

INDEX OF SHEETS

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HIGHWAY STANDARDS

000001-06	701301-04
001006	701306-03
482011-03	701311-03
606001-06	701336-06
606006-03	701501-06
701001-02	701901-06
701006-05	780001-05
701011-04	781001-04
701201-04	

COMMITMENTS

NONE


GENERAL NOTES

1. 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:

- | | | |
|---------------------------------------|----------------|-------------------|
| • AMEREN ILLINOIS | GAS & ELECTRIC | (AERIAL & BURIED) |
| • CALHOUN COUNTY RURAL WATER DISTRICT | WATER | (BURIED) |
| • FRONTIER NORTH, INC. | COMMUNICATIONS | (AERIAL & BURIED) |
| • ILLINOIS RURAL ELECTRIC COOPERATIVE | ELECTRIC | (AERIAL) |

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.

- 2. THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING AND TOPOGRAPHY SHOWN IN THE PLANS WAS CREATED USING MICROFILM AND FIELD MEASUREMENTS. BOTH SHALL BE CONSIDERED TO BE APPROXIMATE. THE CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.
- 3. THE CONTRACTOR SHALL PROVIDE POSITIVE AND ADEQUATE DRAINAGE AT ALL TIMES.
- 4. NO OVERNIGHT LANE CLOSURES WILL BE PERMITTED.
- 5. FLAGGERS SHALL BE REQUIRED AT ALL TIMES DURING LANE CLOSURES.
- 6. 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 HOT-MIX ASPHALT MIXTURE IS PLACED.
- 7. THE TEMPORARY RAMPS USED ON ALL SIDE STREETS AND ENTRANCES SHALL NOT INTERFERE WITH THE THRU TRAFFIC LANES.
- 8. THE THICKNESS OF HOT-MIX ASPHALT MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX ASPHALT MIXTURE IS PLACED.

- 9. THE ESTIMATED QUANTITY OF 10537 TONS OF CUTTINGS IS FROM THE HOT-MIX ASPHALT SURFACE REMOVAL OPERATIONS.
- 10. THE CONTRACTOR SHALL SCHEDULE MILLING AND PAVING OPERATIONS TO AVOID AN ELEVATION DIFFERENCE GREATER THAN 2" BETWEEN LANES. ~~NOTCHED WEDGE LONGITUDINAL CONSTRUCTION JOINT WILL NOT BE ALLOWED.~~ 
- 11. THE USE OF VIBRATORY ROLLERS WILL NOT BE PERMITTED WITHIN THE CITY LIMITS OF KAMPSVILLE. THIS DOES NOT RELIEVE THE CONTRACTOR OF DENSITY REQUIREMENTS FOR THE CONSTRUCTION OF THE HOT-MIX ASPHALT PAVEMENTS AS SPECIFIED IN SECTIONS 406 & 407 OF THE STANDARD SPECIFICATIONS. COMPACTION SHALL BE OBTAINED AS SPECIFIED IN THE SPECIAL PROVISIONS.
- 12. THE PAY ITEM "SHORT TERM PAVEMENT MARKING REMOVAL" SHALL ONLY BE USED FOR THE REMOVAL OF THE SHORT-TERM PAVEMENT MARKING PLACED ON THE HMA SURFACE COURSE.
- 13. PRIOR TO THE MILLING OPERATIONS, THE RE/RT SHALL RECORD AND DOCUMENT ALL EXISTING PAVEMENT MARKINGS AND LOCATIONS INCLUDING ALL LANE MARKINGS, CROSS-WALKS, STOP BARS AND SYMBOLS. AFTER COMPLETION OF HOT-MIX ASPHALT OVERLAY OPERATIONS THE PROPOSED THERMOPLASTIC PAVEMENT MARKING SHALL BE PLACED AT THE EXISTING DOCUMENTED LOCATIONS.
- 14. ALL CONSTRUCTION DEBRIS SHALL BE REMOVED FROM THE PROJECT. THE COST FOR REMOVAL SHALL BE INCLUDED IN THE VARIOUS REMOVAL PAY ITEMS.
- 15. BUTT JOINTS ARE REQUIRED AT THE BEGINNING OF THE PROJECT, THE END OF THE PROJECT, AND ON EITHER SIDE OF THE BRIDGE OMISSIONS. THE BUTT JOINTS WILL NOT BE PAID FOR SEPARATELY, BUT INCLUDED IN THE COST OF HMA SURFACE REMOVAL, 2".
- 16. PLAN QUANTITIES FOR BITUMINOUS CONCRETE SURFACE COURSE ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/SQ YD/INCH.
- 17. THE COST FOR ANY EXCAVATION REQUIRED FOR THE 1 FOOT HMA SAFETY SHOULDER WILL BE INCLUDED IN THE COST PER TON FOR THE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70 PAY ITEM.
- 18. ANY EARTH EXCAVATION WITHIN THE PROJECT LIMITS RESULTING IN SURPLUS MATERIAL SHALL BE PLACED ON ROW WITHIN THE PROJECT LIMITS AND SHALL NOT BE DISPOSED OF OFF-SITE.


MIXTURE REQUIREMENTS

ROUTE	FAP 304
SECTION	5RS-6, 6RS-4
COUNTY	CALHOUN
CONTRACT	76H05

DESCRIPTION:	3P RESURFACING OF IL 96 FROM HAMBURG ROAD TO IL 100
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ADT (CONSTRUCTION YR):	550
MU%:	6.7
SU%:	8.9
20 YR. ESAL'S:	0.26

MIXTURE USE	SURFACE
AC/PG	PG 64-22
DESIGN AIR VOIDS	4.0% @ Ndes=70
MIX COMPOSITION	
(GRADATION MIXTURE)	IL 9.5
FRICTION AGG	MIXTURE "C"
QUALITY MGMT PROGRAM	OQQA

 REV. 1-4-17

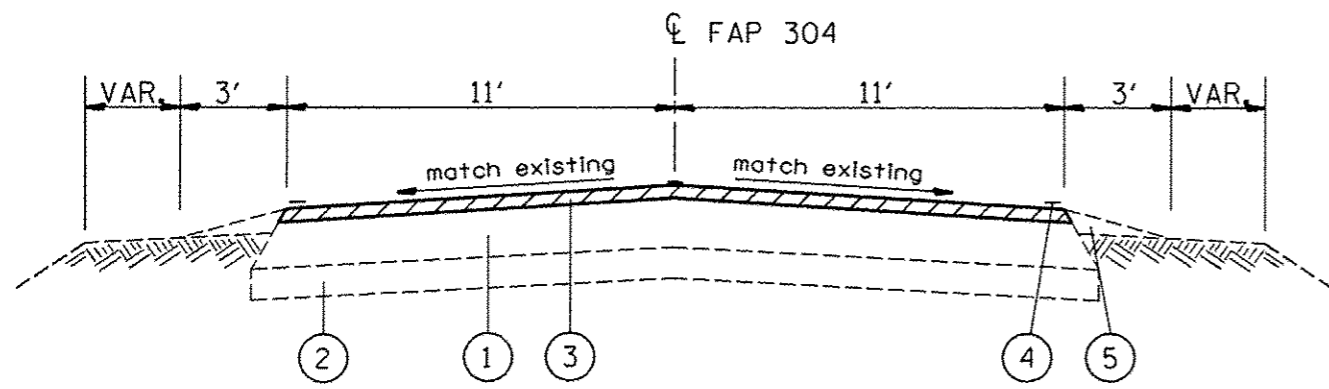
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				80% FED	20% STATE
				ROADWAY 0005	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	42486	42486	
40600990	TEMPORARY RAMP	SQ YD	98	98	
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	14770	14770	
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	94411	94411	
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	720	720	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	4	
67100100	MOBILIZATION	LSUM	1	1	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	LSUM	1	1	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	LSUM	1	1	
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	LSUM	1	1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1	1	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	11625	11625	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1292	1292	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	244704	244704	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				80% FED	20% STATE
				ROADWAY 0005	
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	50	50	
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	121567	121567	
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	25	25	
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	785	785	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	484	484	
<u>Z0034105</u>	<u>MATERIAL TRANSFER DEVICE</u>	TON	14770	14770	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	484	484	
∅ Z0076600	TRAINEES	Hour	1500	1500	
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	81618	81618	
∅ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	Hour	1500	1500	
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	38755	38755	

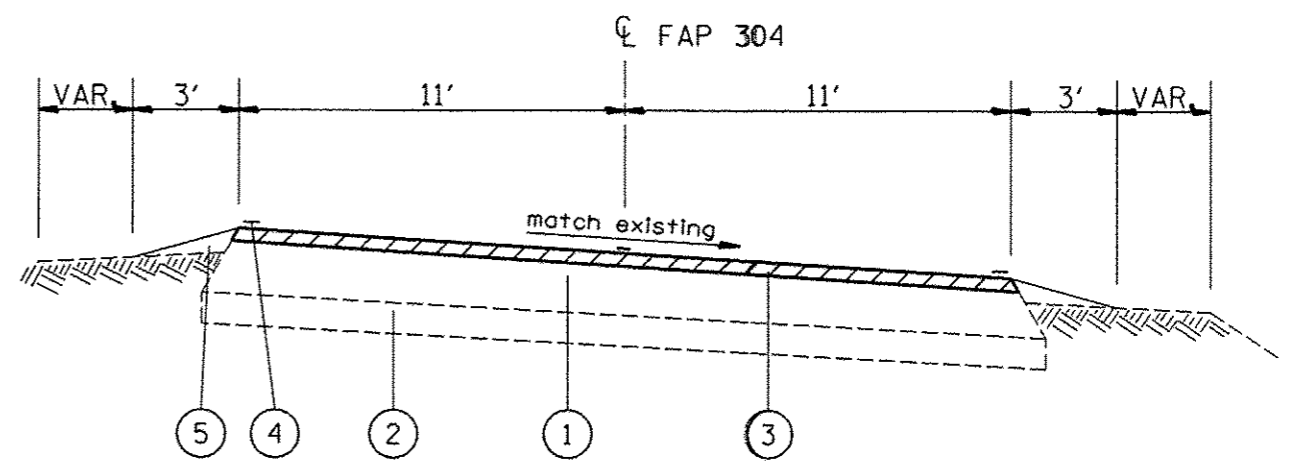
* SPECIALTY ITEM
∅ 0042

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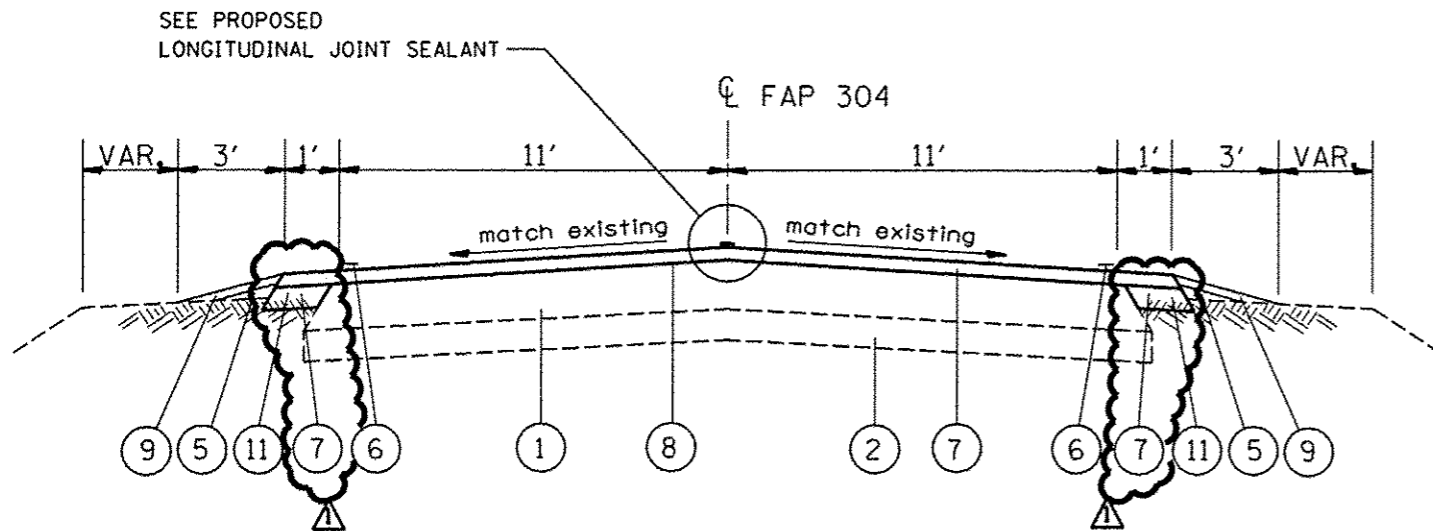
FILE NAME =	USER NAME = ch1del	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				
PROJECT =	PROJECT =	CHECKED -	REVISED -		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 1/8" = 100'	DATE =	DATE =	DATE =		304	5RS-6, 6RS-4	CALHOUN	7	3
PLOT DATE = 12/13/2016	DATE =	DATE =	DATE =		SCALE: _____		SHEET NO. 1 OF 1 SHEETS		STA. _____ TO STA. _____
						FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT	
						CONTRACT NO. 76H05			



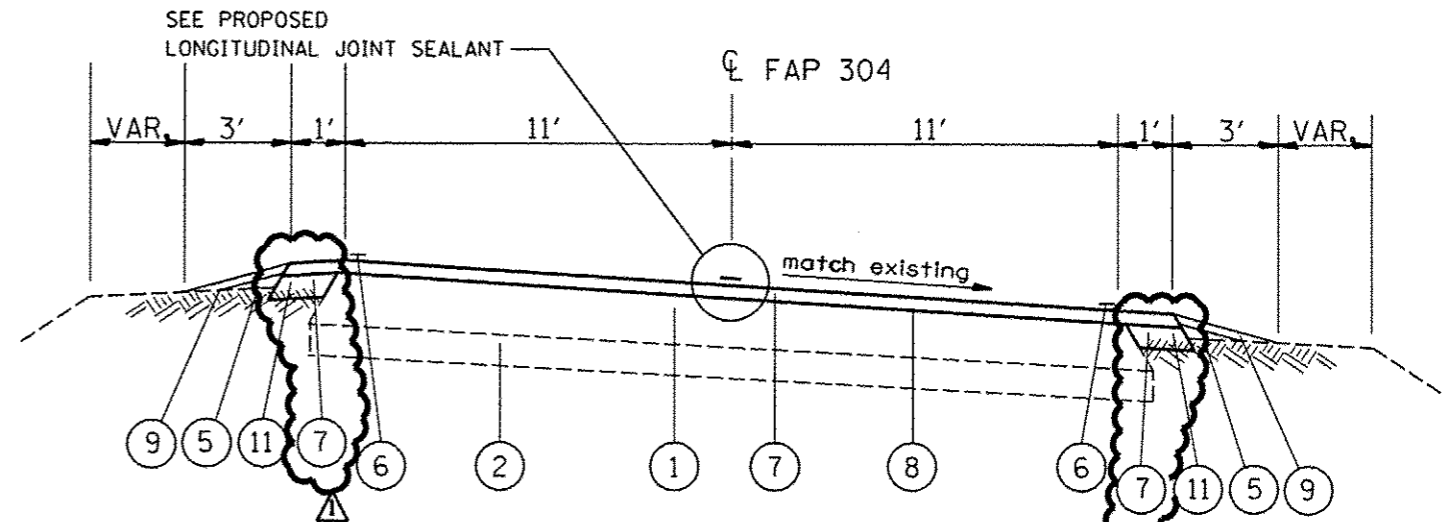
EXISTING TANGENT SECTION



EXISTING SUPERELEVATED SECTION



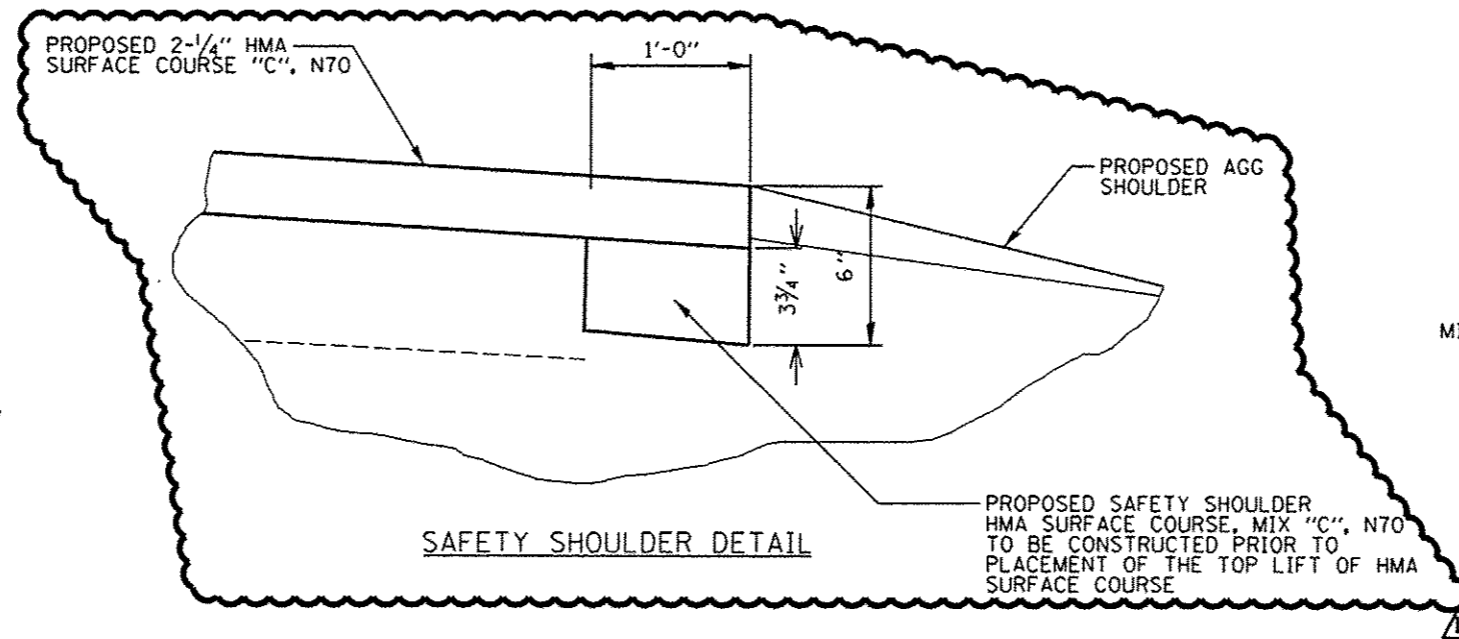
PROPOSED TANGENT SECTION



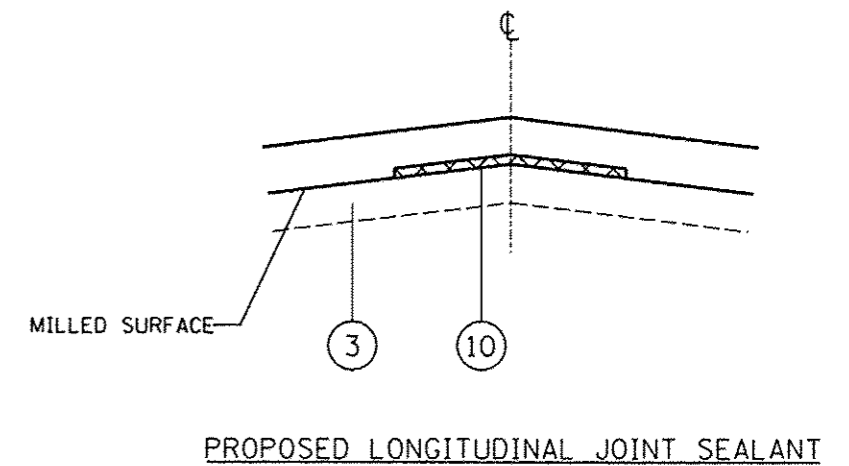
PROPOSED SUPERELEVATED SECTION

LEGEND

- ① EXISTING BITUMINOUS RESURFACING
- ② EXISTING AGGREGATE SUB-BASE
- ③ PROPOSED BITUMINOUS SURFACE REMOVAL - 2"
- ④ EXISTING PAINT PAVEMENT MARKING LINE - 4"
- ⑤ EXISTING AGGREGATE SHOULDERS, TYPE B
- ⑥ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE - 4"
- ⑦ PROPOSED HMA SURFACE COURSE, MIX "C", N70, 2 1/4"
- ⑧ PROPOSED BITUMINOUS MATERIALS (TACK COAT)
- ⑨ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑩ PROPOSED LONGITUDINAL JOINT SEALANT
- ⑪ PROPOSED HMA SAFETY SHOULDER, 6"



SAFETY SHOULDER DETAIL



PROPOSED LONGITUDINAL JOINT SEALANT

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FILE NAME * c:\pwwork\pwwork\chilidal\0379424\08769\05-sh-typical.dgn	USER NAME * chilidal	DESIGNED -	REVISIONS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.P. RTE. 304	SECTION 5RS-6, 6RS-4	COUNTY CALHOUN	TOTAL SHEETS 7	SHEET NO. 5
PLOT SCALE * 1/8" = 1'-0"	CHECKED -	REVISIONS -	SCALE: _____					SHEET NO. 1 OF 1 SHEETS	STA. _____ TO STA. _____	FED. ROAD DIST. NO. _____	ILLINOIS FED. AID PROJECT	
PLOT DATE * 12/16/2016	DATE -	REVISIONS -						CONTRACT NO. 76H05				