2332+99.57	LT	109.89	14
2332+99.57	RT	84.92	21
2334+49.57	LT	110.69	14
2334+49.57	RT	88.70	21
2335+99.57	LT	111.93	14
2335+99.57	RT	93.30	21
2337+49.57	LT	116.08	14
2337+49.57	RT	94.59	21
233759.61	LT	121.64	14
2337+69.61	LT	127.42	14
2337+79.61	LT	133.19	14
2337+89.61	LT	138.97	14
2338+07.63	LT	150.15	14
2338+28.57	LT	150.12	20
2338+49.57	LT	152.07	20
2338+99.57	RT	94.96	21
2339+99.57	RT	93.54	17
2340+24.57	RT	93.42	17
2340+74.57	RT	93.56	17
ROADWAY A			
2344+17.57	LT	34.74	14
2345+67.56	LT	39.98	19
2346+24.57	RT	34.54	19
2347+17.56	LT	47.08	17
2347+74.57	RT	40.80	34
2348+67.56	LT	51.11	17
2349+14.57	RT	48.99	21
2349+44.57	RT	52.72	17
SUBTOTAL			1389

LOCATION			TEMPORARY DITCH CHECKS (FOOT)
STATION	SIDE	OFFSET	
ROADWAY A			
2350+61.56	LT	59.69	26
2351+00.53	RT	60.68	37
2351+24.57	RT	57.28	17
2352+11.56	LT	54.49	17
2352+74.57	RT	57.17	17
2353+61.57	LT	53.62	17
2354+24.57	RT	55.89	17
2355+11.57	LT	53.49	17
2355+74.57	RT	53.30	17
2356+61.57	LT	51.86	17
2357+24.56	RT	49.79	17
2358+11.57	LT	52.03	17
2358+74.56	RT	47.68	17
2359+61.57	LT	47.89	17
2360+24.56	RT	45.52	17
2361+11.57	LT	46.46	17
2361+74.56	RT	43.07	21
2362+61.57	LT	43.89	21
2363+24.56	RT	38.31	21
2364+11.57	LT	45.02	21
2364+74.57	RT	40.90	21
2365+61.57	LT	44.24	21
2366+24.56	RT	39.39	21
2367+11.57	LT	44.64	21
2367+74.56	RT	40.03	21
2367+99.57	LT	43.04	21
2372+99.57	LT	43.63	21
2373+24.56	RT	41.08	21
2374+49.57	LT	43.86	21
2374+74.56	RT	39.76	21
2375+99.57	LT	44.32	21
2376+24.56	RT	39.88	21
2377+49.57	LT	45.37	21
2377+74.56	RT	40.59	21
2378+99.57	LT	45.23	21
2379+24.56	RT	39.36	25
2380+49.58	LT	45.90	21
2380+74.57	RT	40.97	21
2381+49.57	LT	34.04	21
2382+24.57	RT	39.47	24
2383+74.57	RT	42.61	14
2384+74.57	RT	44.42	14
2385+49.58	RT	47.25	14
2385+69.58	RT	50.38	14
2386+16.58	RT	50.83	14
2386+33.58	RT	46.29	14
2387+74.57	RT	43.92	21
2389+24.57	RT	43.92	21
2389+74.67	RT	62.26	21
2390+49.56	LT	72.04	17
2391+99.56	LT	81.03	17
2393+74.56	LT	87.72	17
2394+49.56	LT	89.08	17
2396+74.56	LT	84.75	17
ROADWAY B			
2341+74.56	RT	48.38	12
2341+99.56	RT	47.68	12
2342+74.56	RT	46.27	12
2343+99.57	RT	44.49	21
2344+99.57	RT	43.03	21
2346+49.57	RT	43.36	21
2347+99.57	RT	43.24	21
2349+49.57	RT	42.59	21
2350+99.57	RT	44.67	21
2352+49.57	RT	43.98	21
2353+99.57	RT	43.43	21
2355+49.57	RT	44.06	21
2356+99.57	RT	43.26	21
2358+49.57	RT	43.59	21
2359+99.57	RT	43.51	21
2361+49.57	RT	44.89	21
2361+49.57	LT	27.74	29
2362+08.57	RT	44.92	21
2362+58.57	RT	50.82	19
2362+99.57	LT	40.89	29
2363+30.57	LT	45.50	17
2363+58.57	RT	52.98	17
2364+08.57	LT	48.71	17
2364+43.57	LT	46.65	17
2364+58.57	RT	46.25	17
SUBTOTAL			1543

LOCATION			TEMPORARY DITCH CHECKS (FOOT)
STATION	SIDE	OFFSET	
ROADWAY B			
2364+99.57	LT	44.09	21
2365+99.57	RT	43.67	21
2366+49.57	LT	44.87	21
2367+49.57	RT	43.02	21
2367+99.57	LT	42.94	21
2368+99.57	RT	42.52	21
2369+49.57	LT	42.27	21
2370+49.57	RT	43.32	21
2370+99.57	LT	44.12	21
2371+99.57	RT	43.93	21
2372+49.57	LT	42.92	21
2373+49.57	RT	43.49	17
2373+99.57	LT	41.05	21
2374+74.57	LT	38.34	21
2374+99.57	RT	46.46	14
2375+49.57	LT	32.30	29
2376+49.57	RT	51.39	14
2376+74.57	LT	25.25	15
2377+99.57	RT	54.24	14
2379+24.57	LT	61.24	17
2379+49.57	RT	56.88	14
2379+99.57	LT	64.20	20
2380+74.57	LT	67.04	20
2380+99.57	RT	59.75	14
2381+49.57	LT	70.92	20
2382+24.57	LT	75.10	20
2382+49.57	RT	61.57	14
2382+99.57	LT	78.02	14
2383+99.57	LT	85.11	14
2383+99.57	RT	65.76	14
2384+74.57	LT	91.83	14
2385+09.58	RT	69.69	14
2385+39.58	RT	74.85	16
2385+69.62	RT	86.17	16
2385+99.58	LT	88.36	14
2386+49.57	LT	82.49	14
2386+49.58	RT	79.16	14
2386+75.58	RT	70.11	14
2386+99.57	LT	63.55	14
2386+99.57	LT	77.83	14
2388+49.57	LT	75.52	14
2389+49.57	RT	58.87	14
2389+99.57	LT	69.51	14
2390+99.57	RT	60.69	14
2391+49.57	LT	65.42	14
2391+99.57	RT	63.62	14
2392+14.59	RT	67.51	14
2392+34.59	RT	72.81	14
2392+54.59	RT	78.60	14
2392+62.22	LT	64.12	15
2392+69.59	RT	84.02	16
2392+84.59	RT	89.44	17
2392+99.59	RT	94.86	17
2393+09.72	RT	105.05	17
2393+19.72	RT	115.41	17
2394+13.32	LT	56.94	14
2395+10.04	RT	134.52	14
2395+19.82	RT	128.82	14
2395+29.55	RT	123.02	14
2395+39.61	RT	117.13	14
2395+49.26	RT	111.48	14
2395+56.64	RT	106.68	14
2395+62.99	RT	102.79	14
2395+64.41	LT	53.20	14
2395+69.37	RT	98.78	14
2395+75.84	RT	94.67	14
2395+81.50	RT	90.83	14
2395+87.89	RT	87.12	14
2395+93.96	RT	83.31	14
2395+99.62	RT	79.71	14
2396+15.55	RT	76.57	14
2396+40.79	RT	71.94	14
2396+65.05	LT	50.05	17
2396+66.13	RT	67.86	14
2396+98.91	RT	63.17	14
ROADWAY C			
11+00.43	LT	39.97	21
11+00.44	RT	44.03	21
12+50.44	LT	39.97	21
12+50.44	RT	44.03	21
SUBTOTAL			1293

LOCATION			TEMPORARY DITCH CHECKS (FOOT)
STATION	SIDE	OFFSET	
ROADWAY C			
14+00.44	LT	40.09	21
14+00.44	RT	43.93	21
14+50.43	LT	43.98	21
14+50.44	RT	43.89	21
15+00.43	LT	43.98	21
15+50.43	LT	47.55	17
15+50.44	RT	44.02	21
16+12.43	RT	45.50	21
16+38.42	LT	42.74	17
16+50.44	RT	48.70	21
16+75.42	LT	46.99	30
16+75.43	RT	49.87	17
17+25.44	RT	51.88	17
18+75.44	RT	51.10	17
20+25.44	RT	51.28	17
21+75.44	RT	48.85	17
23+25.44	RT	48.62	17
24+69.02	RT	55.13	17
25+19.80	RT	56.31	17
25+69.94	RT	65.16	17
26+20.59	RT	68.88	17
26+40.72	RT	72.59	17
26+60.88	RT	76.17	17
26+80.96	RT	81.66	16
27+01.01	RT	88.91	16
27+21.16	RT	95.92	16
27+37.56	RT	95.47	16
27+86.56	RT	99.60	14
28+00.88	RT	100.13	14
28+13.18	RT	99.75	14
28+23.43	RT	99.20	14
ROADWAY D			
5347+75.76	LT	67.82	17

GUARDRAIL SCHEDULE

LOCATION			GUARDRAIL REMOVAL	STEEL PLATE BEAM GUARDRAIL, TYPE A (FOOT)	TRAFFIC BARRIER TERMINAL, TYPE 2 (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 6 (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT (EACH)	REMOVE AND RE-ERECT STEEL PLATE BEAM GUARDRAIL, TYPE A (FOOT)	GUARD POSTS REMOVAL (EACH)	GUARDRAIL MARKERS, TYPE A (EACH)	TERMINAL MARKER - DIRECT APPLIED (EACH)
STATION	ROADWAY	SIDE	(FOOT)	(FOOT)	(EACH)	(EACH)	(EACH)	(FOOT)	(EACH)	(EACH)	(EACH)
2266+15.00 TO 2271+16.06	I-57/70	RT	469.3	337.5	1		1			4	1
2269+95.37 TO 2274+25.50	I-57/70	LT	469.3	337.5			1			4	1
2278+60.74 TO 2291+24.94	I-57/70	RT	1264.36	675.0		1	1	1265		7	1
2286+62.64 TO 2292+01.48	I-57/70	LT	538.84					539			
2290+15.81 TO 2300+54.37	I-57/70	RT	138.56								
2294+94.52 TO 2333+92.53	I-57/70	RT	899.98	262.5	1		1			4	1
2295+69.70 TO 2303+34.44	I-57/70	LT	1254.64								
2329+67.46 TO 2333+17.95	I-57/70	RT	599.89								
2333+94.34 TO 2337+31.66	I-57/70	LT	337.39								
2368+34.91 TO 2369+65.16	ROADWAY A	RT		75.0		1	1			4	
2368+53.25 TO 2369+83.88	ROADWAY A	LT		75.0	1		1			4	
2369+65.02 TO 2375+55.32	ROADWAY A	RT	503.19	425.0			1			7	1
2369+83.92 TO 2375+10.00	ROADWAY A	LT	528.20	337.5			1			4	1
2382+68.49 TO 2383+72.97	ROADWAY A	RT	103.80								
2382+69.19 TO 2383+70.85	ROADWAY A	LT	102.54								
2386+80.83 TO 2391+05.83	ROADWAY A	RT		362.5	1		1			4	1
2386+83.18 TO 2390+58.18	ROADWAY A	LT		362.5	1		1			4	1
2349+42.48 TO 2351+17.48	ROADWAY B	RT		112.5	1		1			4	1
2355+53.44 TO 2358+15.70	ROADWAY B	RT	262.48								
2355+53.56 TO 2358+03.29	ROADWAY B	LT	249.81								
5343+81.70 TO 5347+69.23	ROADWAY D	LT		325.0	1		1			4	1
5361+49.75 TO 5366+01.96	ROADWAY D	LT	428.82	350.0			1			4	1
5362+00.44 TO 5366+49.00	ROADWAY D	RT	453.97	237.5			1			4	1
9+51.91 TO 10+29.14	RAMP F	LT	290.48	12.5	1		1			4	
6+94.97 TO 9+68.98	RAMP F	RT	366.48	12.5	1		1			4	
2401+27.17 TO 2405+68.03	I-70E	RT	440.87	250.0			1	5		4	1
2405+77.88 TO 2415+14.50	I-70E	LT	640.87	825.0			1	5		7	1
2407+09.86 TO 2407+97.95	I-70E	RT	88.1								
2411+83.50 TO 2415+21.00	I-70E	LT		275.0	1		1			4	1
54+80.00 TO 62+42.50	US 45	RT	692	550.0	1		1			6	1
12+17.36 TO 24+81.18	US 45 RAMP A	RT		1150.0			1			25	1
22+20.16 TO 24+95.16	US 45 RAMP B	RT		212.5	1		1			5	1
12+45.39 TO 16+65.99	US 45 RAMP C	RT		362.5	1		1			5	
27+62.50 TO 29+37.50	US 45 RAMP C	RT		112.5	1		1			4	1
10+97.17 TO 12+22.17	US 45 RAMP D	RT		62.5	1		1			4	1
TOTAL			11124	8100.0	17	13	20	1804	10	134	20

*STA EQN: 9+39.47= 6+80.26

PATCHING SCHEDULE

LOCATION		PARTIAL DEPTH PATCHING (TON)	PARTIAL DEPTH REMOVAL (VARIABLE DEPTH) (SQ YD)	HOT-MIX ASPHALT SURFACE COURSE MIX "D", N70 (TON)	CLASS B PATCHES, TYPE IV, 12 INCH (SQ YD)	CLASS B PATCHES, TYPE II, 16 INCH (SQ YD)	CLASS B PATCHES, TYPE III, 16 INCH (SQ YD)	PAVEMENT FABRIC (SQ YD)	TIE BARS 3/4" (EACH)	SAW CUTS (FT)	DOWEL BARS 1 1/2" (EACH)
STATION/ROADWAY	SIDE	(TON)	(SQ YD)	(TON)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(EACH)	(FT)	(EACH)
I-70 WB DL		32.7	194.7								
I-70 EB DL		82.4	490.7								
I-57 SB DL		13.9	82.7								
I-57 NB DL		9.0	53.3								
SB/WB MERGE		28.7	171.1								
SB/WB @ 45 ON RAMP		26.1	155.6								
NB/EB @ 45 OFF RAMP		18.7	111.1								
NB/EB @ 45 ON RAMP		24.3	144.4								
NB/EB SPLIT		20.5	122.2								
NB/EB @ 45 BRIDGE			306.7	51.52							
EB OVERHEAD			1546.7	259.84							
WB OVERHEAD			533.3	89.60							
I-57 SB ROADWAY C											
5361+26.00	RT				8.0				49	20	
5361+26.00	LT				8.0				49	20	
5380+00.00	RT					16.0	16.0		61	20	
5380+00.00	LT					16.0	16.0		61	20	
I-57 NB ROADWAY D											
5390+10.00	RT				8.0				49	20	
5390+10.00	LT				8.0				49	20	
5397+50.00	RT				8.0				49	20	
5397+50.00	LT				8.0				49	20	
RAMP F											
19+61.00					9.3				55	24	
RAMP G											
6+70.00					9.3				55	24	
US 45											
RAMP TERMINAL					38.3			38.3	11	91	28
RAMP TERMINAL					48.3			48.3	14	104	24
TOTAL		256.3	3912.5	400.96	86.6	66.6	32.0	118.6	25.0	721	260
PAY TOTAL		257	3913	401	87	67	32	119	25	721	260

SEEDING SCHEDULE

LOCATION	TOPSOIL FURNISH AND PLACE (SQ YD)	SEEDING CLASS 2 (ACRE)	SEEDING CLASS 3 (ACRE)	SEEDING CLASS 7 (ACRE)	NITROGEN FERTILIZER NUTRIENT (POUND)	PHOSPHORUS FERTILIZER NUTRIENT (POUND)	POTASSIUM FERTILIZER NUTRIENT (POUND)	MULCH METHOD 2 (ACRE)	AGRICULTURAL GROUND LIMESTONE (TON)	MOWING (ACRE)
I-57/70	104361.88	19.62	0.51	22.69	1812	1812	1812	20.13	1.02	20.13
ROADWAY A	59634.73	12.27	0.05	13.67	1109	1109	1109	12.32	0.10	12.32
ROADWAY B	44197.10	8.97	0.16	10.66	822	822	822	9.13	0.32	9.13
ROADWAY C	14553.51	2.88	0.12	2.92	270	270	270	3.00	0.24	3.00
ROADWAY D	7279.06	1.48	0.03	1.07	136	136	136	1.51	0.06	1.51
ROADWAY F	7160.98	1.48	0.00	1.44	133	133	133	1.48	0.00	1.48
ROADWAY G	4899.34	1.01	0.00	1.28	91	91	91	1.01	0.00	1.01
US45 RAMP A	13753.12	1.34	0.00	2.68	121	121	121	1.34	0.00	1.34
US45 RAMP B	16435.32	3.40	0.00	3.84	306	306	306	3.40	0.00	3.40
INFIELD RAMP B	21244.12	4.39	0.00	4.39	395	395	395	4.39	0.00	4.39
US45 RAMP C	17809.27	3.50	0.00	3.59	315	315	315	3.50	0.00	3.50
US45 RAMP D	30978.37	6.36	0.04	5.19	576	576	576	6.40	0.08	6.40
INFIELD RAMP D	29694.09	2.32	0.00	2.32	209	209	209	2.32	0.00	2.32
I-70E	30538.48	6.14	0.17	9.13	568	568	568	6.31	0.34	6.31
TOTAL	402539.37	75.16	1.08	84.87	6863	6863	6863	76.24	2.16	76.24
PAY TOTAL	402540	76	2	85	6390	6390	6390	77	4	77

DRAINAGE REMOVAL SCHEDULE

LOCATION			REMOVING INLETS (EACH)	FILLING INLETS, SPECIAL (EACH)	REMOVE AND RELAY END SECTIONS (EACH)	REMOVE AND RE-INSTALL PIPE CULVERTS (FOOT)	CONCRETE HEADWALL REMOVAL (EACH)	PIPE CULVERT REMOVAL (FOOT)
STATION TO STATION	SIDE	ROADWAY	(EACH)	(EACH)	(EACH)	(FOOT)	(EACH)	(FOOT)
STA 2269+13.97 TO STA 2271+85.33	MED	I-57/70						272
STA 2270+21.49	LT	I-57/70					1	
STA 2270+88.02	RT	I-57/70					1	
STA 2271+30.24	LT	I-57/70					1	
STA 2279+08.27	MED	I-57/70	1					
STA 2286+77.47 TO 2286+79.46	LT	I-57/70	1					82
STA 2289+16.32 TO 2289+25.67	LT	I-57/70	1					105
STA 2291+09.71	RT	I-57/70	1	1				
STA 2291+92.25	LT	I-57/70	1	1				
STA 2295+02.91	RT	I-57/70	1	1				
STA 2295+85.80	LT	I-57/70	1	1				
STA 2299+98.39	RT	I-57/70	1					80
STA 2303+04.76	LT	I-57/70	1					75
STA 2309+03.58	RT	I-57/70					1	
STA 2332+23.39 TO 2333+77.97	RT	I-57/70						155
STA 2332+14.20 TO 2334+85.46	MED	I-57/70						272
STA 2341+00.00	MED	I-57/70	1					
STA 2382+59.10 TO 2384+11.43	RT	ROADWAY A						152
STA 2354+21.14 TO STA 2354+22.74	LT	ROADWAY B						32
STA 2357+21.87 TO 2358+76.36	RT	ROADWAY B						152
STA 2357+23.42 TO 2358+75.18	LT	ROADWAY B						152
STA 2404+20.42 TO 2409+41.88	RT	I-70 E			2	158		364
STA 16+11.77	LT	ROADWAY C	1					
STA 16+37.57	LT/RT	ROADWAY C			1			
STA 20+40.06	LT	ROADWAY C	1					
STA 20+63.92	RT	ROADWAY C			1			
STA 7+01.43	LT	RAMP F	1					
STA 16+05.53 TO 17+58.26	RT	RAMP G						153
STA 56+99.42 TO STA 57+12.34	RT	US 45						34
STA 61+30.45 TO STA 61+74.72	RT	US 45	1					67
STA 66+84.93 TO STA 67+03.52	RT	US 45						36
STA 22+93.48 TO STA 23+17.57	RT	US 45 RAMP B						44
STA 19+65.26	LT/RT	EX US 45 RAMP B						61
STA 28+44.88	LT/RT	US 45 RAMP C						58
STA 29+27.42 TO STA 29+42.34	RT	US 45 RAMP C	1					50
STA 11+24.45	RT	US 45 RAMP D	1					
TOTAL			16	4	4	158	4	2396

FILE NAME : S:\Project\03\000725\70.dgn
 USER NAME : *USER*
 PLOT SCALE : *SCALE*
 PLOT DATE : *DATE*

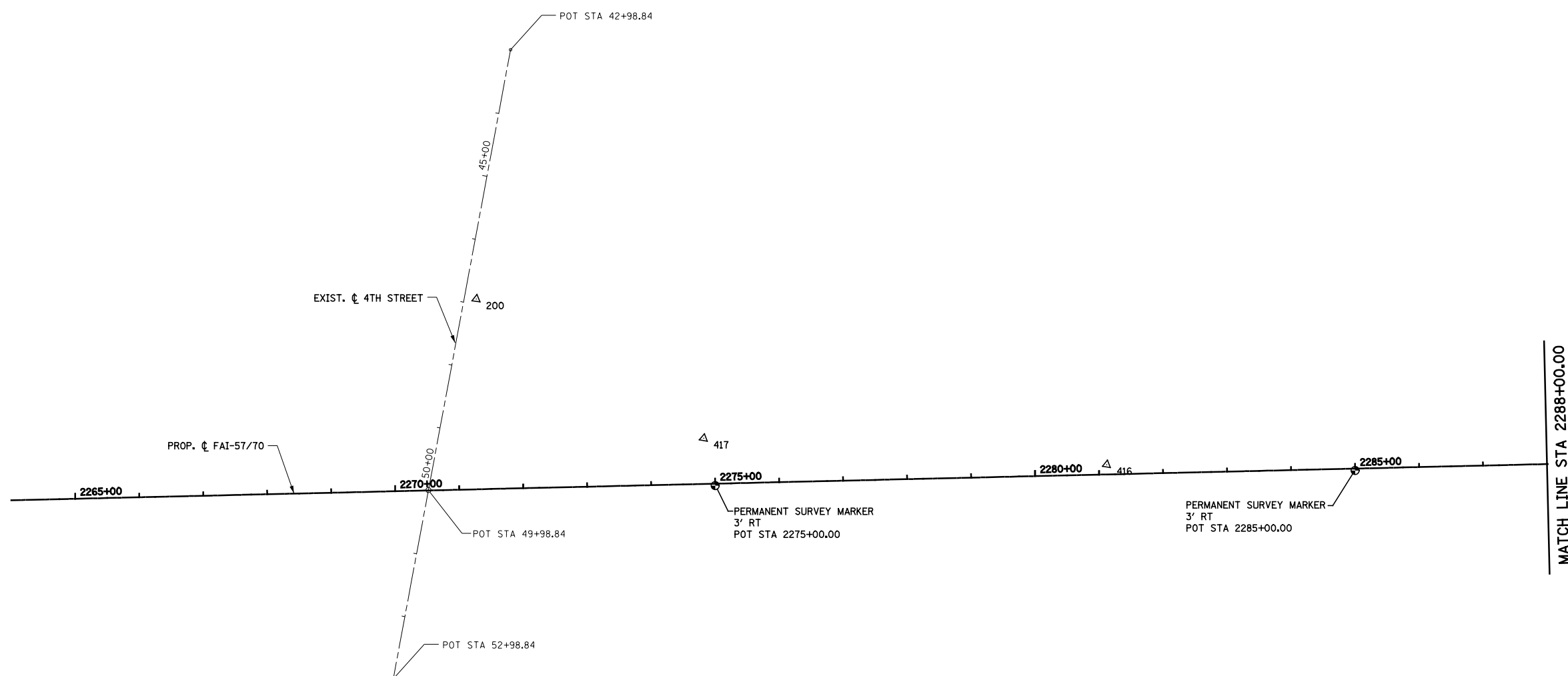
DESIGNED -
 DRAWN -
 CHECKED -
 DATE -
 REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, NORTH TRI LEVEL

SCALE: SHEET NO. 10 OF 10 SHEETS STA. TO STA.

F.A.I. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
 57/70 (25-4R) EFFINGHAM 1760 90
 CONTRACT NO. 74295
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT



CONTROL POINTS

CONTROL POINT	COORDINATE	
	NORTHING	EASTING
200	902394.78	925082.99
417	902242.16	925470.55
416	902310.90	926097.90

EXISTING 4TH STREET

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 42+98.84	902787.14	925068.12
POT STA 49+98.84	902087.17	925061.35
POT STA 52+98.84	901787.18	925058.45

GROUND COORDINATES FOR PERMANENT SURVEY MARKERS

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
I-57/70		
POT STA 2275+00.00	902172.41	925501.21
POT STA 2285+00.00	902369.25	926481.64

PERMANENT SURVEY MARKER



FILE NAME = S:\Projects\403-00072-57-70\dgn\W Trk\lvhct1.nfdgn	USER NAME = \$USER\$	DESIGNED - JWS	REVISED -
	PLOT SCALE = \$SCALE\$	DRAWN - PDB	REVISED -
	PLOT DATE = \$DATE\$	CHECKED - BRM	REVISED -
		DATE - 10-16-0	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HORIZONTAL CONTROL, FAI ROUTES 57/70

SCALE: 1"=100' SHEET NO. 1 OF 12 SHEETS STA. 2264+00.00 TO STA. 2288+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-4)R	EFFINGHAM	1760	91
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 74295	



PROP. US 45
RAMP A CURVE C74
PI STA. = 18+19.85
 $\Delta = 133^\circ 51' 02''$ (RT)
D = 28° 30' 57"
R = 200.93'
T = 471.64'
L = 469.39'
E = 311.73'
 $\theta = 7.90\%$
T.R. = NA
S.E. RUN = 146.00'
P.C. STA. = 13+48.21
P.C.C. STA. = 18+17.59
SE ATTAINED STA. 12+62.21 TO STA 14+08.21 (1.50% TO 7.90%)

PROP. US 45
RAMP A CURVE C73
PI STA. = 19+10.82
 $\Delta = 27^\circ 55' 14''$ (RT)
D = 15° 16' 44"
R = 375.00'
T = 93.22'
L = 182.74'
E = 11.41'
 $\theta = 7.95\%$
T.R. = NA
S.E. RUN = NA
P.C.C. STA. = 18+17.59
P.C.C. STA. = 20+00.33
SE ATTAINED STA. 18+86.30 TO STA 18+87.59 (7.90% TO 7.95%)

PROP. US 45
RAMP A CURVE C49
PI STA. = 21+01.69
 $\Delta = 15^\circ 11' 36''$ (RT)
D = 7° 32' 20"
R = 760.00'
T = 101.36'
L = 201.53'
E = 6.73'
P.C.C. STA. = 20+00.33
P.T. STA. = 22+01.86
SE REMOVED STA. 20+71.86 TO STA 24+01.86 (7.95% TO 3.26%)

PROP. US 45
RAMP C CURVE C-70
PI STA. = 15+58.22
 $\Delta = 15^\circ 06' 14''$ (RT)
D = 7° 32' 20"
R = 760.00'
T = 100.76'
L = 200.35'
E = 6.65'
 $\theta = 8.00\%$
T.R. = NA
S.E. RUN = NA
P.C. STA. = 14+57.46
P.C.C. STA. = 16+57.81
SE ATTAINED STA. 13+16+37 TO STA 15+27.46 (2.00% TO 8.00%)

PROP. US 45
RAMP C CURVE C72
PI STA. = 17+30.86
 $\Delta = 21^\circ 45' 53''$ (RT)
D = 15° 04' 40"
R = 380.00'
T = 73.06'
L = 144.35'
E = 6.96'
 $\theta = 8.00\%$
T.R. = NA
S.E. RUN = NA
P.C.C. STA. = 16+57.81
P.C.C. STA. = 18+02.16
SE REMOVED STA. 17+37.16 TO STA 17+42.88 (8.00% TO 7.75%)

PROP. US 45
RAMP C CURVE C71
PI STA. = 24+89.03
 $\Delta = 145^\circ 14' 17''$ (RT)
D = 26° 38' 57"
R = 215.00'
T = 686.87'
L = 545.00'
E = 504.73'
 $\theta = 7.75\%$
T.R. = NA
S.E. RUN = 145.00'
P.C.C. STA. = 18+02.16
P.T. STA. = 23+47.16
SE REMOVED STA. 22+87.16 TO STA 24+32.16 (7.75% TO 1.50%)

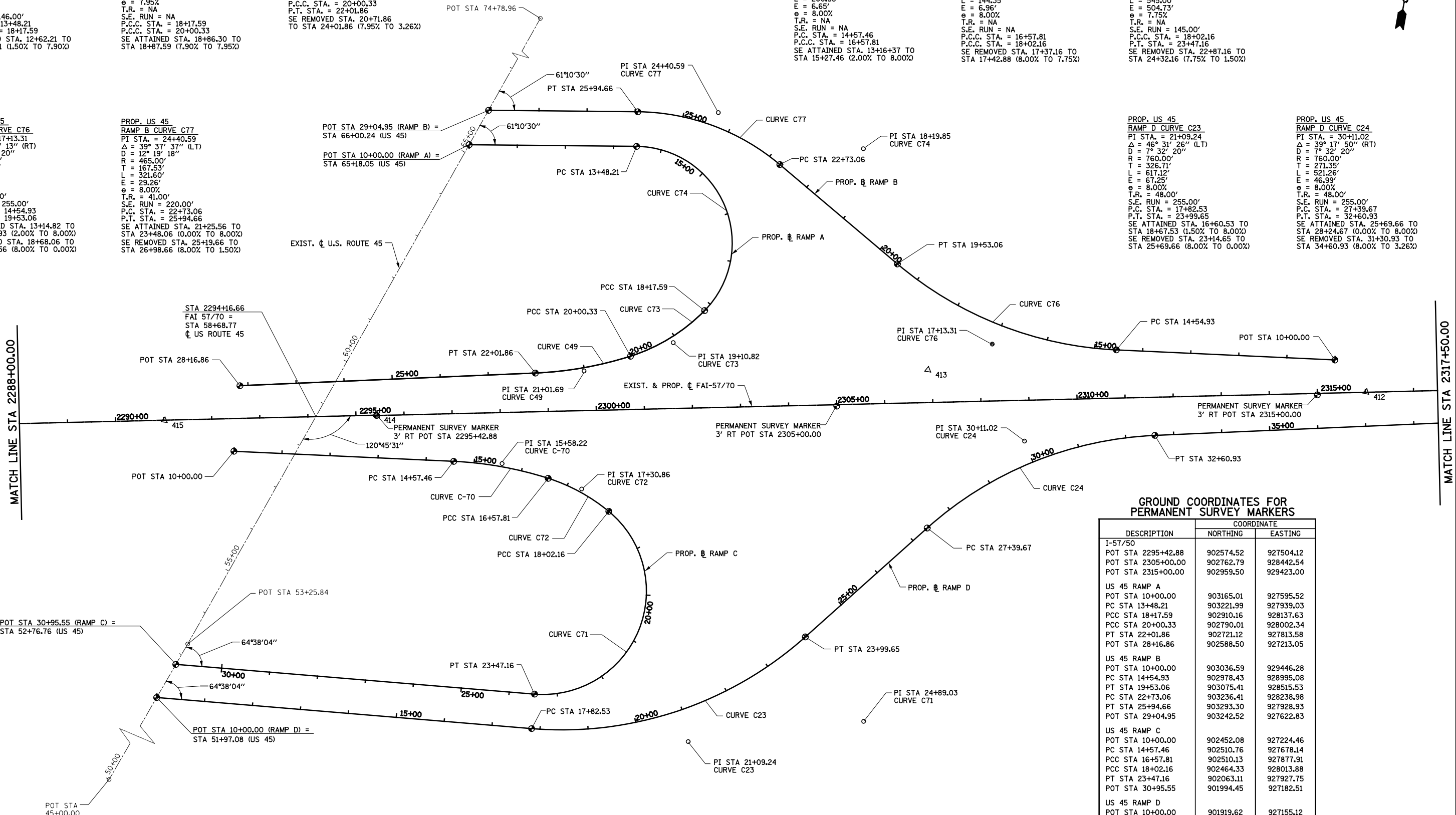
PROP. US 45
RAMP B CURVE C76
PI STA. = 17+13.31
 $\Delta = 37^\circ 33' 13''$ (RT)
D = 7° 32' 20"
R = 760.00'
T = 258.38'
L = 498.13'
E = 42.72'
 $\theta = 8.00\%$
T.R. = 48.00'
S.E. RUN = 255.00'
P.C. STA. = 14+54.93
P.T. STA. = 19+53.06
SE ATTAINED STA. 13+14.82 TO STA 15+24.93 (2.00% TO 8.00%)
SE REMOVED STA. 18+68.06 TO STA 21+25.56 (8.00% TO 0.00%)

PROP. US 45
RAMP B CURVE C77
PI STA. = 24+40.59
 $\Delta = 39^\circ 37' 37''$ (LT)
D = 12° 19' 18"
R = 465.00'
T = 167.53'
L = 321.60'
E = 29.26'
 $\theta = 8.00\%$
T.R. = 41.00'
S.E. RUN = 220.00'
P.C. STA. = 22+73.06
P.T. STA. = 25+94.66
SE ATTAINED STA. 21+25.56 TO STA 23+48.06 (0.00% TO 8.00%)
SE REMOVED STA. 25+19.66 TO STA 26+98.66 (8.00% TO 1.50%)

POT STA 29+04.95 (RAMP B) = STA 66+00.24 (US 45)
POT STA 10+00.00 (RAMP A) = STA 65+18.05 (US 45)

PROP. US 45
RAMP D CURVE C23
PI STA. = 21+09.24
 $\Delta = 46^\circ 31' 26''$ (LT)
D = 7° 32' 20"
R = 760.00'
T = 326.71'
L = 617.12'
E = 67.25'
 $\theta = 8.00\%$
T.R. = 48.00'
S.E. RUN = 255.00'
P.C. STA. = 17+82.53
P.T. STA. = 23+99.65
SE ATTAINED STA. 16+60.53 TO STA 18+47.53 (1.50% TO 8.00%)
SE REMOVED STA. 23+14.65 TO STA 25+69.66 (8.00% TO 0.00%)

PROP. US 45
RAMP D CURVE C24
PI STA. = 30+11.02
 $\Delta = 39^\circ 17' 50''$ (RT)
D = 7° 32' 20"
R = 760.00'
T = 271.35'
L = 521.26'
E = 46.99'
 $\theta = 8.00\%$
T.R. = 48.00'
S.E. RUN = 255.00'
P.C. STA. = 27+39.67
P.T. STA. = 32+60.93
SE ATTAINED STA. 25+69.66 TO STA 28+24.67 (0.00% TO 8.00%)
SE REMOVED STA. 31+30.93 TO STA 34+60.93 (8.00% TO 3.26%)



GROUND COORDINATES FOR PERMANENT SURVEY MARKERS

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
I-57/50		
POT STA 2295+42.88	902574.52	927504.12
POT STA 2305+00.00	902762.79	928442.54
POT STA 2315+00.00	902959.50	929423.00
US 45 RAMP A		
POT STA 10+00.00	903165.01	927595.52
PC STA 13+48.21	903221.99	927939.03
PCC STA 18+17.59	902910.16	928137.63
PCC STA 20+00.33	902790.01	928002.34
PT STA 22+01.86	902721.12	927813.58
POT STA 28+16.86	902588.50	927213.05
US 45 RAMP B		
POT STA 10+00.00	903036.59	929446.28
PC STA 14+54.93	902978.43	928995.08
PT STA 19+53.06	903075.41	928515.53
PC STA 22+73.06	903236.41	928238.98
PT STA 25+94.66	903293.30	927928.93
POT STA 29+04.95	903242.52	927622.83
US 45 RAMP C		
POT STA 10+00.00	902452.08	927224.46
PC STA 14+57.46	902510.76	927678.14
PCC STA 16+57.81	902510.13	927877.91
PCC STA 18+02.16	902464.33	928013.88
PT STA 23+47.16	902063.11	927927.75
POT STA 30+95.55	901994.45	927182.51
US 45 RAMP D		
POT STA 10+00.00	901919.62	927155.12
PC STA 17+82.53	901991.41	927934.35
PT STA 23+99.65	902278.09	928461.78
PC STA 27+39.67	902545.25	928672.11
PT STA 32+60.93	902817.15	929104.89



BENCHMARK * S45:

CHISELED SQUARE IN RAISED CONCRETE
 MEDIAN US ROUTE 45 SOUTH SIDE OF I-57/70
 STA. 51+60.00
 ELEV 588.45

BENCHMARK * 52:

CHISELED SQUARE IN RAISED CONCRETE MEDIAN
 US ROUTE 45 SOUTH SIDE OF I-57/70
 STA. 56+65.00
 ELEV 586.65

BENCHMARK * 14:

CHISELED SQUARE IN RAISED CONCRETE
 MEDIAN US ROUTE 45 NORTH SIDE OF I-57/70
 STA. 60+10.00
 ELEV 592.07

BENCHMARK * N45:

CHISELED SQUARE IN RAISED CONCRETE MEDIAN
 US ROUTE 45 NORTH SIDE OF I-57/70
 STA. 64+00.00
 ELEV 600.56

BENCHMARK * 44:

BRASS DISK ON S. W. CORNER OF ROUTE 45
 BRIDGE ON I57/70 WEST BOUND
 STA. 2291+65.00 7.2' LT
 ELEV 628.87

BENCHMARK * 504:

CHISELED SQUARE ON SIGN BASE ON
 N. SIDE OF I57/70 AT EXIT 162
 STA. 2316+53.00 105.1' LT
 ELEV 601.79

BENCHMARK * 45:

BRASS DISK ON N. E. CORNER OF ROUTE 45
 BRIDGE ON I57/70 EAST BOUND
 STA. 2295+26.00 7.2' RT
 ELEV 628.57

CONTROL POINTS

CONTROL POINT	COORDINATE	
	NORTHING	EASTING
415	902490.21	927071.05
414	902577.46	927503.53
413	902869.40	928616.57
412	902982.33	929521.80

EXISTING & PROPOSED FAI-57/70

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 2295+42.88	902577.46	927503.53

EXISTING US ROUTE 45

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 45+00.00	901265.00	926915.54
POT STA 53+25.84	902040.53	927199.37
POT STA 74+78.96	904071.31	927914.80

PROPOSED US 45 RAMP A

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 10+00.00	903165.01	927595.52
PC STA 13+48.21	903221.99	927939.03
PI STA 18+19.85	903299.17	928404.31
PCC STA 18+17.59	902910.16	928137.63
PCC STA 18+17.59	902910.16	928137.63
PI STA 19+10.82	902833.27	928084.92
PCC STA 20+00.33	902790.01	928002.34
PCC STA 20+00.33	902790.01	928002.34
PI STA 21+01.69	902742.98	927912.55
PT STA 22+01.86	902721.12	927813.58
POT STA 28+16.86	902588.50	927213.05

PROPOSED US 45 RAMP B

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 10+00.00	903036.59	929446.28
PC STA 14+54.93	902978.43	928995.08
PI STA 17+13.31	902945.40	928738.82
PT STA 19+53.06	903075.41	928515.53
PC STA 22+73.06	903236.41	928238.98
PI STA 24+40.59	903320.71	928094.20
PT STA 25+94.66	903293.30	927928.93
POT STA 29+04.95	903242.52	927622.83

PROPOSED US 45 RAMP C

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 10+00.00	902452.08	927224.46
PC STA 14+57.46	902510.76	927678.14
PI STA 15+58.22	902523.69	927778.07
PCC STA 16+57.81	902510.13	927877.91
PCC STA 16+57.81	902510.13	927877.91
PI STA 17+30.86	902500.30	927950.30
PCC STA 18+02.16	902464.33	928013.88
PCC STA 18+02.16	902464.33	928013.88
PI STA 24+89.03	902126.12	928611.72
PT STA 23+47.16	902063.11	927927.75
POT STA 30+95.55	901994.45	927182.51

PROPOSED US 45 RAMP D

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 10+00.00	901919.62	927155.12
PC STA 17+82.53	901991.41	927934.35
PI STA 21+09.24	902021.38	928259.68
PT STA 23+99.65	902278.09	928461.78
PC STA 27+39.67	902545.25	928672.11
PI STA 30+11.02	902758.46	928839.96
PT STA 32+60.93	902817.15	929104.89
POT STA 44+10.77	903065.84	930227.51

PERMANENT SURVEY MARKER

FILE NAME =	USER NAME = \$USER*	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HORIZONTAL CONTROL, FAI ROUTES 57/70	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
S:\Project\03\0007257\70.dgn\1\1\1\1\1.dgn		DRAWN - PDB	REVISED -			57/70	(25-3)R	EFFINGHAM	1760	93	
	PLOT SCALE = \$SCALE*	CHECKED - BRM	REVISED -			CONTRACT NO. 74296					
	PLOT DATE = \$DATE*	DATE - 3-04-08	-			SCALE: 1"=100'	SHEET NO. 3 OF 12 SHEETS	STA. 2036+00.00 TO STA. 2066+00.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	

EXIST. CURVE RT45_RA-2
 PI STA. = 24+86.45
 $\Delta = 26^\circ 37' 49''$ (RT)
 $D = 13^\circ 04' 17''$
 $R = 438.33'$
 $T = 103.74'$
 $L = 203.73'$
 $E = 12.11'$
 P.C.C. STA. = 23+82.71
 P.T. STA. = 25+86.44

EXIST. CURVE RT45_RA-1
 PI STA. = 26+55.34
 $\Delta = 150^\circ 55' 43''$ (RT)
 $D = 25^\circ 41' 38''$
 $R = 223.00'$
 $T = 860.05'$
 $L = 587.41'$
 $E = 665.49'$
 P.C. STA. = 17+95.30
 P.C.C. STA. = 23+82.71

EXIST. CURVE RT45_RC-1
 PI STA. = 28+71.80
 $\Delta = 146^\circ 55' 07''$ (LT)
 $D = 25^\circ 41' 35''$
 $R = 223.00'$
 $T = 750.88'$
 $L = 571.82'$
 $E = 560.29'$
 P.C. STA. = 21+20.92
 P.C.C. STA. = 26+92.74

EXIST. CURVE RT45_RC-2
 PI STA. = 27+96.44
 $\Delta = 26^\circ 37' 16''$ (LT)
 $D = 13^\circ 04' 17''$
 $R = 438.33'$
 $T = 103.70'$
 $L = 203.66'$
 $E = 12.10'$
 P.C.C. STA. = 26+92.74
 P.T. STA. = 28+96.40

EXIST. CURVE RT45_RB-1
 PI STA. = 19+91.73
 $\Delta = 40^\circ 35' 43''$ (RT)
 $D = 10^\circ 17' 10''$
 $R = 557.02'$
 $T = 206.02'$
 $L = 394.66'$
 $E = 36.88'$
 P.C. STA. = 17+85.71
 P.T. STA. = 21+80.37

EXIST. CURVE RT45_RB-2
 PI STA. = 26+90.53
 $\Delta = 36^\circ 31' 17''$ (LT)
 $D = 8^\circ 12' 35''$
 $R = 697.91'$
 $T = 230.28'$
 $L = 444.86'$
 $E = 37.01'$
 P.C. STA. = 24+60.25
 P.T. STA. = 29+05.11

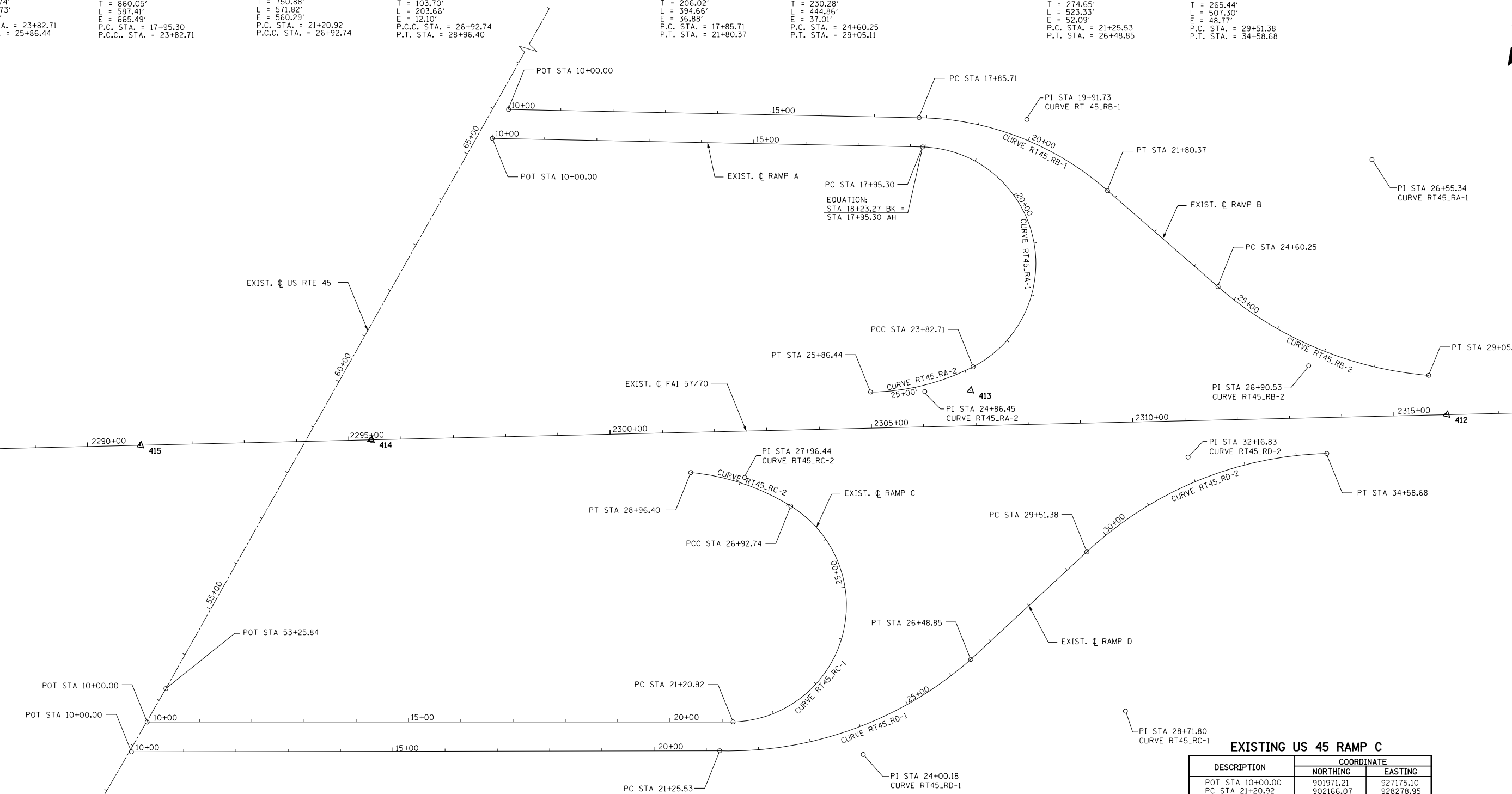
EXIST. CURVE RT45_RD-1
 PI STA. = 24+00.18
 $\Delta = 42^\circ 57' 34''$ (LT)
 $D = 8^\circ 12' 32''$
 $R = 697.97'$
 $T = 274.65'$
 $L = 523.33'$
 $E = 52.09'$
 P.C. STA. = 21+25.53
 P.T. STA. = 26+48.85

EXIST. CURVE RT45_RD-2
 PI STA. = 32+16.83
 $\Delta = 41^\circ 38' 51''$ (RT)
 $D = 8^\circ 12' 35''$
 $R = 697.91'$
 $T = 265.44'$
 $L = 507.30'$
 $E = 48.77'$
 P.C. STA. = 29+51.38
 P.T. STA. = 34+58.68



MATCH LINE STA 2288+00.00

MATCH LINE STA 2317+50.00



EXISTING US ROUTE 45

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 45+00.00	901265.00	926915.54
POT STA 53+25.84	902040.53	927199.37
POT STA 74+78.96	904071.31	927914.80

CONTROL POINTS

CONTROL POINT	COORDINATE	
	NORTHING	EASTING
415	902490.21	927071.05
414	902577.46	927503.53
413	902869.40	928616.57
412	902982.33	929521.80

EXISTING FAI-57/70

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 2295+42.88	902577.46	927503.53

EXISTING US 45 RAMP A

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 10+00.00	903185.83	927631.48
PC STA 17+95.30 AH=	903312.49	928444.94
STA EQUATION		
STA 18+23.27 BK		
PI STA 26+55.34	903437.96	929295.79
PCC STA 23+82.71	902914.87	928613.11
PI STA 24+86.45	902852.27	928530.38
PT STA 25+86.44	902833.39	928428.38

EXISTING US 45 RAMP B

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 10+00.00	903245.56	927652.47
PC STA 17+85.71	903366.44	928428.83
PI STA 19+91.73	903399.14	928632.24
PT STA 21+80.37	903291.60	928807.97
PC STA 24+60.25	903147.41	929047.85
PI STA 26+90.53	903028.50	929245.05
PT STA 29+05.11	903050.30	929474.30

EXISTING US 45 RAMP C

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 10+00.00	901971.21	927175.10
PC STA 21+20.92	902166.07	928278.95
PI STA 28+71.80	902316.82	929014.54
PCC STA 26+92.74	902592.02	928315.91
PI STA 27+96.44	902630.59	908219.65
PT STA 28+96.40	902621.95	928116.31

EXISTING US 45 RAMP D

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 10+00.00	901909.87	927155.33
PC STA 21+25.53	902107.37	928263.39
PI STA 24+00.18	902148.03	928535.01
PT STA 26+48.85	902362.90	928706.09
PC STA 29+51.38	902603.96	928888.89
PI STA 32+16.83	902816.32	929048.14
PT STA 34+58.68	902869.17	929308.27

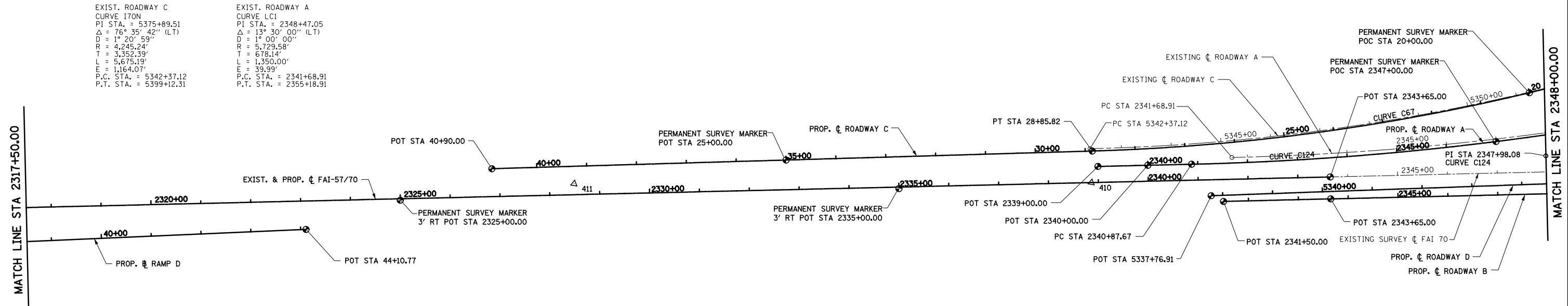


PROP. ROADWAY A
CURVE C124
 PI STA. = 2347+98.08
 $\Delta = 13^\circ 30' 18''$ (LT)
 $D = 0^\circ 57' 18''$
 $R = 6,000.00'$
 $T = 710.41'$
 $L = 1,414.23'$
 $E = 41.91'$
 $\epsilon = 3.22\%$
 $T.R. = 45.00'$
 $S.E. RUN = 96.60'$
 P.C. STA. = 2340+87.67
 P.T. STA. = 2355+01.91
 SE ATTAINED STA. 2339+63.27 TO
 STA 2341+19.87 (2.00% TO 3.22%)
 SE REMOVED STA. 2354+69.71 TO
 STA 2355+79.92 (3.22% TO 0.00%)

PROP. ROADWAY C
CURVE C67
 PI STA. = 19+58.36
 $\Delta = 25^\circ 09' 26''$ (RT)
 $D = 1^\circ 20' 02''$
 $R = 4,295.00'$
 $T = 958.36'$
 $L = 1,885.82'$
 $E = 105.62'$
 $\epsilon = 4.30\%$
 $T.R. = NA$
 $S.E. RUN = NA$
 P.C. STA. = 10+00.00
 P.T. STA. = 28+85.82
 SE REMOVED STA. 25+97.18
 TO STA 30+89.99 (4.30% TO 1.50%)

EXIST. ROADWAY C
CURVE I70N
 PI STA. = 5375+89.51
 $\Delta = 76^\circ 35' 42''$ (LT)
 $D = 1^\circ 20' 59''$
 $R = 4,245.24'$
 $T = 3,352.39'$
 $L = 5,675.19'$
 $E = 1,164.07'$
 P.C. STA. = 5342+37.12
 P.T. STA. = 5399+12.31

EXIST. ROADWAY A
CURVE LC1
 PI STA. = 2348+47.05
 $\Delta = 13^\circ 30' 00''$ (LT)
 $D = 1^\circ 00' 00''$
 $R = 5,729.58'$
 $T = 678.14'$
 $L = 1,350.00'$
 $E = 39.99'$
 P.C. STA. = 2341+68.91
 P.T. STA. = 2355+18.91



CONTROL POINTS

CONTROL POINT	COORDINATE	
	NORTHING	EASTING
411	903249.41	930740.84
410	903431.80	931761.76

BENCHMARK # 503:

CHISELED SQUARE ON SIGN BASE ON
 S. SIDE OF I-57/70
 STA. 2333+48.00 87.4' RT
 ELEV 598.14

BENCHMARK # 502:

CHISELED SQUARE ON DRAIN S.
 SIDE OF I-57 ON RAMP (N. TRI-LEVEL)
 STA. 2347+50.00 55.6' LT
 ELEV 594.54

BENCHMARK # 501:

CHISELED SQUARE ON LIGHT POLE
 BASE N. SIDE I-57/70
 STA. 2345+08.00 44.0' LT
 ELEV 590.10

**EXISTING NORTH TRI
 LEVEL ROADWAY A**

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
PC STA 2341+68.91	903530.29	932030.56
PI STA 2348+47.05	903663.74	932695.44
PT STA 2355+18.91	903948.72	933310.79
PC STA 2356+60.34	904007.71	933438.16
PI STA 2370+35.89	904585.77	934686.35
PT STA 2383+60.34	904534.15	936060.93
PC STA 2385+00.69	904528.89	936201.19
PI STA 2391+78.84	904503.44	936878.85
PT STA 2398+50.69	904636.90	937543.73

**GROUND COORDINATES FOR
 PERMANENT SURVEY MARKERS**

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
I-57/70		
POT STA 2325+00.00	903156.21	930403.46
POT STA 2335+00.00	903352.93	931383.93
POT STA 2343+65.00	903526.02	932231.43
US 45 RAMP D		
POT STA 44+10.77	903065.84	930227.51
ROADWAY A		
POT STA 2339+00.00	903465.93	931769.23
POT STA 2340+00.00	903485.60	931867.27
PC STA 2340+87.67	903502.84	931953.23
POC STA 2347+00.00	903653.69	932546.41
ROADWAY B		
POT STA 2341+50.00	903440.59	932029.29
POT STA 2343+65.00	903482.88	932240.09
ROADWAY C		
POC STA 20+00.00	903761.75	932595.39
PT STA 28+85.82	903494.42	931752.51
POT STA 35+00.00	903369.99	931151.07
POT STA 40+90.00	903250.47	930573.30
ROADWAY D		
POT STA 5337+76.91	903447.53	932002.87

PROPOSED US 45 RAMP D

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 10+00.00	901919.62	927155.12
PC STA 17+82.53	901991.41	927934.35
PI STA 21+09.24	902021.38	928259.68
PT STA 23+99.65	902278.09	928461.78
PC STA 27+39.67	902545.25	928672.11
PI STA 30+11.02	902758.46	928839.96
PT STA 32+60.93	902817.15	929104.89
POT STA 44+10.77	903065.84	930227.51

**PROPOSED NORTH TRI
 LEVEL ROADWAY A**

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 2339+00.00	903465.93	931769.23
POT STA 2340+00.00	903485.60	931867.27
PC STA 2340+87.67	903502.84	931953.23
PI STA 2347+98.08	903642.59	932649.76
PT STA 2355+01.91	903941.13	933294.39

**PROPOSED NORTH TRI
 LEVEL ROADWAY C**

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
PC STA 10+00.00	904263.26	933457.93
PI STA 19+58.36	903688.57	932691.00
PT STA 28+85.82	903494.42	931752.51
POT STA 40+90.00	903250.47	930573.30

EXISTING SURVEY C FAI 70 EAST

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 2295+42.88	902577.46	927503.53
POT STA 2372+66.30	904096.74	935076.05
POT STA 2397+00.73	904575.79	937462.87

EXISTING & PROPOSED FAI-57/70

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 2343+65.00	903526.02	932231.43

**PROPOSED NORTH TRI
 LEVEL ROADWAY B**

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 2341+50.00	903440.59	932029.29
POT STA 2343+65.00	903482.88	932240.09
POT STA 2372+66.30	904053.60	935084.70
POT STA 2397+00.73	904532.65	937471.53

**PROPOSED NORTH TRI
 LEVEL ROADWAY D**

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 5337+76.91	903447.53	932002.87
PC STA 5354+76.91	903801.91	933665.52
PI STA 5360+57.16	903922.87	934233.02
PT STA 5366+03.90	904337.89	934638.55

**EXISTING NORTH TRI
 LEVEL ROADWAY C**

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
PC STA 5342+37.12	903498.25	931747.32
PI STA 5375+89.51	904157.70	935034.21
PT STA 5399+12.31	907507.92	935154.73

PERMANENT SURVEY MARKER



**PROP. ROADWAY A
CURVE C124**
 PI STA. = 2347+98.08
 $\Delta = 13^\circ 30' 18''$ (LT)
 D = $0^\circ 57' 18''$
 R = 6,000.00'
 T = 710.41'
 L = 1,414.23'
 E = 41.91'
 $\theta = 3.22\%$
 T.R. = 45.00'
 S.E. RUN = 96.60'
 P.C. STA. = 2340+87.67
 P.T. STA. = 2355+01.91
 SE ATTAINED STA. 2339+63.27 TO STA 2341+19.87 (2.00% TO 3.22%)
 SE REMOVED STA. 2354+69.71 TO STA 2355+79.92 (3.22% TO 0.00%)

**PROP. ROADWAY A
CURVE C125**
 PI STA. = 2370+35.89
 $\Delta = 27^\circ 00' 00''$ (RT)
 D = $1^\circ 00' 00''$
 R = 5,729.58'
 T = 1,375.55'
 L = 2,700.00'
 E = 162.81'
 $\theta = 3.34\%$
 T.R. = 45.00'
 S.E. RUN = 100.20'
 P.C. STA. = 2356+60.34
 P.T. STA. = 2383+60.34
 SE ATTAINED STA. 2355+79.92 TO STA 2356+93.74 (0.00% TO 3.34%)
 SE REMOVED STA. 2383+26.94 TO STA 2384+30.52 (3.34% TO 0.00%)

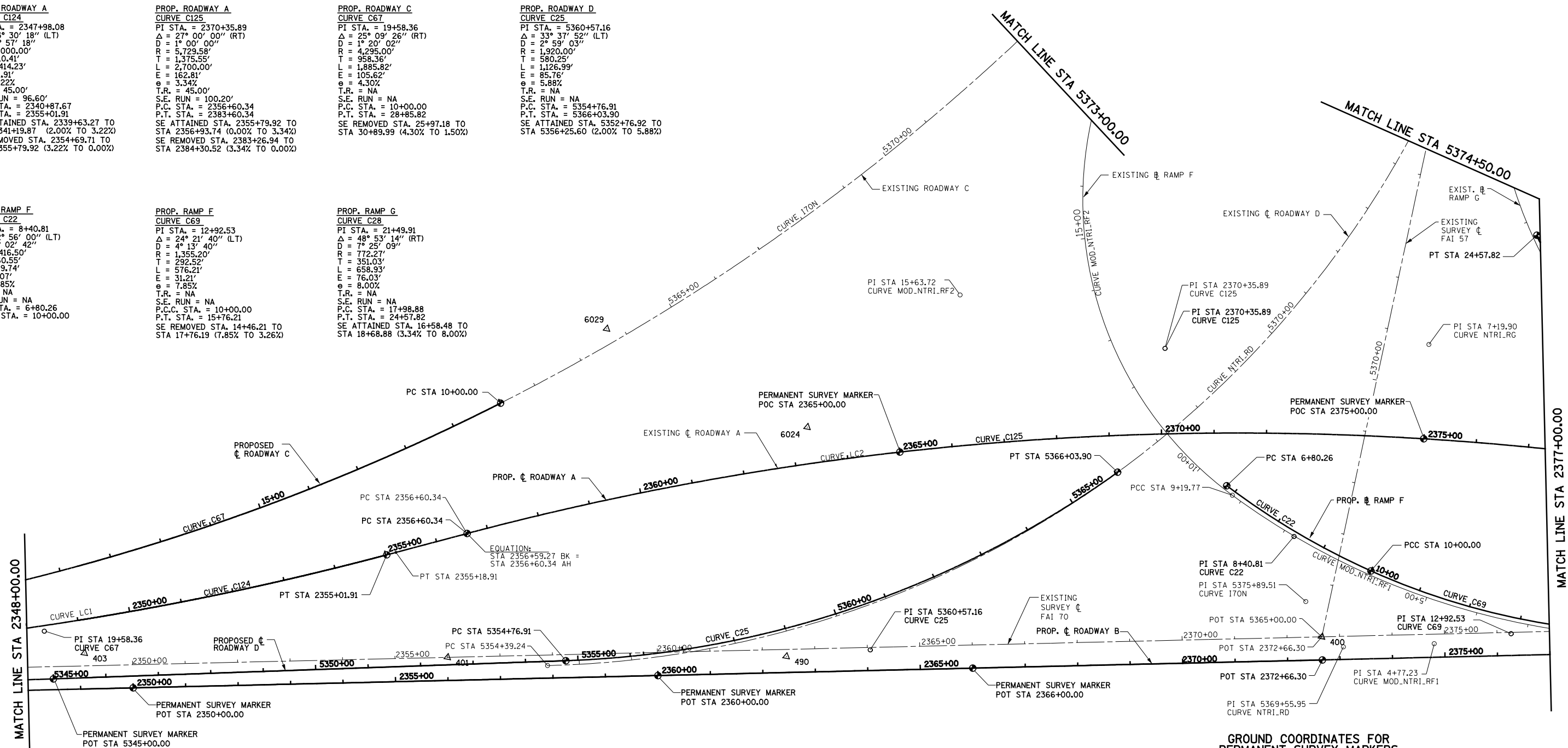
**PROP. ROADWAY C
CURVE C67**
 PI STA. = 19+58.36
 $\Delta = 25^\circ 09' 26''$ (RT)
 D = $1^\circ 20' 02''$
 R = 4,295.00'
 T = 958.36'
 L = 1,885.82'
 E = 105.62'
 $\theta = 4.30\%$
 T.R. = NA
 S.E. RUN = NA
 P.C. STA. = 10+00.00
 P.T. STA. = 28+85.82
 SE REMOVED STA. 25+97.18 TO STA 30+89.99 (4.30% TO 1.50%)

**PROP. ROADWAY D
CURVE C25**
 PI STA. = 5360+57.16
 $\Delta = 33^\circ 37' 52''$ (LT)
 D = $2^\circ 59' 03''$
 R = 1,920.00'
 T = 580.25'
 L = 1,126.99'
 E = 85.76'
 $\theta = 5.88\%$
 T.R. = NA
 S.E. RUN = NA
 P.C. STA. = 5354+76.91
 P.T. STA. = 5366+03.90
 SE ATTAINED STA. 5352+76.92 TO STA 5356+25.60 (2.00% TO 5.88%)

**PROP. RAMP F
CURVE C22**
 PI STA. = 8+40.81
 $\Delta = 12^\circ 56' 00''$ (LT)
 D = $4^\circ 02' 42''$
 R = 1,416.50'
 T = 160.55'
 L = 319.74'
 E = 9.07'
 $\theta = 7.85\%$
 T.R. = NA
 S.E. RUN = NA
 P.C. STA. = 6+80.26
 P.C.C. STA. = 10+00.00

**PROP. RAMP F
CURVE C69**
 PI STA. = 12+92.53
 $\Delta = 24^\circ 21' 40''$ (LT)
 D = $4^\circ 13' 40''$
 R = 1,355.20'
 T = 292.52'
 L = 576.21'
 E = 31.21'
 $\theta = 7.85\%$
 T.R. = NA
 S.E. RUN = NA
 P.C.C. STA. = 10+00.00
 P.T. STA. = 15+76.21
 SE REMOVED STA. 14+46.21 TO STA 17+76.19 (7.85% TO 3.26%)

**PROP. RAMP G
CURVE C28**
 PI STA. = 21+49.91
 $\Delta = 48^\circ 53' 14''$ (RT)
 D = $7^\circ 25' 09''$
 R = 772.27'
 T = 351.03'
 L = 658.93'
 E = 76.03'
 $\theta = 8.00\%$
 T.R. = NA
 S.E. RUN = NA
 P.C. STA. = 17+98.88
 P.T. STA. = 24+57.82
 SE ATTAINED STA. 16+58.48 TO STA 18+68.88 (3.34% TO 8.00%)



GROUND COORDINATES FOR PERMANENT SURVEY MARKERS

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
ROADWAY A		
PT STA 2355+01.91	903941.13	933294.39
PC STA 2356+60.34	904007.71	933438.16
POC STA 2365+00.00	904303.58	934223.16
POC STA 2375+00.00	904501.89	935202.01
ROADWAY B		
POT STA 2350+00.00	903607.79	932862.69
POT STA 2360+00.00	903804.50	933843.15
POT STA 2366+00.00	903922.53	934431.42
POT STA 2372+66.30	904053.60	935084.70
ROADWAY C		
PC STA 10+00.00	904263.26	933457.93
ROADWAY D		
POT STA 5345+00.00	903598.26	932710.07
PC STA 5354+76.91	903801.91	933665.52
PT STA 5366+03.90	904337.89	934638.55
RAMP F		
PC STA 6+80.26	904348.74	934847.66
PCC STA 10+00.00	904236.57	935146.36
RAMP G		
PT STA 24+57.82	904920.95	935346.67

**EXIST. ROADWAY A
CURVE LC1**
 PI STA. = 2348+47.05
 $\Delta = 13^\circ 30' 00''$ (LT)
 D = $1^\circ 00' 00''$
 R = 5,729.58'
 T = 678.14'
 L = 1,350.00'
 E = 39.99'
 P.C. STA. = 2341+68.91
 P.T. STA. = 2355+18.91

**EXIST. ROADWAY A
CURVE LC2**
 PI STA. = 2370+35.89
 $\Delta = 27^\circ 00' 00''$ (RT)
 D = $1^\circ 00' 00''$
 R = 5,729.58'
 T = 1,375.55'
 L = 2,700.00'
 E = 162.81'
 P.C. STA. = 2356+60.34
 P.T. STA. = 2383+60.34

**EXIST. ROADWAY C
CURVE I70N**
 PI STA. = 5375+89.51
 $\Delta = 76^\circ 35' 42''$ (LT)
 D = $1^\circ 20' 59''$
 R = 4,245.24'
 T = 3,352.39'
 L = 1,164.07'
 E = 1,164.07'
 P.C. STA. = 5342+37.12
 P.T. STA. = 5399+12.31

**EXIST. ROADWAY D
CURVE NTRI_RD**
 PI STA. = 5369+55.95
 $\Delta = 76^\circ 36' 19''$ (LT)
 D = $2^\circ 59' 01''$
 R = 1,920.30'
 T = 1,516.71'
 L = 2,567.47'
 E = 526.73'
 P.C. STA. = 5354+39.24
 P.T. STA. = 5380+06.71

**EXIST. RAMP F
CURVE MOD_NTRI_RF1**
 PI STA. = 4+77.23
 $\Delta = 37^\circ 42' 09''$ (RT)
 D = $4^\circ 05' 57''$
 R = 1,397.76'
 T = 477.23'
 L = 919.77'
 E = 79.22'
 P.C. STA. = 0+00.00
 P.C.C. STA. = 9+19.77

**EXIST. RAMP F
CURVE MOD_NTRI_RF2**
 PI STA. = 15+63.72
 $\Delta = 85^\circ 16' 42''$ (RT)
 D = $8^\circ 11' 35''$
 R = 699.33'
 T = 643.95'
 L = 1,040.88'
 E = 251.32'
 P.C. STA. = 9+19.77
 P.T. STA. = 19+60.65

**EXIST. RAMP G
CURVE NTRI_RG**
 PI STA. = 7+19.90
 $\Delta = 82^\circ 21' 33''$ (RT)
 D = $6^\circ 57' 45''$
 R = 822.93'
 T = 719.90'
 L = 1,182.91'
 E = 270.45'
 P.C. STA. = 0+00.00
 P.T. STA. = 11+82.91

PERMANENT SURVEY MARKER

BENCHMARK * 15:
 CHISELED SQUARE SOUTH FOUNDATION
 OVERHEAD SIGN I-70 EB/I-57 NB MAINLINE
 STA. 2358+50.00 87' RT
 ELEV 608.54

BENCHMARK * 17:
 CHISELED SQUARE TOP OF PARAPET WALL AT
 NORTHWEST CORNER OF LEVEL 2 BRIDGE ON RAMP
 I-70 EB TO I-57 NB
 ELEV 623.69

BENCHMARK * NS7:
 CHISELED SQUARE TOP OF PARAPET WALL
 SOUTHWEST CORNER FLYOVER BRIDGE ON RAMP
 I-57 SB TO I-70 EB
 ELEV 646.02

BENCHMARK * 16:
 CHISELED SQUARE TOP OF PARAPET WALL AT
 SOUTHEAST CORNER OF LEVEL 2 BRIDGE ON RAMP
 I-70 EB TO I-57 NB
 ELEV 624.83

BENCHMARK * NS6:
 CHISELED SQUARE TOP OF PARAPET WALL
 NORTHEAST CORNER FLYOVER BRIDGE ON RAMP
 I-57 SB TO I-70 EB
 ELEV 644.86

**PROPOSED NORTH TRI
 LEVEL ROADWAY C**

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
PC STA 10+00.00	904263.26	933457.93
PI STA 19+50.36	903688.57	932691.00
PT STA 28+85.82	903494.42	931752.51
POT STA 40+90.00	903250.47	930573.30

**EXISTING NORTH TRI
 LEVEL ROADWAY C**

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
PC STA 5342+37.12	903498.25	931747.32
PI STA 5375+89.51	904157.70	935034.21
PT STA 5399+12.31	907507.92	935154.73

**EXISTING NORTH TRI
 LEVEL RAMP G**

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
PC STA 0+00.00	904569.89	935891.51
PI STA 7+19.90	904680.46	935180.15
PT STA 11+82.91	905400.21	935195.16

PROPOSED NORTH TRI LEVEL ROADWAY A

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 2339+00.00	903465.93	931769.23
POT STA 2340+00.00	903485.60	931867.27
PC STA 2340+87.67	903502.84	931953.23
PI STA 2347+98.08	903642.59	932649.76
PT STA 2355+01.91	903941.13	933294.39
PC STA 2356+60.34	904007.71	933438.16
PI STA 2370+35.89	904585.77	934686.35
PT STA 2383+60.34	904534.15	936060.93
PC STA 2385+00.69	904528.89	936201.19
PI STA 2391+78.84	904503.44	936878.85
PT STA 2398+50.69	904636.90	937543.73

**PROPOSED NORTH TRI
 LEVEL RAMP G**

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
PC STA 10+00.00	904544.64	936694.67
PI STA 11+07.75	904542.44	936586.94
PT STA 12+15.39	904548.87	936479.39
PC STA 12+99.13	904553.86	936395.79
PI STA 14+79.04	904564.60	936216.20
PT STA 16+58.88	904583.21	936037.27
PC STA 17+98.88	904597.70	935898.02
PI STA 21+49.91	904634.02	935548.87
PT STA 24+57.82	904920.95	935346.67

**EXISTING NORTH TRI
 LEVEL ROADWAY D**

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
PC STA 5354+39.24	903786.77	933632.72
PI STA 5369+55.95	904085.12	935119.80
PT STA 5380+06.71	905600.85	935174.05

**EXISTING NORTH TRI
 LEVEL SURVEY C FAI 57**

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 5365+00.00	904096.74	935076.05

CONTROL POINTS

CONTROL POINT	COORDINATE	
	NORTHING	EASTING
400	904096.74	935076.05
401	903769.03	933442.53
490	903882.88	934077.97
403	903656.89	932759.96
6024	904319.73	934041.46
6029	904437.79	933632.59

**PROPOSED NORTH TRI
 LEVEL ROADWAY D**

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
PC STA 5354+76.91	903801.91	933665.52
PI STA 5360+57.16	903922.87	934233.02
PT STA 5366+03.90	904337.89	934638.55

**EXISTING NORTH TRI
 LEVEL ROADWAY A**

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
PC STA 2341+68.91	903530.29	932030.56
PI STA 2348+47.05	903663.74	932695.44
PT STA 2355+18.91	903948.72	933310.79
PC STA 2356+60.34	904007.71	933438.16
PI STA 2370+35.89	904585.77	934686.35
PT STA 2383+60.34	904534.15	936060.93
PC STA 2385+00.69	904528.89	936201.19
PI STA 2391+78.84	904503.44	936878.85
PT STA 2398+50.69	904636.90	937543.73

**EXISTING NORTH TRI
 LEVEL RAMP F**

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
PC STA 0+00.00	904215.28	935757.05
PI STA 4+77.23	904121.10	935289.21
PCC STA 9+19.77	904332.70	934861.45
PCC STA 9+19.77	904332.70	934861.45
PCC STA 9+19.77	904332.70	934861.45
PI STA 15+63.72	904618.22	934284.26
PT STA 19+60.65	905216.95	934521.30

EXISTING C FAI 70 EAST

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 2372+66.30	904096.74	935076.05
POT STA 2397+00.73	904575.79	937462.87

PROPOSED NORTH TRI LEVEL ROADWAY B

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 2341+50.00	903440.59	932029.29
POT STA 2343+65.00	903482.88	932240.09
POT STA 2372+66.30	904053.60	935084.70
POT STA 2397+00.73	904532.65	937471.53

**PROPOSED NORTH TRI
 LEVEL RAMP F**

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
PC STA 6+80.26	904348.74	934847.66
PI STA 8+40.81	904275.73	934990.65
PCC STA 10+00.00	904236.57	935146.36
PCC STA 10+00.00	904236.57	935146.36
PI STA 12+92.53	904165.23	935430.05
PT STA 15+76.21	904217.25	935717.91
POT STA 21+91.22	904326.63	936323.11

PERMANENT SURVEY MARKER

FILE NAME =	USER NAME = *USER*	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HORIZONTAL CONTROL, FAI ROUTES 57/70	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\Project\03\0007257\70.dgn\1\Trk\NetLdgp	DRAWN - PDB	REVISED -	57/70			(25-3)R	EFFINGHAM	1760	97	
PLOT SCALE = *SCALE*	CHECKED - BRM	REVISED -	CONTRACT NO. 74296							
PLOT DATE = *DATE*	DATE - 3-04-08	-	SCALE: 1"=100'			SHEET NO. 7 OF 12 SHEETS	STA. 2036+00.00 TO STA. 2066+00.00	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT

**PROP. ROADWAY A
CURVE C125**
 PI STA. = 2370+35.89
 $\Delta = 27^{\circ} 00' 00''$ (RT)
 D = 1' 00' 00"
 R = 5,729.58'
 T = 1,375.55'
 L = 2,700.00'
 E = 162.81'
 $e = 3.34\%$
 T.R. = 45.00'
 S.E. RUN = 100.20'
 P.C. STA. = 2356+60.34
 P.T. STA. = 2383+60.34
 SE ATTAINED STA. 2355+79.92 TO
 STA 2356+93.74 (0.00% TO 3.34%)
 SE REMOVED STA. 2383+26.94 TO
 STA 2384+30.52 (3.34% TO 0.00%)

**PROP. ROADWAY A
CURVE C126**
 PI STA. = 2391+78.84
 $\Delta = 13^{\circ} 30' 00''$ (LT)
 D = 1' 00' 00"
 R = 5,729.58'
 T = 678.14'
 L = 1,350.00'
 E = 39.99'
 $e = 3.34\%$
 T.R. = 167.50'
 S.E. RUN = 1,150.30'
 P.C. STA. = 2385+00.69
 P.T. STA. = 2398+50.69
 SE ATTAINED STA. 2384+30.52 TO
 STA 2385+34.09 (0.00% TO 3.34%)
 SE REMOVED STA. 2398+00.59 TO
 STA 2399+59.73 (7.0% TO 1.50%)

**PROP. RAMP F
CURVE C69**
 PI STA. = 12+92.53
 $\Delta = 24^{\circ} 21' 40''$ (LT)
 D = 4' 13' 40"
 R = 1,355.20'
 T = 292.52'
 L = 576.21'
 E = 31.21'
 $e = 7.85\%$
 T.R. = NA
 S.E. RUN = NA
 P.C. STA. = 10+00.00
 P.T. STA. = 15+76.21
 SE REMOVED STA. 14+46.21
 TO STA 17+76.19 (7.85% TO 3.26%)

**PROP. RAMP G
CURVE C104**
 PI STA. = 11+07.75
 $\Delta = 4^{\circ} 35' 25''$ (RT)
 D = 2' 07' 52"
 R = 2,688.39'
 T = 107.75'
 L = 215.39'
 E = 2.16'
 $e = 1.98\%$
 P.C. STA. = 10+00.00
 P.T. STA. = 12+15.39

**PROP. RAMP G
CURVE C103**
 PI STA. = 14+79.04
 $\Delta = 2^{\circ} 31' 09''$ (RT)
 D = 2' 07' 01"
 R = 8,182.03'
 T = 179.90'
 L = 359.75'
 E = 1.98'
 $e = 1.98\%$
 P.C. STA. = 12+99.13
 P.T. STA. = 16+58.88

**PROP. RAMP G
CURVE C28**
 PI STA. = 21+49.91
 $\Delta = 48^{\circ} 53' 14''$ (RT)
 D = 7' 25' 09"
 R = 772.27'
 T = 351.03'
 L = 658.93'
 E = 76.03'
 $e = 8.00\%$
 T.R. = NA
 S.E. RUN = NA
 P.C. STA. = 17+98.88
 P.T. STA. = 24+57.82
 SE ATTAINED STA. 16+58.48 TO
 STA 18+68.88 (3.34% TO 8.00%)

**EXIST. ROADWAY A
CURVE LC2**
 PI STA. = 2370+35.89
 $\Delta = 27^{\circ} 00' 00''$ (RT)
 D = 1' 00' 00"
 R = 5,729.58'
 T = 1,375.55'
 L = 2,700.00'
 E = 162.81'
 $e = 3.34\%$
 P.C. STA. = 2356+60.34
 P.T. STA. = 2383+60.34

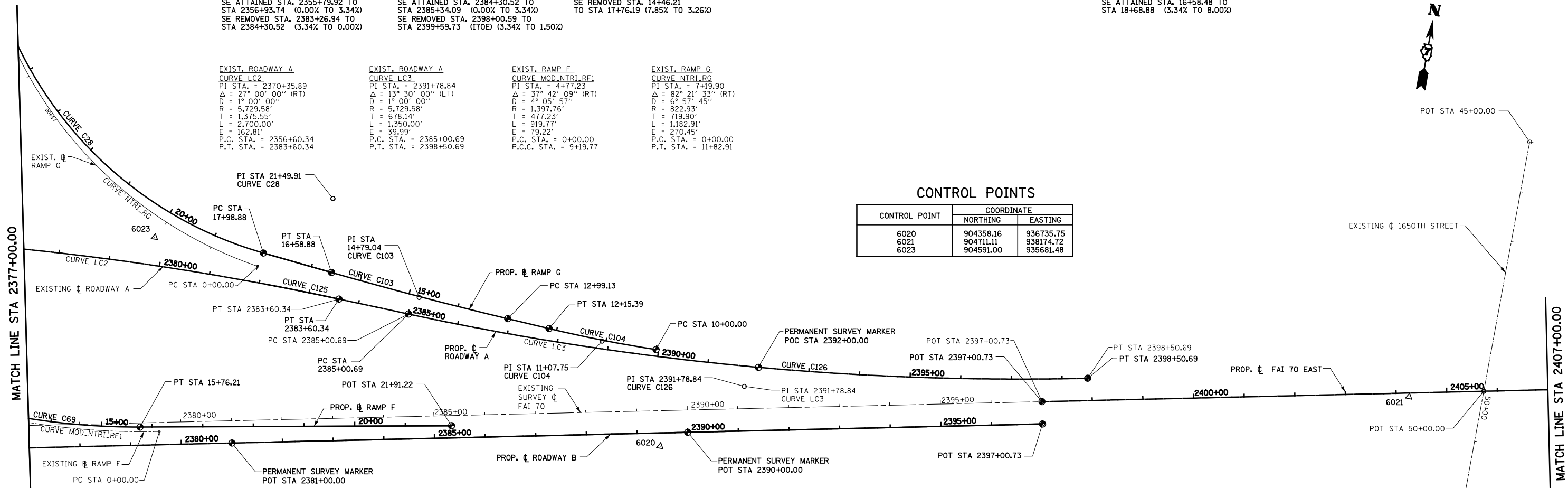
**EXIST. ROADWAY A
CURVE LC3**
 PI STA. = 2391+78.84
 $\Delta = 13^{\circ} 30' 00''$ (LT)
 D = 1' 00' 00"
 R = 5,729.58'
 T = 678.14'
 L = 1,350.00'
 E = 39.99'
 $e = 3.34\%$
 P.C. STA. = 2385+00.69
 P.T. STA. = 2398+50.69

**EXIST. RAMP F
CURVE MOD.NTRI.RF1**
 PI STA. = 4+77.23
 $\Delta = 37^{\circ} 42' 09''$ (RT)
 D = 4' 05' 57"
 R = 1,397.76'
 T = 477.23'
 L = 919.77'
 E = 79.22'
 $e = 7.85\%$
 P.C. STA. = 0+00.00
 P.C.C. STA. = 9+19.77

**EXIST. RAMP G
CURVE NTRI.RG**
 PI STA. = 7+19.90
 $\Delta = 82^{\circ} 21' 33''$ (RT)
 D = 6' 57' 45"
 R = 822.93'
 T = 719.90'
 L = 1,182.91'
 E = 270.45'
 $e = 1.98\%$
 P.C. STA. = 0+00.00
 P.T. STA. = 11+82.91

CONTROL POINTS

CONTROL POINT	COORDINATE	
	NORTHING	EASTING
6020	904358.16	936735.75
6021	904711.11	938174.72
6023	904591.00	935681.48



**PROPOSED NORTH TRI
LEVEL ROADWAY A**

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 2339+00.00	903465.93	931769.23
POT STA 2340+00.00	903485.60	931867.27
PC STA 2340+87.67	903502.84	931953.23
PI STA 2347+98.08	903642.59	932649.76
PT STA 2355+01.91	903941.13	933294.39
PC STA 2356+60.34	904007.71	933438.16
PI STA 2370+35.89	904585.77	934686.35
PT STA 2383+60.34	904534.15	936060.93
PC STA 2385+00.69	904528.89	936201.19
PI STA 2391+78.84	904503.44	936878.85
PT STA 2398+50.69	904636.90	937543.73

**PROPOSED NORTH TRI
LEVEL RAMP F**

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
PC STA 6+80.26	904348.74	934847.66
PI STA 8+40.81	904275.73	934990.65
PCC STA 10+00.00	904236.57	935146.36
PCC STA 10+00.00	904236.57	935146.36
PI STA 12+92.53	904165.23	935430.05
PT STA 15+76.21	904217.25	935717.91
POT STA 21+91.22	904326.63	936323.11

**EXISTING NORTH TRI
LEVEL ROADWAY A**

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
PC STA 2341+68.91	903530.29	932030.56
PI STA 2348+47.05	903663.74	932695.44
PT STA 2355+18.91	903948.72	933310.79
PC STA 2356+60.34	904007.71	933438.16
PI STA 2370+35.89	904585.77	934686.35
PT STA 2383+60.34	904534.15	936060.93
PC STA 2385+00.69	904528.89	936201.19
PI STA 2391+78.84	904503.44	936878.85
PT STA 2398+50.69	904636.90	937543.73

**EXISTING NORTH TRI
LEVEL RAMP G**

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
PC STA 0+00.00	904569.89	935891.51
PI STA 7+19.90	904680.46	935180.15
PT STA 11+82.91	905400.21	935195.16

**GROUND COORDINATES FOR
PERMANENT SURVEY MARKERS**

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
ROADWAY A		
PT STA 2383+60.34	904534.15	936060.93
PC STA 2385+00.69	904528.89	936201.19
PCC STA 2392+00.00	904545.30	936899.87
PT STA 2398+50.69	904636.90	937543.73
ROADWAY B		
POT STA 2381+00.00	904217.66	935902.10
POT STA 2390+00.00	904394.76	936784.51
POT STA 2397+00.73	904532.65	937471.53
RAMP F		
PT STA 15+76.21	904217.25	935717.91
POT STA 21+91.22	904326.63	936323.12
RAMP G		
PC STA 10+00.00	904544.64	936694.67
PT STA 12+15.39	904548.87	936479.39
PC STA 12+99.13	904553.86	936395.79
PT STA 16+58.88	904583.21	936037.27
PC STA 17+98.88	904597.70	935898.02
I TOE		
POT STA 2397+00.73	904575.79	937462.88

**PROPOSED NORTH TRI
LEVEL ROADWAY B**

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 2341+50.00	903440.59	932029.29
POT STA 2343+65.00	903482.88	932240.09
POT STA 2372+66.30	904053.60	935084.70
POT STA 2397+00.73	904532.65	937471.53

**PROPOSED NORTH TRI
LEVEL RAMP G**

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
PC STA 10+00.00	904544.64	936694.67
PI STA 11+07.75	904542.44	936586.94
PT STA 12+15.39	904548.87	936479.39
PC STA 12+99.13	904553.86	936395.79
PI STA 14+79.04	904564.60	936216.20
PT STA 16+58.88	904583.21	936037.27
PC STA 17+98.88	904597.70	935898.02
PI STA 21+49.91	904634.02	935548.87
PT STA 24+57.82	904920.95	935346.67

**EXISTING NORTH TRI
LEVEL RAMP F**

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
PC STA 0+00.00	904215.28	935757.05
PI STA 4+77.23	904121.10	935289.21
PCC STA 9+19.77	904332.70	934861.45
PC STA 9+19.77	904332.70	934861.45
PI STA 15+63.72	904618.22	934284.26
PT STA 19+60.65	905216.95	934521.30

EXISTING & PROPOSED FAI 70 EAST

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 2397+00.73	904575.79	937462.87
POT STA 2416+99.66	904969.17	939422.71
POT STA 2437+00.92	905362.54	941384.93

EXISTING 1650TH STREET

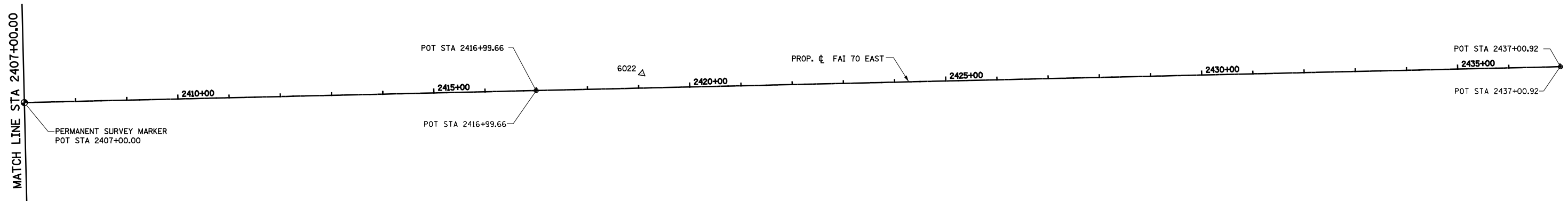
DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 45+00.00	905247.48	938322.09
POT STA 50+00.00	904747.50	938318.33
POT STA 55+00.00	904247.51	938314.57

BENCHMARK * 4:

CHISELED SQUARE SOUTH CONCRETE FOUNDATION
 TO OVERHEAD SIGN TRUSS I-70 WB
 APPROXIMATE STA. 2383+00.00 RT
 ELEV 605.28

PERMANENT SURVEY MARKER





CONTROL POINTS

CONTROL POINT	COORDINATE	
	NORTHING	EASTING
6022	904989.29	939629.20

EXISTING & PROPOSED FAI 70 EAST

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 2397+00.73	904575.79	937462.87
POT STA 2416+99.66	904969.17	939422.71
POT STA 2437+00.92	905362.54	941384.93

BENCHMARK * 2:

CHISELED SQUARE SOUTH CONCRETE FOUNDATION
TO OVERHEAD SIGN TRUSS I-70 WB
STA. 2408+00.00
ELEV 607.16

BENCHMARK * 3:

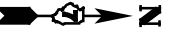
CHISELED SQUARE MEDIAN CONCRETE FOUNDATION
TO OVERHEAD SIGN TRUSS I-70
STA. 2433+00.00
ELEV 594.32

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
I 70E POT STA 2407+00.00	904772.44	938442.60

PERMANENT SURVEY MARKER



FILE NAME = S:\Project\03\0007251-70.dgn\11 Trk\NetLid.dgn	USER NAME = *USER*	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HORIZONTAL CONTROL, FAI ROUTES 57/70		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = *SCALE*	CHECKED - BRM	REVISED -				57/70	(25-4)R	EFFINGHAM	1760	99	
PLOT DATE = *DATE*	DATE - 10-16-08	REVISED -		SCALE: 1"=100'	SHEET NO. 9 OF 12 SHEETS	STA. 2407+00.00 TO STA. 2437+00.92	CONTRACT NO. 74295					
							FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT				

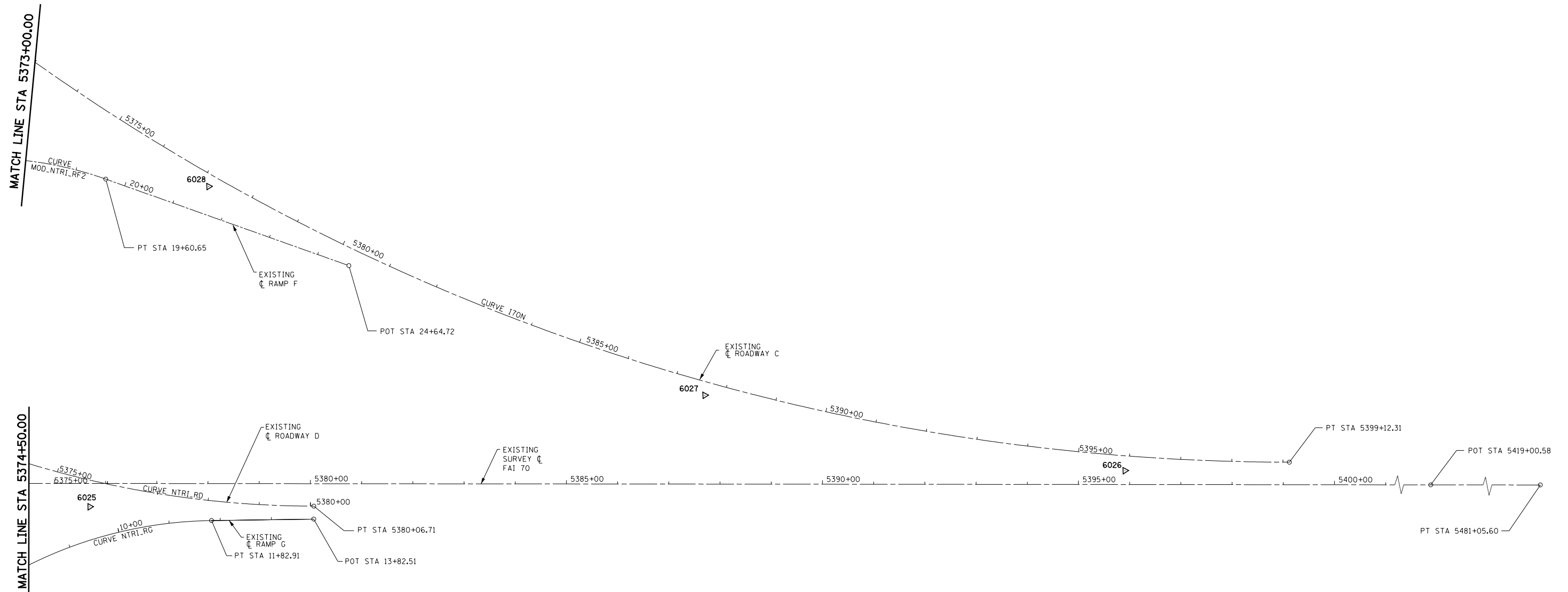


EXIST. ROADWAY C
 CURVE I70N
 PI STA. = 5375+89.51
 $\Delta = 76^\circ 35' 42''$ (LT)
 $D = 1^\circ 20' 59''$
 $R = 4,245.24'$
 $T = 3,352.39'$
 $L = 5,675.19'$
 $E = 1,164.07'$
 P.C. STA. = 5342+37.12
 P.T. STA. = 5399+12.31

EXIST. ROADWAY D
 CURVE NTRI_RD
 PI STA. = 5369+55.95
 $\Delta = 76^\circ 36' 19''$ (LT)
 $D = 2^\circ 59' 01''$
 $R = 1,920.30'$
 $T = 1,516.71'$
 $L = 2,567.47'$
 $E = 526.73'$
 P.C. STA. = 5354+39.24
 P.T. STA. = 5380+06.71

EXIST. RAMP F
 CURVE MOD_NTRI_RF2
 PI STA. = 15+63.72
 $\Delta = 85^\circ 16' 42''$ (RT)
 $D = 8^\circ 11' 35''$
 $R = 699.33'$
 $T = 643.95'$
 $L = 1,040.88'$
 $E = 251.32'$
 P.C. STA. = 9+19.77
 P.T. STA. = 19+60.65

EXIST. RAMP G
 CURVE NTRI_RG
 PI STA. = 7+19.90
 $\Delta = 82^\circ 21' 33''$ (RT)
 $D = 6^\circ 57' 45''$
 $R = 822.93'$
 $T = 719.90'$
 $L = 1,182.91'$
 $E = 270.45'$
 P.C. STA. = 0+00.00
 P.T. STA. = 11+82.91



EXISTING NORTH TRI
 LEVEL ROADWAY C

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
PC STA 5342+37.12	903498.25	931747.32
PI STA 5375+89.51	904157.70	935034.21
PT STA 5399+12.31	907507.92	935154.73

EXISTING NORTH TRI
 LEVEL ROADWAY D

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
PC STA 5354+39.24	903786.77	933632.72
PI STA 5369+55.95	904085.12	935119.80
PT STA 5380+06.71	905600.85	935174.05

CONTROL POINTS

CONTROL POINT	COORDINATE	
	NORTHING	EASTING
6025	905163.59	935160.06
6026	907186.37	935160.13
6027	906371.58	934984.26
6028	905417.49	634542.80

EXISTING NORTH TRI
 LEVEL RAMP F

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
PCC STA 9+19.77	904332.70	934861.45
PI STA 15+63.72	904618.22	934284.26
PT STA 19+60.65	905216.95	934521.30
POT STA 24+64.72	905685.63	934706.86

EXISTING NORTH TRI
 LEVEL RAMP G

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
PC STA 0+00.00	904569.89	935891.51
PI STA 7+19.90	904680.46	935180.15
PT STA 11+82.91	905400.21	935195.16
POT STA 13+82.51	905599.76	935199.32

EXISTING NORTH TRI
 LEVEL SURVEY C FAI 57

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 5419+00.58	909493.83	935270.20
POT STA 5481+05.60	915694.87	935492.43

BENCHMARK * 6:

CHISELED SQUARE NORTHWEST CONCRETE
 FOUNDATION TO OVERHEAD SIGN TRUSS I-57 SB
 APPROXIMATE STA. 5381+50.00 LT
 ELEV 611.40

BENCHMARK * 5:

CHISELED SQUARE WEST CONCRETE FOUNDATION
 TO OVERHEAD SIGN TRUSS I-57 SB
 APPROXIMATE STA. 5407+00.00 LT
 ELEV 614.50

PERMANENT SURVEY MARKER



FILE NAME = S:\Project\03\000725\70.dgn\11 Trd\NetLdgn	USER NAME = *USER*	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HORIZONTAL CONTROL, FAI ROUTES 57/70			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = *SCALE*	DRAWN - PDB	REVISED -					57/70	(25-4R)	EFFINGHAM	1760	100	
	PLOT DATE = *DATE*	CHECKED - BRM	REVISED -		SCALE: 1"=100'			SHEET NO. 10 OF 12 SHEETS		STA. 5373+00.00 TO STA. 5400+40.00		CONTRACT NO. 74295	
		DATE - 10-16-08	REVISED -		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT						