

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	15RS-6	MARION	36	1
		ILLINOIS	CONTRACT NO. 76K34	

145

FOR INDEX OF SHEETS, SEE SHEET NO. 2

SOUTH LACKEY ST TO EDGEWOOD ROAD

2017 ADT = 7600 (ACTUAL)
2019 ADT = 7800 (ESTIMATED)
2039 ADT = 9500 (ESTIMATED)
SU = 3.9% MU = 5.6%

EDGEWOOD DRIVE TO COUNTRY FARM ROAD

2017 ADT = 4650 (ACTUAL)
2019 ADT = 4750 (ESTIMATED)
2039 ADT = 5800 (ESTIMATED)
SU = 4.1% MU = 9.1%

COUNTRY FARM ROAD TO KIMMUNDY ROAD

2017 ADT = 3700 (ACTUAL)
2019 ADT = 3800 (ESTIMATED)
2039 ADT = 4600 (ESTIMATED)
SU = 4.9% MU = 12.2%

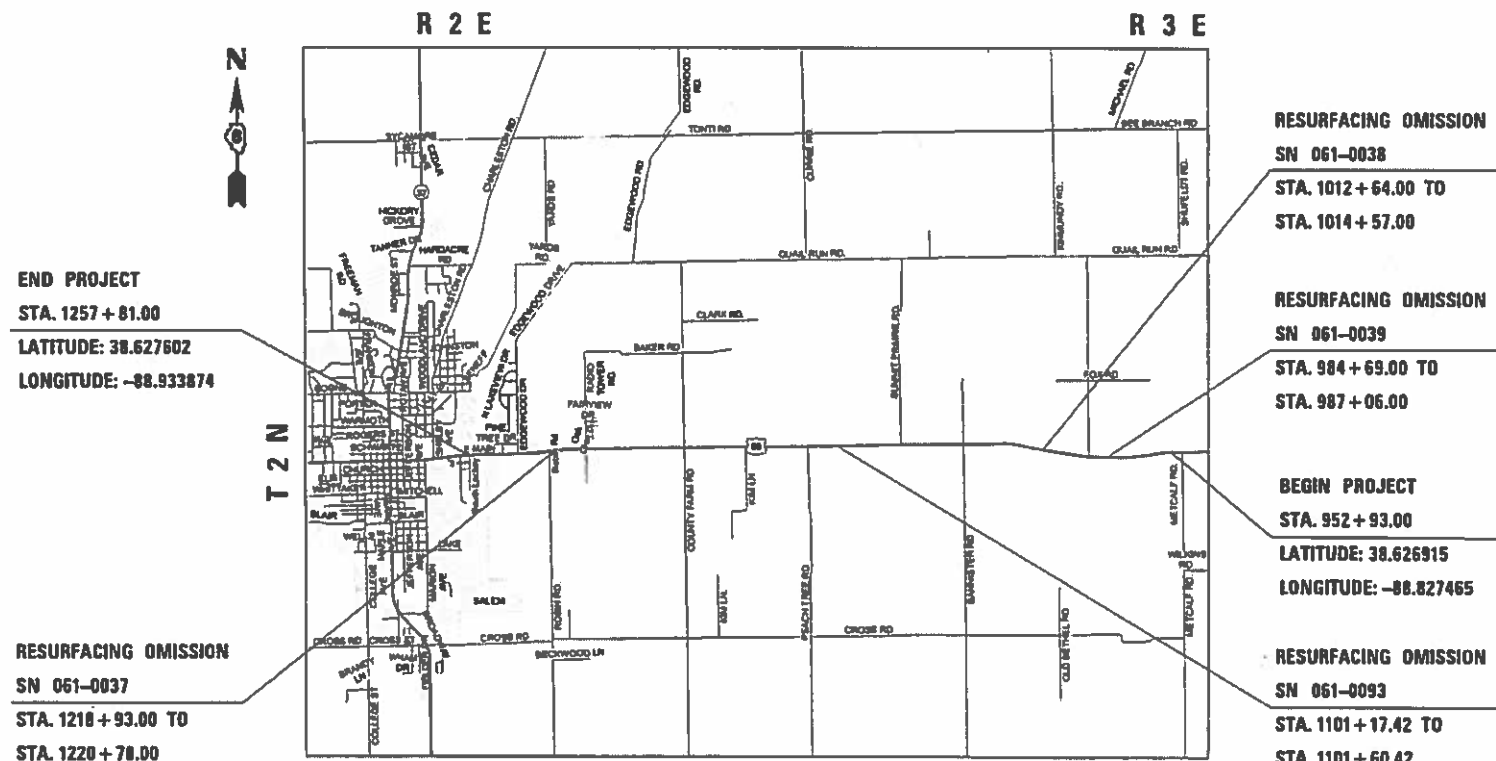
KIMMUNDY ROAD TO METCALF ROAD

2017 ADT = 3600 (ACTUAL)
2019 ADT = 3700 (ESTIMATED)
2039 ADT = 4500 (ESTIMATED)
SU = 4.4% MU = 13.2%

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 327A (US 50)
SECTION 15RS-6
PROJECT NHPP-G8HV(791)
RESURFACING - 3P
MARION COUNTY

C-98-202-18



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 HERVE GELIN 618-346-3179
SQUAD LEADER BILLIE OWEN 618-346-3209

CONTRACT NO. 76K34

GROSS LENGTH = 30488.00 FT. = 5.774 MILE
NET LENGTH = 29930.00 FT. = 5.650 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED *March 12, 2019*
Kath Roberts
REGIONAL ENGINEER

May 10, 2019
David P. Chaffin
ENGINEER OF DESIGN AND ENVIRONMENT

May 10, 2019
David P. Chaffin
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

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HIGHWAY STANDARDS

000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
482011-03	HMA SHOULDER STRIPS/SHOULDERS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
515001-03	NAME PLATE FOR BRIDGES
601001-05	PIPE UNDERDRAINS
601101-02	CONCRETE HEADWALL FOR PIPE UNDERDRAIN
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
630001-12	STEEL PLATE BEAM GUARDRAIL
630101-10	STRONG POST GUARDRAIL ATTACHED TO CULVERT
631031-15	TRAFFIC BARRIER TERMINAL, TYPE 6
631032-09	TRAFFIC BARRIER TERMINAL, TYPE 6A
642006	SHOULDER RUMBLE STRIPS, 8 IN.
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS 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
701336-07	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS ≥ 45 MPH
701901-08	TRAFFIC CONTROL DEVICES
725001-01	OBJECT AND TERMINAL MARKERS
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

GENERAL NOTES

- ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES WITHIN THE PROJECT AREA 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:

UTILITY	ABOVE GROUND	BELOW GROUND
AMEREN ILLINOIS (GAS & ELECTRIC)	X	X
AT&T ILLINOIS (COMMUNICATIONS)	X	X
CHARTER COMMUNICATIONS, INC. (CABLE TV)	X	X
LIBERTY UTILITIES (GAS)		X
METRO COMMUNICATIONS COMPANY, INC. (COMMUNICATIONS)	X	X
RACOOON WATER COMPANY (WATER)		X
CITY OF SALEM (WATER & SEWER)		X
CITY OF SALEM (GAS)		X
TRI-COUNTY ELECTRIC COOPERATIVE, INC. (ELECTRIC)	X	X
US SONET, LLC (COMMUNICATIONS)	X	X
WINDSTREAM KDL, INC. (COMMUNICATIONS)	X	X

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

- THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING SHOWN IN THE PLAN SHEETS WAS CREATED USING MICROFILM. IT SHALL BE ASSUMED TO BE APPROXIMATE. THE CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- THE THICKNESS OF HOT-MIX ASPHALT SURFACE MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
- THE CONTRACTOR SHALL PROVIDE POSITIVE AND ADEQUATE DRAINAGE AT ALL TIMES.
- THE CONTRACTOR MUST MAINTAIN TWO 10' LANES WHILE UNDER TWO LANE, TWO WAY TRAFFIC.
- THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE	SURFACE	LEVEL BINDER	SHOULDERS > 2.25"	SHOULDERS < 2.25"	PATCHING
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION
DESIGN AIR VOIDS	4.0% @ Ndes=90	4.0% @ Ndes=90	4.0% @ Ndes=30	4.0% @ Ndes=30	4.0% @ Ndes=90
MIX COMPOSITION (Gradation)	IL 9.5	IL 9.5 FG	IL 19.0L	IL 9.5L	IL 19.0
FRICITION AGG	MIXTURE "D"	MIXTURE "C"			MIXTURE "B"
QUALITY MGMT PROGRAM	QCP	QCP	QC/QA	QC/QA	QC/QA

PLAN QUANTITIES FOR HOT-MIX ASPHALT ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/SQ YD/IN.

- NO MATERIAL TRANSFER DEVICE (MTD) WILL BE ALLOWED OVER SN 061-2009. AN EMPTIED MTD WILL BE ALLOWED OVER ALL OTHER BRIDGES AND CULVERTS THROUGHOUT THE LENGTH OF THE PROJECT. THE EMPTIED MTD MUST BE TRANSPORTED ON A TRANSPORT VEHICLE. AXLE LOADS AND AXLE SPACING OF THE TRANSPORT VEHICLE MUST BE PROVIDED TO THE ENGINEER FOR REVIEW BY THE BUREAU OF BRIDGES AND STRUCTURES.
- AN ESTIMATED QUANTITY OF 3091 TONS OF CUTTINGS FROM THE HOT-MIX ASPHALT SURFACE REMOVAL OPERATION IS ANTICIPATED.
- ALL TURF AREAS DISTURBED BY THE CONTRACTOR SHALL BE SEEDED WITH THE APPROPRIATE EROSION CONTROL, AS DIRECTED BY THE ENGINEER, AT THE CONTRACTOR'S EXPENSE.
- THE ENGINEER SHALL NOTE BEGINNING AND END STATIONS FOR NO PASSING ZONES PRIOR TO MILLING.
- SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO MILLED, PRIME, LEVEL BINDER, AND FINAL SURFACE. ONLY REMOVAL FROM FINAL SURFACE PAID AS SHORT TERM PAVEMENT MARKING REMOVAL.
- PAVEMENT MARKINGS SHALL MATCH EXISTING MARKINGS AS DIRECTED BY THE ENGINEER.
- NO OVERNIGHT LANE CLOSURES WILL BE PERMITTED.
- FOR STA. 1254+34 TO STA. 1257+81, THE INTENT OF THE MILLING IS TO REMOVE THE HMA RESURFACING ONLY. THE UNDERLYING CONCRETE SHALL NOT BE DISTURBED.
- SANITARY MANHOLES WERE FOUND IN EXISTING HMA SHOULDERS FROM STA. 1230+00 TO 1248+15 LT AND RT. THESE LIDS WILL NEED RISERS SINCE THE ELEVATION OF THE HMA SHOULDERS WILL BE RAISED. 8-10 MANHOLES WERE FOUND. SHOULD BE ADJUSTED BY CITY OF SALEM DURING PAVING.

COMMITMENTS

NONE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, HIGHWAY STANDARDS,
GENERAL NOTES & COMMITMENTS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	15R5-6	MARION	36	2
				CONTRACT NO. 76K34
		ILLINOIS	FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				80% FED 20% STATE ROADWAY	80% FED 20% STATE ROADWAY	80% FED 20% STATE BRIDGE
				0005 URBAN	0005 RURAL	0013 061-2009
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	177		177	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	65370	22657	42713	
40600647	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N90	TON	5542	1875	3667	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	2985	1322	1663	
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	150	150		
40600990	TEMPORARY RAMP	SQ YD	938	513	425	
40603345	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	6717	2362	4355	
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	799	582	217	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	224	163	61	
44000151	HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"	SQ YD	106208	35568	70640	
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	1118	1118		
44200144	PAVEMENT PATCHING, TYPE II, 12 INCH	SQ YD	68	8	60	
44200148	PAVEMENT PATCHING, TYPE III, 12 INCH	SQ YD	141	16	125	
44200150	PAVEMENT PATCHING, TYPE IV, 12 INCH	SQ YD	123		123	

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	15R5-6	MARION	36	3
CONTRACT NO. 76K34				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				80% FED 20% STATE ROADWAY	80% FED 20% STATE ROADWAY	80% FED 20% STATE BRIDGE
				0005 URBAN	0005 RURAL	0013 061-2009
44200168	PAVEMENT PATCHING, TYPE II, 14 INCH	SQ YD	267		267	
44200172	PAVEMENT PATCHING, TYPE III, 14 INCH	SQ YD	294		294	
44200174	PAVEMENT PATCHING, TYPE IV, 14 INCH	SQ YD	100		100	
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	2477	844	1633	
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	5884		5884	
48203100	HOT-MIX ASPHALT SHOULDERS	TON	2659	1375	1284	
50102400	CONCRETE REMOVAL	CU YD	2.4			2.4
50104000	BRIDGE RAIL REMOVAL	FOOT	56			56
50300255	CONCRETE SUPERSTRUCTURE	CU YD	4.3			4.3
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	460			460
50900200	STEEL RAILING, TYPE 2399	FOOT	56			56
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	12		12	
60100070	SHOULDER REMOVAL AND REPLACEMENT	FOOT	5224		5224	
60107600	PIPE UNDERDRAINS 4"	FOOT	5116		5116	

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	15R5-6	MARION	36	4
			CONTRACT NO. 76K34	
		ILLINOIS	FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				80% FED 20% STATE ROADWAY 0005 URBAN	80% FED 20% STATE ROADWAY 0005 RURAL	80% FED 20% STATE BRIDGE 0013 061-2009
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	0.3	0.7	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	15	5	10	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	10816	3747	7069	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	904	316	588	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	75593	24408	51185	
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	16	4	12	
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	24		24	
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	75593	24408	51185	
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	1480	416	1064	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	373	131	242	
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	56	8	48	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	373	131	242	
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	25198	8136	17062	
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	29830	10441	19389	

* SPECIALTY ITEM

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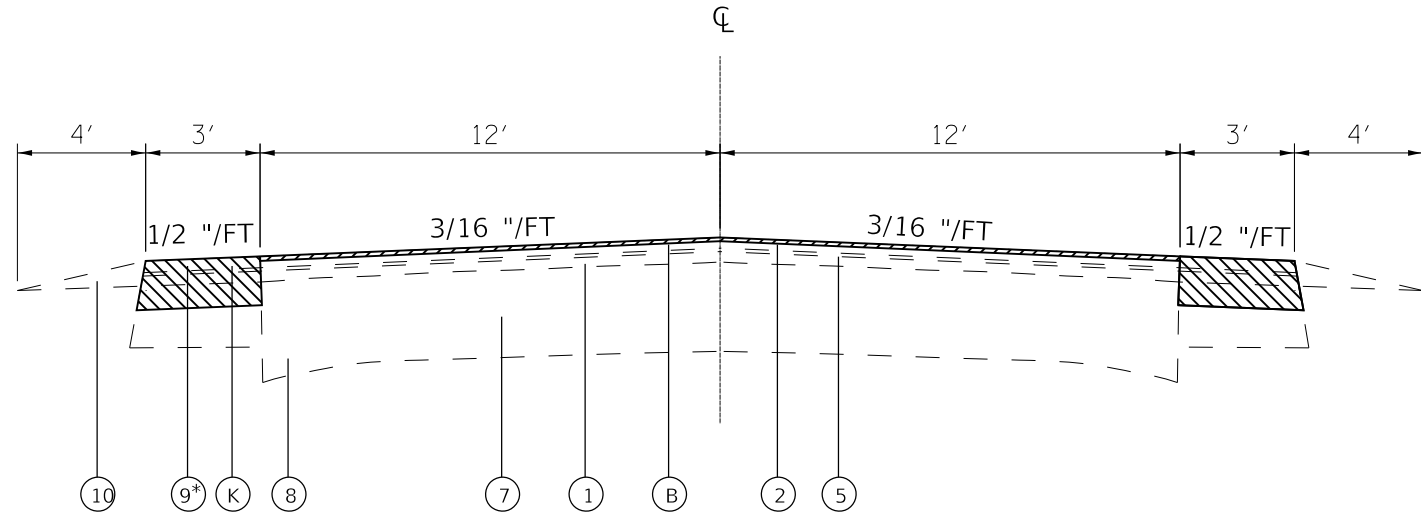
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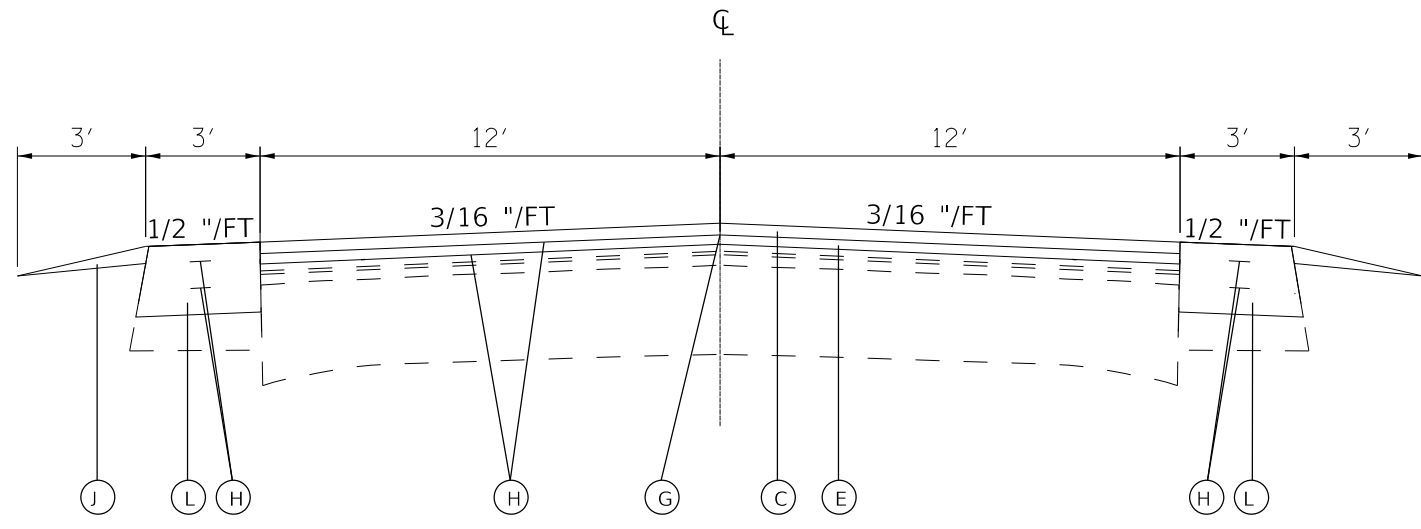
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	15R5-6	MARION	36	6
			CONTRACT NO. 76K34	
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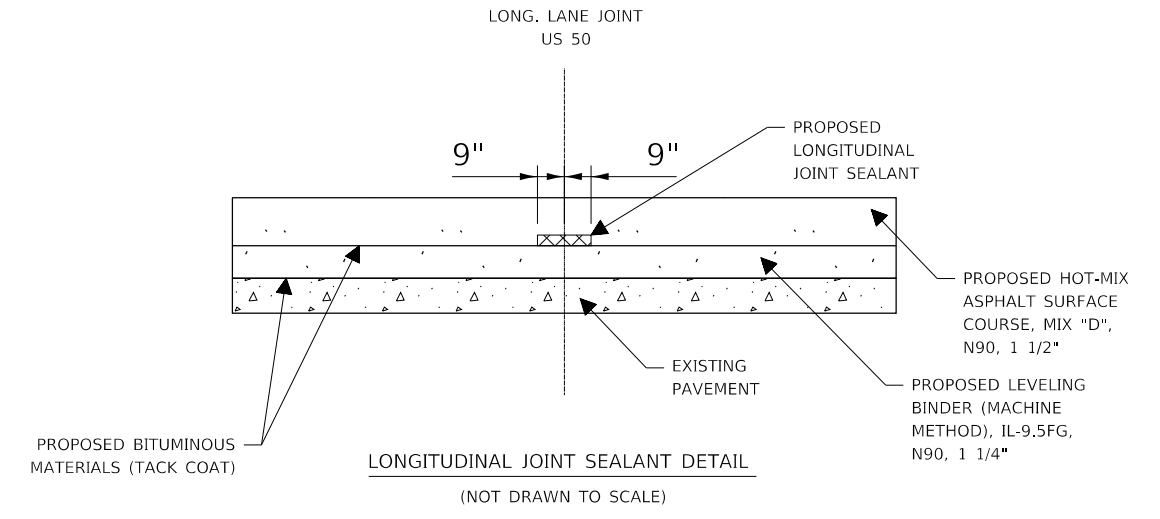


EXISTING TYPICAL SECTION
 STA 952+93 TO STA 984+69
 STA 1014+57 TO STA 1045+48

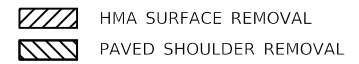
* SHOULDER DEPTH VARIES FROM 9" TO 1".



PROPOSED TYPICAL SECTION
 STA 952+93 TO STA 984+69
 STA 1014+57 TO STA 1045+48



- LEGEND**
- ① EXISTING HMA SURFACE COURSE, 2"
 - ② EXISTING HMA SURFACE COURSE, MIX "D", N90, 1 1/2"
 - ③ EXISTING HMA SURFACE COURSE, SUPERPAVE, MIX "D", N90, 2"
 - ④ EXISTING PAVEMENT
 - ⑤ EXISTING LEVEL BINDER, MACHINE METHOD, MIX "C", N90, 3/4"
 - ⑥ EXISTING LEVEL BINDER, SUPERPAVE, N90, 3'4"
 - ⑦ EXISTING PCC PAVEMENT, 10"
 - ⑧ EXISTING BASE COURSE WIDENING, 9"
 - ⑨ EXISTING HMA SHOULDER, 9"
 - ⑩ EXISTING AGGREGATE SHOULDERS
 - ⑪ EXISTING PAVEMENT AND RESURFACING (9"-6"-9") PLUS 8" BIT OVERLAY
 - ⑫ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24, SPECIAL
 - ⑬ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - ⑭ EXISTING GEOTECHNICAL FABRIC FOR FRENCH DRAINS
 - ⑮ EXISTING SUB BASE GRANULAR MATERIAL, TYPE A 6"
 - ⑯ EXISTING BITUMINOUS SHOULDER
 - ⑰ EXISTING PCC PAVEMENT, 9 1/4" & PAVEMENT FABRIC
 - Ⓐ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2"
 - Ⓑ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"
 - Ⓒ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90, 1 1/2"
 - Ⓓ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90, 2"
 - Ⓔ PROPOSED LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N90, 1 1/4"
 - Ⓕ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2 3/4"
 - Ⓖ PROPOSED LONGITUDINAL JOINT SEALANT
 - Ⓗ PROPOSED BITUMINOUS MATERIAL (TACK COAT)
 - Ⓘ PROPOSED SHOULDER REMOVAL AND REPLACEMENT
 - Ⓝ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
 - Ⓚ PROPOSED EXCAVATING AND GRADING EXISTING SHOULDER
 - Ⓛ PROPOSED HMA SHOULDER, 8"
 - Ⓜ PROPOSED PIPE UNDERDRAIN 4"



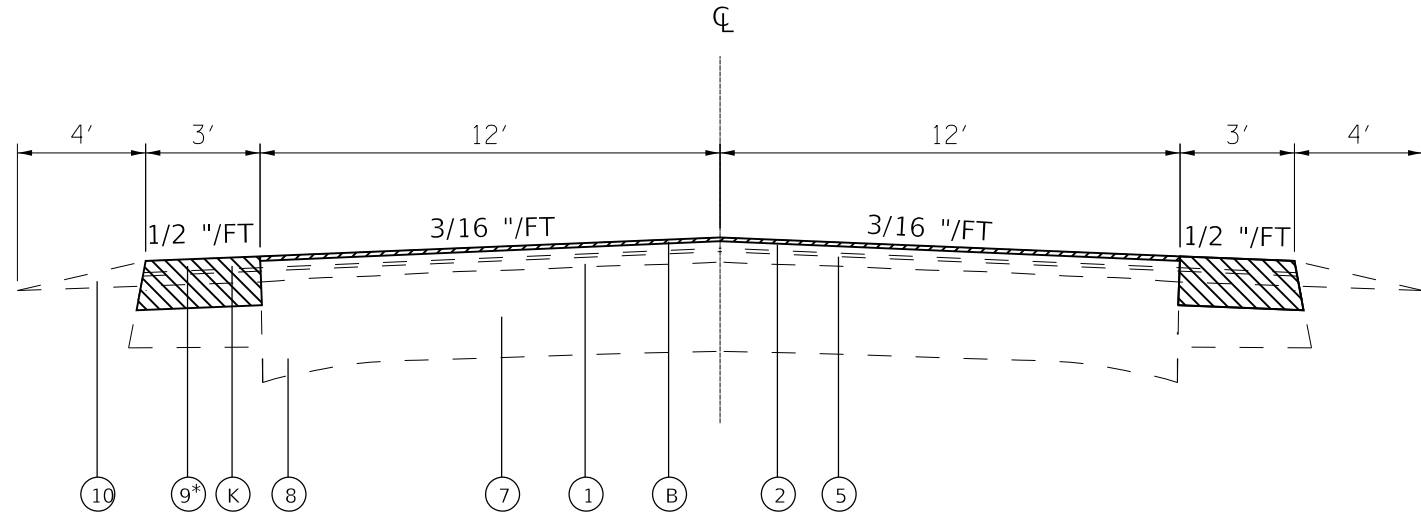
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 DEPARTMENT OF TRANSPORTATION**

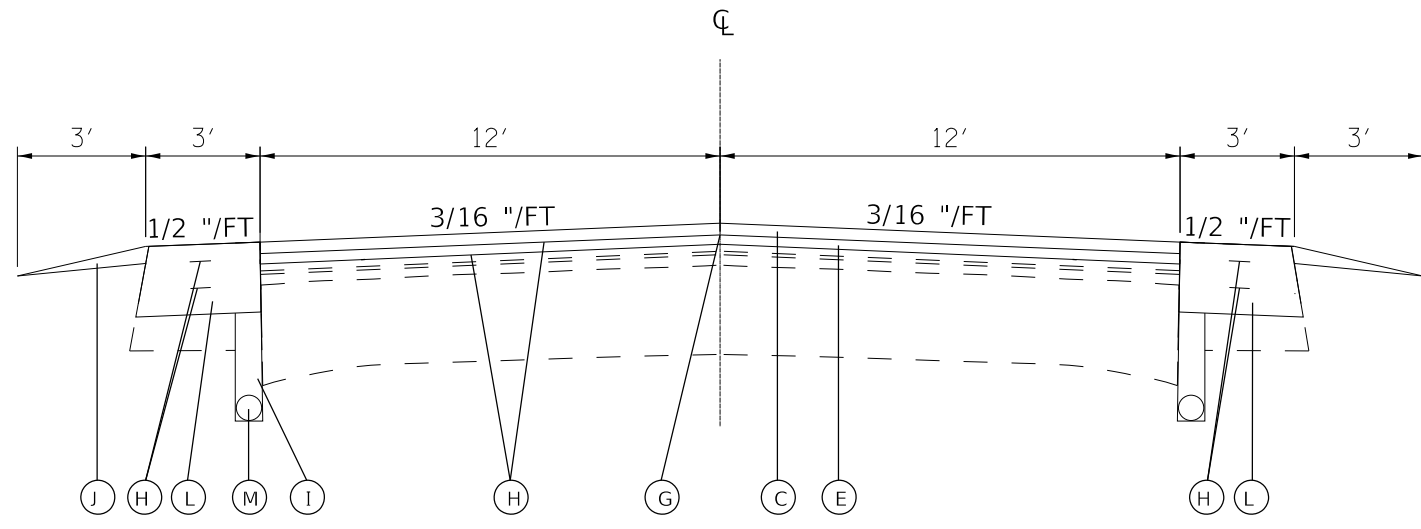
TYPICAL SECTIONS	
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CONTRACT NO. 76K34				
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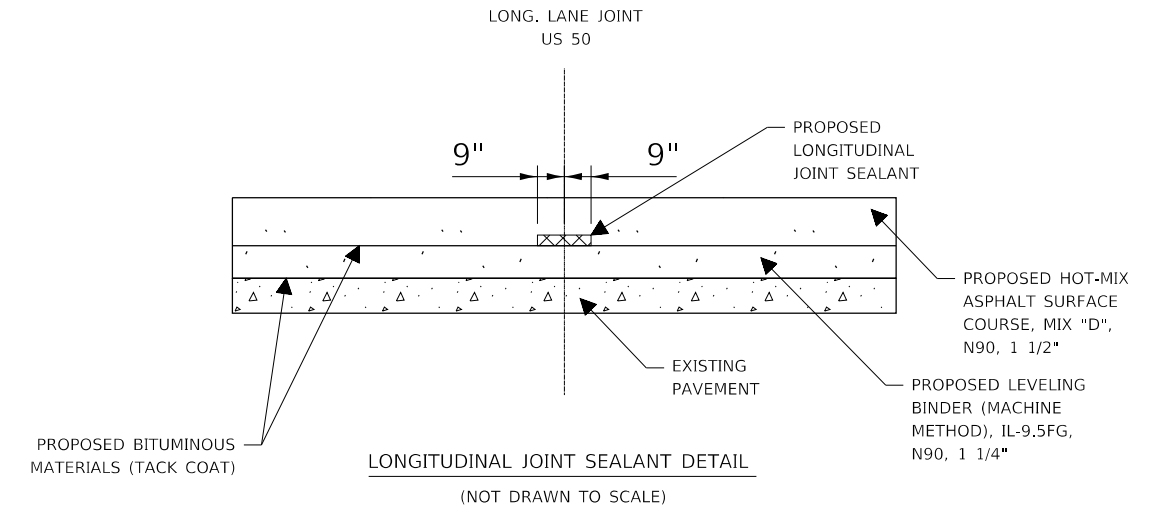


EXISTING TYPICAL SECTION
STA 987+06 TO STA 1012+64

* SHOULDER DEPTH VARIES FROM 9" TO 1".



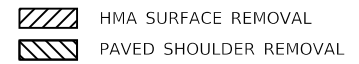
PROPOSED TYPICAL SECTION
STA 987+06 TO STA 1012+64



LONGITUDINAL JOINT SEALANT DETAIL
(NOT DRAWN TO SCALE)

LEGEND

- ① EXISTING HMA SURFACE COURSE, 2"
- ② EXISTING HMA SURFACE COURSE, MIX "D", N90, 1 1/2"
- ③ EXISTING HMA SURFACE COURSE, SUPERPAVE, MIX "D", N90, 2"
- ④ EXISTING PAVEMENT
- ⑤ EXISTING LEVEL BINDER, MACHINE METHOD, MIX "C", N90, 3/4"
- ⑥ EXISTING LEVEL BINDER, SUPERPAVE, N90, 3'4"
- ⑦ EXISTING PCC PAVEMENT, 10"
- ⑧ EXISTING BASE COURSE WIDENING, 9"
- ⑨ EXISTING HMA SHOULDER, 9"
- ⑩ EXISTING AGGREGATE SHOULDERS
- ⑪ EXISTING PAVEMENT AND RESURFACING (9"-6"-9") PLUS 8" BIT OVERLAY
- ⑫ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24, SPECIAL
- ⑬ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑭ EXISTING GEOTECHNICAL FABRIC FOR FRENCH DRAINS
- ⑮ EXISTING SUB BASE GRANULAR MATERIAL, TYPE A 6"
- ⑯ EXISTING BITUMINOUS SHOULDER
- ⑰ EXISTING PCC PAVEMENT, 9 1/4" & PAVEMENT FABRIC
- Ⓐ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- Ⓑ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"
- Ⓒ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90, 1 1/2"
- Ⓓ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90, 2"
- Ⓔ PROPOSED LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N90, 1 1/4"
- Ⓕ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2 3/4"
- Ⓖ PROPOSED LONGITUDINAL JOINT SEALANT
- Ⓗ PROPOSED BITUMINOUS MATERIAL (TACK COAT)
- Ⓘ PROPOSED SHOULDER REMOVAL AND REPLACEMENT
- Ⓝ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- Ⓚ PROPOSED EXCAVATING AND GRADING EXISTING SHOULDER
- Ⓛ PROPOSED HMA SHOULDER, 8"
- Ⓜ PROPOSED PIPE UNDERDRAIN 4"



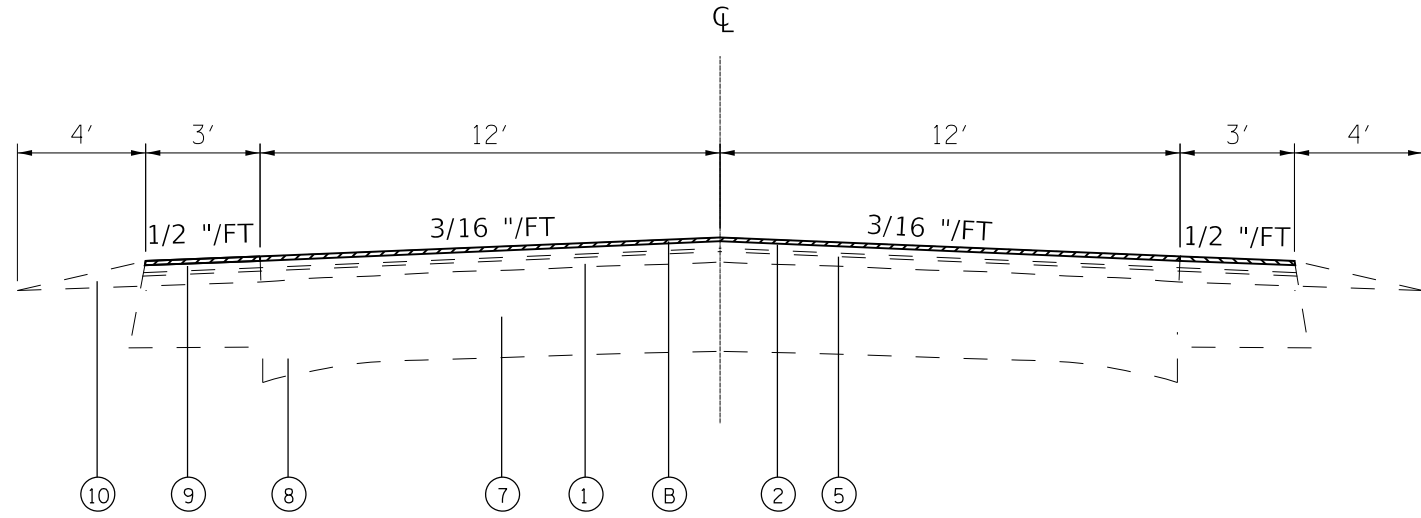
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	DATE -	REVISED -

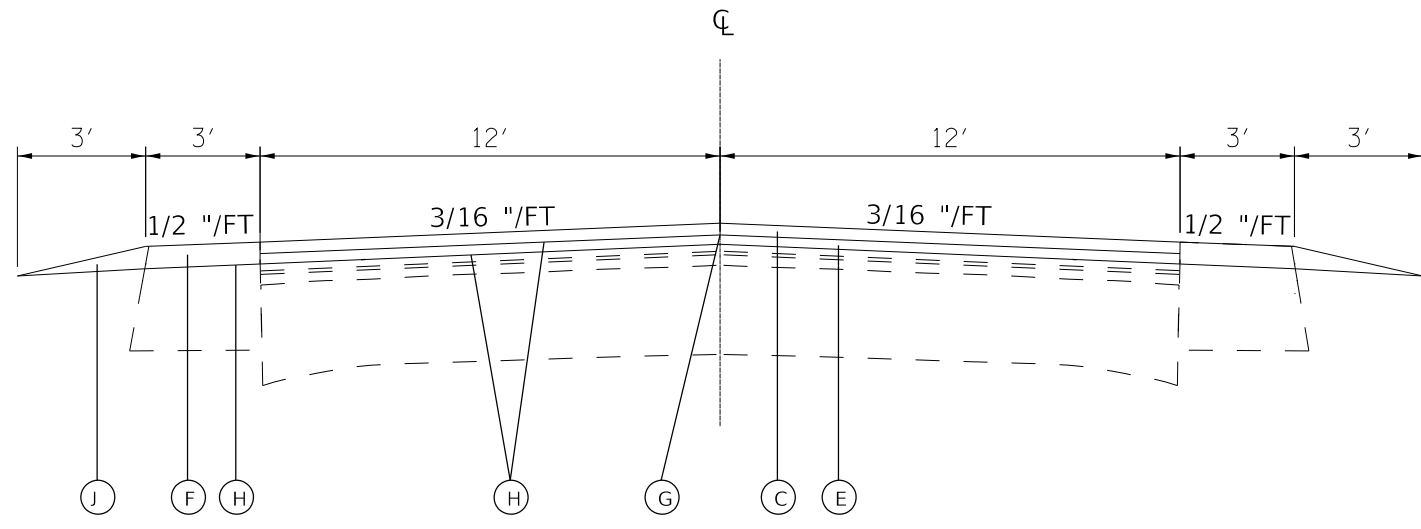
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS	
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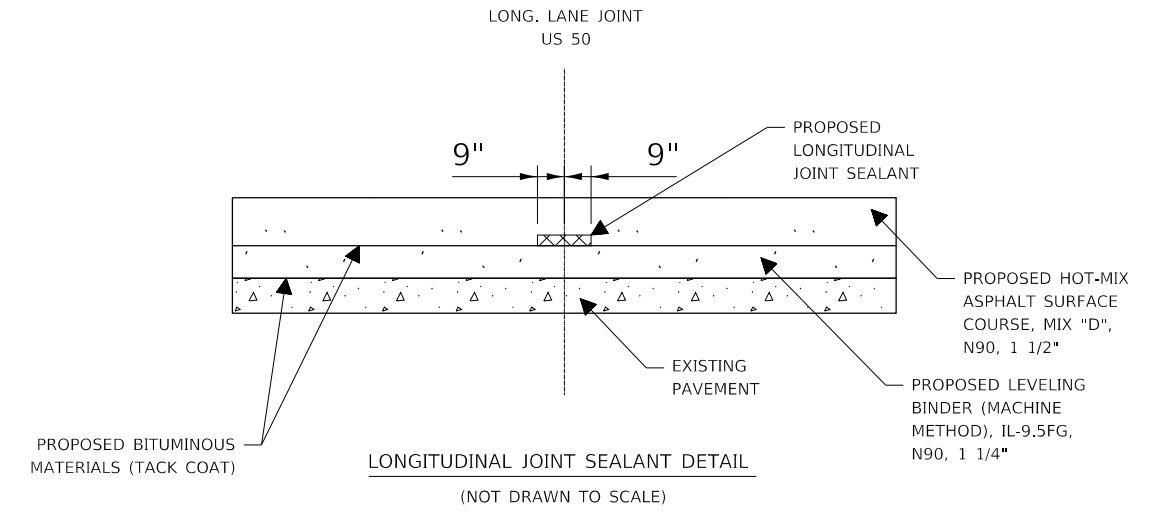
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	15RS-6	MARION	36	9
CONTRACT NO. 76K34				
ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION
STA 1045+48 TO STA 1095+05



PROPOSED TYPICAL SECTION
STA 1045+48 TO STA 1095+05



- LEGEND**
- ① EXISTING HMA SURFACE COURSE, 2"
 - ② EXISTING HMA SURFACE COURSE, MIX "D", N90, 1 1/2"
 - ③ EXISTING HMA SURFACE COURSE, SUPERPAVE, MIX "D", N90, 2"
 - ④ EXISTING PAVEMENT
 - ⑤ EXISTING LEVEL BINDER, MACHINE METHOD, MIX "C", N90, 3/4"
 - ⑥ EXISTING LEVEL BINDER, SUPERPAVE, N90, 3'4"
 - ⑦ EXISTING PCC PAVEMENT, 10"
 - ⑧ EXISTING BASE COURSE WIDENING, 9"
 - ⑨ EXISTING HMA SHOULDER, 9"
 - ⑩ EXISTING AGGREGATE SHOULDERS
 - ⑪ EXISTING PAVEMENT AND RESURFACING (9'-6"-9") PLUS 8" BIT OVERLAY
 - ⑫ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24, SPECIAL
 - ⑬ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - ⑭ EXISTING GEOTECHNICAL FABRIC FOR FRENCH DRAINS
 - ⑮ EXISTING SUB BASE GRANULAR MATERIAL, TYPE A 6"
 - ⑯ EXISTING BITUMINOUS SHOULDER
 - ⑰ EXISTING PCC PAVEMENT, 9 1/4" & PAVEMENT FABRIC
 - Ⓐ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2"
 - Ⓑ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"
 - Ⓒ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90, 1 1/2"
 - Ⓓ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90, 2"
 - Ⓔ PROPOSED LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N90, 1 1/4"
 - Ⓕ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2 3/4"
 - Ⓖ PROPOSED LONGITUDINAL JOINT SEALANT
 - Ⓗ PROPOSED BITUMINOUS MATERIAL (TACK COAT)
 - Ⓘ PROPOSED SHOULDER REMOVAL AND REPLACEMENT
 - Ⓝ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
 - Ⓚ PROPOSED EXCAVATING AND GRADING EXISTING SHOULDER
 - Ⓛ PROPOSED HMA SHOULDER, 8"
 - Ⓜ PROPOSED PIPE UNDERDRAIN 4"

HMA SURFACE REMOVAL
 PAVED SHOULDER REMOVAL

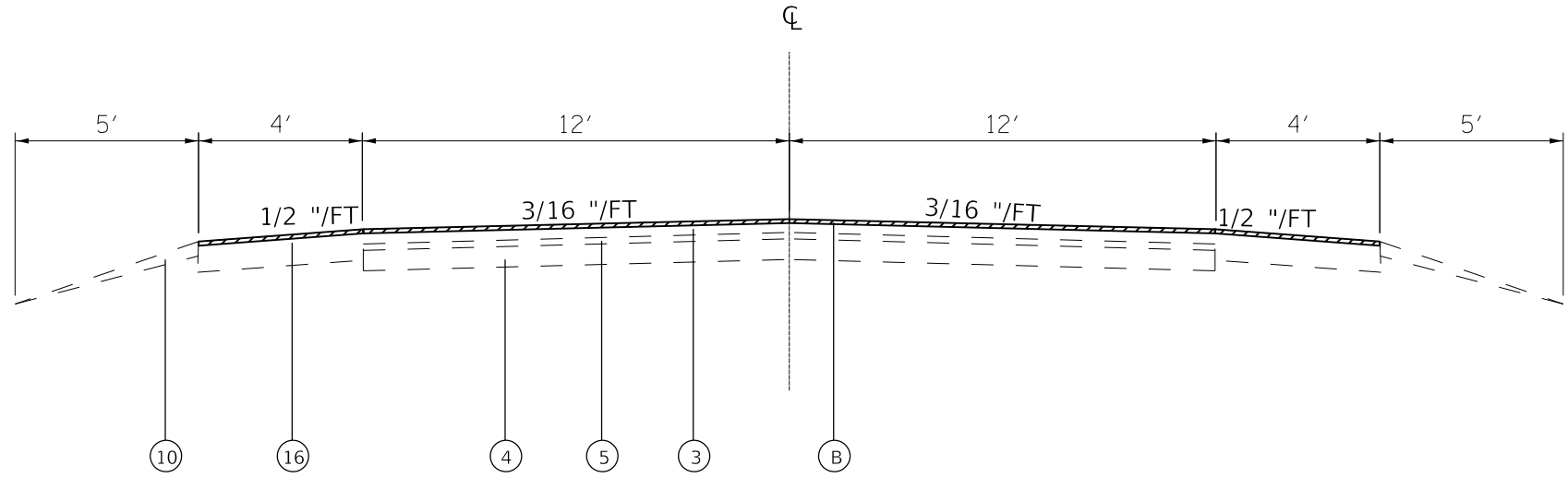
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USER NAME = leej	DESIGNED -	REVISED -
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	DATE -	REVISED -

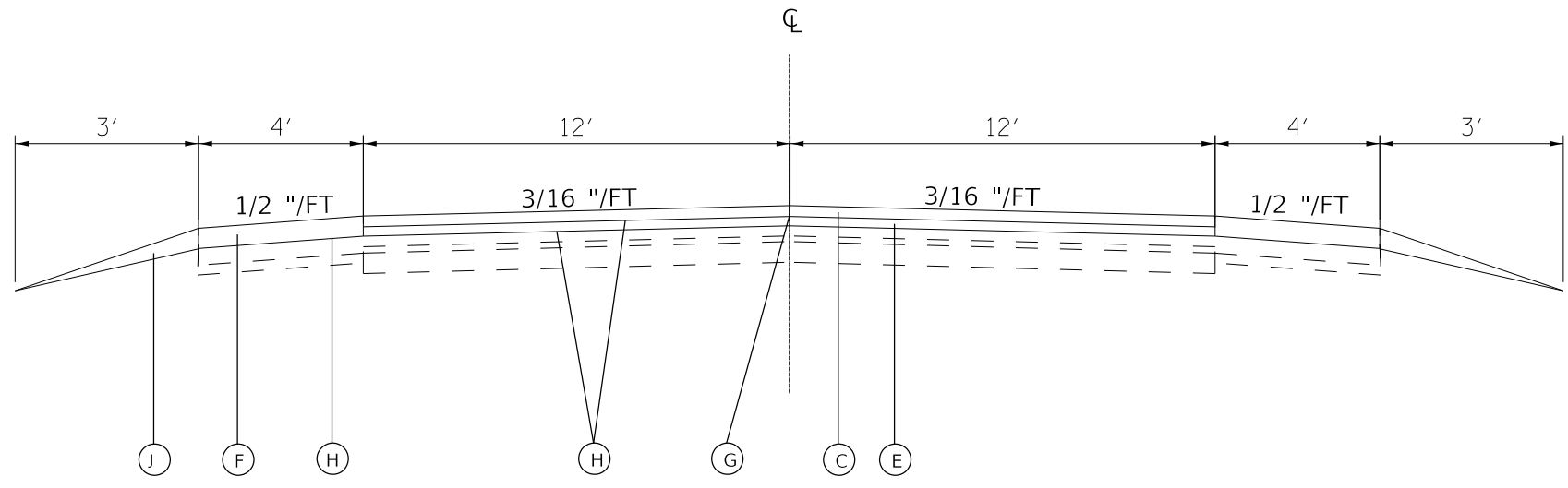
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS	
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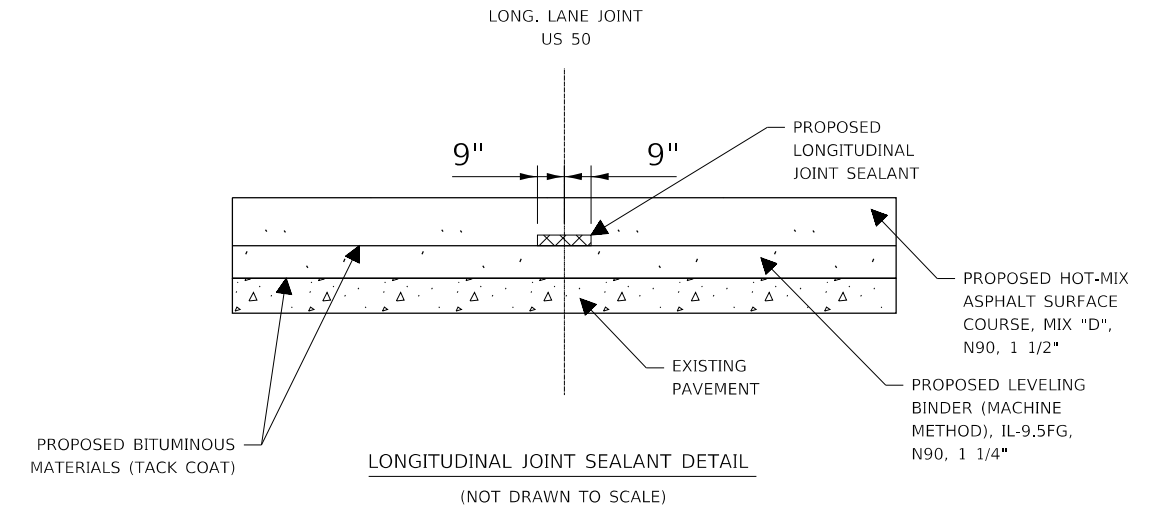
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	15R5-6	MARION	36	10
CONTRACT NO. 76K34				
ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION
 STA 1095+05 TO STA 1101+17.42
 STA 1101+60.42 TO STA 1218+93
 STA 1220+78 TO STA 1254+34



PROPOSED TYPICAL SECTION
 STA 1095+05 TO STA 1101+17.42
 STA 1101+60.42 TO STA 1218+93
 STA 1220+78 TO STA 1254+34



- LEGEND**
- ① EXISTING HMA SURFACE COURSE, 2"
 - ② EXISTING HMA SURFACE COURSE, MIX "D", N90, 1 1/2"
 - ③ EXISTING HMA SURFACE COURSE, SUPERPAVE, MIX "D", N90, 2"
 - ④ EXISTING PAVEMENT
 - ⑤ EXISTING LEVEL BINDER, MACHINE METHOD, MIX "C", N90, 3/4"
 - ⑥ EXISTING LEVEL BINDER, SUPERPAVE, N90, 3'4"
 - ⑦ EXISTING PCC PAVEMENT, 10"
 - ⑧ EXISTING BASE COURSE WIDENING, 9"
 - ⑨ EXISTING HMA SHOULDER, 9"
 - ⑩ EXISTING AGGREGATE SHOULDERS
 - ⑪ EXISTING PAVEMENT AND RESURFACING (9'-6"-9") PLUS 8" BIT OVERLAY
 - ⑫ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24, SPECIAL
 - ⑬ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - ⑭ EXISTING GEOTECHNICAL FABRIC FOR FRENCH DRAINS
 - ⑮ EXISTING SUB BASE GRANULAR MATERIAL, TYPE A 6"
 - ⑯ EXISTING BITUMINOUS SHOULDER
 - ⑰ EXISTING PCC PAVEMENT, 9 1/4" & PAVEMENT FABRIC
 - (A) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2"
 - (B) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"
 - (C) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90, 1 1/2"
 - (D) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90, 2"
 - (E) PROPOSED LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N90, 1 1/4"
 - (F) PROPOSED HOT-MIX ASPHALT SHOULDERS, 2 3/4"
 - (G) PROPOSED LONGITUDINAL JOINT SEALANT
 - (H) PROPOSED BITUMINOUS MATERIAL (TACK COAT)
 - (I) PROPOSED SHOULDER REMOVAL AND REPLACEMENT
 - (J) PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
 - (K) PROPOSED EXCAVATING AND GRADING EXISTING SHOULDER
 - (L) PROPOSED HMA SHOULDER, 8"
 - (M) PROPOSED PIPE UNDERDRAIN 4"

HMA SURFACE REMOVAL
 PAVED SHOULDER REMOVAL

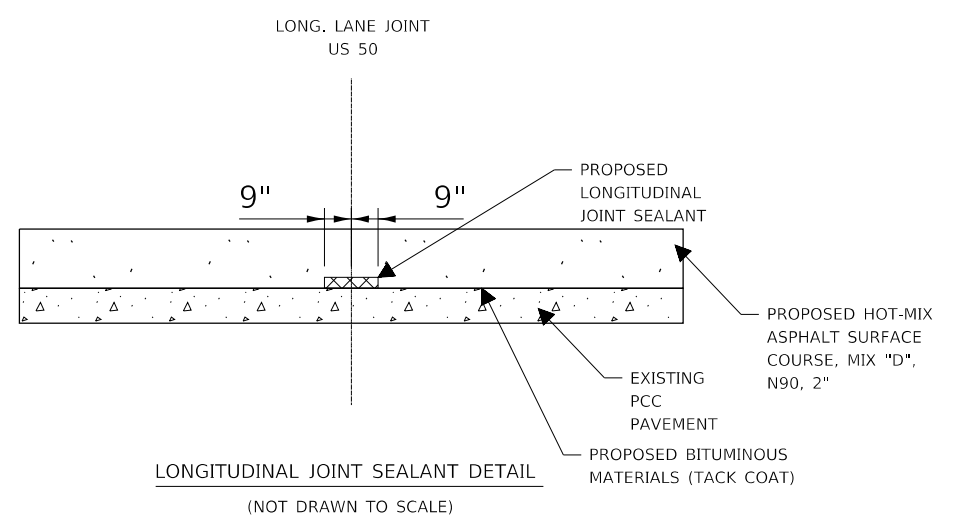
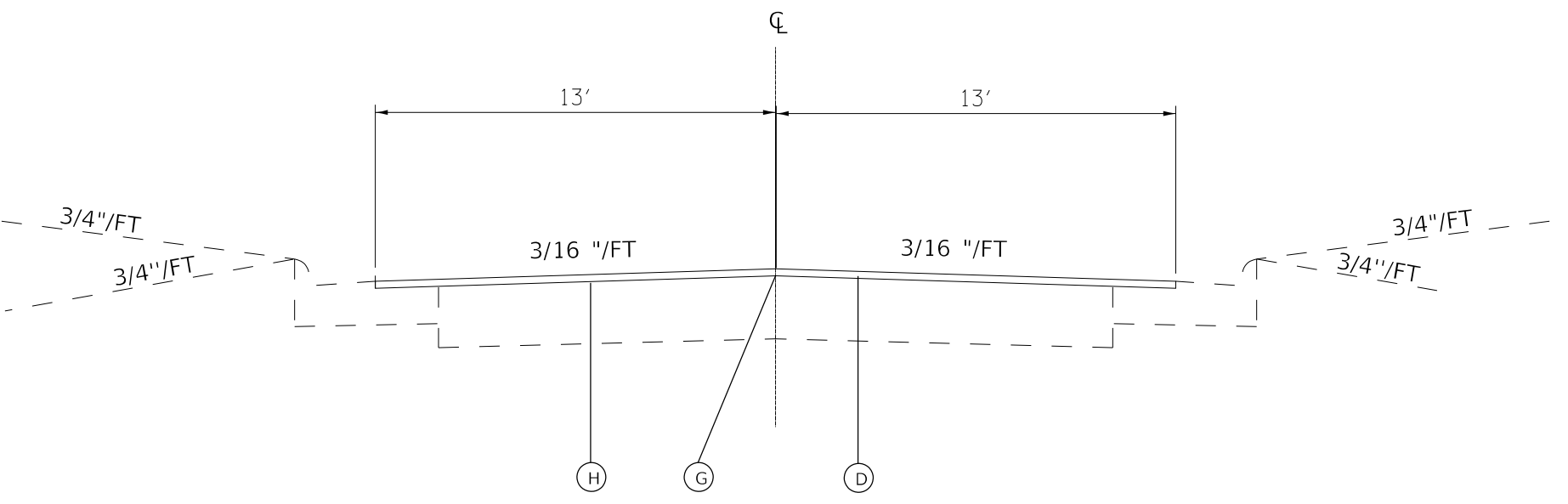
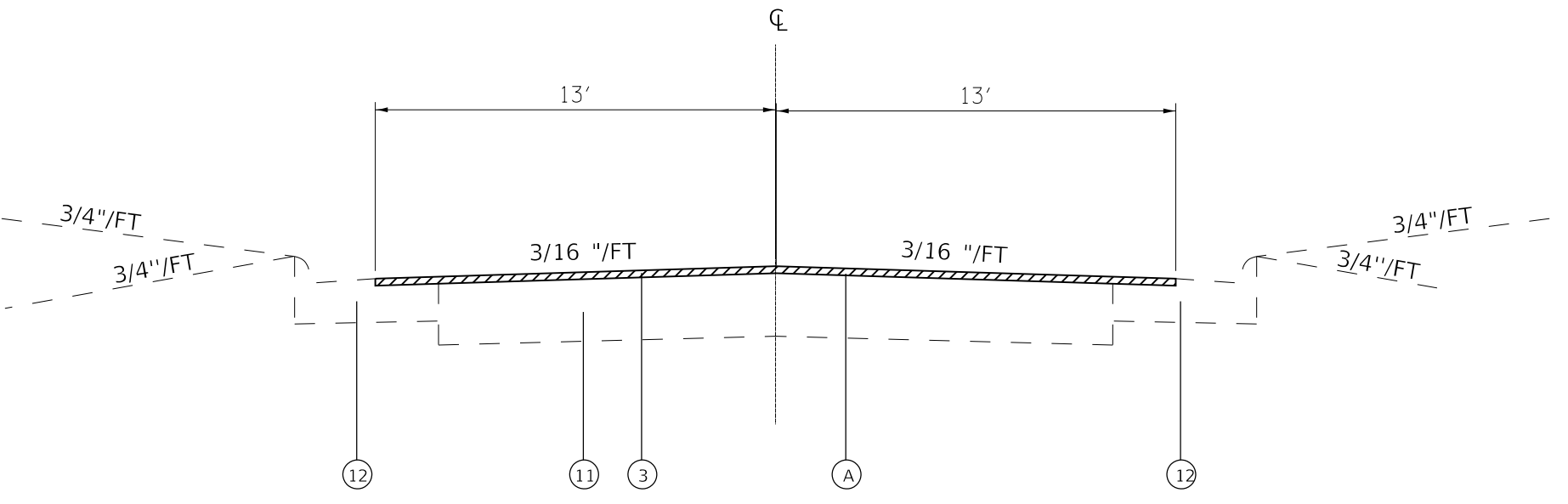
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USER NAME = leej	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/14/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

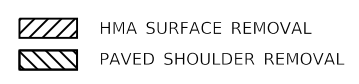
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SCALE:	SHEET 4 OF 6 SHEETS	327A	15RS-6	MARION	36	11
		ILLINOIS		FED. AID PROJECT		

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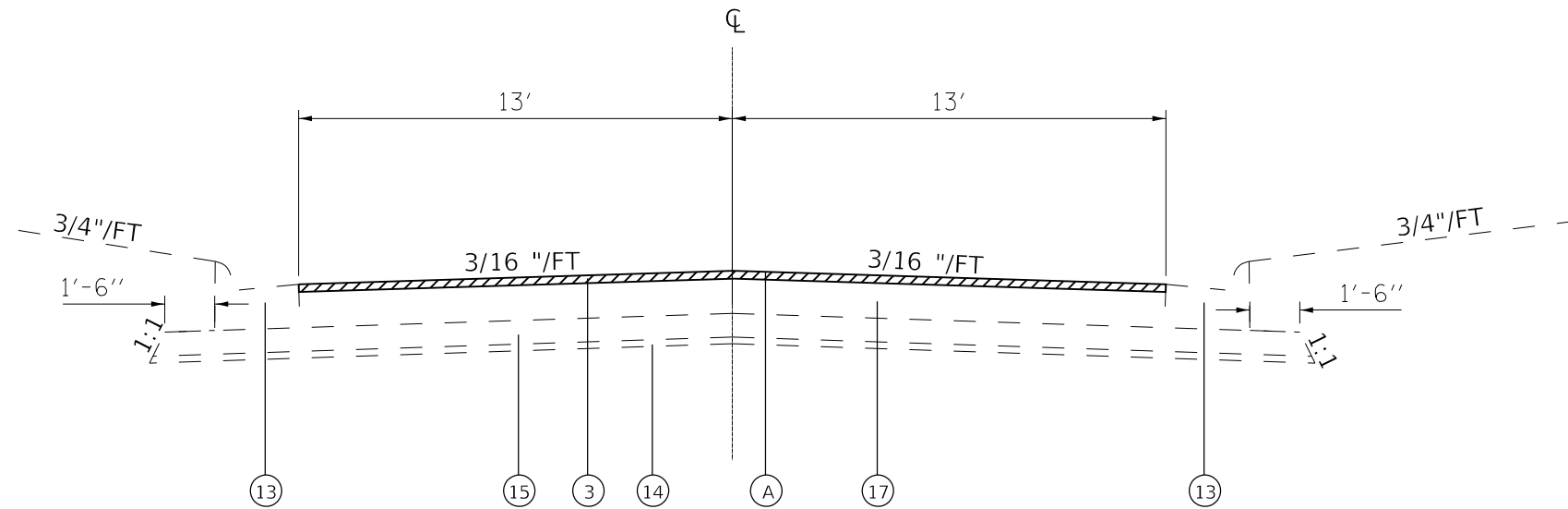


- LEGEND
- (1) EXISTING HMA SURFACE COURSE, 2"
 - (2) EXISTING HMA SURFACE COURSE, MIX "D", N90, 1 1/2"
 - (3) EXISTING HMA SURFACE COURSE, SUPERPAVE, MIX "D", N90, 2"
 - (4) EXISTING PAVEMENT
 - (5) EXISTING LEVEL BINDER, MACHINE METHOD, MIX "C", N90, 3/4"
 - (6) EXISTING LEVEL BINDER, SUPERPAVE, N90, 3/4"
 - (7) EXISTING PCC PAVEMENT, 10"
 - (8) EXISTING BASE COURSE WIDENING, 9"
 - (9) EXISTING HMA SHOULDER, 9"
 - (10) EXISTING AGGREGATE SHOULDERS
 - (11) EXISTING PAVEMENT AND RESURFACING (9'-6"-9") PLUS 8" BIT OVERLAY
 - (12) EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24, SPECIAL
 - (13) EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - (14) EXISTING GEOTECHNICAL FABRIC FOR FRENCH DRAINS
 - (15) EXISTING SUB BASE GRANULAR MATERIAL, TYPE A 6"
 - (16) EXISTING BITUMINOUS SHOULDER
 - (17) EXISTING PCC PAVEMENT, 9 1/4" & PAVEMENT FABRIC

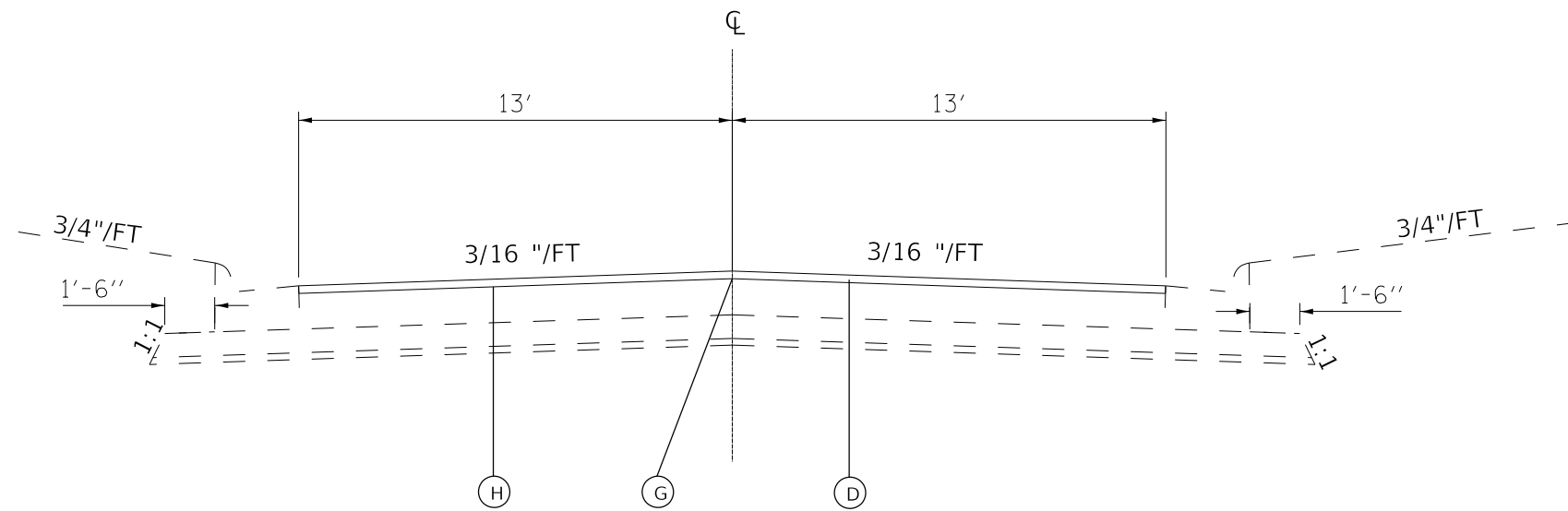
 - (A) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2"
 - (B) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"
 - (C) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90, 1 1/2"
 - (D) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90, 2"
 - (E) PROPOSED LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N90, 1 1/4"
 - (F) PROPOSED HOT-MIX ASPHALT SHOULDERS, 2 3/4"
 - (G) PROPOSED LONGITUDINAL JOINT SEALANT
 - (H) PROPOSED BITUMINOUS MATERIAL (TACK COAT)
 - (I) PROPOSED SHOULDER REMOVAL AND REPLACEMENT
 - (J) PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
 - (K) PROPOSED EXCAVATING AND GRADING EXISTING SHOULDER
 - (L) PROPOSED HMA SHOULDER, 8"
 - (M) PROPOSED PIPE UNDERDRAIN 4"



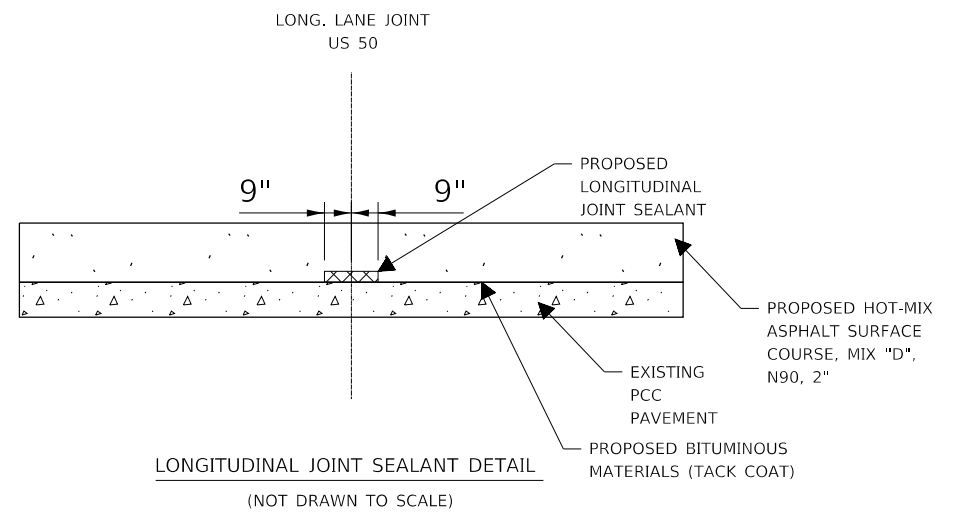
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	CHECKED -	REVISIION -		TO STA.		CONTRACT NO. 76K34				



EXISTING TYPICAL SECTION
STA 1256+26 TO STA 1257+81



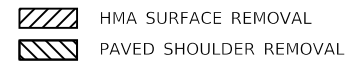
PROPOSED TYPICAL SECTION
STA 1256+26 TO STA 1257+81



LONGITUDINAL JOINT SEALANT DETAIL
(NOT DRAWN TO SCALE)

LEGEND

- ① EXISTING HMA SURFACE COURSE, 2"
- ② EXISTING HMA SURFACE COURSE, MIX "D", N90, 1 1/2"
- ③ EXISTING HMA SURFACE COURSE, SUPERPAVE, MIX "D", N90, 2"
- ④ EXISTING PAVEMENT
- ⑤ EXISTING LEVEL BINDER, MACHINE METHOD, MIX "C", N90, 3/4"
- ⑥ EXISTING LEVEL BINDER, SUPERPAVE, N90, 3'4"
- ⑦ EXISTING PCC PAVEMENT, 10"
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- ⑨ EXISTING HMA SHOULDER, 9"
- ⑩ EXISTING AGGREGATE SHOULDERS
- ⑪ EXISTING PAVEMENT AND RESURFACING (9'-6"-9") PLUS 8" BIT OVERLAY
- ⑫ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24, SPECIAL
- ⑬ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑭ EXISTING GEOTECHNICAL FABRIC FOR FRENCH DRAINS
- ⑮ EXISTING SUB BASE GRANULAR MATERIAL, TYPE A 6"
- ⑯ EXISTING BITUMINOUS SHOULDER
- ⑰ EXISTING PCC PAVEMENT, 9 1/4" & PAVEMENT FABRIC
- (A) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- (B) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"
- (C) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90, 1 1/2"
- (D) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90, 2"
- (E) PROPOSED LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N90, 1 1/4"
- (F) PROPOSED HOT-MIX ASPHALT SHOULDERS, 2 3/4"
- (G) PROPOSED LONGITUDINAL JOINT SEALANT
- (H) PROPOSED BITUMINOUS MATERIAL (TACK COAT)
- (I) PROPOSED SHOULDER REMOVAL AND REPLACEMENT
- (J) PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- (K) PROPOSED EXCAVATING AND GRADING EXISTING SHOULDER
- (L) PROPOSED HMA SHOULDER, 8"
- (M) PROPOSED PIPE UNDERDRAIN 4"



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PLOT DATE = 3/14/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: SHEET 6 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	15R5-6	MARION	36	13
CONTRACT NO. 76K34				
ILLINOIS FED. AID PROJECT				

TEMPORARY RAMP SCHEDULE

MAINLINE:					
URBAN/ RURAL	DIRECTION	STATION	LENGTH	LANE WIDTH	TEMPORARY RAMP
			FEET	FEET	SQ YD
RURAL	RT	952+93.00	10	12	13.33
RURAL	RT	984+69.00	10	12	13.33
RURAL	RT	987+06.00	10	12	13.33
RURAL	RT	1012+64.00	10	12	13.33
RURAL	RT	1014+57.00	10	12	13.33
RURAL	RT	1101+17.42	10	12	13.33
RURAL	RT	1101+60.42	10	12	13.33
URBAN	RT	1218+93.00	10	12	13.33
URBAN	RT	1220+78.00	10	12	13.33
URBAN	RT	1257+81.00	10	13	14.44
RURAL	LT	952+93.00	10	12	13.33
RURAL	LT	984+69.00	10	12	13.33
RURAL	LT	987+06.00	10	12	13.33
RURAL	LT	1012+64.00	10	12	13.33
RURAL	LT	1014+57.00	10	12	13.33
RURAL	LT	1101+17.42	10	12	13.33
RURAL	LT	1101+60.42	10	12	13.33
URBAN	LT	1218+93.00	10	12	13.33
URBAN	LT	1220+78.00	10	12	13.33
URBAN	LT	1257+81.00	10	13	14.44
SUBTOTAL					268.89

SIDE ROADS AND PRIVATE ENTRANCES:						
URBAN/ RURAL	TYPE	LOCATION	NO. OF P.E.'S	LENGTH	LANE WIDTH	TEMPORARY RAMP
			P.E.'S	FEET	FEET	SQ YD
URBAN	SR	S LACKEY ST		2	72	16.00
URBAN	PE	LACKEY TO LAKEWOOD	6	2	373	82.89
URBAN	SR	LAKWOOD AVE		2	70	15.56
URBAN	PE	LAKWOOD TO EDGEWOOD	5	2	294	65.33
URBAN	SR	EDGEWOOD RD		2	70	15.56
URBAN	PE	EDGEWOOD TO ROBIN	8	2	278	61.78
URBAN	SR	ROBIN ROAD		2	45	10.00
URBAN	PE	ROBIN TO 1225 E		2	21	4.67
URBAN	SR	1225 E (NORTH)		2	70	15.56
URBAN	SR	1225 E (SOUTH)		2	65	14.44
URBAN	PE	1225 E TO COUNTRY FARM	14	2	577	128.22
URBAN	SR	COUNTRY FARM RD (NORTH)		2	51	11.33
URBAN	SR	COUNTRY FARM RD (SOUTH)		2	70	15.56
RURAL	PE	COUNTRY FARM TO ESKEW	3	2	115	25.56
RURAL	SR	ESKEW LANE		2	23	5.11
RURAL	PE	ESKEW TO KIM		2	22	4.89
RURAL	SR	KIM LN		2	60	13.33
RURAL	SR	PEACHTREE RD		2	50	11.11
RURAL	PE	PEACHTREE TO 1475 E		2	30	6.67
RURAL	SR	1475 E		2	50	11.11
RURAL	SR	BANNISTER RD (NORTH)		2	66	14.67
RURAL	SR	BANNISTER RD (SOUTH)		2	84	18.67
RURAL	PE	BANNISTER TO KIMMUNDY	3	2	129	28.67
RURAL	SR	FIVE MILE CREEK		2	85	18.89
RURAL	SR	KIMMUNDY RD		2	102	22.67
RURAL	PE	KIMMUNDY TO METCALF	3	2	137	30.44
SUBTOTAL					668.67	
TOTAL					938	

BUTT JOINT SCHEDULE

MAINLINE:					
URBAN/ RURAL	DIRECTION	STATION	LENGTH	LANE WIDTH	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
			FEET	FEET	SQ YD
RURAL	RT	952+93.00	30	12	40.00
RURAL	RT	984+69.00	125	12	166.67
RURAL	RT	987+06.00	125	12	166.67
RURAL	RT	1012+64.00	30	12	40.00
RURAL	RT	1014+57.00	30	12	40.00
RURAL	RT	1101+17.42	30	12	40.00
RURAL	RT	1101+60.42	30	12	40.00
URBAN	RT	1218+93.00	30	12	40.00
URBAN	RT	1220+78.00	30	12	40.00
URBAN	RT	1257+81.00	30	13	43.33
RURAL	LT	952+93.00	30	12	40.00
RURAL	LT	984+69.00	125	12	166.67
RURAL	LT	987+06.00	125	12	166.67
RURAL	LT	1012+64.00	30	12	40.00
RURAL	LT	1014+57.00	30	12	40.00
RURAL	LT	1101+17.42	30	12	40.00
RURAL	LT	1101+60.42	30	12	40.00
URBAN	LT	1218+93.00	30	12	40.00
URBAN	LT	1220+78.00	30	12	40.00
URBAN	LT	1257+81.00	30	13	43.33
SUBTOTAL					1313.33

HMA SIDE ROADS AND PRIVATE ENTRANCES:						
URBAN/ RURAL	TYPE	LOCATION	NO. OF P.E.'S	LENGTH	LANE WIDTH	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
			P.E.'S	FEET	FEET	SQ YD
URBAN	SR	S LACKEY ST		5	72	40.00
URBAN	PE	LACKEY TO LAKEWOOD	6	5	373	207.22
URBAN	SR	LAKWOOD AVE		5	70	38.89
URBAN	PE	LAKWOOD TO EDGEWOOD	5	5	294	163.33
URBAN	SR	EDGEWOOD RD		5	70	38.89
URBAN	PE	EDGEWOOD TO ROBIN	8	5	278	154.44
URBAN	SR	ROBIN ROAD		5	45	25.00
URBAN	PE	ROBIN TO 1225 E		5	21	11.67
URBAN	SR	1225 E (NORTH)		5	70	38.89
URBAN	SR	1225 E (SOUTH)		5	65	36.11
URBAN	PE	1225 E TO COUNTRY FARM	14	5	577	320.56
URBAN	SR	COUNTRY FARM RD (NORTH)		5	51	28.33
URBAN	SR	COUNTRY FARM RD (SOUTH)		5	70	38.89
RURAL	PE	COUNTRY FARM TO ESKEW	3	5	115	63.89
RURAL	SR	ESKEW LANE		5	23	12.78
RURAL	PE	ESKEW TO KIM		5	22	12.22
RURAL	SR	KIM LN		5	60	33.33
RURAL	SR	PEACHTREE RD		5	50	27.78
RURAL	PE	PEACHTREE TO 1475 E		5	30	16.67
RURAL	SR	1475 E		5	50	27.78
RURAL	SR	BANNISTER RD (NORTH)		5	66	36.67
RURAL	SR	BANNISTER RD (SOUTH)		5	84	46.67
RURAL	PE	BANNISTER TO KIMMUNDY	3	5	129	71.67
RURAL	SR	FIVE MILE CREEK		5	85	47.22
RURAL	SR	KIMMUNDY RD		5	102	56.67
RURAL	PE	KIMMUNDY TO METCALF	3	5	137	76.11
SUBTOTAL					1671.67	
TOTAL					2985	

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PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/14/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES		
SCALE:	SHEET 1 OF 6 SHEETS	STA. TO STA.

F.A.P. RTE. 327A	SECTION 15R5-6	COUNTY MARION	TOTAL SHEETS 36	SHEET NO. 14
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76K34	

BUTT JOINT SCHEDULE				
PCC PRIVATE ENTRANCES:				
URBAN/ RURAL	STATION	LENGTH	LANE WIDTH	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT
		FEET	FEET	SQ YD
URBAN	1231+04.62	5	29	145
URBAN	1239+36.67	5	37	185
URBAN	1247+25.74	5	60	300
URBAN	1254+96.35	5	81	405
URBAN	1257+84.42	5	62	310
TOTAL				150

INCIDENTAL PAVING SCHEDULE							
HMA SIDE ROADS AND PRIVATE ENTRANCES:							
URBAN/ RURAL	TYPE	LOCATION	NO. OF P.E.'S	LENGTH	LANE WIDTH	BITUMINOUS MATERIALS (TACK COAT)	INCIDENTAL HOT-MIX ASPHALT SURFACING
			P.E.'S	FEET	FEET	POUND	TON
URBAN	SR	S LACKEY ST		5	72	18.00	5.04
URBAN	PE	LACKEY TO LAKEWOOD	6	5	373	93.25	26.11
URBAN	SR	LAKWOOD AVE		5	70	17.50	4.90
URBAN	PE	LAKWOOD TO EDGEWOOD	5	5	294	73.50	20.58
URBAN	SR	EDGEWOOD RD		5	70	17.50	4.90
URBAN	PE	EDGEWOOD TO ROBIN	8	5	278	69.50	19.46
URBAN	SR	ROBIN ROAD		5	45	11.25	3.15
URBAN	PE	ROBIN TO 1225 E		5	21	5.25	1.47
URBAN	SR	1225 E (NORTH)		5	70	17.50	4.90
URBAN	SR	1225 E (SOUTH)		5	65	16.25	4.55
URBAN	PE	1225 E TO COUNTRY FARM	14	5	577	144.25	40.39
URBAN	SR	COUNTRY FARM RD (NORTH)		5	51	12.75	3.57
URBAN	SR	COUNTRY FARM RD (SOUTH)		5	70	17.50	4.90
RURAL	PE	COUNTRY FARM TO ESKEW	3	5	115	28.75	8.05
RURAL	SR	ESKEW LANE		5	23	5.75	1.61
RURAL	PE	ESKEW TO KIM		5	22	5.50	1.54
RURAL	SR	KIM LN		5	60	15.00	4.20
RURAL	SR	PEACHTREE RD		5	50	12.50	3.50
RURAL	PE	PEACHTREE TO 1475 E		5	30	7.50	2.10
RURAL	SR	1475 E		5	50	12.50	3.50
RURAL	SR	BANNISTER RD (NORTH)		5	66	16.50	4.62
RURAL	SR	BANNISTER RD (SOUTH)		5	84	21.00	5.88
RURAL	PE	BANNISTER TO KIMMUNDY	3	5	129	32.25	9.03
RURAL	SR	KIMMUNDY RD		5	102	25.50	7.14
RURAL	PE	KIMMUNDY TO METCALF	3	5	137	34.25	9.59
SUBTOTAL						731.00	204.68
PCC PRIVATE ENTRANCES:							
URBAN/ RURAL	STATION				BITUMINOUS MATERIALS (TACK COAT)	INCIDENTAL HOT-MIX ASPHALT SURFACING	
					POUND	TON	
URBAN	1231+04.62				7.25	2.03	
URBAN	1239+36.67				9.25	2.59	
URBAN	1247+25.74				15.00	4.20	
URBAN	1254+96.35				20.25	5.67	
URBAN	1257+84.42				15.50	4.34	
SUBTOTAL					67.25	18.83	
TOTAL					799	224	

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USER NAME = leej	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -	REVISED -	327A						15RS-6	MARION	36	15	
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -		SCALE: SHEET 2 OF 6 SHEETS STA. TO STA.				CONTRACT NO. 76K34				
PLOT DATE = 3/14/2019	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

RESURFACING SCHEDULE											
URBAN/ RURAL	STATION	TO	STATION	BITUMINOUS MATERIALS (TACK COAT)	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N90	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	AGGREGATE WEDGE SHOULDER, TYPE B	LONGITUDINAL JOINT SEALANT	MATERIAL TRANSFER DEVICE
				POUND	TON	TON	SQ YD	SQ YD	TON	FOOT	TON
RURAL	952+93.00	TO	984+69.00	7146.00	592.85	711.42	8469.33		266.78	3176.00	1304.28
RURAL	987+06.00	TO	1012+64.00	5755.50	477.49	572.99	6821.33		214.87	2558.00	1050.49
RURAL	1014+57.00	TO	1045+48.00	6954.75	576.99	692.38	8242.67		259.64	3091.00	1269.37
RURAL	1045+48.00	TO	1095+05.00	10409.70	925.31	1110.37	16523.33		416.39	4957.00	2035.67
RURAL	1095+05.00	TO	1101+17.42	1347.32	114.32	137.18	12644.68		51.44	612.42	251.50
RURAL	1101+60.42	TO	1152+08.00	11099.02	941.74	1130.08	17937.81		423.78	5047.58	2071.82
URBAN	1152+08.00	TO	1218+93.00	14712.66	1248.35	1498.02	23778.03		561.76	6685.00	2746.36
URBAN	1220+78.00	TO	1254+34.00	7383.20	626.45	751.74	11790.23		281.90	3356.00	1378.20
URBAN	1254+34.00	TO	1256+26.00	249.60		62.12		670.22		192.00	62.12
URBAN	1256+26.00	TO	1257+81.00	201.50		50.15		447.78		155.00	50.15
LOCATION											
FIVE MILE CREEK ROAD				110.00	38.00						38.00
TOTAL				65370	5542	6717	106208	1118	2477	29830	12259

GUARDRAIL SCHEDULE																
U/R	LOCATION		BRIDGE RAIL REMOVAL	STEEL RAILING, TYPE 2399	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	STRONG POST GUARDRAIL ATTACHED TO CULVERT	TRAFFIC BARRIER TERMINAL, TYPE 6	TRAFFIC BARRIER TERMINAL, TYPE 6A	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	GUARDRAIL REMOVAL	TERMINAL MARKER - DIRECT APPLIED	GUARDRAIL REFLECTORS, TYPE A	CONCRETE CURB, TYPE B	CONCRETE REMOVAL	CONCRETE SUPERSTRUCTURE	REINFORCEMENT BARS, EPOXY COATED
	STRUCTURE NUMBER	DIRECTION	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	FOOT	EACH	EACH	FOOT	FOOT	FOOT	FOOT
U	061-2026	NW QUADRANT			37.5				1		1					
		NE QUADRANT			87.5				1		1					
		SW QUADRANT			50.0				1		1					
		SE QUADRANT			37.5				1		1					
		EB				38.0				313.0		4				
		WB				38.0				313.0		4				
R	061-2009	NW QUADRANT			25.0			1	1	112.5	1	4				
		NE QUADRANT			62.5			1	1	162.5	1	4				
		SW QUADRANT			62.5			1	1	162.5	1	4				
		SE QUADRANT			25.0			1	1	112.5	1	4				
		EB		28.0	28.0									1.2	2.15	230.0
		WB		28.0	28.0									1.2	2.15	230.0
R	061-0038	NW QUADRANT			25.0		1		1	137.5	1	4	12.5			
		NE QUADRANT			62.5		1		1	200.0	1	4	12.5			
		SW QUADRANT			62.5		1		1	212.5	1	4	12.5			
		SE QUADRANT			25.0		1		1	150.0	1	4	12.5			
R	061-0039	NW QUADRANT			25.0		1		1	150.0	1	4	12.5			
		NE QUADRANT			62.5		1		1	225.0	1	4	12.5			
		SW QUADRANT			62.5		1		1	225.0	1	4	12.5			
		SE QUADRANT			25.0		1		1	150.0	1	4	12.5			
TOTAL			56	56	737.5	76	8	4	16	2626	16	56	100	2.4	4.3	460

*U=URBAN R=RURAL

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PLOT DATE = 3/14/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES			
SCALE:	SHEET 3	OF 6 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	15RS-6	MARION	36	16
CONTRACT NO. 76K34				
ILLINOIS FED. AID PROJECT				

SHOULDER SCHEDULE					
URBAN/ RURAL	DIRECTION	STATION	TO	STATION	SHOULDER RUMBLE STRIPS, 8 INCH FOOT
RURAL	EB	952+93.00	TO	959+39.00	646.00
RURAL	EB	959+69.00	TO	960+44.60	75.60
RURAL	EB	960+64.60	TO	966+78.20	613.60
RURAL	EB	966+98.20	TO	967+31.00	32.80
RURAL	EB	967+51.00	TO	984+69.00	1718.00
RURAL	EB	987+06.00	TO	1012+64.00	2558.00
RURAL	EB	1014+57.00	TO	1045+48.00	3091.00
RURAL	EB	1045+48.00	TO	1095+05.00	4957.00
RURAL	EB	1095+05.00	TO	1101+17.42	612.42
RURAL	EB	1101+60.42	TO	1152+08.00	5047.58
URBAN	EB	1152+08.00	TO	1218+93.00	6685.00
URBAN	EB	1220+78.00	TO	1235+53.40	1475.40
URBAN	EB	1235+73.40	TO	1236+06.20	32.80
URBAN	EB	1236+26.20	TO	1242+39.80	613.60
URBAN	EB	1242+59.80	TO	1254+34.00	1174.20
RURAL	WB	952+93.00	TO	973+32.20	2039.20
RURAL	WB	973+72.20	TO	984+69.00	1096.80
RURAL	WB	987+06.00	TO	999+29.40	1223.40
RURAL	WB	999+49.40	TO	1002+46.20	296.80
RURAL	WB	1002+66.20	TO	1002+99.00	32.80
RURAL	WB	1003+19.00	TO	1005+10.20	191.20
RURAL	WB	1005+30.20	TO	1012+64.00	733.80
RURAL	WB	1014+57.00	TO	1016+71.80	214.80
RURAL	WB	1016+91.80	TO	1020+41.40	349.60
RURAL	WB	1020+61.40	TO	1031+93.00	1131.60
RURAL	WB	1032+33.00	TO	1041+53.40	920.40
RURAL	WB	1041+73.40	TO	1045+48.00	374.60
RURAL	WB	1045+48.00	TO	1059+48.60	1400.60
RURAL	WB	1059+68.60	TO	1070+57.40	1088.80
RURAL	WB	1070+77.40	TO	1095+06.20	2428.80
RURAL	WB	1095+06.20	TO	1101+60.42	654.22
RURAL	WB	1110+90.20	TO	1113+34.20	244.00
RURAL	WB	1113+54.20	TO	1122+84.60	930.40
RURAL	WB	1123+04.60	TO	1124+43.00	138.40
RURAL	WB	1124+63.00	TO	1128+65.40	402.40
RURAL	WB	1128+85.40	TO	1138+58.60	973.20
RURAL	WB	1138+98.60	TO	1152+08.00	1309.40
URBAN	WB	1152+08.00		1152+41.40	33.40
URBAN	WB	1152+61.40	TO	1162+54.60	993.20
URBAN	WB	1243+33.00	TO	1254+34.00	1101.00
TOTAL					49636

SHOULDER SCHEDULE						
URBAN/ RURAL	STATION	TO	STATION	EXCAVATING AND GRADING EXISTING SHOULDER UNIT	HOT-MIX ASPHALT SHOULDERS, 8" SQ YD	HOT-MIX ASPHALT SHOULDERS TON
RURAL	952+93.00	TO	984+69.00	63.52	2117.33	
RURAL	987+06.00	TO	1012+64.00	51.16	1705.33	
RURAL	1014+57.00	TO	1045+48.00	61.82	2060.67	
RURAL	1045+48.00	TO	1095+05.00			508.92
RURAL	1095+05.00	TO	1101+17.42			83.83
RURAL	1101+60.42	TO	1152+08.00			690.61
URBAN	1152+08.00	TO	1218+93.00			915.45
URBAN	1220+78.00	TO	1254+34.00			459.40
URBAN	1254+34.00	TO	1256+26.00			
URBAN	1256+26.00	TO	1257+81.00			
TOTAL				177	5884	2659

PIPE UNDERDRAIN SCHEDULE									
URBAN/ RURAL	STATION	TO	STATION	LENGTH	DIRECTION	CONCRETE HEADWALLS FOR PIPE DRAINS EACH	PIPE UNDERDRAINS 4" FOOT	PIPE UNDERDRAINS 4" (SPECIAL) FOOT	SHOULDER REMOVAL AND REPLACEMENT FOOT
RURAL	(DUMS EAST) 987+06.00	TO	(DUMS WEST) 1012+64.00	2558.00	EB		2558.00		2558.00
RURAL	(DUMS EAST) 987+06.00	TO	(DUMS WEST) 1012+64.00	2558.00	WB		2558.00		2558.00
RURAL			992+06.00		EB	1		9	9
RURAL			997+06.00		EB	1		9	9
RURAL			1002+06.00		EB	2		18	18
RURAL			1007+06.00		EB	1		9	9
RURAL			1012+06.00		EB	1		9	9
RURAL			992+06.00		WB	1		9	9
RURAL			997+06.00		WB	1		9	9
RURAL			1002+06.00		WB	2		18	18
RURAL			1007+06.00		WB	1		9	9
RURAL			1012+06.00		WB	1		9	9
TOTAL						12	5116	108	5224

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	DRAWN -	REVISED -
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PLOT DATE = 3/14/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES			
SCALE:	SHEET 4	OF 6 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	15RS-6	MARION	36	17
CONTRACT NO. 76K34				
		ILLINOIS	FED. AID PROJECT	

PAVEMENT MARKING SCHEDULE												
URBAN/ RURAL	STATION	TO	STATION	TEMPORARY PAVEMENT MARKING - LINE 4"			THERMOPLASTIC PAVEMENT MARKING - LINE 4"			TEMPORARY PAVEMENT MARKING REMOVAL		
				SOLID WHITE FOOT	SKIP-DASH YELLOW FOOT	SOLID YELLOW FOOT	SOLID WHITE FOOT	SKIP-DASH YELLOW FOOT	SOLID YELLOW FOOT	SOLID WHITE SQ FT	SKIP-DASH YELLOW SQ FT	SOLID YELLOW SQ FT
RURAL	952+93.00	TO	972+50.00	3914.00		3914.00	3914.00		3914.00	1304.67		1304.67
RURAL	972+50.00	TO	982+20.00	1940.00	220.45	970.00	1940.00	220.45	970.00	646.67	73.48	323.33
RURAL	982+20.00	TO	984+69.00	498.00	56.59		498.00	56.59		166.00	18.86	
RURAL	987+06.00	TO	988+95.00	378.00	42.95		378.00	42.95		126.00	14.32	
RURAL	988+95.00	TO	998+50.00	1910.00	217.05	955.00	1910.00	217.05	955.00	636.67	72.35	318.33
RURAL	998+50.00	TO	999+25.00	150.00	17.05		150.00	17.05		50.00	5.68	
RURAL	999+25.00	TO	1008+40.00	1830.00	207.95	915.00	1830.00	207.95	915.00	610.00	69.32	305.00
RURAL	1008+40.00	TO	1012+64.00	848.00	96.36		848.00	96.36		282.67	32.12	
RURAL	1014+57.00	TO	1015+45.00	176.00	20.00		176.00	20.00		58.67	6.67	
RURAL	1015+45.00	TO	1024+40.00	1790.00	203.41	895.00	1790.00	203.41	895.00	596.67	67.80	298.33
RURAL	1024+40.00	TO	1033+80.00	1880.00	213.64	940.00	1880.00	213.64	940.00	626.67	71.21	313.33
RURAL	1033+80.00	TO	1101+17.42	13474.84	1531.23		13474.84	1531.23		4491.61	510.41	
RURAL	1101+60.42	TO	1152+08.00	8479.24	963.55		8479.24	963.55		2826.41	425.75	
URBAN	1152+08.00	TO	1200+20.00	11239.92	1277.26		11239.92	1277.26		3746.64	321.18	
URBAN	1200+20.00	TO	1205+65.00	1090.00	123.86	545.00	1090.00	123.86	545.00	363.33	41.29	181.67
URBAN	1205+65.00	TO	1210+37.00	944.00	107.27		944.00	107.27		314.67	35.76	
URBAN	1210+37.00	TO	1215+87.00	1100.00	125.00	550.00	1100.00	125.00	550.00	366.67	41.67	183.33
URBAN	1215+87.00	TO	1218+93.00	612.00	69.55		612.00	69.55		204.00	23.18	
URBAN	1220+78.00	TO	1252+65.00	6374.00	724.32		6374.00	724.32		2124.67	241.44	
URBAN	1252+65.00	TO	1254+34.00	338.00	38.41	169.00	338.00	38.41	169.00	112.67	12.80	56.33
URBAN	1254+34.00	TO	1256+62.00		51.82	228.00		51.82	228.00		17.27	76.00
URBAN	1256+62.00	TO	1257+81.00			238.00			238.00			79.33
SUBTOTAL				58966.00	6307.73	10319.00	58966.00	6307.73	10319.00	19655.33	2102.58	3439.67
TOTAL					75593			75593			25198	

PAVEMENT MARKING SCHEDULE							
URBAN/ RURAL	STATION	TO	STATION	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
				FOOT	SQ FT	EACH	EACH
RURAL	952+93.00	TO	984+69.00	1154.91	96.24	39.70	39.70
RURAL	987+06.00	TO	1012+64.00	930.18	77.52	31.98	31.98
RURAL	1014+57.00	TO	1045+48.00	1124.00	93.67	38.64	38.64
RURAL	1045+48.00	TO	1095+05.00	1802.55	150.21	61.96	61.96
RURAL	1095+05.00	TO	1101+17.42	222.70	18.56	7.66	7.66
RURAL	1101+60.42	TO	1152+08.00	1834.55	152.96	63.09	63.09
URBAN	1152+08.00	TO	1218+93.00	2431.84	202.58	83.56	83.56
URBAN	1220+78.00	TO	1254+34.00	1220.36	101.70	41.95	41.95
URBAN	1254+34.00	TO	1256+26.00	52.36	5.82	2.40	2.40
URBAN	1256+26.00	TO	1257+81.00	42.27	4.70	1.94	1.94
TOTAL				10816	904	373	373

PAVEMENT MARKING SCHEDULE					
URBAN/ RURAL	STATION	TO	STATION	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	
				SKIP-DASH YELLOW FOOT	SOLD WHITE FOOT
RURAL	984+69.00	TO	987+06.00	59.00	474.00
RURAL	1012+64.00	TO	1014+57.00	49.00	386.00
RURAL	1101+17.42	TO	1101+60.42	10.00	86.00
URBAN	1218+93.00	TO	1220+78.00	46.00	370.00
SUBTOTAL				164	1316
TOTAL				1480	

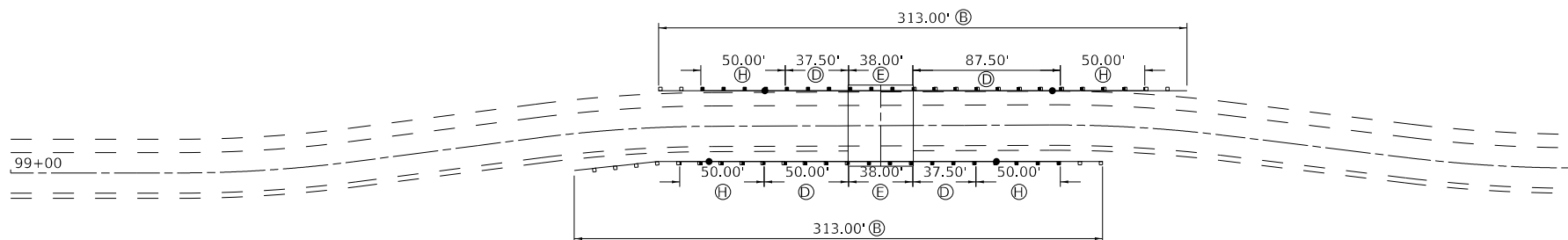
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USER NAME = leej	DESIGNED -	REVISED -
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PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/14/2019	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCHEDULES			
SCALE:	SHEET 6	OF 6	SHEETS
STA.	TO STA.		

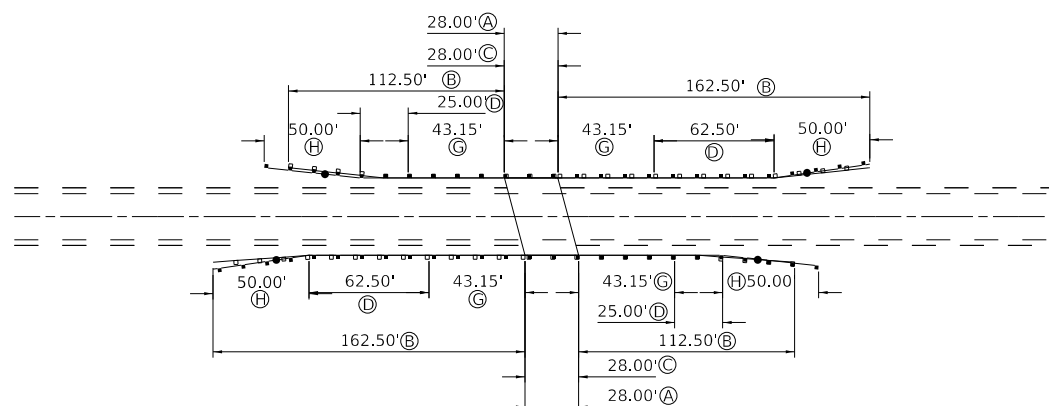
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	15RS-6	MARION	36	19
CONTRACT NO. 76K34				
ILLINOIS FED. AID PROJECT				



• = LON POINT

LENGTH OF NEED	
QUADRANT	FEET
NW	49.6
SW	82.7
NE	82.7
SE	49.6

SN 061-2026
LACKEY CREEK



• = LON POINT

LENGTH OF NEED	
QUADRANT	FEET
NW	93.8
SW	131.4
NE	131.4
SE	93.8

SN 061-2009
BRUBAKER CREEK

- (A) BRIDGE RAIL REMOVAL
- (B) GUARDRAIL REMOVAL
- (C) STEEL RAILING, TYPE 2399
- (D) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- (E) STRONG POST GUARDRAIL ATTACHED TO CULVERT
- (F) TRAFFIC BARRIER TERMINAL, TYPE 6
- (G) TRAFFIC BARRIER TERMINAL, TYPE 6A
- (H) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
- (I) CONCRETE CURB, TYPE B (12.5')

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

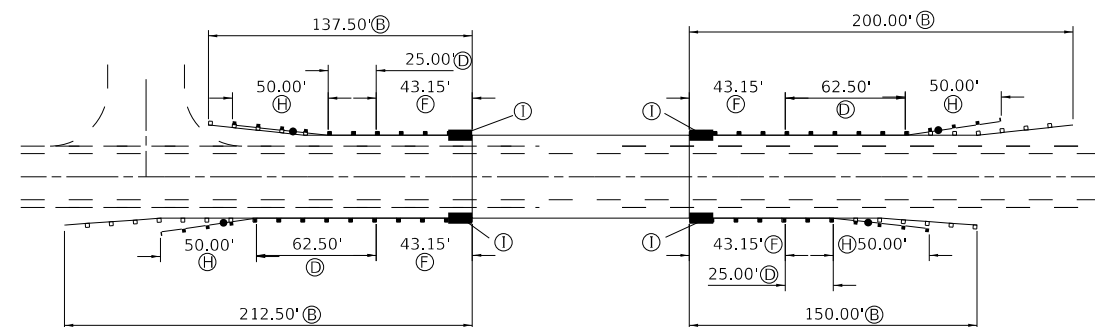
GUARDRAIL DETAILS

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	15RS-6	MARION	36	20
CONTRACT NO. 76K34				
ILLINOIS FED. AID PROJECT				

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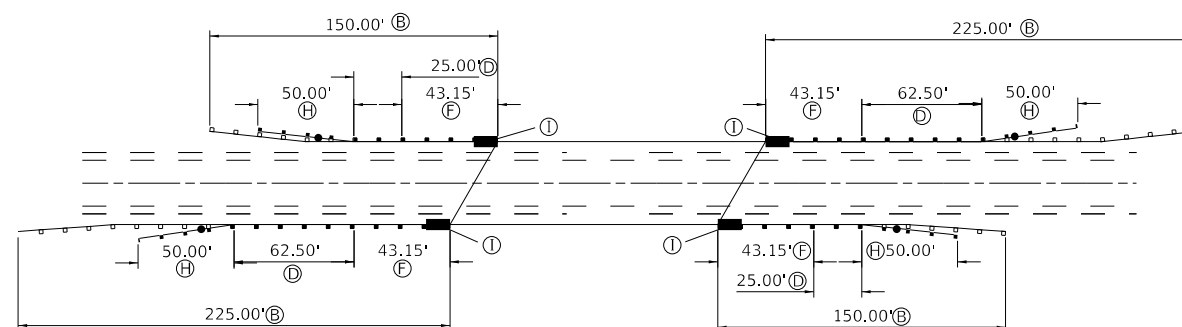
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	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/19/2019	DATE -	REVISED -



• = LON POINT

LENGTH OF NEED	
QUADRANT	FEET
NW	93.8
SW	131.4
NE	131.4
SE	93.8

SN 061-0038
DUMS CREEK WEST



• = LON POINT

LENGTH OF NEED	
QUADRANT	FEET
NW	93.8
SW	131.4
NE	131.4
SE	93.8

SN 061-0039
DUMS CREEK EAST

- (A) BRIDGE RAIL REMOVAL
- (B) GUARDRAIL REMOVAL
- (C) STEEL RAILING, TYPE 2399
- (D) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- (E) STRONG POST GUARDRAIL ATTACHED TO CULVERT
- (F) TRAFFIC BARRIER TERMINAL, TYPE 6
- (G) TRAFFIC BARRIER TERMINAL, TYPE 6A
- (H) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
- (I) CONCRETE CURB, TYPE B (12.5')

MODEL: Default
 FILE: Model: 327A.dwg
 PROJECT: 327A
 USER: leej
 DATE: 3/19/2019
 PLOT DATE: 3/19/2019

USER NAME = leej	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/19/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL DETAILS

SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	15RS-6	MARION	36	21
CONTRACT NO. 76K34				
ILLINOIS FED. AID PROJECT				

Existing Structure: 061-2009 was built in 1952, FA Route 13 Sec 15-2.
It is a 2 bay reinforced concrete culvert.

The curb & rail shall be replaced with a Curb Mounted Steel Rail, Type 2399. The existing HMA shall be milled $\frac{1}{2}$ " and $2\frac{3}{4}$ " of HMA placed on top.

GENERAL NOTES

Reinforcement bars designated (E) shall be epoxy coated.

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

Existing reinforcement extending into removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal operations shall be repaired or replaced using an approved bar splicer or anchorage system. Cost included with "Concrete Removal".

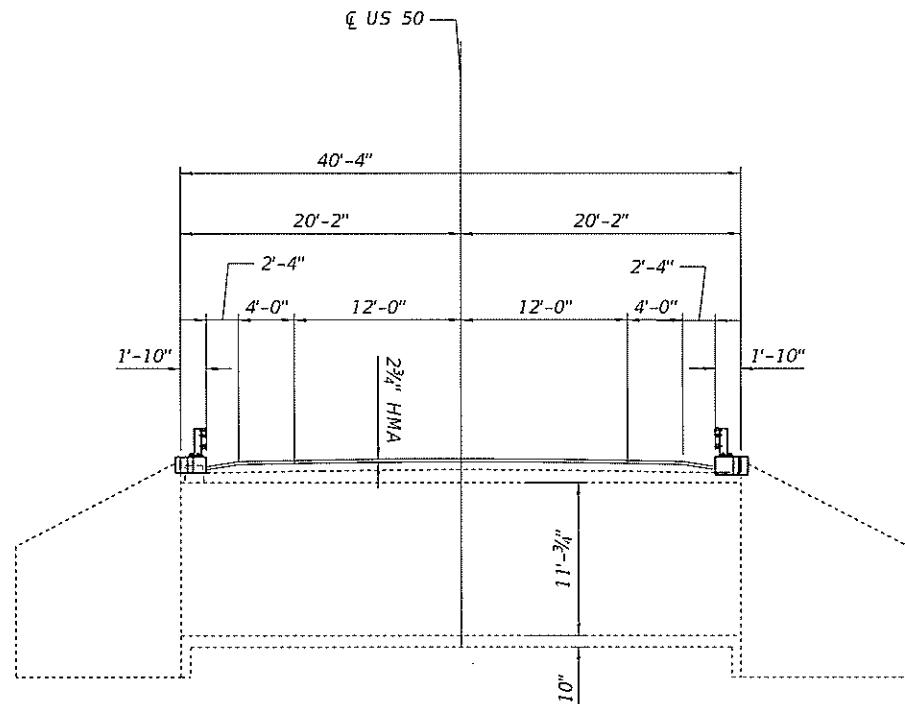
SHEET INDEX

- 1) General Plan and Elevation
- 2) Elevation
- 3) Cross Section
- 4) Curb Details
- 5) Steel Railing, Type 2399
- 6) For Information Only- Ex GP&E

DESIGN STRESSES

FIELD UNITS

$f'_c = 4,000$ psi
 $f_y = 60,000$ psi (Reinforcement)

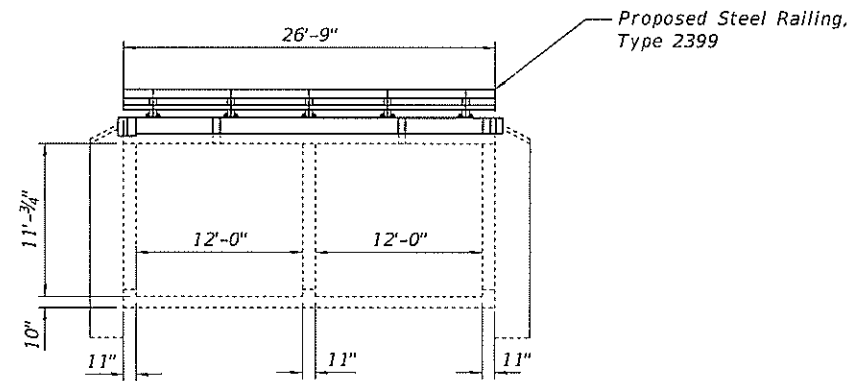


ELEVATION

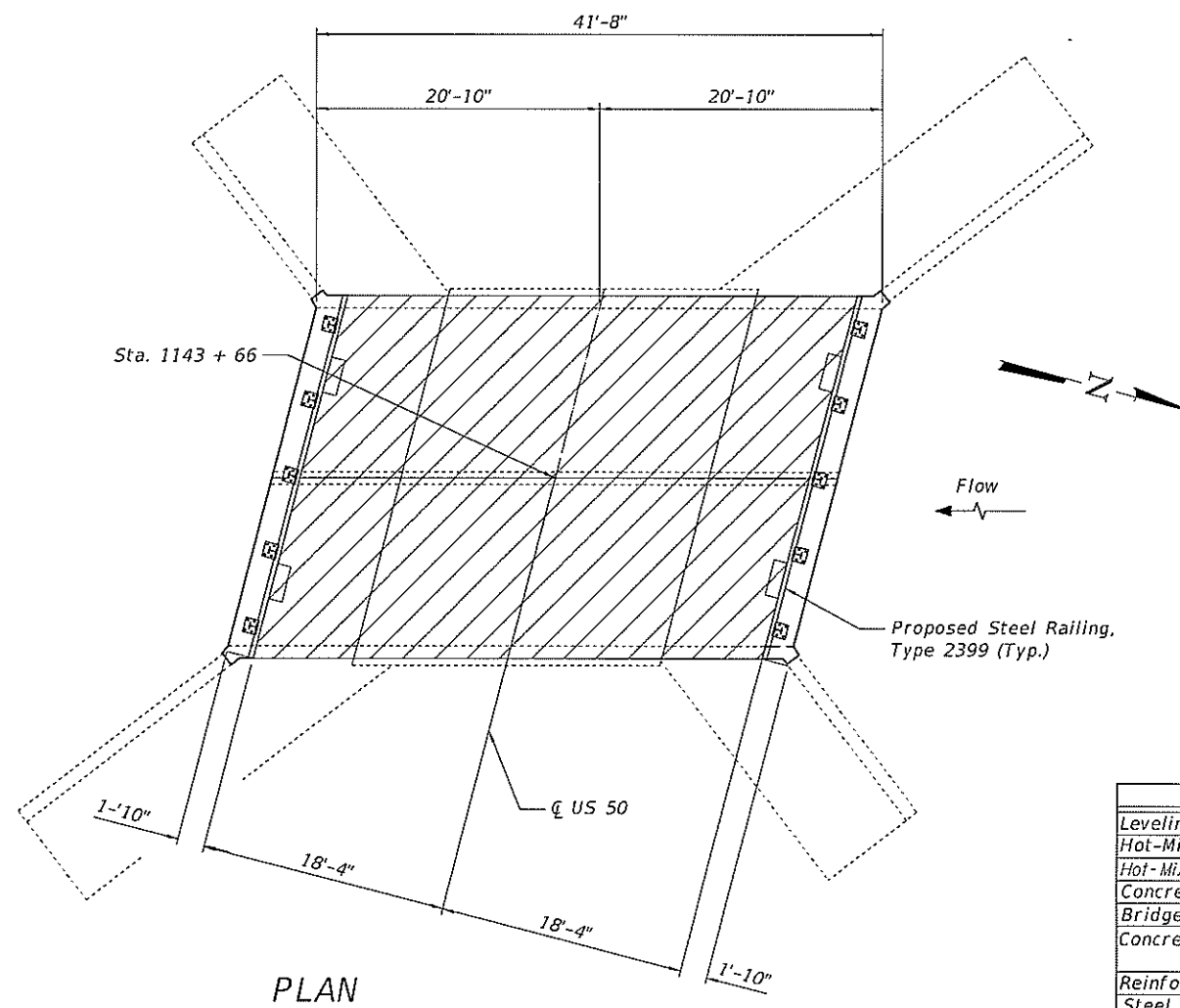
(Looking West)
(Horizontal dimensions are at Rt. L's to \bar{C} Rdwy)

HMA Removal & Replacement

Ex. 3" x 6" Formed Opening to remain. (4 Req'd)

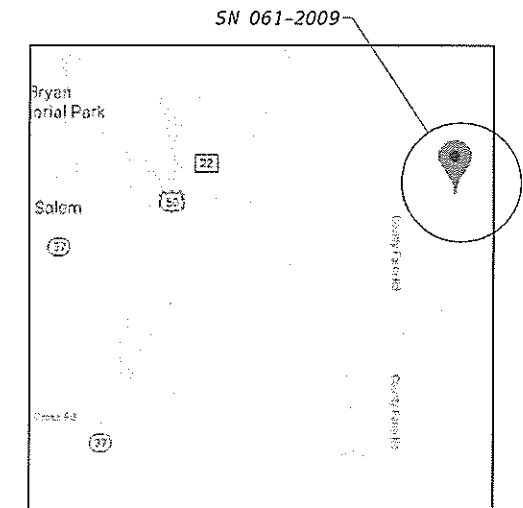


BOX CULVERT CROSS SECTION



PLAN

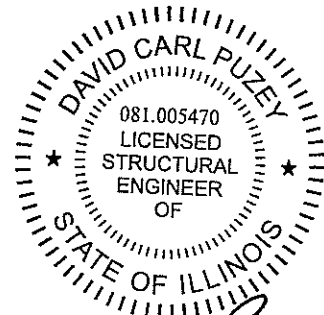
Remove existing metal bridge rail and metal bridge rail post on culvert. Install new curb-mounted Steel Railing, Type 2399



LOCATION SKETCH

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Leveling Binder (Machine Method), IL-9.5 FG, N90	Ton	8
Hot-Mix Asphalt Surface Course, Mix "D"	Ton	10
Hot-Mix Asphalt Surface Removal, $\frac{1}{2}$ "	Sq. Yd.	114
Concrete Removal	Cu. Yd.	2.4
Bridge Rail Removal	Foot	56
Concrete Superstructure	Cu. Yd.	4.3
Reinforcement Bars, Epoxy Coated	Pound	460
Steel Railing, Type 2399	Foot	56



David Carl Puzey 5/6/19
Expires 11/30/20

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PLOT SCALE = 0:2.0000 " = 1"	DRAWN - AYV	REVISED -
PLOT DATE = 5/2/2019	CHECKED - JSB	REVISED -
	DATE -	REVISED -

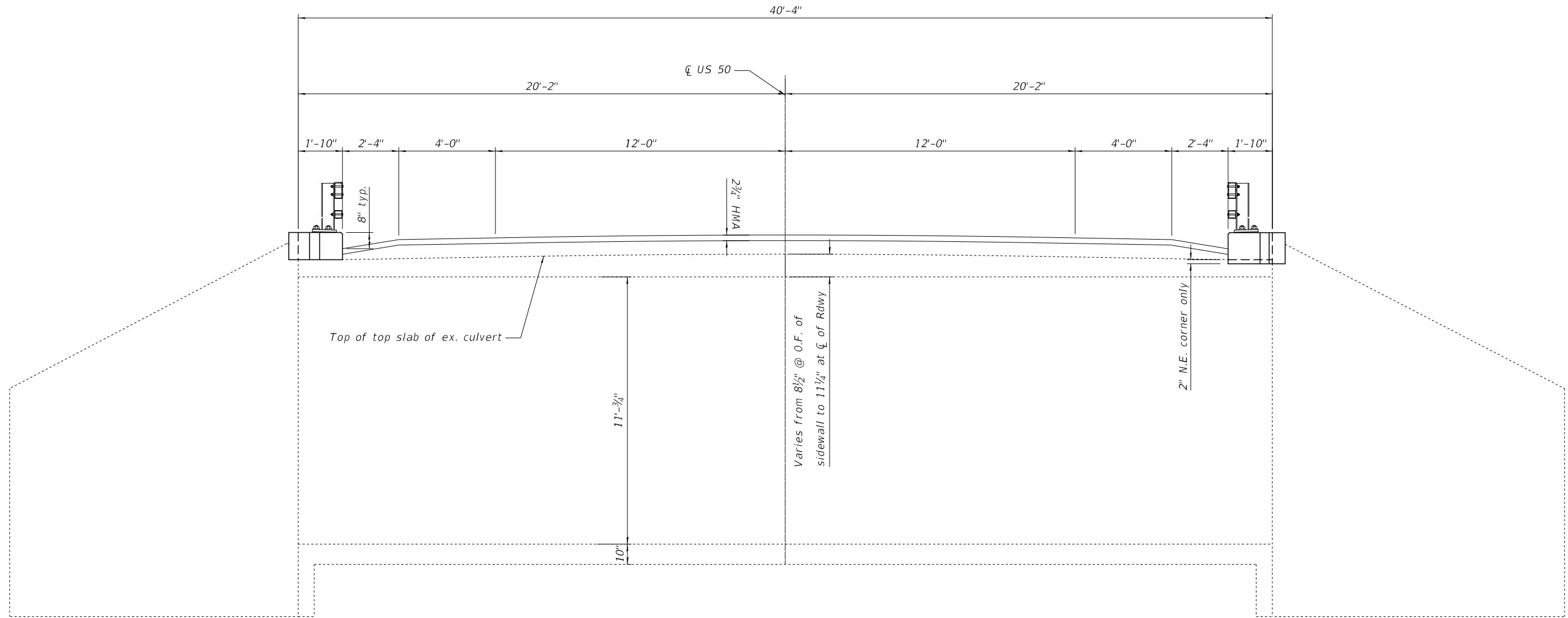
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL PLAN & ELEVATION (US 50 over Brubaker Creek)
SN 061-2009**

SCALE: 1:1 SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327 A	15RS-6	Marion	36	22
76K34			ILLINOIS FED. AID PROJECT	

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ELEVATION

Looking West
 (Horizontal dimensions are at Rt. L's to CL Rdwy)

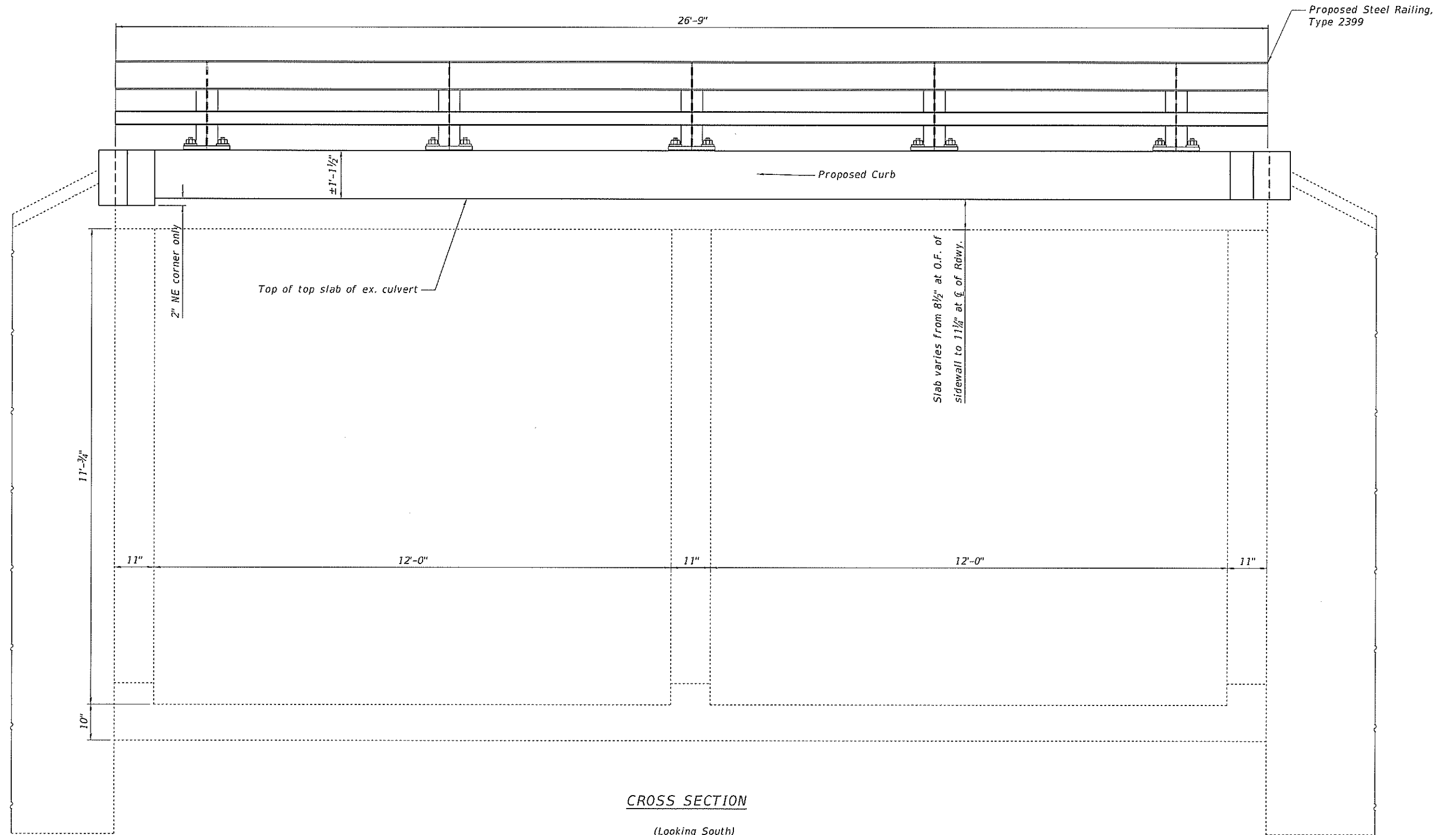
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	DRAWN - AYV	REVISED -
PLOT SCALE = 4:6.0000 " = 1" / in.	CHECKED -	REVISED -
PLOT DATE = 5/2/2019	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ELEVATION SN 061-2009			
SCALE:	SHEET 2	OF 6 SHEETS	STA. TO STA.

F.A.P. RTE. 327 A	SECTION 15RS-6	COUNTY MARION	TOTAL SHEETS 36	SHEET NO. 23
CONTRACT NO. 76K34			ILLINOIS FED. AID PROJECT	



CROSS SECTION

(Looking South)

MODEL: 0612009-76K34-003
 FILE: \\ms01\ammon\ba\lilms\pwr\FWIDOT\Documents\BDDT_0\lilms\Drawn\BDDT_0\Projects\0612009-76K34.dwg

USER NAME	vinsonay	DESIGNED -	AYV	REVISED -	
		DRAWN -	AYV	REVISED -	
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PLOT DATE	5/2/2019	DATE -		REVISED -	

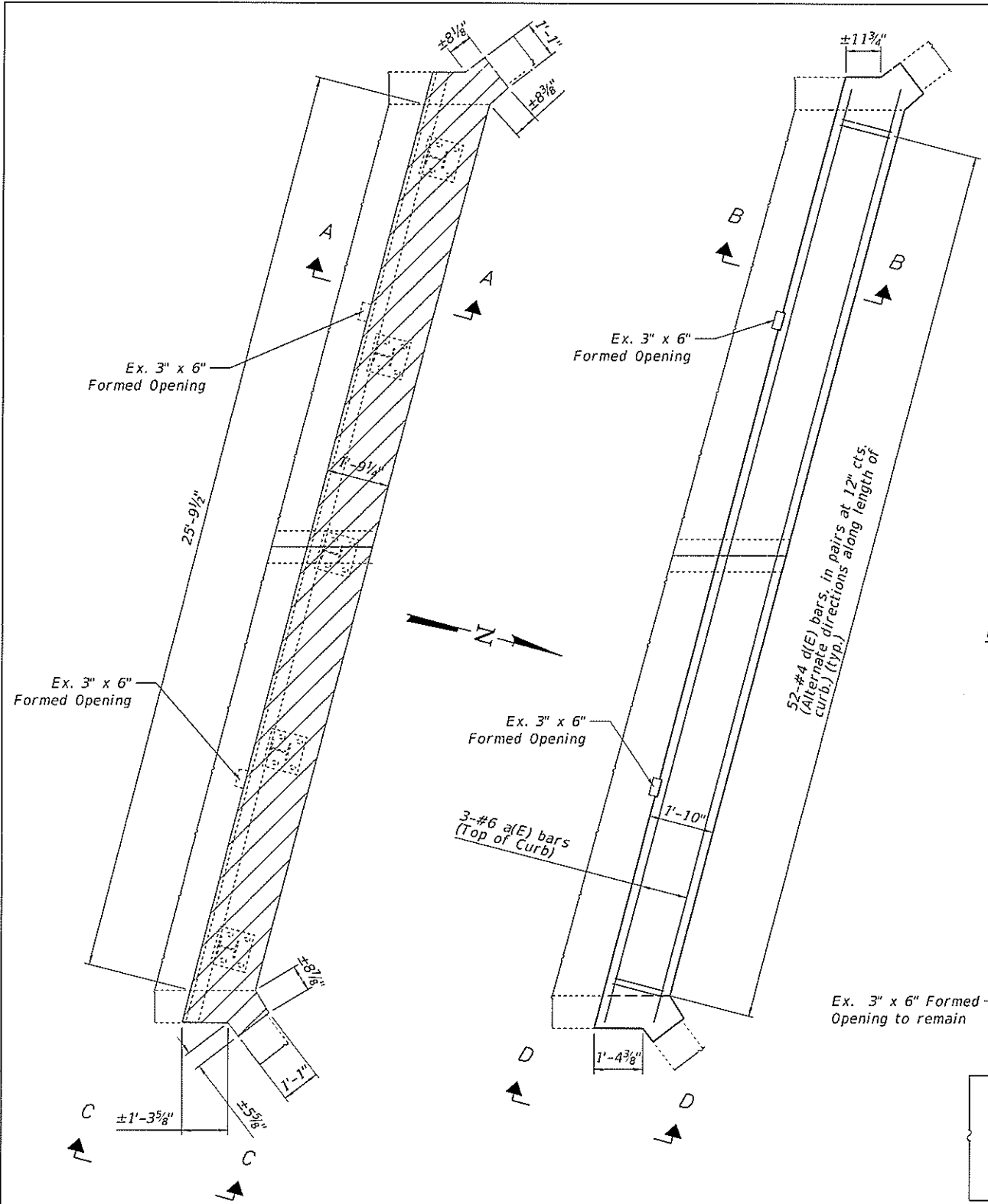
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTION
 SN 061-2009**

SCALE: SHEET 3 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327 A	15R5-6	MARION	36	24
CONTRACT NO. 76K34				
ILLINOIS FED. AID PROJECT				

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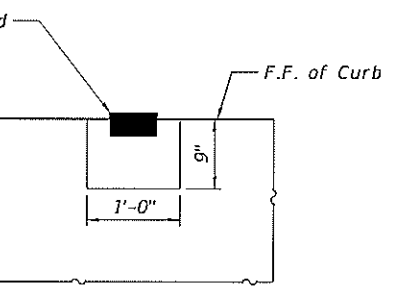


CONCRETE REMOVAL

(North curb shown, South curb similar by 180° rotation. Except as noted.)

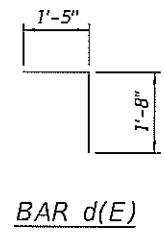
CONCRETE REPLACEMENT

(North curb shown, South curb similar by 180° rotation. Except as noted.)

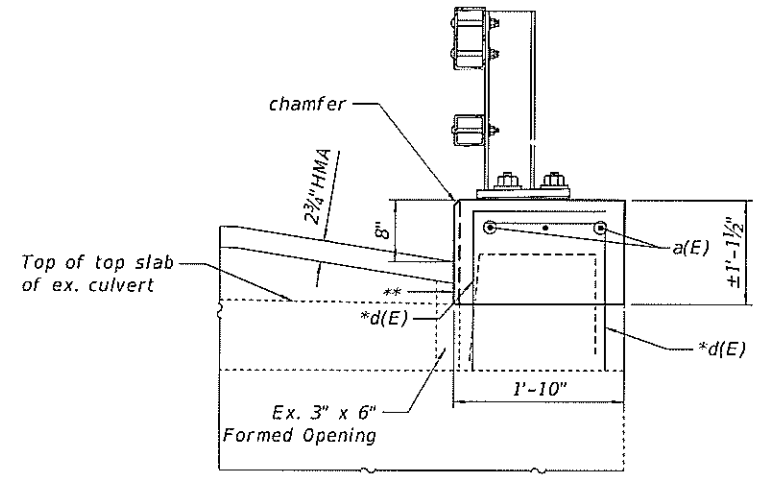


DRAIN DETAIL

Slope to drain with 1" minimum HMA at drain edge
(4 Req'd)



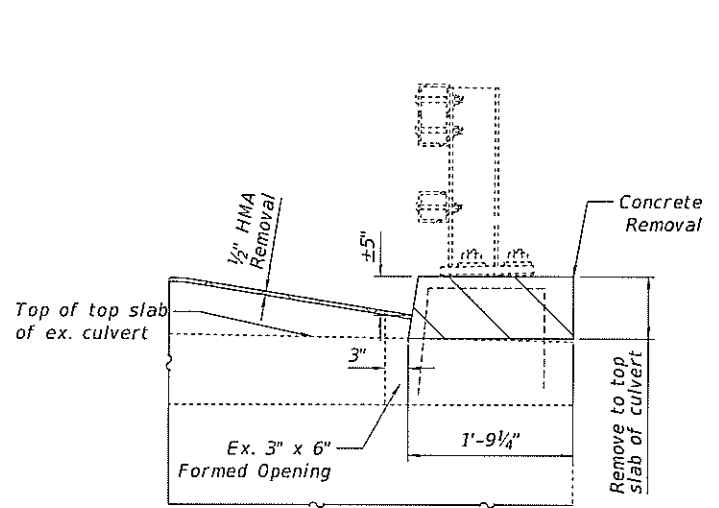
BAR d(E)



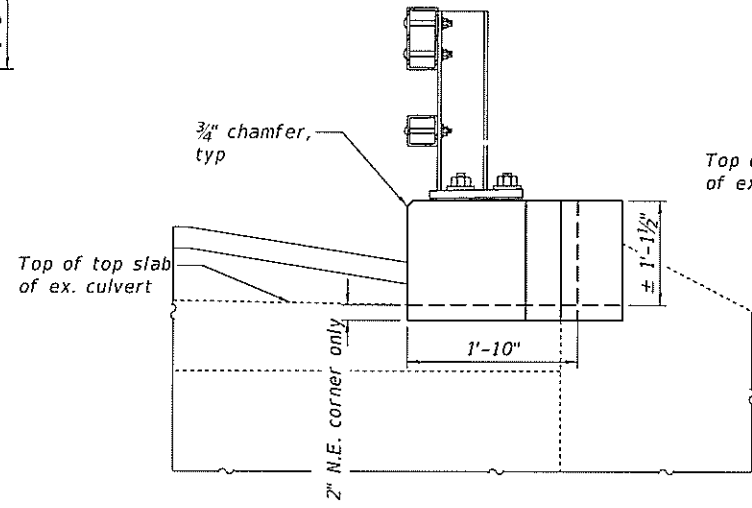
SECTION B-B

* Epoxy grout d(E) bars in 9" min. holes according to Article 584 of the Standard Specifications.

** Form to allow drainage

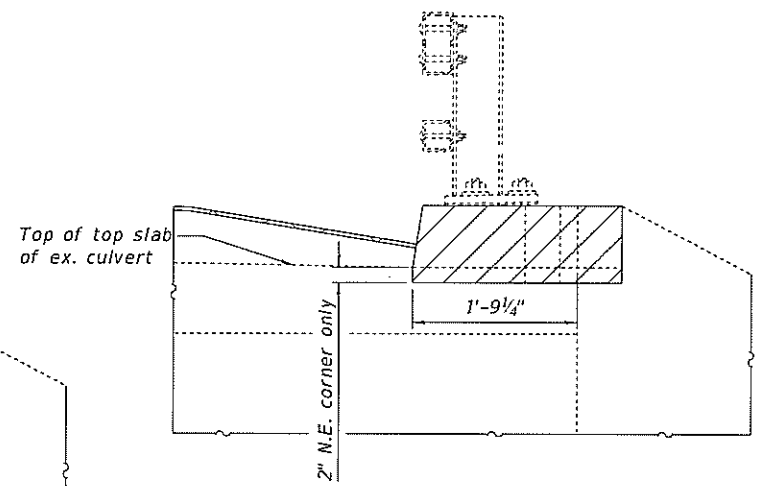


SECTION A-A



VIEW D-D

(NE & SW shown. NW & SE similar, except as noted)



VIEW C-C

(NE & SW shown. NW & SE similar, except as noted)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape	
a(E)	6	#6	27'-2"		
d(E)	104	#4	3'-1"		
Leveling Binder (Machine Method), IL-9.5 FG, N90				Ton	8
Hot-Mix Asphalt Surface Course, Mix "D", N90				Ton	10
Hot-Mix Asphalt Surface Removal, 1/2"				Sq. Yd.	114
Concrete Removal				Cu. Yd.	2.4
Bridge Rail Removal				Foot	56
Concrete Superstructure				Cu. Yd.	4.3
Reinforcement Bars, Epoxy Coated				Pound	460
Steel Railing, Type 2399				Foot	56

Concrete Removal

HMA Surface Removal, 1/2"

USER NAME = vmsanay	DESIGNED - AYW	REVISED -
DRAWN - AYW	CHECKED -	REVISED -
PLOT SCALE = 4:0.0000 1" = 4'	DATE -	REVISED -
PLOT DATE = 5/22/2019		

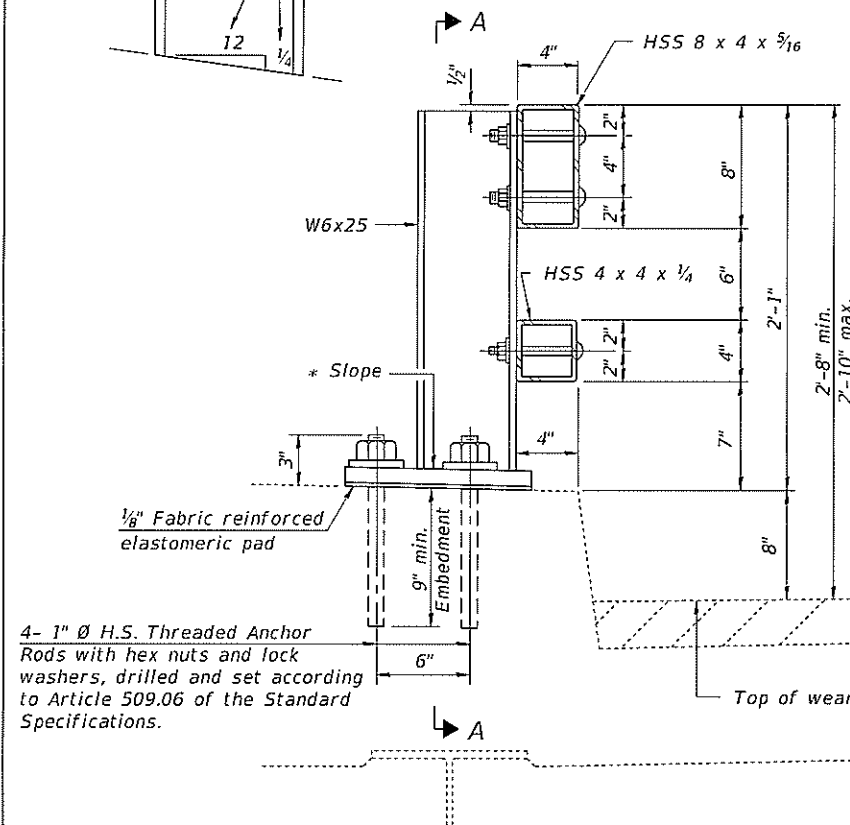
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CURB DETAILS
SN 061-2009**

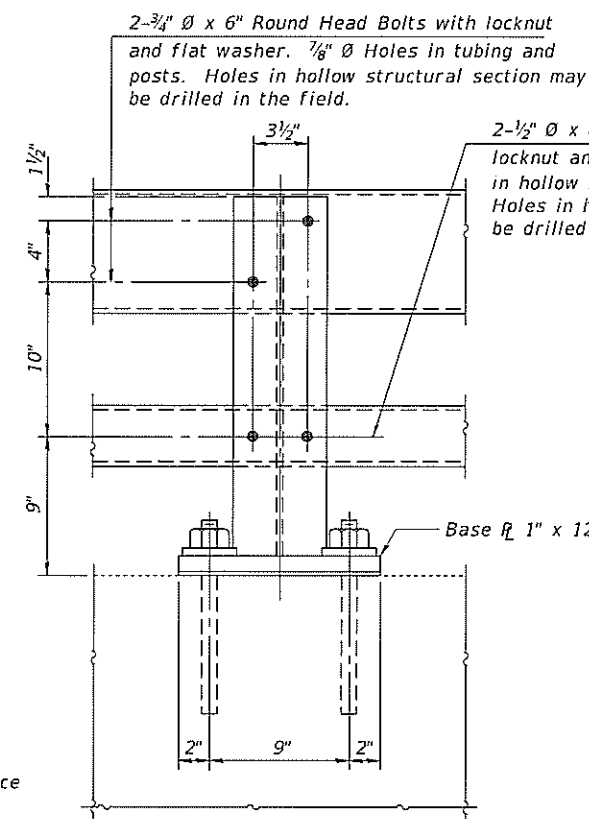
F.A.P. RTE. 327 A	SECTION 15RS-6	COUNTY MARION	TOTAL SHEETS 36	SHEET NO. 25
CONTRACT NO. 76K34				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 4 OF 6 SHEETS STA. TO STA.

* Cut bottom end of post to curb slope.



SECTION AT RAIL POST

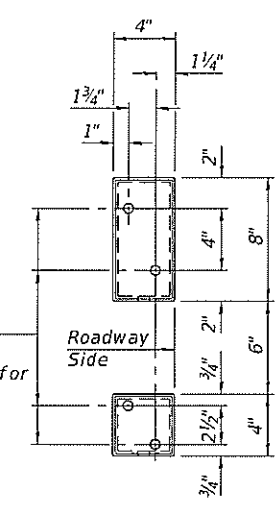


SECTION A-A

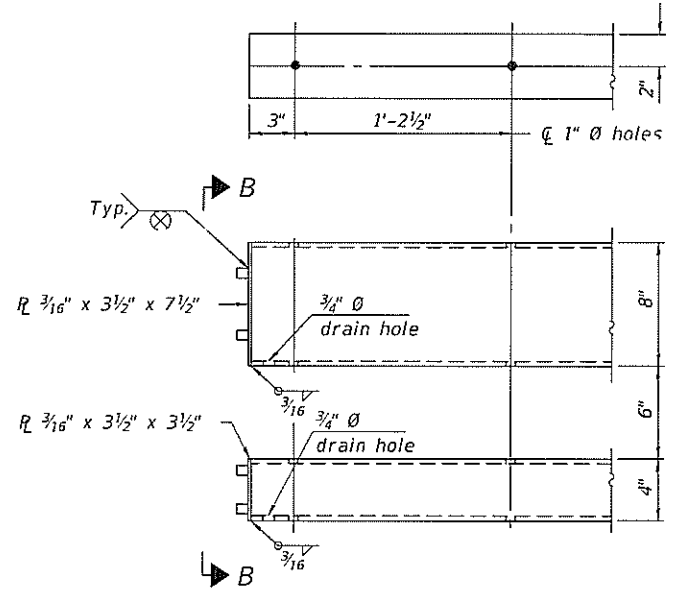
2-3/4" Ø x 6" Round Head Bolts with locknut and flat washer. 7/8" Ø Holes in tubing and posts. Holes in hollow structural section may be drilled in the field.

2-1/2" Ø x 6" Round Head Bolts with locknut and flat washer. 5/8" Ø Holes in hollow structural section and post. Holes in hollow structural section may be drilled in the field.

4 - 5/8" reduced base welded studs. Provide 4 - 5/8" washers and self-locking nuts or nuts and jam nuts for guardrail connection shown on Std. 631032.

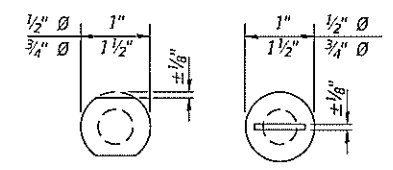


VIEW B-B



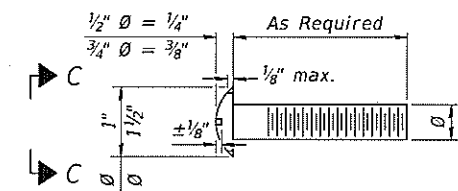
END OF RAIL DETAILS

4- 1" Ø H.S. Threaded Anchor Rods with hex nuts and lock washers, drilled and set according to Article 509.06 of the Standard Specifications.



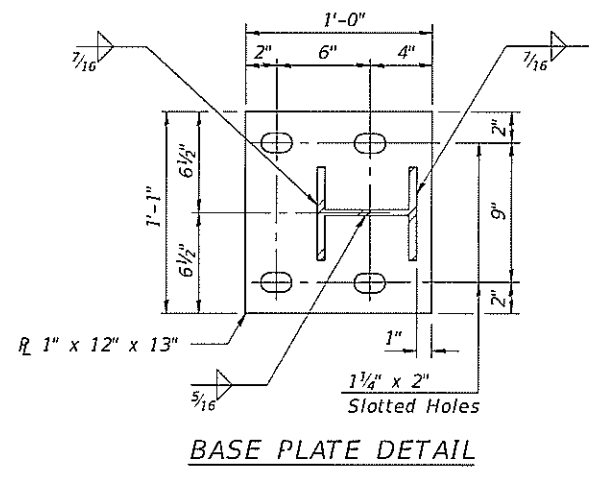
VIEW C-C

Without Slot or Recess With Slot (shown) or Approved Recess

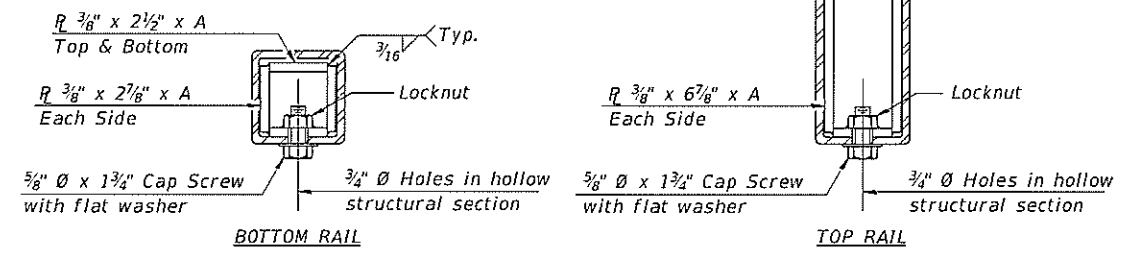


DETAIL OF 1/2" Ø & 3/4" Ø ROUND HEAD BOLTS

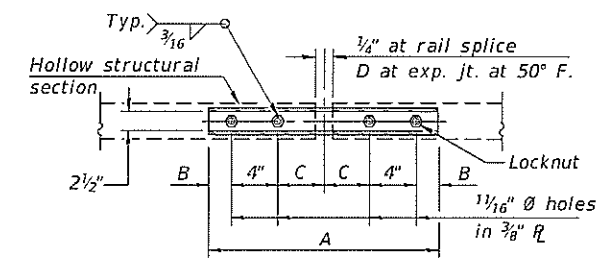
Notes:
 Posts shall not be located closer than 1'-3" to an existing bridge expansion joint or end of bridge.
 Steel Bridge Rail expansion joint shall be provided between any two (2) posts which span a bridge expansion joint. Bolts located at expansion joint shall be provided with locknuts and shall be tightened only to a point that will allow railing movement.
 Provide one 1/8" and two 1/16" steel shims for 25% of the posts. Shims shall be similar to base plates in size and holes.
 All steel rail elements shall be galvanized according to Article 509.05 of the Standard Specifications.



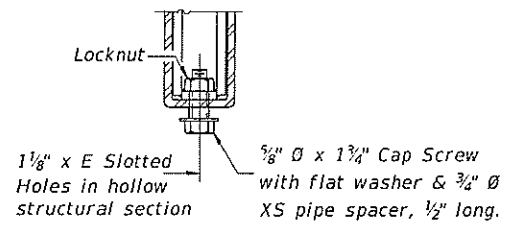
BASE PLATE DETAIL



SECTIONS AT RAIL SPLICE



PLAN-BOTT. SPLICE R TYPICAL



RAIL SPLICE CONNECTION AT EXPANSION JT.

SPLICE DIMENSIONS

T	D	A	B	C	E
≤ 4"	2 1/2"	1'-8"	2"	4"	2 1/2"
> 4" ≤ 6 1/2"	3 3/4"	2'-0"	2 1/2"	5 1/2"	3 1/2"
> 6 1/2" ≤ 9"	5"	2'-4"	3 1/2"	6 1/2"	9"
> 9" ≤ 13"	7"	2'-10"	4 1/2"	8 1/2"	11"
Rail Splice	1/4"	1'-8"	2"	4"	

T = Total movement at expansion joint as shown on the design plans.

BILL OF MATERIAL

Item	Unit	Quantity
Steel Railing, Type 2399	Foot	56

R-31

8-11-2017

(6'-3" Maximum Post Spacing)

USER NAME	DESIGNED	REVISIONS
vinsonay	AYV	
	AYV	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

STEEL RAILING, TYPE 2399
 STRUCTURE NO. 061-2009

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327 A	15RS-6	MARION	36	26
CONTRACT NO. 76K34				
ILLINOIS FED. AID PROJECT				

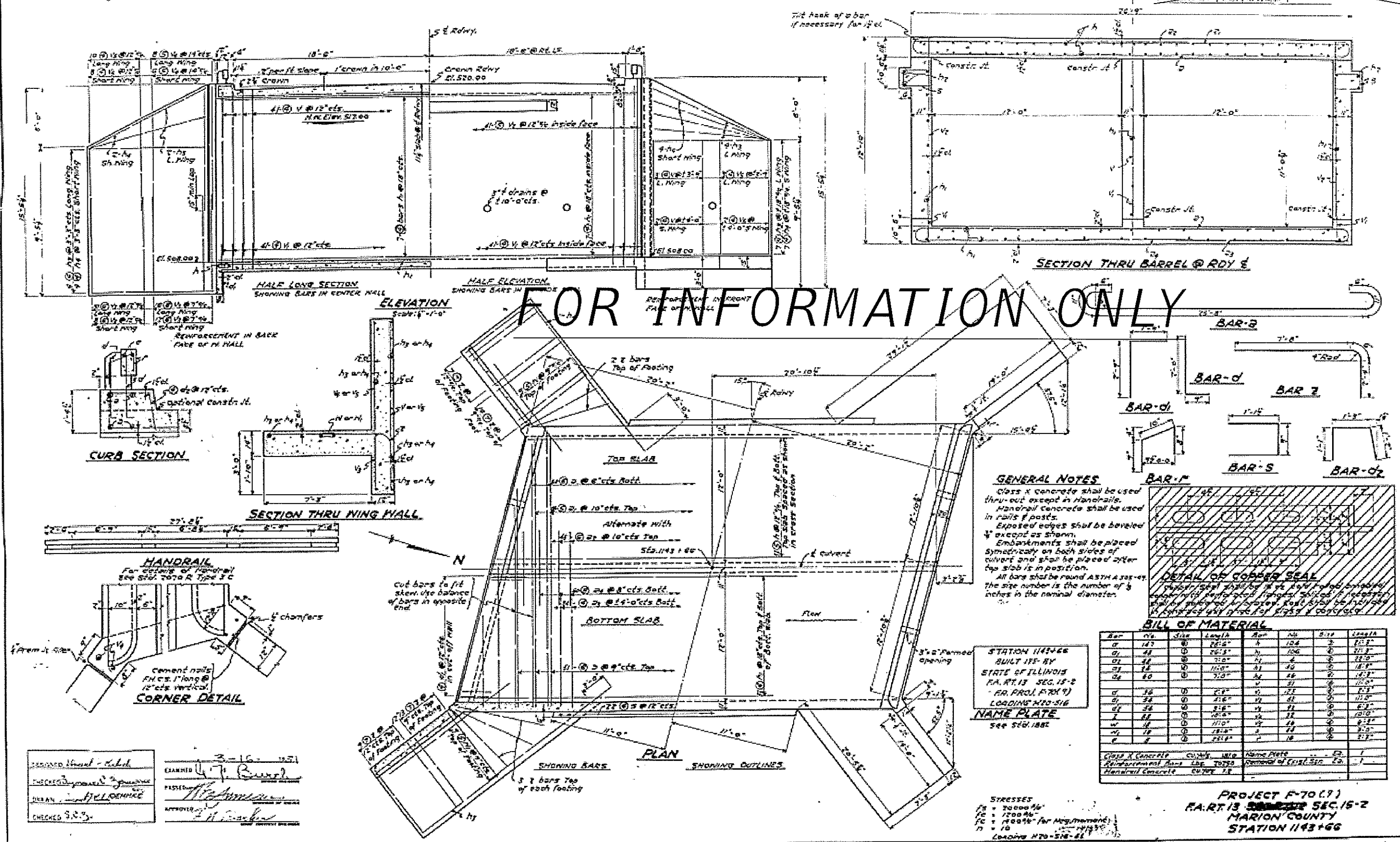
SCALE: SHEET 5 OF 6 SHEETS STA. TO STA.

MODEL: 0612009-76K34.dwg
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 PLOT SCALE: 0:2.0000 "/>

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

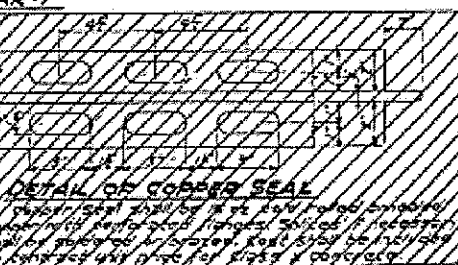
34' NE corner of N.A. of Exst. Bridge El. 5751
Exst. by Struct. 5'-6" Span R.C. Slab 27'-8" B.-B. Abutts.
Rear 10'-2" is to be removed by Bridge Contractors.
during construction.

DATE	13	15-2	1966
BY			
CHECKED			
APPROVED			



FOR INFORMATION ONLY

GENERAL NOTES
Class X concrete shall be used thru-out except in handrails. Handrail concrete shall be used in rails & posts. Exposed edges shall be beveled & chamfered as shown. Embankments shall be placed symmetrically on both sides of culvert and shall be placed after the slab is in position. All bars shall be round ASTM A36 & size number is the number of inches in the nominal diameter.



BILL OF MATERIAL

Bar	No.	Size	Length	Bar	No.	Size	Length
1	145	Ø	24'-2"	10	104	Ø	15'-8"
2	48	Ø	26'-3"	11	106	Ø	21'-8"
3	56	Ø	31'-0"	12	4	Ø	21'-0"
4	18	Ø	11'-0"	13	46	Ø	18'-8"
5	60	Ø	7'-0"	14	48	Ø	14'-8"
6	36	Ø	2'-8"	15	51	Ø	11'-0"
7	38	Ø	2'-6"	16	52	Ø	11'-2"
8	34	Ø	2'-6"	17	53	Ø	8'-2"
9	18	Ø	11'-0"	18	54	Ø	8'-2"
10	18	Ø	11'-0"	19	55	Ø	8'-2"
11	18	Ø	11'-0"	20	56	Ø	8'-2"
12	18	Ø	11'-0"	21	57	Ø	8'-2"
13	18	Ø	11'-0"	22	58	Ø	8'-2"
14	18	Ø	11'-0"	23	59	Ø	8'-2"
15	18	Ø	11'-0"	24	60	Ø	8'-2"

STATION 1143+66
BUILT 1954 BY
STATE OF ILLINOIS
P.A. RT. 13 SEC. 15-2
R.R. PROJ. F70(1)
LOADING 110-516
NAME PLATE
see 510-188

STRESSES
F_c = 2000 PSI
F_s = 17000 PSI
F_t = 14000 PSI for Neg. Moment
n = 10
LOADING 110-516-81

PROJECT F-70(1)
P.A. RT. 13 SEC. 15-2
MARION COUNTY
STATION 1143+66

DESIGNED - AYV
DRAWN - AYV
CHECKED - AYV
DATE - 3-16-66

USER NAME	vinsony	DESIGNED	AYV	REVISED	-
PLOT SCALE	1/8" = 1'-0"	DRAWN	AYV	REVISED	-
PLOT DATE	5/2/2019	CHECKED	AYV	REVISED	-
		DATE		REVISED	-

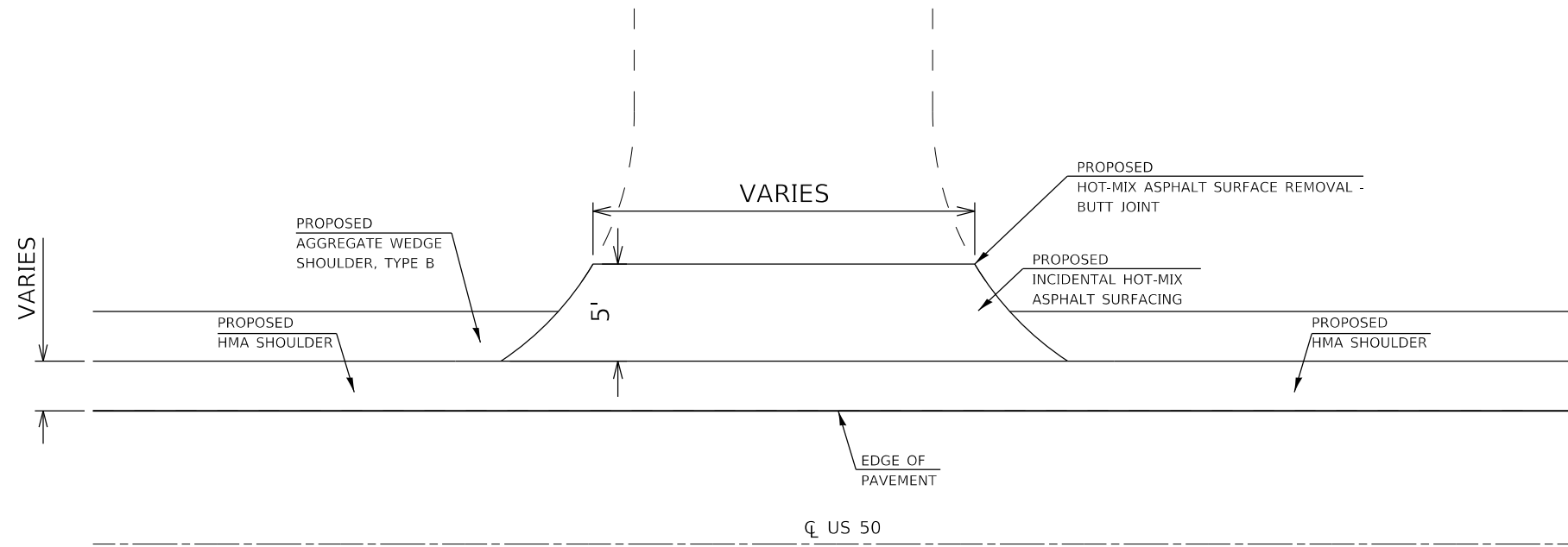
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FOR INFORMATION ONLY - EXISTING GENERAL PLAN & ELEVATION
SN 061-2009

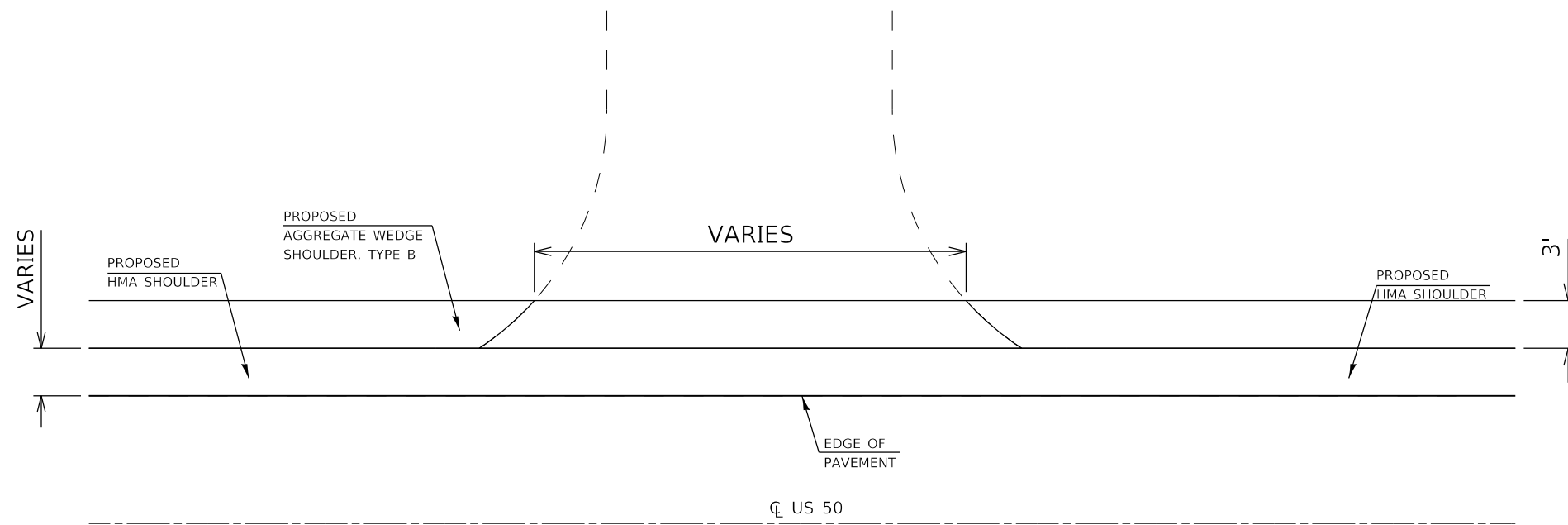
SCALE: SHEET 6 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327 A	15RS-6	MARION	36	27
			CONTRACT NO. 76K34	
ILLINOIS FED. AID PROJECT				

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TYPICAL SIDE ROAD OR BIT. PRIVATE ENTRANCE
DETAIL



TYPICAL AGG. PRIVATE ENTRANCE
DETAIL

NOT TO SCALE

MODEL: Default
FILE: h:\m\c\p\suplanroom\dat\illinois.gov\PIV\DOT\Documents\DOT_Offices\Detail.ctb @ Projects\DOT\76K34\CADDData\CAD\Sheet\DOT\76K34-11-1-1.dwg



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	DRAWN -	REVISED -
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PLOT DATE = 3/14/2019	DATE -	REVISED -

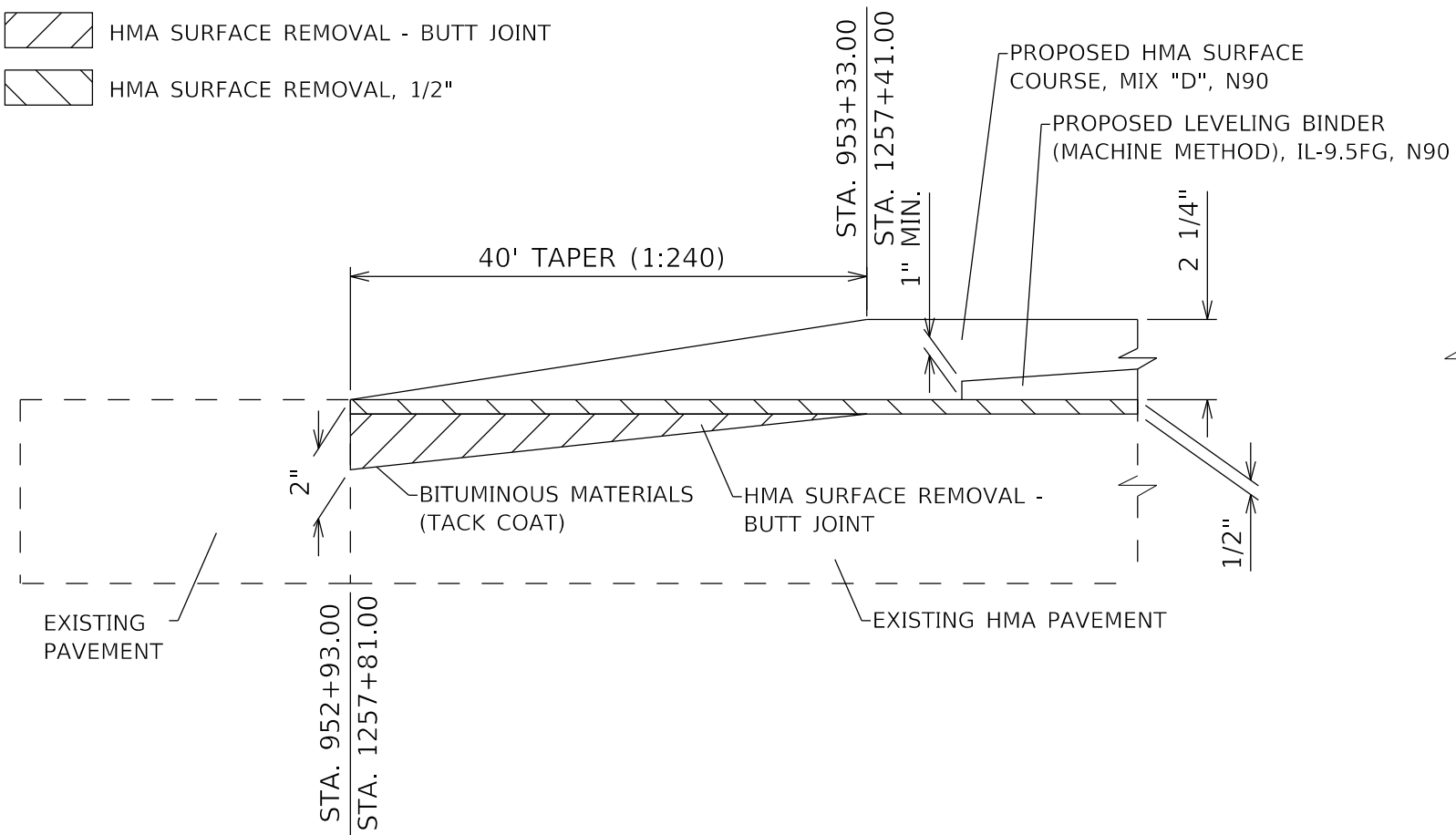
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDE ROAD AND PRIVATE ENTRANCE DETAILS

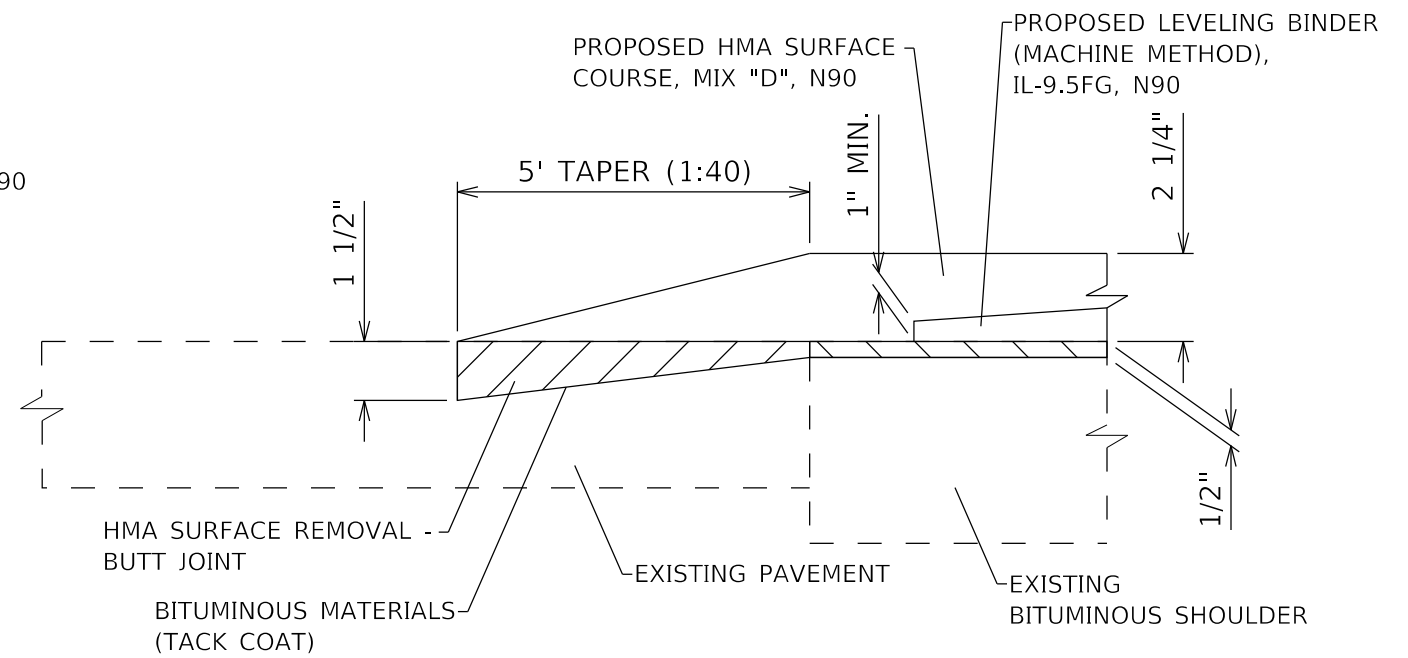
SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	15R5-6	MARION	36	28
CONTRACT NO. 76K34				
ILLINOIS FED. AID PROJECT				

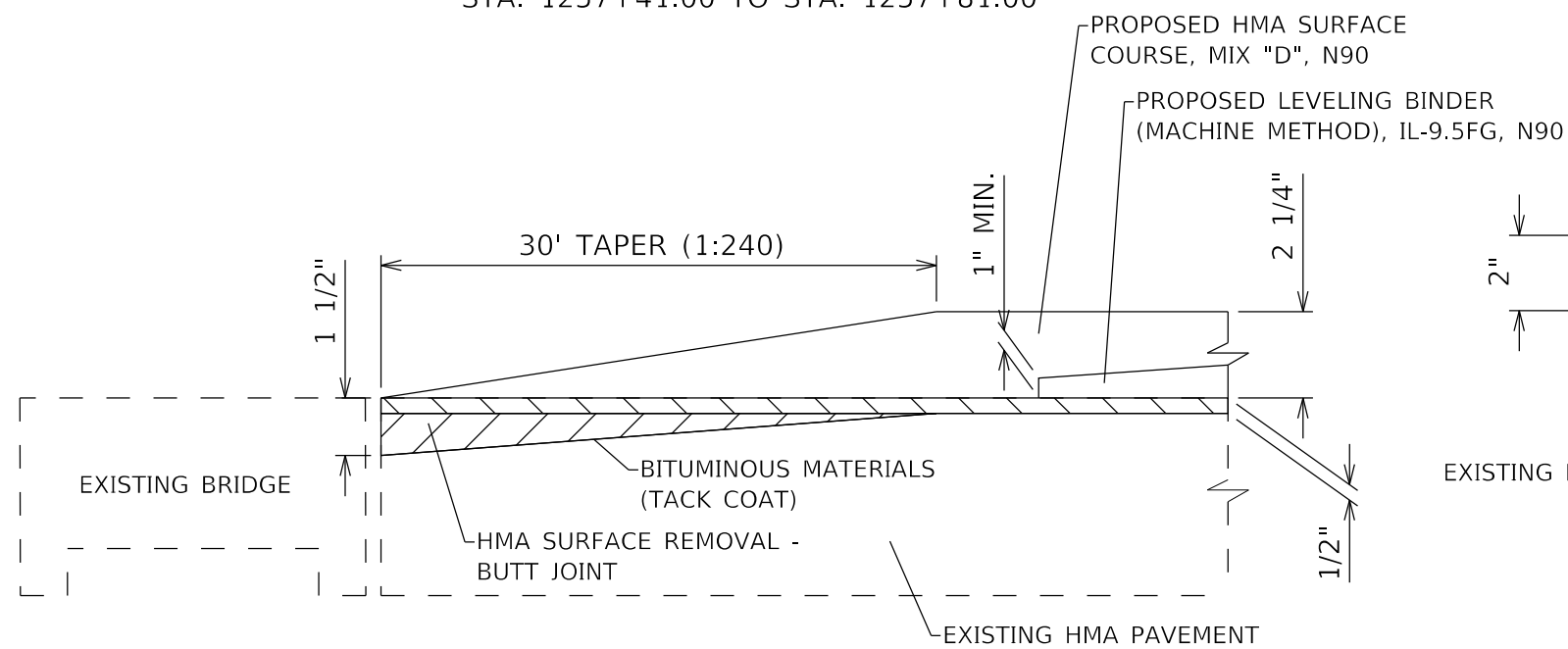
-  HMA SURFACE REMOVAL - BUTT JOINT
-  HMA SURFACE REMOVAL, 1/2"



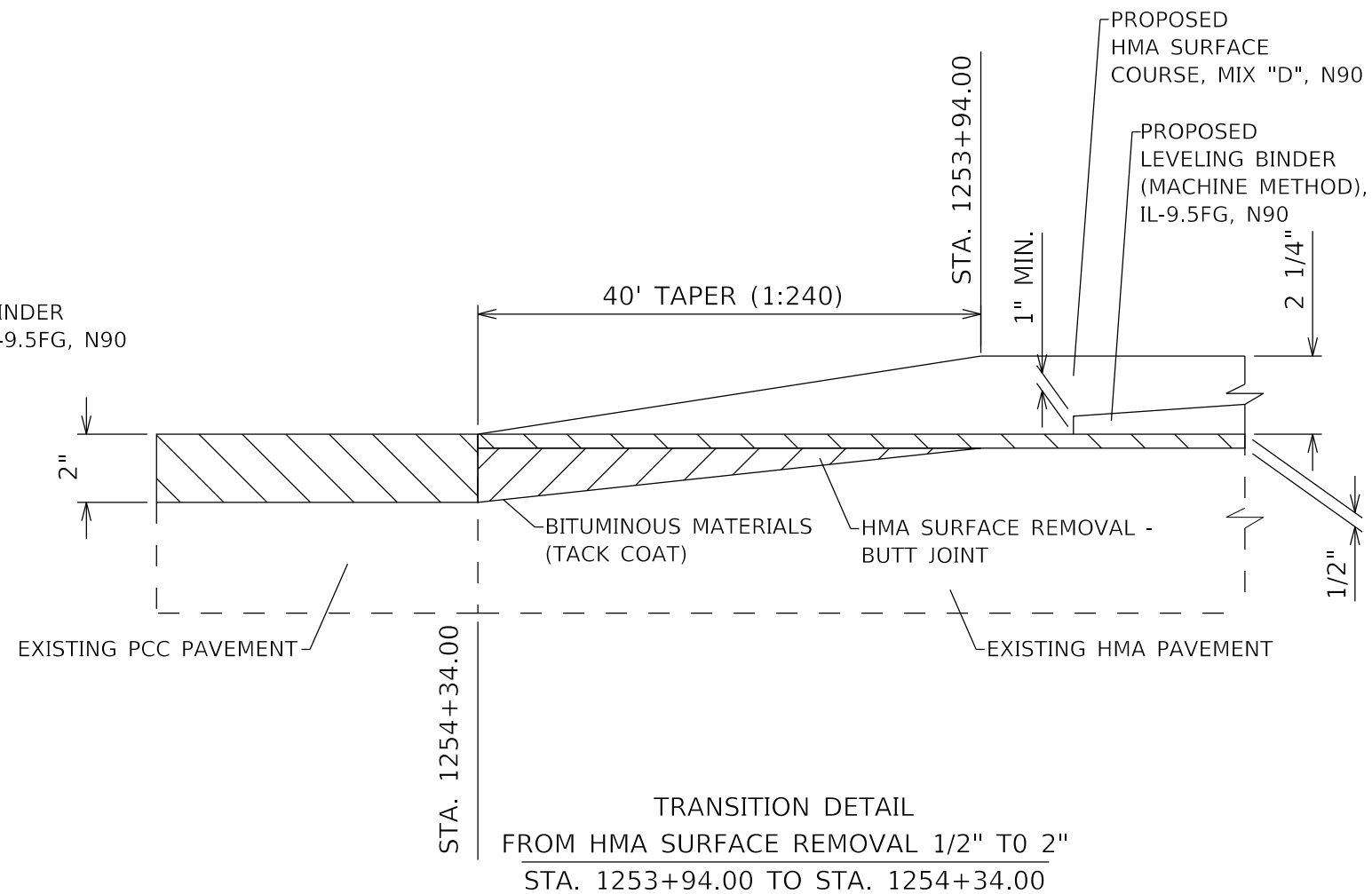
BUTT JOINT DETAIL
 STA. 952+93.00 TO STA. 953+33.00
 STA. 1257+41.00 TO STA. 1257+81.00



BUTT JOINT DETAIL
 AT SIDE ROADS AND BIT. PRIVATE ENTRANCES



BUTT JOINT DETAIL
 AT STRUCTURES



TRANSITION DETAIL
 FROM HMA SURFACE REMOVAL 1/2" TO 2"
 STA. 1253+94.00 TO STA. 1254+34.00

NOT TO SCALE

MODEL: Default
 FILE: Model_Plan_PlanRoom.dwg
 PROJECT: 15R5-6
 OFFICE: 15R5-6
 DRAWING: 15R5-6-29
 DATE: 3/14/2019

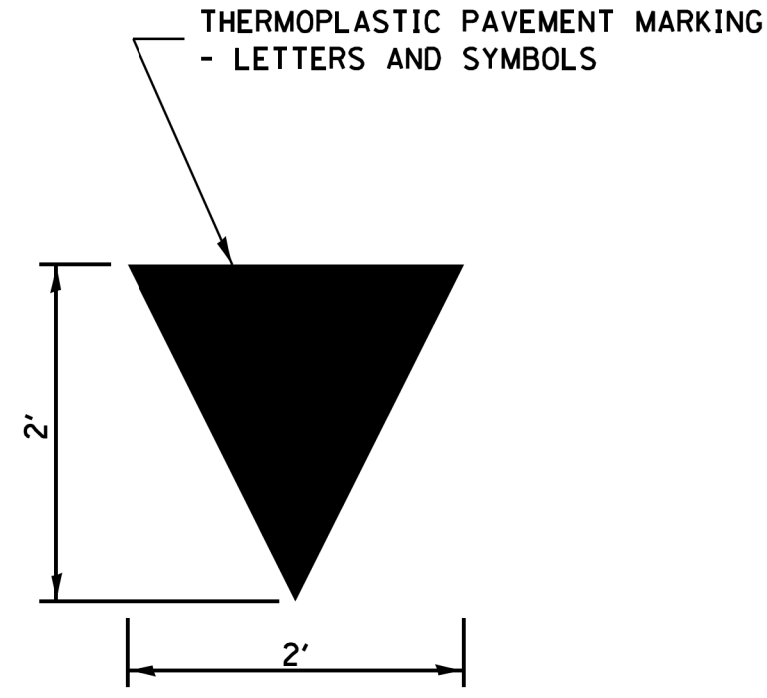
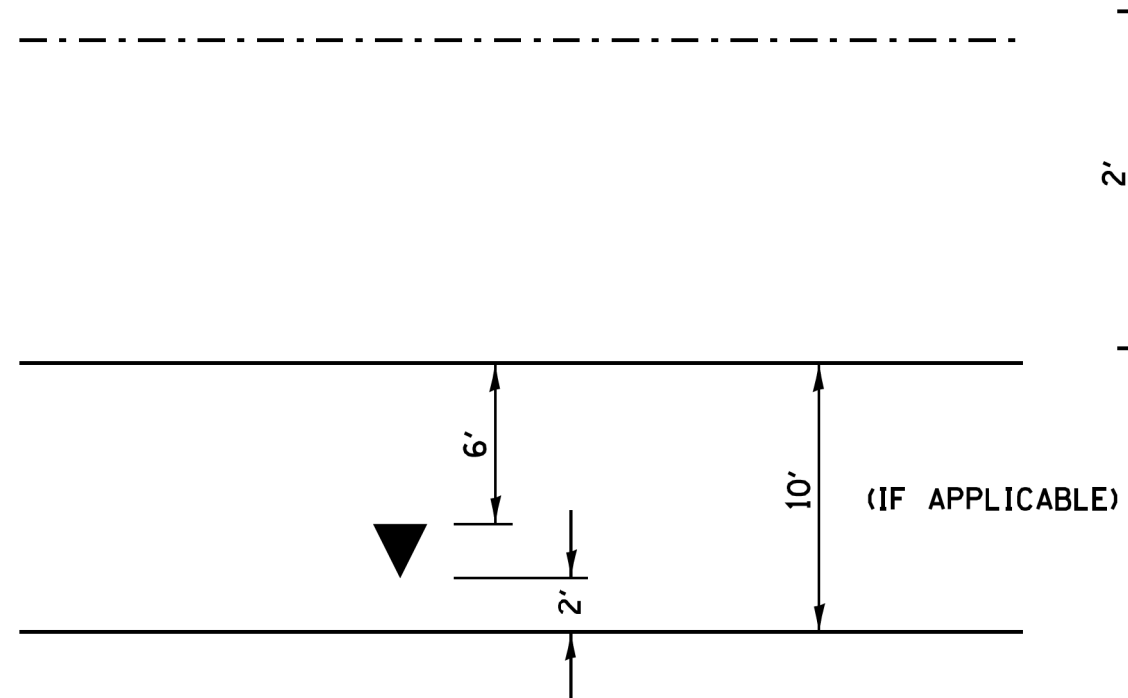
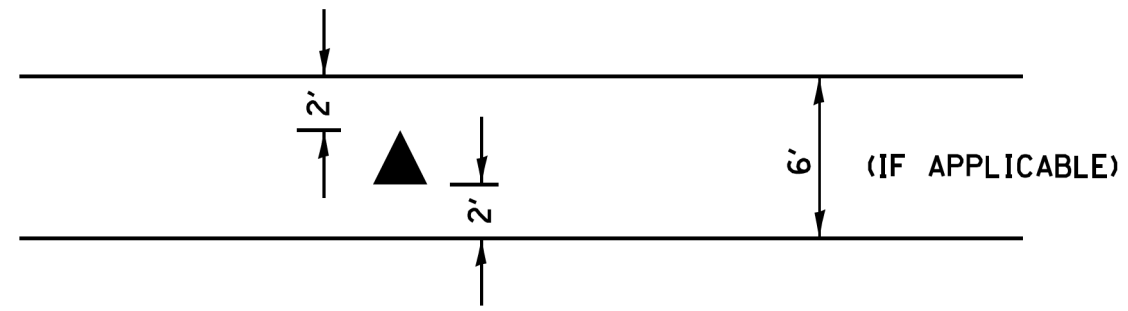
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DRAWN -	REVISIONS -	
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PLOT DATE = 3/14/2019	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TRANSITION DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	15R5-6	MARION	36	29
CONTRACT NO. 76K34				
ILLINOIS FED. AID PROJECT				



PIPE UNDERDRAIN OUTLET MARKING DETAIL

NOT TO SCALE

MODEL: Default
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	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/14/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PIPE UNDERDRAIN OUTLET MARKING DETAIL

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

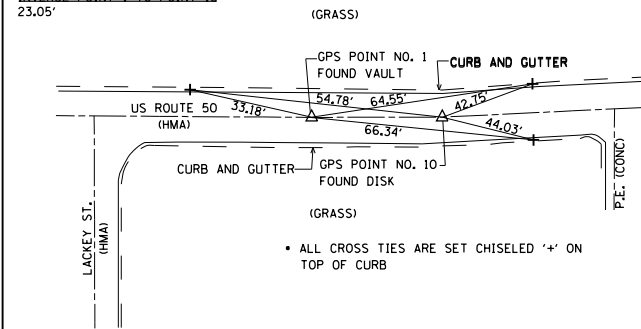
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	15R5-6	MARION	36	30
CONTRACT NO. 76K34				
ILLINOIS FED. AID PROJECT				

CENTERLINE MONUMENTS

GPS_POINT_NO_1
FOUND VAULT (EMPTY) IN CENTERLINE
N 714,596.302
E 812,866.687

GPS_POINT_NO_10
FOUND DISK IN CENTERLINE
N 714,596.085
E 812,889.733

INVERSE POINT 1 TO POINT 10
23.05'

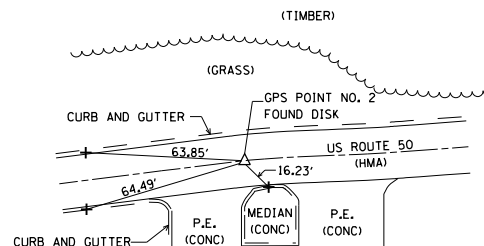


• ALL CROSS TIES ARE SET CHISELED '+' ON TOP OF CURB

• ALL MEASUREMENTS ARE PULLED DIRECT

CENTERLINE MONUMENT

GPS_POINT_NO_2
FOUND DISK IN CENTERLINE
N 714,603.485
E 812,992.260

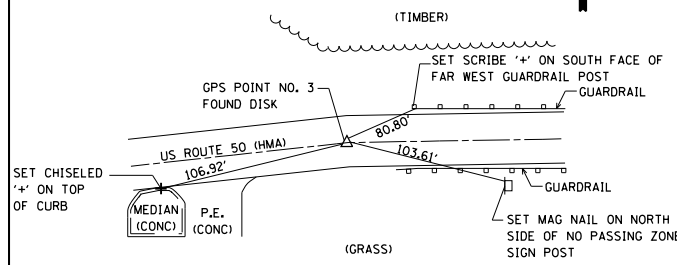


• ALL CROSS TIES ARE SET CHISELED '+' ON TOP OF CURB

• ALL MEASUREMENTS ARE PULLED DIRECT

CENTERLINE MONUMENT

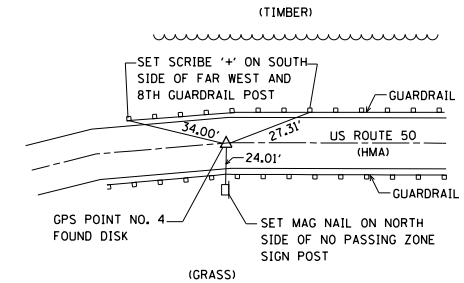
GPS_POINT_NO_3
FOUND DISK IN CENTERLINE
N 714,618.788
E 813,101.977



• ALL MEASUREMENTS ARE PULLED DIRECT

CENTERLINE MONUMENT

GPS_POINT_NO_4
FOUND DISK IN CENTERLINE
N 714,626.321
E 813,204.686

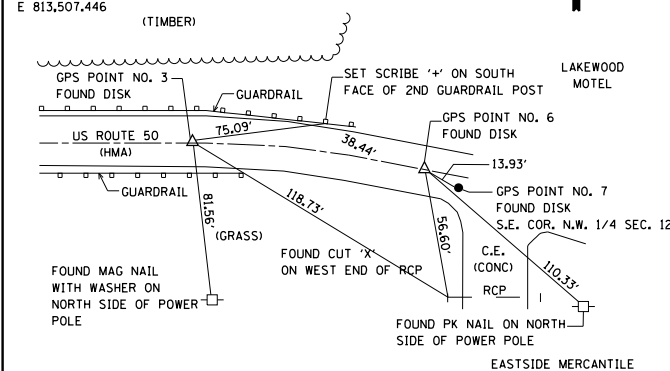


• ALL MEASUREMENTS ARE PULLED DIRECT

CENTERLINE MONUMENTS

GPS_POINT_NO_5
FOUND DISK NEAR CENTERLINE
N 714,628.092
E 813,404.622

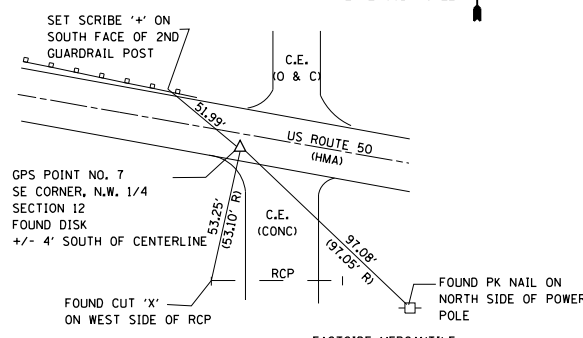
GPS_POINT_NO_6
FOUND DISK NEAR CENTERLINE
N 714,622.415
E 813,507.446



• ALL MEASUREMENTS ARE PULLED DIRECT

SE CORNER NW 1/4 SECTION 12-T2N-R2E

GPS_POINT_NO_7
FOUND ALUMINUM DISK +/- 4' SOUTH OF CENTERLINE
N 714,617.045
E 813,520.299

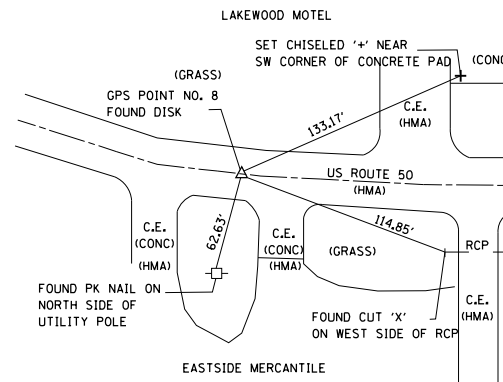


PREVIOUS MON. REC.
DOC. NO. 2011R04107,
2010R00403, 1992R7990
1989R0783 (BK 413, PG. 107)

• ALL MEASUREMENTS ARE PULLED DIRECT

CENTERLINE MONUMENT

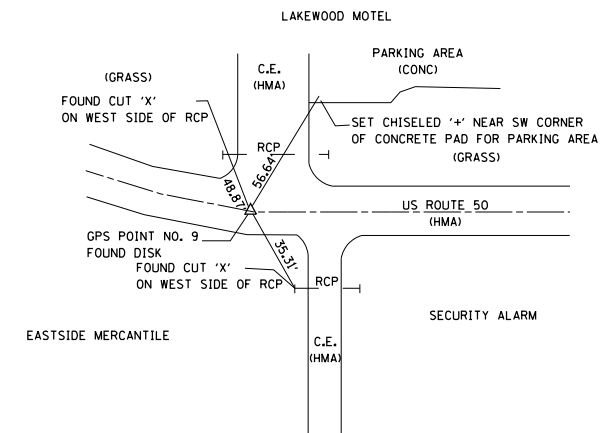
GPS_POINT_NO_8
FOUND DISK IN CENTERLINE
N 714,609.210
E 813,617.284



• ALL MEASUREMENTS ARE PULLED DIRECT

CENTERLINE MONUMENT

GPS_POINT_NO_9
FOUND DISK NEAR CENTERLINE
N 714,603.523
E 813,720.106



• ALL MEASUREMENTS ARE PULLED DIRECT

MODEL: Default
FILE: \\nrcs\p\pub\baronm\dat\illinois\p\w\DOT\Documents\DOT_Offices\Illinet\B\Projects\DOT\76K34\CADD\DATA\CAD\Sheet\DOT\76K34-1-11-drawill.dgn

USER NAME = leej	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/14/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

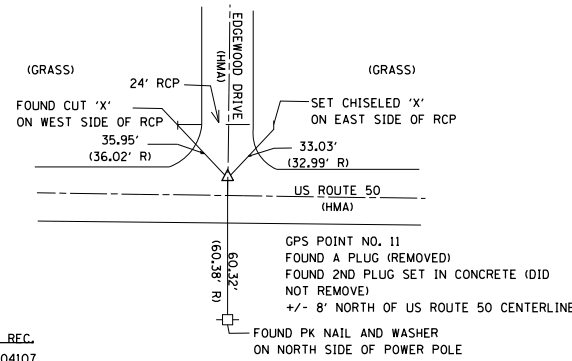
SURVEY MONUMENT COVER ASSEMBLY

SCALE: SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	15R5-6	MARION	36	31
CONTRACT NO. 76K34				
		ILLINOIS	FED. AID PROJECT	

SE CORNER, SW QUARTER, NE QUARTER, SECTION 12-T2N-R2E

GPS POINT NO. 11
 FOUND PLUG (REMOVED)
 FOUND 2ND PLUG BURIED SET
 IN CONCRETE (DID NOT REMOVE)
 N 714,624,414
 E 814,839,468

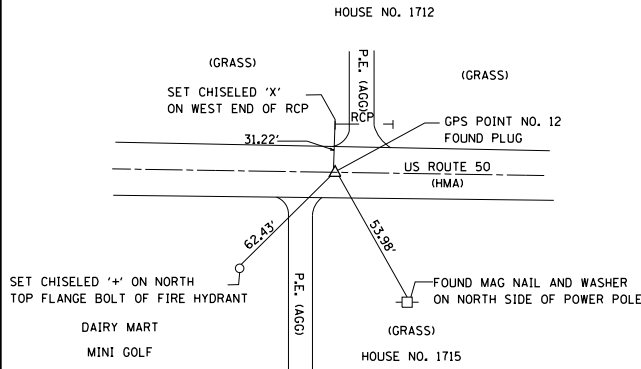


PREVIOUS MON. REC.
 DOC. NO. 2011R04107,
 2010R00403, 1992R7990
 1989R0783 (BK 413, PG. 107)

• ALL MEASUREMENTS ARE
 PULLED DIRECT

CENTERLINE MONUMENT

GPS POINT NO. 12
 FOUND PLUG IN CENTERLINE
 (DID NOT REMOVE)
 N 714,624,488
 E 815,364,315



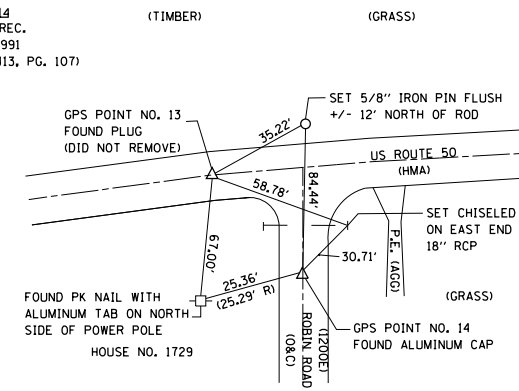
• ALL MEASUREMENTS ARE
 PULLED DIRECT

CENTERLINE MONUMENT

GPS POINT NO. 13
 FOUND PLUG IN CENTERLINE
 (DID NOT REMOVE)
 N 714,685,295
 E 816,133,796

EAST QUARTER CORNER SECTION 12-T2N-R2E

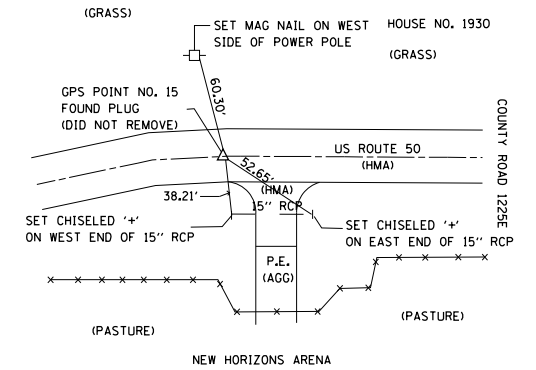
FOUND IRON PIN WITH ALUMINUM CAP
 NEAR CENTERLINE OF ROBIN ROAD
 (DID NOT REMOVE)
 N 714,631,803
 E 816,160,186
 GPS POINT NO. 14
 PREVIOUS MON. REC.
 DOC. NO. 1992R7991
 1989R0783 (BK 413, PG. 107)



• ALL MEASUREMENTS ARE
 PULLED DIRECT

NE CORNER NW QUARTER SE QUARTER SECTION 7-T2N-R3E

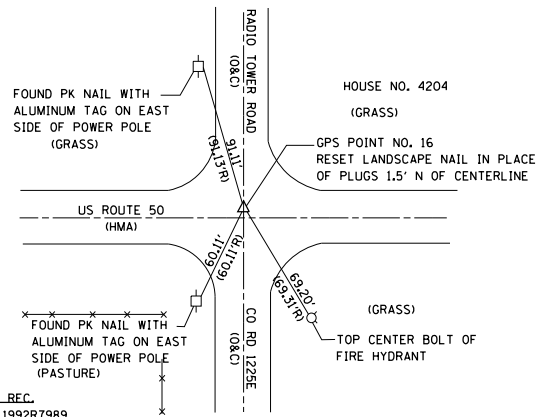
GPS POINT NO. 15
 FOUND PLUG IN CENTERLINE
 (DID NOT REMOVE)
 N 714,754,809
 E 817,365,504



• ALL MEASUREMENTS ARE
 PULLED DIRECT

CENTERLINE MONUMENT

GPS POINT NO. 16
 FOUND PLUG 1.5' NORTH OF CENTERLINE (REMOVED)
 FOUND 2ND PLUG UNDER 1ST PLUG (REMOVED)
 FOUND DECAYED NAIL (REMOVED)
 SET LANDSCAPE NAIL AT CORNER
 N 714,753,478
 E 817,707,345



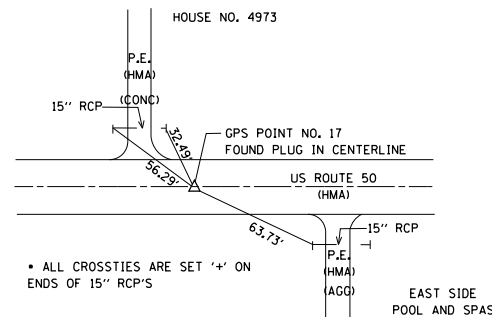
PREVIOUS MON. REC.
 DOCUMENT NO. 1992R7989
 1989R0774 (BK 413, PG. 98)

• ALL MEASUREMENTS ARE
 PULLED DIRECT

CENTERLINE MONUMENT

GPS POINT NO. 17
 FOUND PLUG IN CENTERLINE
 (DID NOT REMOVE)
 N 714,746,545
 E 818,956,409

+/- 1250' EAST OF CO RD 1225E

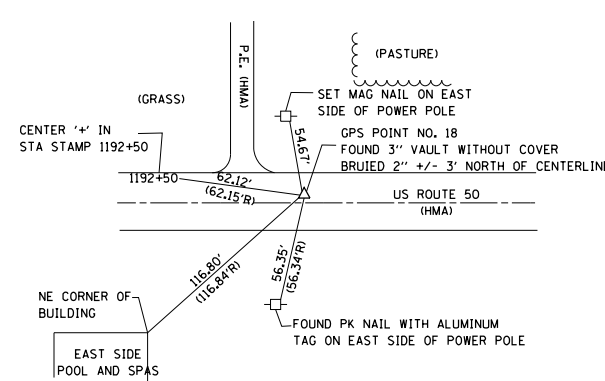


• ALL CROSSIES ARE SET '+' ON
 ENDS OF 15\"/>

• ALL MEASUREMENTS ARE
 PULLED DIRECT

SE CORNER SE QUARTER NW QUARTER SECTION 7-T2N-R3E (CENTER)

GPS POINT NO. 18
 FOUND PLUG +/- 3' NORTH OF CENTERLINE (REMOVED)
 FOUND 3\"/>

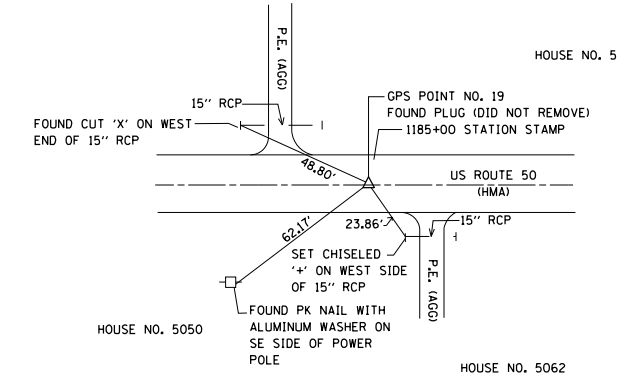


PREVIOUS MON. REC.
 DOCUMENT NO. 1992R7989
 1989R0773 (BK 413, PG. 97)

• ALL MEASUREMENTS ARE
 PULLED DIRECT

CENTERLINE MONUMENT

GPS POINT NO. 19
 FOUND PLUG IN CENTERLINE
 (DID NOT REMOVE)
 N 714,741,421
 E 819,956,387



• ALL MEASUREMENTS ARE
 PULLED DIRECT

MODEL: Default
 FILE: \\nlsdc-pw\pub\baronm.d\at\llnlsdc-pw\DOT\Documents\DOT - Offices\ltd\ctc - Projects\DOT\76K34\CADD\data\CAD\sheet\DOT\76K34-1-1-draw\llnlsdc-pw

USER NAME = leej	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/14/2019	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

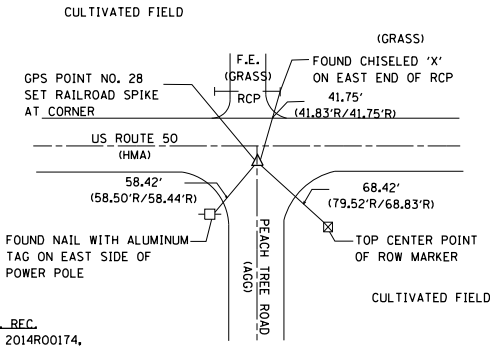
SURVEY MONUMENT COVER ASSEMBLY

SCALE: SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	15R5-6	MARION	36	32
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76K34	

WEST QUARTER CORNER SECTION 9-T2N-R3E

GPS POINT NO. 28
 FOUND PLUG 7' SOUTH OF CENTERLINE (REMOVED)
 FOUND 2ND PLUG UNDER 1ST PLUG (REMOVED)
 FOUND BOTTLE CAP IN HOLE
 SET RAILROAD SPIKE AT CORNER
 N 714,677.601
 E 827,239.469

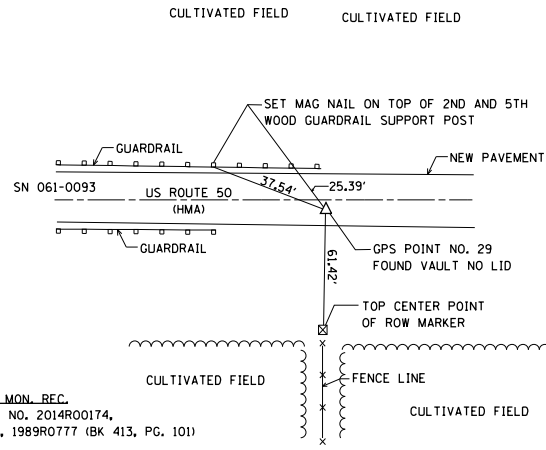


PREVIOUS MON. REC.
 DOCUMENT NO. 2014R00174,
 1992R7985, 1989R0777 (BK 413, PG. 101)

• ALL MEASUREMENTS ARE
 PULLED DIRECT

WEST QUARTER CORNER SECTION 9-T2N-R3E

GPS POINT NO. 29
 FOUND VAULT (NO LID) 3' SOUTH OF CENTERLINE
 N 714,676.411
 E 828,584.223

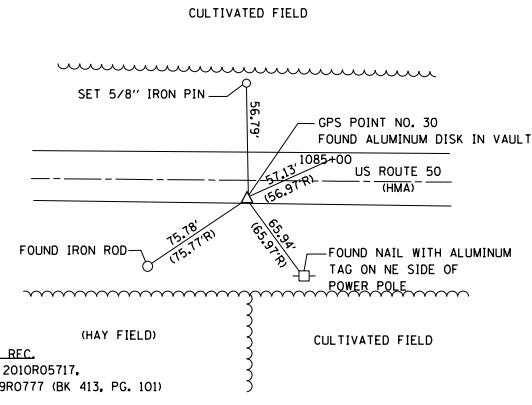


PREVIOUS MON. REC.
 DOCUMENT NO. 2014R00174,
 1992R7981, 1989R0777 (BK 413, PG. 101)

• ALL MEASUREMENTS ARE
 PULLED DIRECT

SW CORNER NE QUARTER SECTION 9-T2N-R3E (CENTER)

GPS POINT NO. 30
 FOUND ALUMINUM IN VAULT 10'
 SOUTH OF CENTERLINE
 N 714,675.545
 E 829,902.089

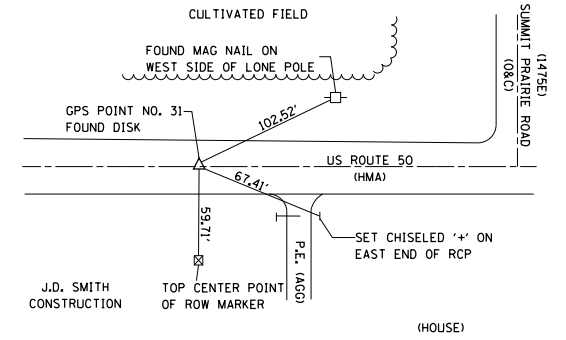


PREVIOUS MON. REC.
 DOCUMENT NO. 2010R05717,
 1992R7981, 1989R0777 (BK 413, PG. 101)

• ALL MEASUREMENTS ARE
 PULLED DIRECT

CENTERLINE MONUMENT

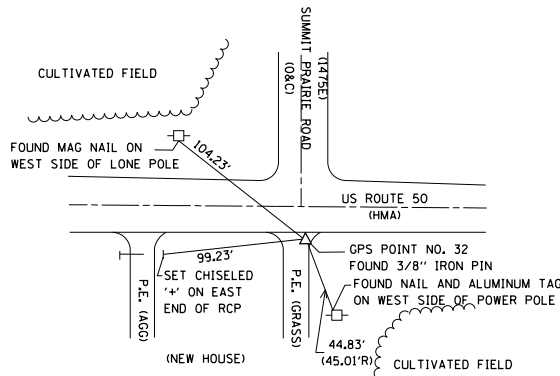
GPS POINT NO. 31
 FOUND PLUG IN CENTERLINE
 N 714,690.968
 E 831,078.070



• ALL MEASUREMENTS ARE
 PULLED DIRECT

SE CORNER, SW QUARTER, NE QUARTER, SECTION 9-T2N-R3E

GPS POINT NO. 32
 FOUND 3/8" IRON PIN 1.61' SOUTH
 OF EOP OF US ROUTE 50
 N 714,674.498
 E 831,233.702

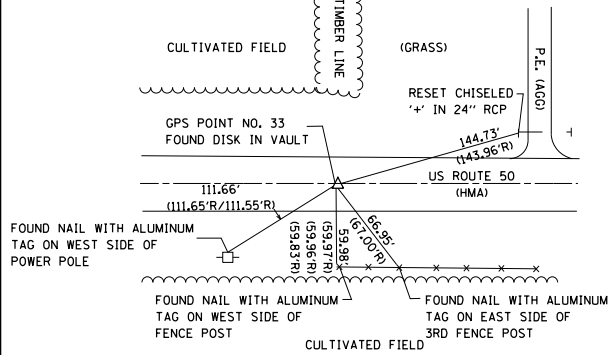


PREVIOUS MON. REC.
 DOCUMENT NO. 1992R7984,
 1989R0778 (BK 413, PG. 102)

• ALL MEASUREMENTS ARE
 PULLED DIRECT

EAST QUARTER CORNER SECTION 9-T2N-R3E

GPS POINT NO. 33
 FOUND DISK IN VAULT CENTERLINE
 N 714,673.879
 E 832,564.861

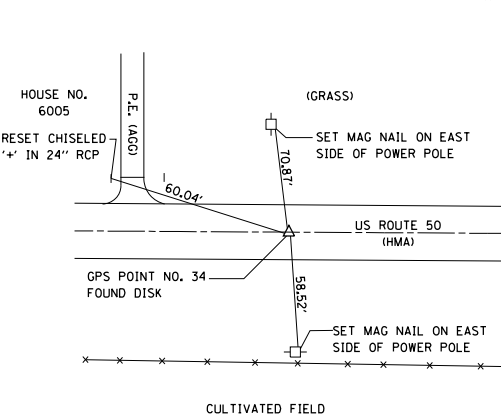


PREVIOUS MON. REC.
 DOCUMENT NO. 1992R7984,
 1989R0778 (BK 413, PG. 102)

• ALL MEASUREMENTS ARE
 PULLED DIRECT

CENTERLINE MONUMENT

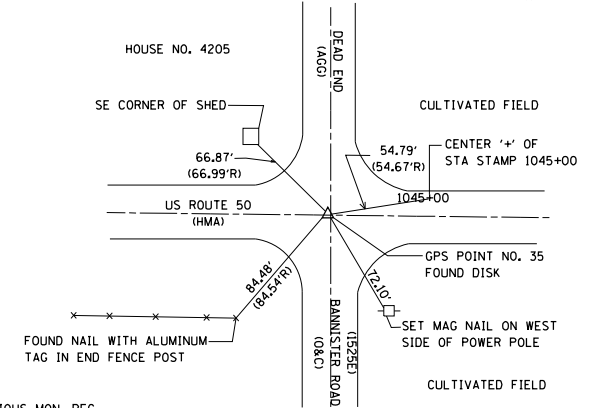
GPS POINT NO. 34
 FOUND PLUG IN CENTERLINE
 N 714,671.126
 E 832,755.490



• ALL MEASUREMENTS ARE
 PULLED DIRECT

SE CORNER SW QUARTER NW QUARTER SECTION 10-T2N-R3E

GPS POINT NO. 35
 FOUND DISK CENTERLINE
 N 714,655.659
 E 833,901.991



PREVIOUS MON. REC.
 DOCUMENT NO. 1992R7982,
 1989R0780 (BK 413, PG. 104)

• ALL MEASUREMENTS ARE
 PULLED DIRECT

MODEL: Default
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USER NAME = leej	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/14/2019	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

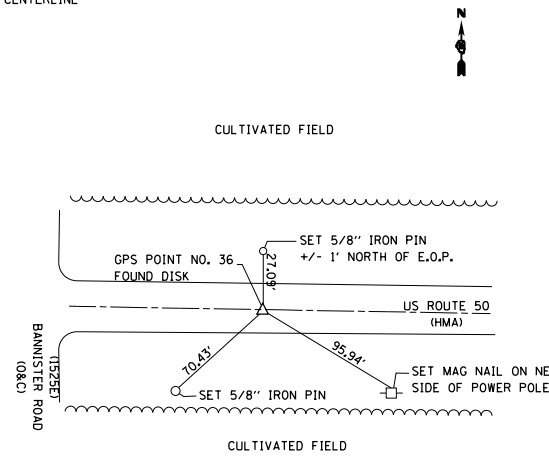
SURVEY MONUMENT COVER ASSEMBLY

SCALE: SHEET 4 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	15R5-6	MARION	36	34
CONTRACT NO. 76K34				
ILLINOIS FED. AID PROJECT				

CENTERLINE MONUMENT

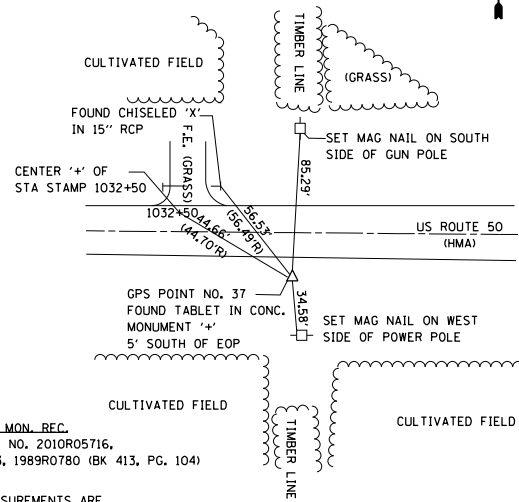
GPS POINT NO. 36
FOUND DISK IN CENTERLINE
N 714,650,890
E 834,269,586



• ALL MEASUREMENTS ARE PULLED DIRECT

SE CORNER NW QUARTER SECTION 10-T2N-R3E (CENTER)

GPS POINT NO. 37
FOUND TABLET IN CONC.
MONUMENT '+' 5' SOUTH OF EOP
N 714,637,566
E 835,238,282

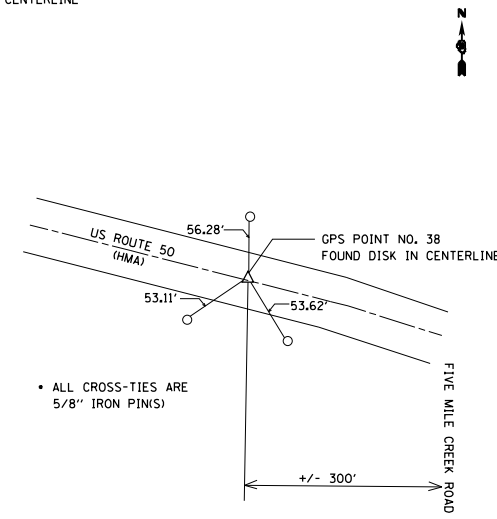


PREVIOUS MON. REC.
DOCUMENT NO. 2010R05716,
1992R7983, 1989R0780 (BK 413, PG. 104)

• ALL MEASUREMENTS ARE PULLED DIRECT

CENTERLINE MONUMENT

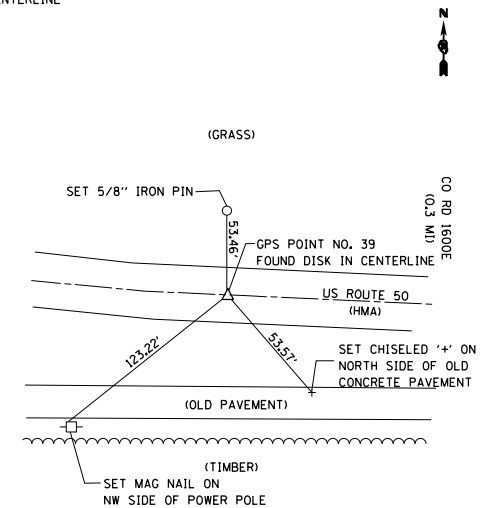
GPS POINT NO. 38
FOUND DISK IN CENTERLINE
N 714,567,485
E 836,344,076



• ALL MEASUREMENTS ARE PULLED DIRECT

CENTERLINE MONUMENT

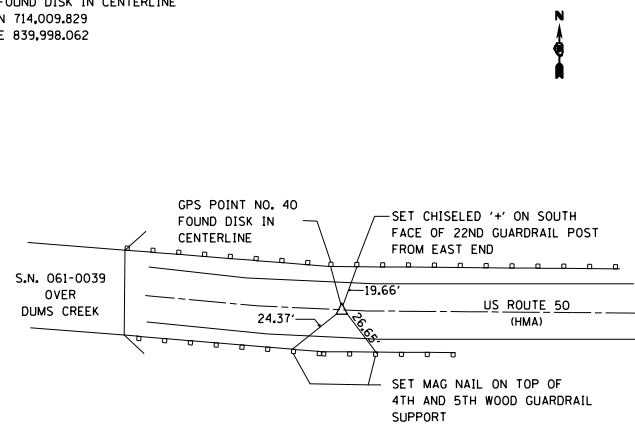
GPS POINT NO. 39
FOUND DISK IN CENTERLINE
N 714,268,501
E 837,750,041



• ALL MEASUREMENTS ARE PULLED DIRECT

CENTERLINE MONUMENT

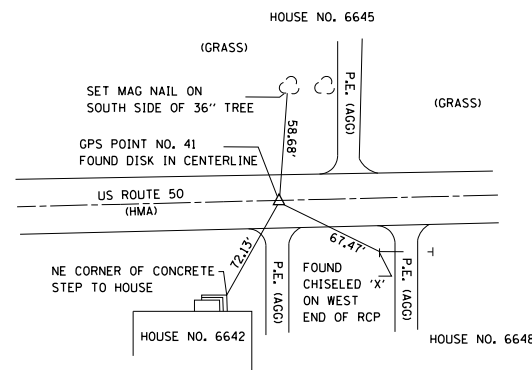
GPS POINT NO. 40
FOUND DISK IN CENTERLINE
N 714,009,829
E 839,998,062



• ALL MEASUREMENTS ARE PULLED DIRECT

CENTERLINE MONUMENT

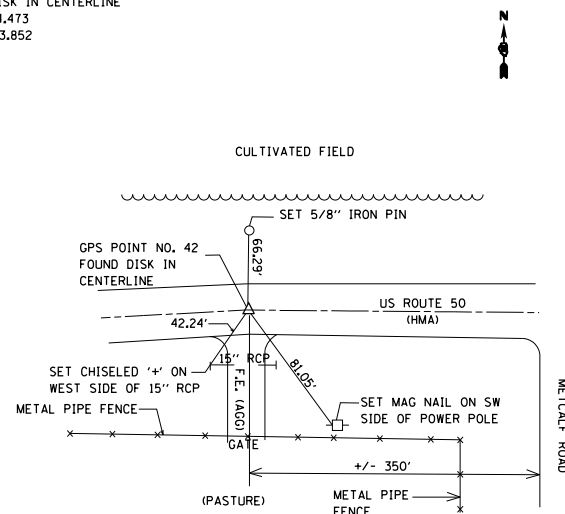
GPS POINT NO. 41
FOUND DISK IN CENTERLINE
N 714,029,371
E 841,147,619



• ALL MEASUREMENTS ARE PULLED DIRECT

CENTERLINE MONUMENT

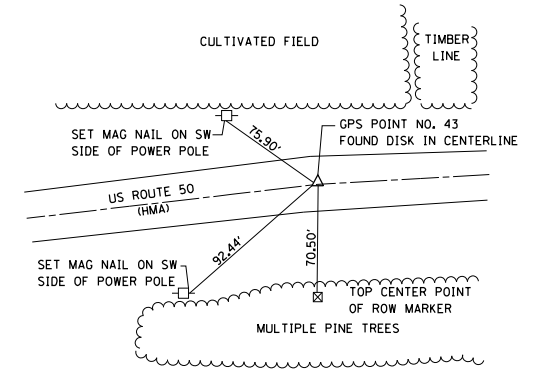
GPS POINT NO. 42
FOUND DISK IN CENTERLINE
N 714,164,473
E 842,833,852



• ALL MEASUREMENTS ARE PULLED DIRECT

CENTERLINE MONUMENT

GPS POINT NO. 43
FOUND DISK IN CENTERLINE
N 714,129,095
E 842,138,758



• ALL MEASUREMENTS ARE PULLED DIRECT

MODEL: Default
FILE: \\nrcs\pub\baronm.d\at\illinois\p\w\DOT\Documents\DOT - Offices\District 8\Projects\DOT\76K34\CADD\DATA\CAD\Sheets\DOT\76K34-1-11-drawalls.dgn

USER NAME = leej	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/14/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

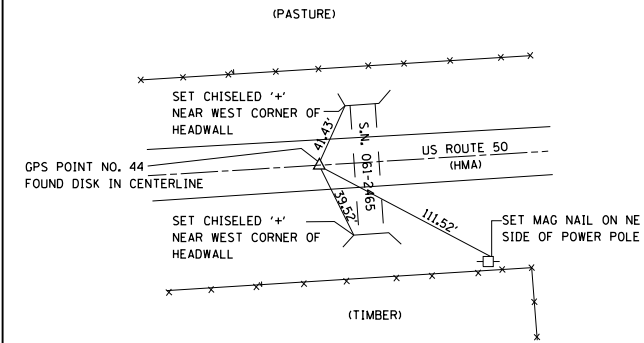
SURVEY MONUMENT COVER ASSEMBLY

SCALE: SHEET 5 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	15R5-6	MARION	36	35
CONTRACT NO. 76K34				
ILLINOIS FED. AID PROJECT				

CENTERLINE MONUMENT

GPS POINT NO. 44
 FOUND DISK IN CENTERLINE
 N 714,072.047
 E 841,622.166



• ALL MEASUREMENTS ARE
 PULLED DIRECT

MODEL: Default
 FILE: N:\mfc_p\suplanroom.d\Illinois.gov\PI\DOT\Documents\DOT_Offices\District 8\Projects\DOT\76K34\CADDData\CAD\Sheet\DOT76K34-11-decal.dgn

USER NAME = leej	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/14/2019	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SURVEY MONUMENT COVER ASSEMBLY

SCALE: SHEET 6 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327A	15R5-6	MARION	36	36
CONTRACT NO. 76K34				
ILLINOIS FED. AID PROJECT				