

02-28-14 LETTING ITEM 038

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

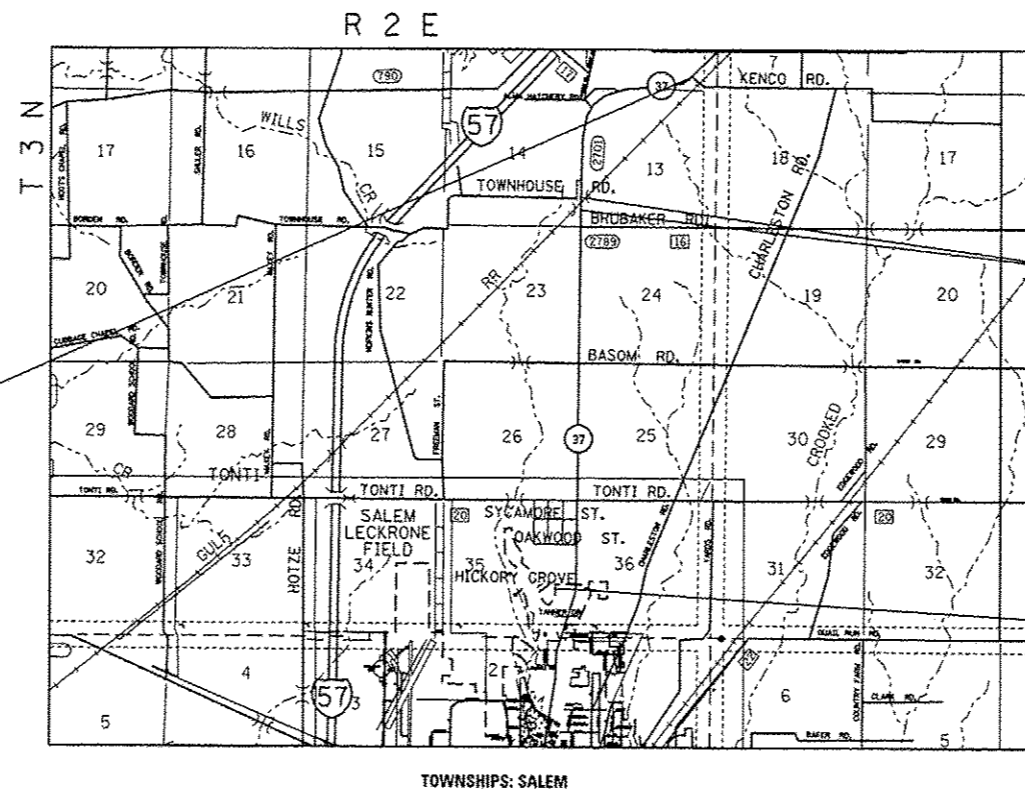
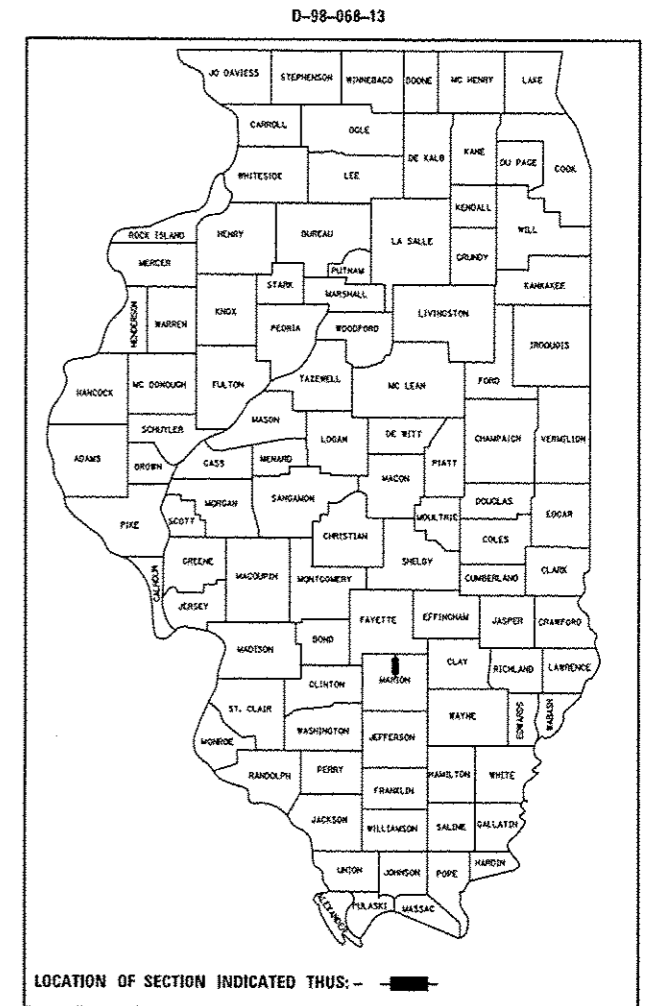
**PROPOSED
HIGHWAY PLANS**

FAS 2701 ROUTE (IL 37)
SECTION 105,106-1
PROJECT ACHSIP-2701(103)
HSIP - SHOULDERS & MILLED RUMBLE STRIPS
MARION COUNTY

C-98-070-13

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2701	105,106-1	MARION	9	1
		ILLINOIS	CONTRACT NO. 76G69	

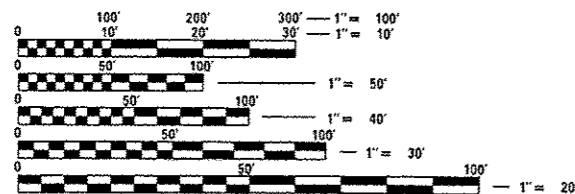
FOR INDEX OF SHEETS, SEE SHEET NO. 2



BEGIN PROJECT:
STA. 348 + 11
LAT: 38.708653
LONG: -88.925235

BRIDGE OMISSION:
STA. 427 + 31 TO
STA. 429 + 45

END PROJECT:
STA. 590 + 46
LAT: 38.653964
LONG: -88.940263



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: MIKE PRITCHETT (618)-346-3180
PROJECT MANAGER: RAHSHUN J. MILLER (618)-346-3141

CONTRACT NO. 76G69

GROSS LENGTH = 24,235.2 FT. = 4.59 MILES
NET LENGTH = 24,024 FT. = 4.55 MILES

FUNCTIONAL CLASSIFICATION:
MINOR ARTERIAL

ADT
2011 = 1950 (ACTUAL)
2014 = 3000 (ESTIMATED)
2034 = 3800 (ESTIMATED)
S.U. = 4.1%
M.U. = 1.4%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED Dec 3 2013
John D. Karanzelli
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

Jan 24 2014
John D. Karanzelli
ENGINEER OF DESIGN AND ENVIRONMENT

Jan 24 2014
Omer Osman
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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INDEX OF SHEETS

1. COVER SHEET, PROJECT LIMITS, ADT
2. GENERAL NOTES, STANDARDS, COMMITMENTS
3. SUMMARY OF QUANTITIES
4. LOCATION MAP
- 5.-6. TYPICAL SECTION
7. SCHEDULES
8. DETAIL SHEET
9. EROSION, SEDIMENT CONTROL SHEETS

4. IF ANY UNSUITABLE MATERIAL IS ENCOUNTERED DURING CONSTRUCTION, IT WILL BE NECESSARY TO REMOVE THE UNSUITABLE MATERIAL AND REPLACE IT WITH SUITABLE MATERIAL AS APPROVED BY THE ENGINEER.

5. 'ROAD CONSTRUCTION AHEAD' SIGNS SHALL BE PLACED AT EACH END OF THE PROJECT PLUS THE INTERSECTING SIDEROADS, AND WILL BE CONSIDERED INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE AND 48" X 48".

6. NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.

7. ANY EXCAVATION OR DROP-OFF MORE THAN 3" AT EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES AND APPROPRIATE LIGHTING.

8. THE INTENT OF THIS CONTRACT IS TO CONSTRUCT A 4' HMA SHOULDER AND A VARIABLE WIDTH AGGREGATE WEDGE SHOULDER WITHIN THE EXISTING AVAILABLE TOP.

9. ALL GRADING REQUIRED TO MAINTAIN POSITIVE DRAINAGE SHALL BE INCLUDED IN THE COST OF AGGREGATE WEDGE SHOULDERS, TYPE B.

10. A QUANTITY OF SEEDING, MULCH AND NUTRIENTS HAS BEEN INCLUDED FOR AREAS REQUIRING GRADING TO MAINTAIN POSITIVE DRAINAGE. QUANTITIES SHALL BE CONSIDERED APPROXIMATE.

11. APPLICATION RATE FOR NUTRIENTS: 90LBS/ACRE.

12. ALL SAW CUTTING REQUIRED FOR REMOVALS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR HMA SURFACE REMOVAL - BUTT JOINT.

13. EARTH EXCAVATION SHALL INCLUDE ALL MATERIALS ENCOUNTERED, INCLUDING, BUT NOT LIMITED TO, OIL AND CHIP SIDE ROADS AND HMA ENTRANCES.

14. MILLING AND HMA INCIDENTAL SURFACING IS INCLUDED TO PROVIDE A SMOOTH TRANSITION AT HMA ENTRANCES. CONTRACTOR SHALL VERIFY LOCATIONS WHERE THIS IS NECESSARY.

GENERAL NOTES

1. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN WITHIN PROJECT AREA TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

•AT&T ILLINOIS - COMMUNICATIONS	AERIAL, BURIED
•CHARTER COMMUNICATIONS, INC. - CABLE TV	AERIAL, BURIED
•INTERCARRIER NETWORKS, LLC - COMMUNICATIONS	AERIAL, BURIED
•LIBERTY UTILITIES - GAS	BURIED
•MARATHON PIPE LINE LLC - PIPELINE	BURIED
•NORTHEAST MARION COUNTY WATER COMPANY - WATER	BURIED
•MCLEOD TELECOMMUNICATIONS SERVICES, LLC - COMMUNICATIONS	AERIAL, BURIED
•CITY OF SALEM - WATER & SANITARY SEWER	BURIED
•CITY OF SALEM - GAS	BURIED
•TRI-COUNTY ELECTRIC COOPERATIVE, INC. - ELECTRIC	AERIAL, BURIED
•US SONET, LLC - COMMUNICATIONS	AERIAL, BURIED

MEMBERS OF J.U.L.I.E. (800) 892-0123 OR 811 ARE INDICATED BY *. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS. THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING SHOWN IN THE PLANS WAS CREATED USING MICROFLIM AND FIELD MEASUREMENTS MADE BY DESIGN PERSONNEL. BOTH SHALL BE ASSUMED TO BE APPROXIMATE.

3. THE FOLLOWING HMA MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE	SHOULDERS > 2.25"
AT&T	PO 64-22
RAP (MAX)	**2.0% @ No. 8 = 30
DESIGN AIR VOIDS	NMAS 3/4
MIX COMPOSITION	
(GRADATION MIXTURE)	
FRICTION AGG	

**TOP LIFT SHOULDERS - DESIGN THIS MIX AT 2.0% VOIDS AND ADD ASPHALT TO REDUCE VOIDS TO 1.5%.

PLAN QUANTITIES FOR HMA (HOT MIX ASPHALT) ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/50 YD/IN.

COMMITMENTS

NO COMMITMENTS

STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
482006-03	HMA SHOULDER ADJACENT TO RIGID PAVEMENT
642006	SHOULDER RUMBLE STRIPS, 8 INCH
701006-05	OFFROAD OPERATIONS, 2L, 2W, 15' TO 24' FROM PAVEMENT EDGE
701011-04	OFFROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY FOR SPEEDS > 45 MPH
701311-03	LANE CLOSURE 2L, 2W, MOVING OPERATIONS DAY ONLY
701326-04	LANE CLOSURE 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS > 45 MPH
701901-03	TRAFFIC CONTROL DEVICES

FILE NAME =	USER NAME = millerra	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, COMMITMENTS & STANDARDS	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\p\dot\millerra\100351138\107	g89-ah-t-plan.dgn	DRAWN -	REVISED -			2701	105,106-1	MARION	9	2
PLOT SCALE = 100,0000' / 1" =		CHECKED -	REVISED -			CONTRACT NO. 76G69				
PLOT DATE = 12/3/2013		DATE -	REVISED -			SCALE: NTS	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		RURAL 90% FED 10% STATE 0005	---	---
20200100	EARTH EXCAVATION	CU YD	4673	4673		
25000210	SEEDING, CLASS 2A	ACRE	1	1		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	108	108		
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	108	108		
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	108	108		
25100115	MULCH, METHOD 2	ACRE	1	1		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	100	100		
40300200	BITUMINOUS MATERIALS (PRIME COAT)	TON	1	1		
40600300	AGGREGATE (PRIME COAT)	TON	1	1		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	117	117		
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	15.3	15.3		
44004250	PAVED SHOULDER REMOVAL	SQ YD	469	469		
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	1751.6	1751.6		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		RURAL 90% FED 10% STATE 0005	---	---
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	21020	21020		
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	57824	57824		
67100100	MOBILIZATION	L SUM	1	1		
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1		
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1		
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1		
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	69	69		
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	48042	48042		
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	16014	16014		
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	48042	48042		

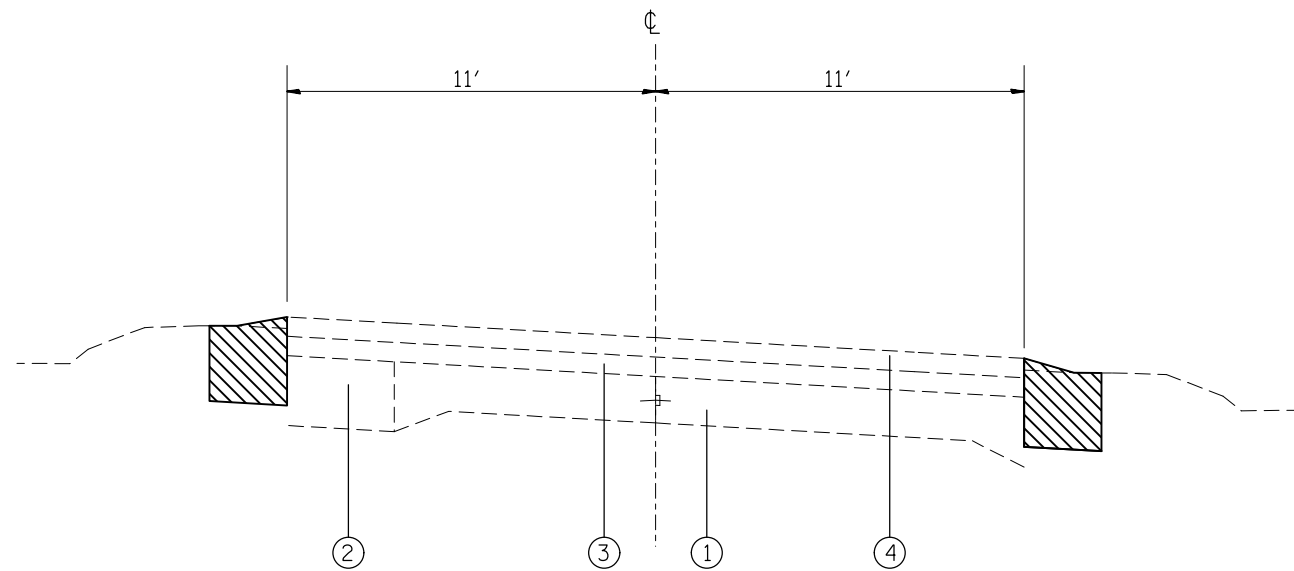
10 * SPECIALTY ITEM

FILE NAME *	USER NAME * milleraj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHE NO	
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	PLOT SCALE * 100.0000' / 1"	CHECKED -	REVISED -			CONTRACT NO. 1606					
	PLOT DATE * 12/4/2012	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

HMA ENTRANCE SCHEDULE							
ENTRANCE	STATION	WIDTH	LENGTH	INCIDENTAL HMA SURFACING	HMA SURFACE REMOVAL BUTT JOINT	BITUMINOUS MATERIAL (PRIME COAT)	AGGREGATE (PRIME COAT)
		(FOOT)	(FOOT)	(TON)	(SQ YD)	(TON)	(TON)
F.E.	369+23	24	7.5	1	20.0	0.01	0.03
P.E.	440+51	25	7.5	1	20.8	0.01	0.03
P.E.	443+15	24	7.5	1	20.0	0.01	0.03
P.E.	445+79	22	7.5	1	18.3	0.01	0.03
P.E.	448+43	24	7.5	1	20.0	0.01	0.03
P.E.	451+07	24	7.5	1	20.0	0.01	0.03
P.E.	453+71	24	7.5	1	20.0	0.01	0.03
P.E.	458+99	23	7.5	1	19.2	0.01	0.03
P.E.	464+27	24	7.5	1	20.0	0.01	0.03
P.E.	472+19	24	7.5	1	20.0	0.01	0.03
P.E.	474+30	25	7.5	1	20.8	0.01	0.03
P.E.	474+83	24	7.5	1	20.0	0.01	0.03
P.E.	480+11	24	7.5	1	20.0	0.01	0.03
C.E.	532+38	22	7.5	1	18.3	0.01	0.03
P.E.	532+91	24	7.5	1	20.0	0.01	0.03
P.E.	548+22	24	7.5	1	20.0	0.01	0.03
P.E.	554+03	26	7.5	1	21.7	0.01	0.03
P.E.	555+09	24	7.5	1	20.0	0.01	0.03
P.E.	558+25	24	7.5	1	20.0	0.01	0.03
C.E.	558+78	24	7.5	1	20.0	0.01	0.03
P.E.	559+31	24	7.5	1	20.0	0.01	0.03
C.E.	564+59	24	7.5	1	20.0	0.01	0.03
C.E.	567+23	23	7.5	1	19.2	0.01	0.03
P.E.	575+15	24	7.5	1	20.0	0.01	0.03
P.E.	583+07	24	7.5	1	20.0	0.01	0.03
C.E.	585+18	25	7.5	1	20.8	0.01	0.03
C.E.	585+18	24	7.5	1	20.0	0.01	0.03
P.E.	585+71	24	7.5	1	20.0	0.01	0.03
P.E.	585+71	22	7.5	1	18.3	0.01	0.03
P.E.	587+29	24	7.5	1	20.0	0.01	0.03
P.E.	590+46	26	7.5	1	21.7	0.01	0.03
TOTAL				28.4	619.2	1	1

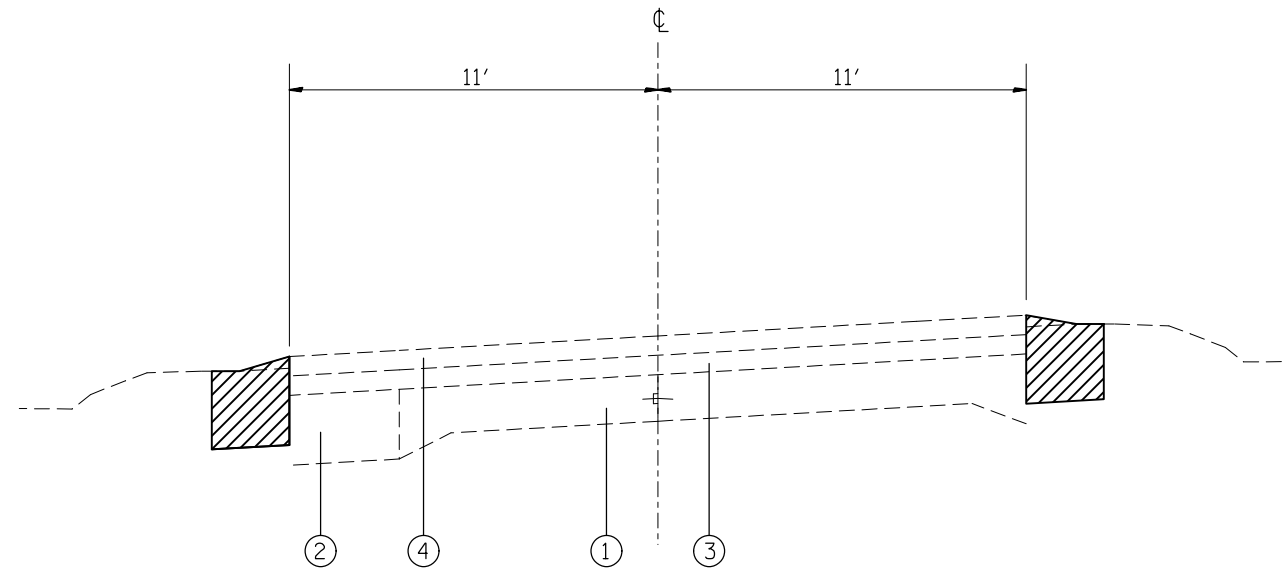
THERMOPLASTIC PAVEMENT MARKING SCHEDULE							
STA.	TO	STA.	LENGTH	SOUTHBOUND NORTHBOUND	SOLID WHITE EDGE LINE 4"	TEMPORARY PAVEMENT MARKING LINE 4"	WORK ZONE PAVEMENT MARKING REMOVAL
			(FOOT)		(FOOT)	(FOOT)	(SQ FT)
348+11	TO	427+31	7920	NB/SB	15840	15840	5280
BRIDGE OMISSION							
427+31	TO	429+45	214				
429+45	TO	590+46	16101	NB/SB	32202	32202	10734
TOTAL:					48042	48042	16014

SHOULDER SCHEDULE									
STA.	TO	STA.	LENGTH	SOUTHBOUND NORTHBOUND	HMA SHOULDERS 8"	SHOULDER RUMBLE STRIP 8"	PAVED SHOULDER REMOVAL	AGGREGATE WEDGE SHOULDER, TYPE B	EARTH EXCAVATION
			(FOOT)		(SQ YD)	(FOOT)	(SQ YD)	(TON)	(CU YD)
385+07	TO	395+63	1056				469		
348+11	TO	379+68	3157	SB	1403.1	3157		116.9	312.0
348+11	TO	427+31	7920	NB	3520.0	7920		293.3	782.6
379+90	TO	390+24	1034	SB	459.6	1034		38.3	102.2
390+46	TO	416+64	2618	SB	1163.6	2618		97.0	258.7
416+86	TO	427+31	1045	SB	464.4	1045		38.7	103.3
BRIDGE OMISSION									
427+31	TO	429+45	214						
429+45	TO	495+74	6629	SB	2946.2	6629		245.5	655.0
429+45	TO	442+74	1329	NB	590.7	1329		49.2	131.3
442+96	TO	495+74	5278	NB	2345.8	5278		195.5	521.5
495+96	TO	548+61	10530	NB/SB	4680.0	10530		390.0	1040.5
548+83	TO	585+18	3635	NB	1615.6	3635		134.6	359.2
548+83	TO	554+03	520	SB	231.1	520		19.3	51.4
554+25	TO	560+28	603	SB	268.0	603		22.3	59.6
560+50	TO	590+46	2996	SB	1331.6	2996		111.0	296.0
TOTAL:					21020	47294	469	1751.6	4673



EXISTING SUPERELEVATED SECTION

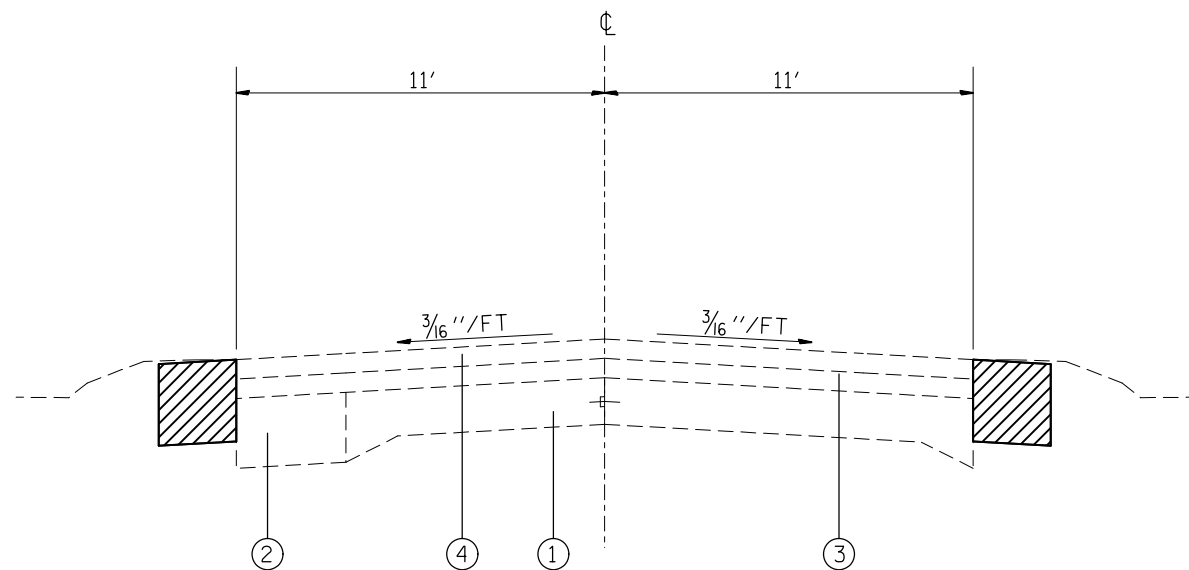
STA. 348+11 TO STA. 369+23



EXISTING SUPERELEVATED SECTION

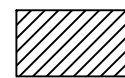
STA. 379+79 TO STA. 406+19

NOTE: EXISTING HMA SHOULDER TO BE REMOVED STA. 385+07 TO STA. 395+63.



EXISTING TYPICAL SECTION

STA. 369+23 TO STA. 379+79
STA. 406+19 TO STA. 590+46



PROPOSED EARTH EXCAVATION

LEGEND

- ① EXISTING PCC PAVEMENT 9-6-9
- ② EXISTING BASE COURSE WIDENING 9"
- ③ EXISTING BINDER COURSE, 1 1/2"
- ④ EXISTING BIT. CONC. SURF. COURSE, MIX "D", CL I, TYPE 2, 1 1/2"
- ⑤ PROPOSED HMA SHOULDER 8"
- ⑥ PROPOSED AGGREGATE SHOULDER WEDGE, TYPE B, 3' AND VAR.
- ⑦ PROPOSED RUMBLE STRIP, 8"

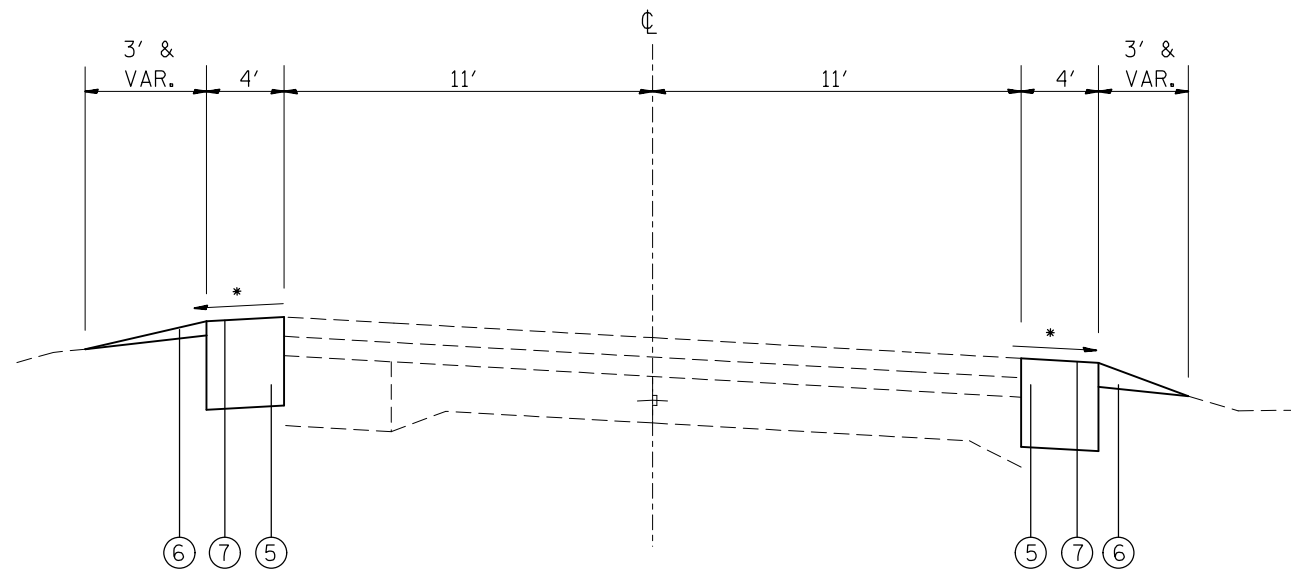
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	PLOT DATE = 12/3/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING TYPICAL SECTION

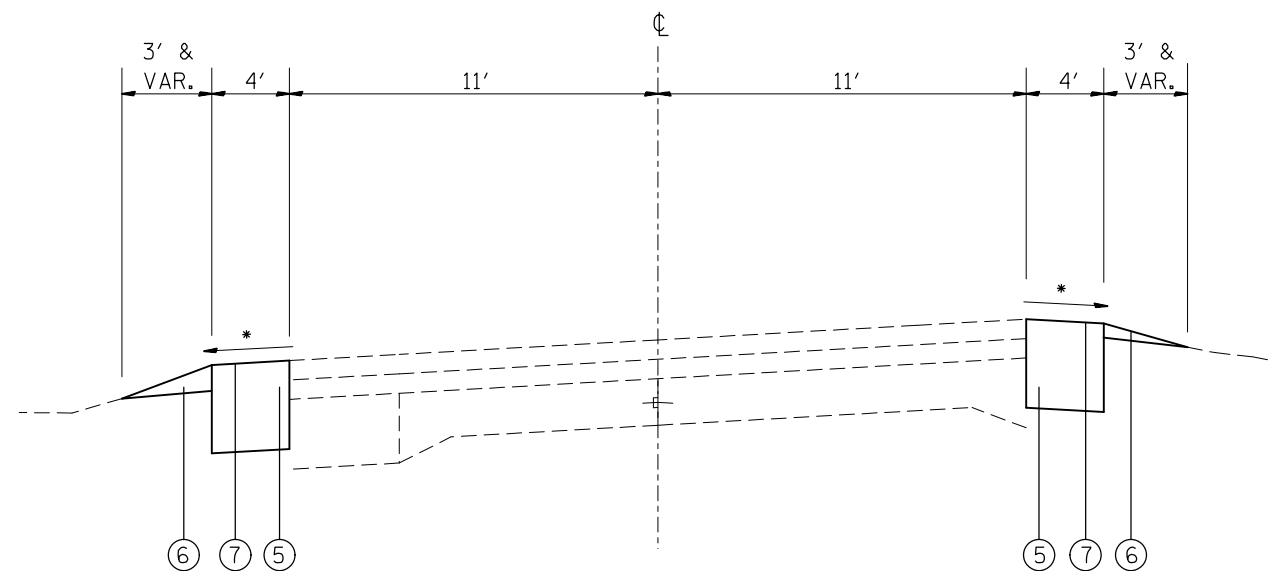
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2701	105,106-I	MARION	9	5
CONTRACT NO. 76G69				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



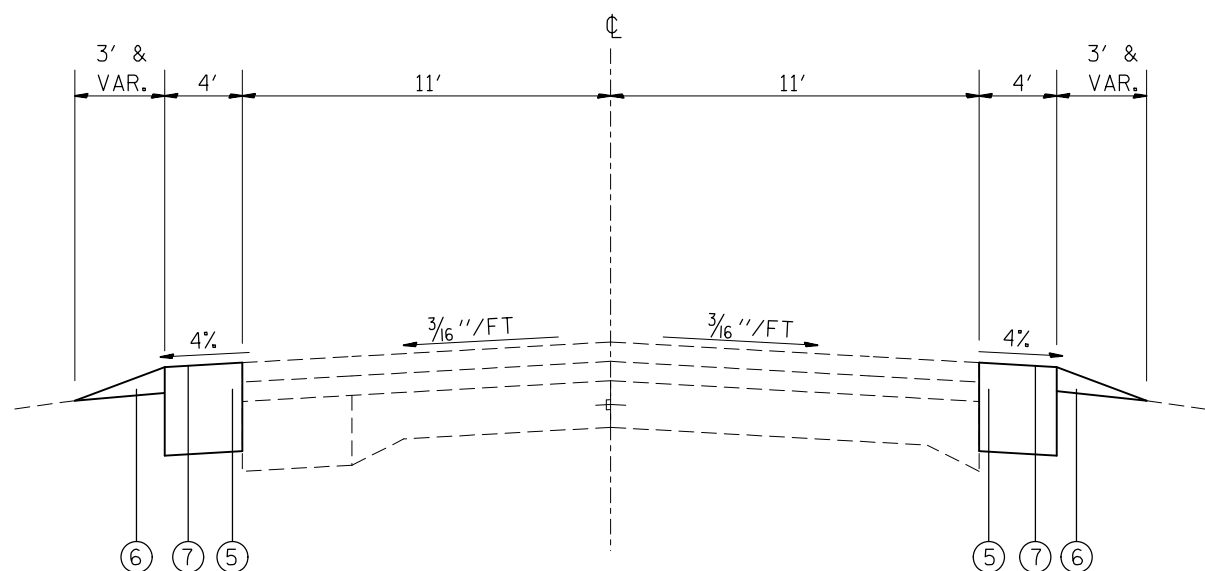
PROPOSED SUPERELEVATED SECTION

STA. 348+11 TO STA. 369+23
 * REFERS TO STD. 482006-03



PROPOSED SUPERELEVATED SECTION

STA. 379+79 TO STA. 406+19
 * REFERS TO STD. 482006-03



PROPOSED TYPICAL SECTION

STA. 369+23 TO STA. 379+79
 STA. 406+19 TO STA. 590+46

LEGEND

- ① EXISTING PCC PAVEMENT 9-6-9
- ② EXISTING BASE COURSE WIDENING 9"
- ③ EXISTING BINDER COURSE, 1 1/2"
- ④ EXISTING BIT. CONC. SURF. COURSE, MIX "D", CL I, TYPE 2, 1 1/2"
- ⑤ PROPOSED HMA SHOULDER 8"
- ⑥ PROPOSED AGGREGATE SHOULDER WEDGE, TYPE B, 3' AND VAR.
- ⑦ PROPOSED RUMBLE STRIP, 8"

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	PLOT DATE = 12/3/2013	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

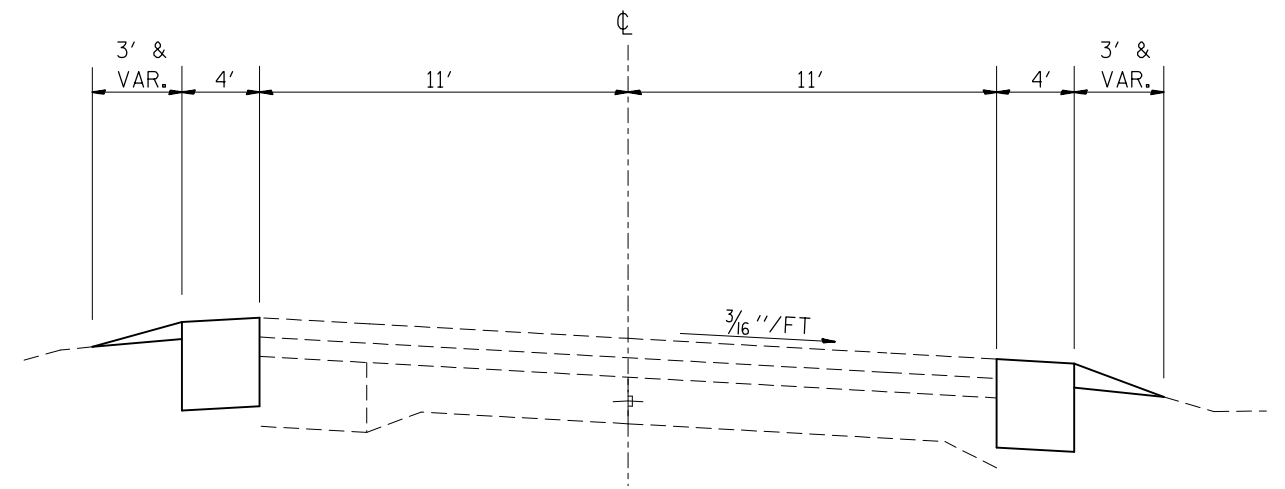
PROPOSED TYPICAL SECTION

SCALE: NTS SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2701	105,106-I	MARION	9	6
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76G69	

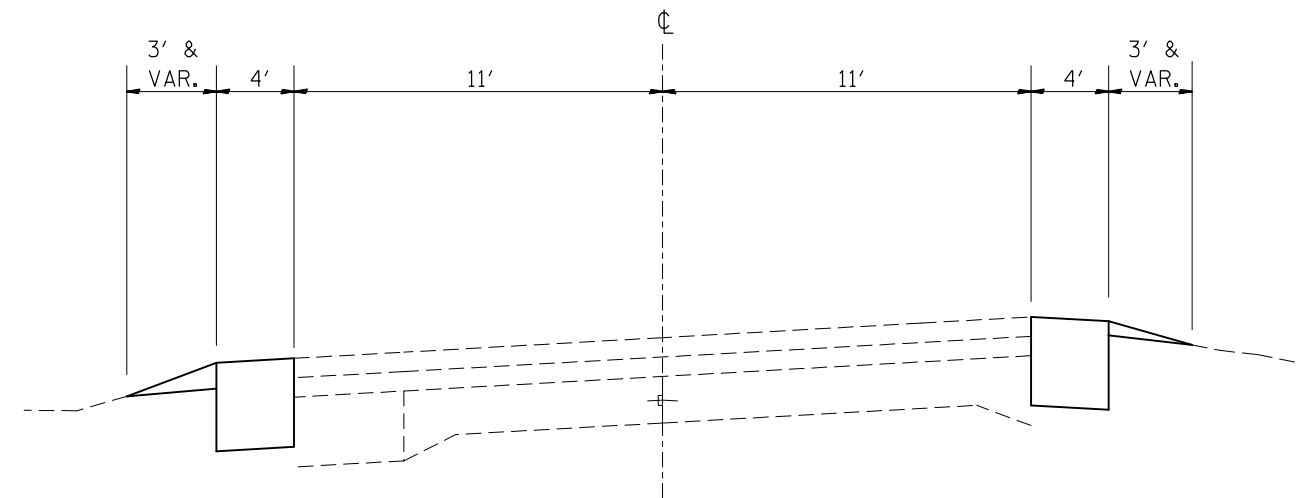
EROSION AND SETTLEMENT CONTROL

1. THE WORK DESCRIBED ON THESE DRAWINGS ARE AN INTEGRAL PART OF THE STORM WATER POLLUTION PREVENTION PLAN USED TO OBTAIN THE NPDES FROM IEPA FOR THE CONSTRUCTION OF THIS PROJECT.
2. THE PURPOSE OF THE EROSION AND SEDIMENT CONTROL MEASURES INCLUDED FOR THIS PROJECT IS TO LIMIT THE SEDIMENT POLLUTION IMPACT OF ANY STORM WATER DISCHARGES THAT ORIGINATE ON THIS SITE OR OFF- SITE FLOWS THAT FLOW OVER THE DISTURBED AREAS OR DOWNSTREAM AREAS.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT SEDIMENT TRANSPORTED OFF THE JOB SITE IS REDUCED BY A COMBINATION OF MINIMIZATION OF EROSION AT THE SOURCE AND INSTALLATION OF SPECIFIC MEASURES TO CONTROL OR REDUCE THE TRANSPORT OF SEDIMENT. A COPY OF THE EROSION AND SEDIMENT CONTROL SCHEDULE BEING IMPLEMENTED BY THE CONTRACTOR WILL BE ON THE CONSTRUCTION SITE AT ALL TIMES.
4. TO THE MAXIMUM EXTENT POSSIBLE, ALL FLOWS ORIGINATING OFF THE CONSTRUCTION SITE WILL BE DIVERTED AROUND DISTURBED AREAS OR WILL BE CONVEYED THROUGH THE SITE IN A MANNER THAT UNTREATED ON -SITE RUNOFF DOES NOT MIX WITH THE OFF- SITE RUNOFF.
5. ALL RUNOFF ORIGINATING ON DISTURBED AREAS ASSOCIATED WITH THIS PROJECT WILL PASS THROUGH ONE OR MORE MEASURES THAT WILL MINIMIZE THE OFF- SITE SEDIMENT IMPACTS OF THE CONSTRUCTION ACTIVITY.
6. DISTURBED AREAS ARE TO BE PROTECTED FROM EROSION IN A TIMELY MANNER. UPON COMPLETION OF GRADING OR CONSTRUCTION, THE AREA WILL STABILIZED USING PERMANENT MEASURES.
7. THE CONTRACTOR SHALL DESIGNATE ONE OF HIS EMPLOYEES AS RESPONSIBLE FOR IMPLEMENTATION OF THE EROSION AND SEDIMENT CONTROL PLAN ON ALL DISTURBED AREAS. THIS PERSON IS TO BE KNOWLEDGEABLE ABOUT INSTALLATION AND MAINTENANCE OR THE REQUIRED MEASURES. THIS EMPLOYEE IS TO HAVE THE AUTHORITY TO CARRY OUT THE IMPLEMENTATION OF ANY INSTRUCTIONS CONCERNING THE EROSION AND SEDIMENT CONTROL PLAN GIVEN BY THE ENGINEER. ALL MEASURES WILL BE INSPECTED BY THIS INDIVIDUAL AND THE ENGINEER ON A REGULAR BASIS (AT LEAST ONCE EVERY SEVEN DAYS) AND AFTER RAINFALL EVENTS GREATER THAN 1/2 INCH.
8. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED AT THE CONTRACTOR'S EXPENSE.



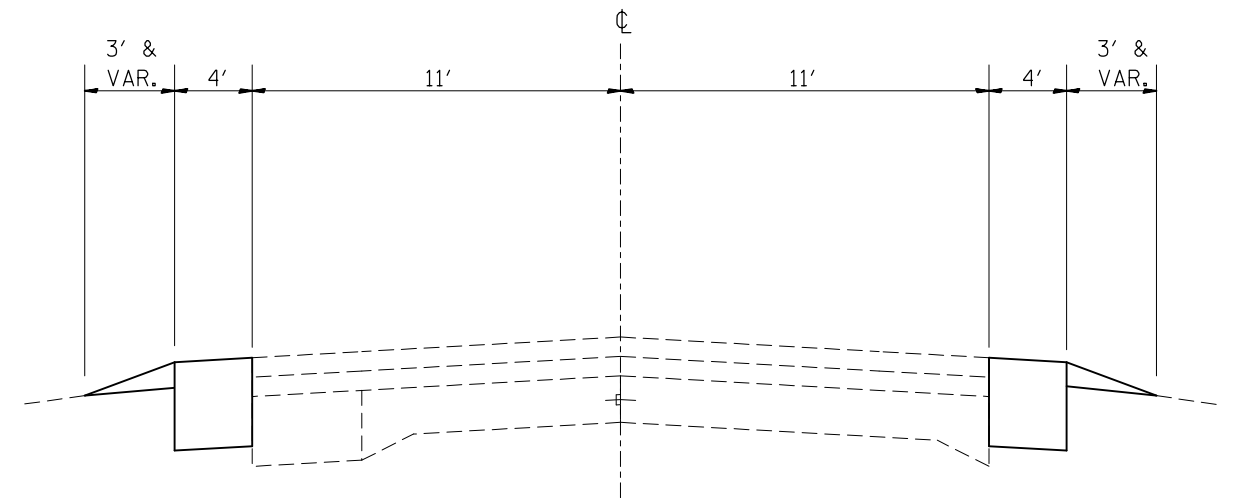
PROPOSED SUPERELEVATED SECTION

STA. 348+11 TO STA. 369+23



PROPOSED SUPERELEVATED SECTION

STA. 379+79 TO STA. 406+19



PROPOSED TYPICAL SECTION

STA. 369+23 TO STA. 379+79
STA. 406+19 TO STA. 590+46

SEEDING SCHEDULE									
STA.	TO	STA.	SOUTHBOUND	LENGTH	SEEDING CLASS 2	NITROGEN FERTILIZER	PHOSPHORUS FERTILIZER	POTASSIUM FERTILIZER	MULCH METHOD
			NORTHBOUND						
348+11	TO	379+68	SB	3157	0.16	14.5	14.5	14.5	0.16
348+11	TO	427+31	NB	7920	0.40	36.4	36.4	36.4	0.40
379+90	TO	390+24	SB	1034	0.05	4.7	4.7	4.7	0.05
390+46	TO	416+64	SB	2618	0.13	12.0	12.0	12.0	0.13
416+86	TO	427+31	SB	1045	0.05	4.8	4.8	4.8	0.05
BRIDGE OMISSION									
427+31	TO	429+45							
429+45	TO	495+74	SB	6629	0.34	30.4	30.4	30.4	0.34
429+45	TO	442+74	NB	1329	0.07	6.1	6.1	6.1	0.07
442+96	TO	495+74	NB	5278	0.27	24.2	24.2	24.2	0.27
495+96	TO	548+61	NB/SB	5265	0.27	48.3	48.3	48.3	0.27
548+83	TO	585+18	NB	3635	0.19	16.7	16.7	16.7	0.19
548+83	TO	554+03	SB	520	0.03	2.4	2.4	2.4	0.03
554+25	TO	560+28	SB	603	0.03	2.8	2.8	2.8	0.03
560+50	TO	590+46	SB	2996	0.15	13.8	13.8	13.8	0.15
TOTAL:					1	108	108	108	1

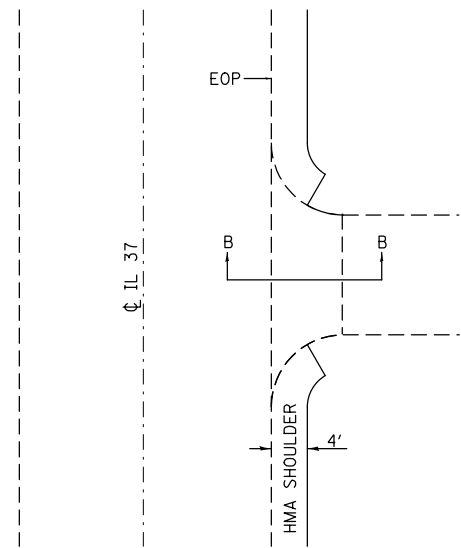
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	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -
	PLOT DATE = 12/3/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION, SEDIMENT CONTROL DETAILS AND SCHEDULE

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

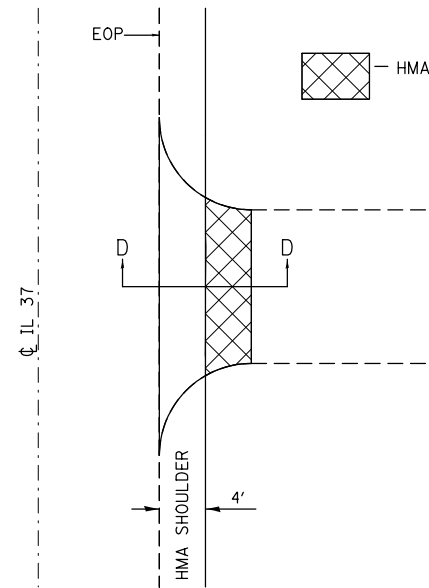
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2701	105,106-I	MARION	9	9
CONTRACT NO. 76G69				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



P.C.C. SIDEROAD/ENTRANCE DETAIL

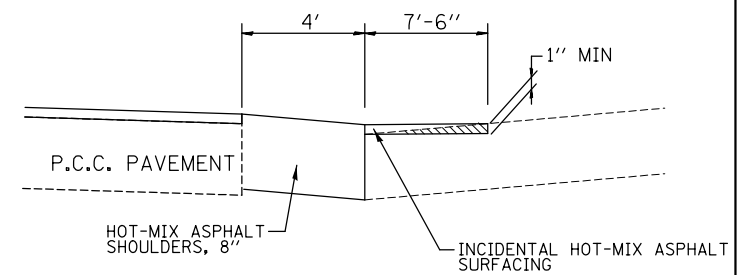
STA. 568+81
STA. 569+87

NOT TO SCALE

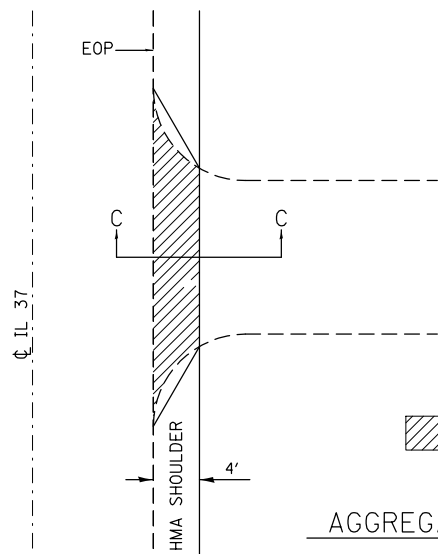


HMA ENTRANCE DETAIL

NOT TO SCALE



SEC D-D



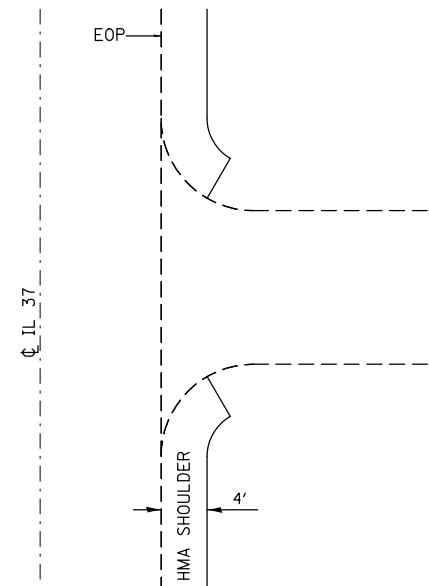
AGGREGATE, OIL & CHIP AND FIELD ENTRANCE DETAIL

O&C STA. 554+14

NOT TO SCALE

EARTH EXCAVATION

SEC C-C



HMA SIDEROAD DETAIL

STA. 348+11
STA. 379+79
STA. 390+35
STA. 416+75
STA. 437+87
STA. 495+84
STA. 495+84
STA. 548+72
STA. 548+72
STA. 560+39
STA. 590+46

NOT TO SCALE

FILE NAME =	USER NAME = millerra	DESIGNED -	REVISED -
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/3/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ENTRANCE/SIDE ROAD DETAILS

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2701	105,106-I	MARION	9	8
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76G69	