

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	84-12; 11-3	*	729	3
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT				
* SANGAMON AND CHRISTIAN				

GENERAL NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATION. THE J.U.L.I.E. NUMBER IS 1-800-892-0123.

THE LOCATION OF BURIED AND ABOVE GROUND UTILITIES SHOWN IS FOR THE CONTRACTOR'S INFORMATION ONLY AND IS NOT TO BE REFERENCED FOR CONSTRUCTION PURPOSES. THE IMPLIED PRESENCE OR ABSENCE OF UTILITIES IS NOT TO BE CONSTRUED BY THE OWNER, ENGINEER, CONTRACTOR OR SUB-CONTRACTOR TO BE AN ACCURATE AND COMPLETE REPRESENTATION OF UTILITIES THAT MAY OR MAY NOT EXIST ON THE CONSTRUCTION SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE HIS CONSTRUCTION ACTIVITIES WITH THE VARIOUS UTILITY OWNERS. ALL POTENTIAL CONFLICTS SHALL BE INVESTIGATED AND REMEDIAL ACTION TAKEN PRIOR TO INTERRUPTION OF THE CONTRACTOR'S PROGRESS.

ALL UTILITY FACILITIES THAT REQUIRE RELOCATION WITHIN STATE R.O.W. SHALL BE COMPLETED BY THE UTILITY COMPANY UNLESS OTHERWISE SHOWN ON THE PLANS.
- IN ADDITION TO FIELD SURVEYS AND AERIAL SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION DUE TO A CHANGE IN THE SCOPE OF WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE AGREED UNIT PRICE BID FOR THE WORK.
- ALL STATION AND OFFSET REFERENCES ARE TO THE ROADWAY CENTERLINE UNLESS OTHERWISE NOTED. THE STATE PLANE COORDINATE SYSTEM HAS BEEN USED FOR THE HORIZONTAL CONTROL.
- ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON U.S.G.S. MEAN SEA LEVEL DATUM.
- ANY REFERENCE WITHIN THESE PLANS TO A STANDARD SHALL BE INTERPRETED TO MEAN THE EDITION INDICATED BY THE SUB-NUMBER LISTED ON THE PREVIOUS SHEET OR THE COPY INCLUDED IN THESE PLANS.
- THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS BITUMINOUS LIFTS.
- IF SO DIRECTED BY THE ENGINEER, DITCHES ADJACENT TO EMBANKMENTS SHALL BE CONSTRUCTED PRIOR TO STARTING THE CONSTRUCTION OF THE EMBANKMENT FILL.
- GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, SHRUBS, TREES OR OTHER NATURAL OR MAN-MADE OBJECTS WHERE SHALLOW FILLS OR CUTS ARE ADJACENT TO THE ITEMS. IT IS THE INTENT THAT THE LIMITS OF CONSTRUCTION BE SUCH AS TO PRESERVE IN THE ORIGINAL STATE AS MUCH AREA OF TEMPORARY EASEMENTS AS POSSIBLE. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- SEEDING SHALL BE DONE ON ALL AREAS THAT ARE DISTURBED BY CONSTRUCTION OPERATIONS AS DIRECTED BY THE ENGINEER. SEEDING SHALL BE PAID FOR ONLY WITHIN THE PROPOSED RIGHT-OF-WAY OR EASEMENT LIMITS. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDDED, AS DIRECTED BY THE ENGINEER, AT THE CONTRACTOR'S EXPENSE.
- FACTORS USED FOR ESTIMATING PLAN QUANTITIES OR USAGE ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

HMA CONCRETE LEVELING BINDER 112 LBS./SQ. YD.-IN.
HMA CONCRETE BASE COURSE 112 LBS./SQ. YD.-IN.
HMA CONCRETE BINDER COURSE 112 LBS./SQ. YD.-IN.
HMA CONCRETE SURFACE COURSE 112 LBS./SQ. YD.-IN.
HMA SHOULDERS 40 LBS OF LIME/SQ. YD. OF SUBGRADE
LIME

SOIL (DRY DENSITY) 110 LBS./CU. FT.
AGGREGATE
- PUGGED AGGREGATE 2.05 TONS/CU.YD.
- ALL OTHER AGGREGATE 1.89 TONS/CU. YD.
BITUMINOUS MATERIALS:
- ON PAVEMENT 0.00038 TON/SQ. YD. (0.1 GAL/SQ. YD.)
0.00019 TON/SQ. YD. (0.05 GAL/SQ. YD.)
0.0014 TON/SQ. YD. (0.35 GAL/ SQ. YD.)
4 LBS./SQ.YD.
RIPRAP 1.50 TONS/CU. YD.
SEEDING FERTILIZER RATIO (NIT:PHOS:POT) 90:90:90 LBS./AC.
AGRICULTURAL GROUND LIMESTONE 2.00 TONS/AC.
MULCH 2.00 TONS/AC.
- THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR THE BINDER COURSE AND SURFACE COURSE.
- ACCESS TO ALL PRIVATE ENTRANCES SHALL BE MAINTAINED AT ALL TIMES. QUANTITIES FOR TEMPORARY ACCESS (PRIVATE ENTRANCE)-EACH, TEMPORARY ACCESS (FIELD ENTRANCE)-EACH, TEMPORARY ACCESS (COMMERCIAL ENTRANCE)-EACH, AND TEMPORARY ACCES (ROAD)-EACH HAVE BEEN ESTIMATED FOR THIS WORK. THESE QUANTITIES SHALL BE USED AS DIRECTED BY THE ENGINEER FOR MAINTAINING ACCESS.
- FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF EIGHT SAND BAGS PER BARRICADE.
- PROPOSED LIGHT POLE FOUNDATIONS SHALL BE CONSTRUCTED FLUSH WITH THE PROPOSED FINISHED SURFACE.
- THE DISTRICT BUREAU OF OPERATIONS SHALL BE NOTIFIED AT LEAST 14 DAYS PRIOR TO PLACEMENT OF FINAL AND TEMPORARY PAVEMENT MARKINGS PH: (217) 782-7314. THE BUREAU OF OPERATIONS WILL THEN DETERMINE THE ACTUAL LIMITS TO BE STRIPED AS "NO PASSING ZONES."
- ONLY THOSE TREES LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES, PLANTS, AND WETLANDS FROM DAMAGE. ALL TREES AND STUMPS INDICATED ON THE PLANS FOR REMOVAL SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
- WHERE PROPOSED CONSTRUCTION ABUTS EXISTING APPURTENCES, A SAW CUT SHALL BE MADE TO ACHIEVE A NEAT BUTT JOINT. SAW CUTS FOR PAVEMENT PATCHES WILL NOT BE MEASURED FOR PAYMENT. ALL OTHER SAWED JOINTS FOR REMOVALS AND BUTT JOINTS SHALL BE CONSIDERED INCLUDED IN ITEM BEING REMOVED OR CONSTRUCTED.
- GUARDRAIL MARKERS SHALL NOT BE ATTACHED TO PROPOSED "TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL" RAIL ELEMENTS. MARKERS IN THE AREA OF THE TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL SHALL BE MOUNTED ON THE NEAREST POST.
- CONNECT UNDERDRAINS TO MEDIAN STRUCTURES THRU PRECAST BLOCKOUTS. THE PRECAST BLOCKOUTS SHALL BE INCLUDED IN THE COST FOR PAY ITEM- UNDERDRAINS 4 INCH.
- BEFORE ORDERING PIPE CULVERTS, PIPE DRAINS OR MANHOLES, THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR EXACT LENGTHS.
- ALL OPENINGS IN PRECAST STRUCTURES, INCLUDING BOX CULVERTS, SHALL BE PRECAST TO THE PROPER SIZE. THIS INCLUDES OPENINGS FOR PIPE STRUCTURES, MANHOLE OPENINGS AND OPENINGS FOR PIPE UNDERDRAIN. COSTS FOR THESE OPENINGS AND THE CONNECTIONS SHALL BE CONSIDERED INCLUDED IN THE VARIOUS PAY ITEMS FOR THE STRUCTURES INVOLVED.
- ALL DRAINAGE STRUCTURES SHALL BE DELIVERED TO THE STATE WITHOUT SILT, DEBRIS OR OTHER SUCH OBSTRUCTIONS AT THE TIME OF FINAL INSPECTION. THE CLEANING OF THESE DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE VARIOUS PAY ITEMS INVOLVED.

- WHERE SECTION OR SUB-SECTION MARKERS ARE ENCOUNTERED THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROJECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED AGENT OR LAND SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- ALL EXISTING CMP CULVERTS IDENTIFIED FOR REMOVAL WITHIN THE REMOVAL PLANS SHALL BE INCLUDED IN THE COST FOR EARTH EXCAVATION AS NOTED.
- ANY REFERENCE OR CALLOUTS IN THESE PLANS TO "BITUMINOUS CONCRETE" SHALL BE INTERPRETED TO MEAN "HOT-MIX ASPHALT".
- ANY REFERENCE OR CALLOUTS IN THESE PLANS TO "AGGREGATE SHOULDERS, TYPE A" OR "AGGREGATE SHOULDERS, TYPE A B" SHALL BE INTERPRETED TO MEAN " AGGREGATE SHOULDERS, TYPE B"

26. ANY REFERENCE OR CALLOUTS IN THESE PLANS TO "AGGREGATE SHOULDERS, TYPE A" OR "AGGREGATE SHOULDERS, TYPE A B" SHALL BE INTERPRETED TO MEAN " AGGREGATE SHOULDERS, TYPE B"

COMMITMENTS

- THE CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH THE PROVISIONS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) STORM WATER PERMIT AND IMPLEMENT THE EROSION CONTROL PLAN INCLUDED IN THESE PLANS AND SPECIFIED HEREIN. AS SPECIFIED IN ARTICLE 107.23, THE ENGINEER MUST GIVE PRIOR APPROVAL BEFORE DISTURBANCE OF ANY AREA CAN BEGIN.
- AN ENVIRONMENTAL SURVEY HAS IDENTIFIED PRAIRIE GRASS WITHIN THE PROJECT LIMITS ON THE WESTERLY SIDE OF IL. RTE. 29 ALONG THE EXISTING RAILROAD BED FROM STA. 1664+35± LT. TO STA. 73+07± LT., AND STA. 82+67± LT. TO STA. 92+74± LT. PRAIRIE GRASS AREAS WITHIN THE PROPOSED CONSTRUCTION LIMITS SHALL HAVE THE SOIL STRIPPED, STOCKPILED, AND THEN RESPREAD IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS. PRAIRIE GRASS AREAS OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE PROTECTED WITH TEMPORARY FENCING AND PERMANENT SIGNAGE ALONG THE OUTSIDE BOUNDARY AS SHOWN IN THE PLANS OR AS DIRECTED BY ENGINEER.

JOHN WILKER OF ILLINOIS DEPARTMENT OF NATURAL RESOURCES (IDNR) SHALL BE NOTIFIED (217) 785-5500 TO ATTEND THE PRECONSTRUCTION MEETING.
- CLIFF FRYE- CHRISTIAN COUNTY ENGINEER, TIMOTHY ZAHRN- SANGAMON COUNTY ENGINEER, SAM BOWSHER- BUCKHART TOWNSHIP ROAD DISTRICT COMMISSIONER, AND JOE TAYLOR - COOPER TOWNSHIP ROAD DISTRICT COMMISSIONER SHALL BE NOTIFIED TO ATTEND THE PRECONSTRUCTION MEETING.
- DURING STAGED CONSTRUCTION OPERATIONS, CLOSURE OF SIDE ROADS SHALL BE LIMITED TO ONE ROAD CLOSURE AT A TIME. SIDE ROAD CLOSURES SHALL NOT BBE ALLOWED BEFORE JUNE 1st OR AFTER AUGUST 31st.
- VILLAGE OF EDINBURG
IDOT WILL CONDUCT PAVEMENT PATCHING, MILLING, CONSTRUCTION OF NEW FOUR-FOOT HMA SHOULDERS, 2 1/4", HMA RESURFACING AND PAVEMENT STRIPING FROM THE NORTH CONNECTOR AT TR 88 (725E) TO THE SOUTH CONNECTOR AT TR 73 (2050N).

LAND ACQUISITION COMMITMENTS

- PARCEL 6041334 (HUNSLEY)
ENTRANCES WILL BE PROVIDED @ TR 74 NORTH STA 102+70 LT. AND IL RTE 29 STA. 0+10 RT.
- PARCEL 6041320 (KRUGER)
24' WIDE FIELD ENTRANCES WILL BE PROVIDED AT CH 21 STA. 397+20 RT. AND IL RTE 29 STA. 1478+70 LT.
- PARCEL 6041315 (VINCENT)
AVOID DAMAGE TO 1 OAK TREE AND 2 MAPLE TREES AS WELL AS TREE ROOTS LOCATED TO THE EAST OF THE PRIVATE DRIVE TR 73 STA. 195+50, 43' LT., STA. 195+96, 43' LT., 196+22, 43' LT., DITCH GRADING MAY CAUSE ROOT DAMAGE TO THE LARGE ELM TREE WHICH WAS PREVIOUSLY COMPENSATED.
- PARCEL 6041337 (BROCKELSBY)
CROSS ROAD CULVERT IL ROUTE 29 STATION 1627+00 LOWERED 2.8' FEET ALONG WITH UPSTREAM RIGHT DITCH ALONG IL 29. PROPERTY OWNER WILL REGRADE OUTLET TO THE WEST PRIOR TO CONSTRUCTION. BACK SLOPES OF DITCHES ALONG TR 63/74 SOUTH STA. 94+75 TO STA. 97+40 AND TR 63/74 NORTH STA. 98+00 TO STA. 94+75 UPON THIS PARCEL FLATTENED TO 5:1 OR AS RIGHT OF WAY LIMITS ALLOW.
- PARCEL 6041331 (REISCH)
RECONNECT FIELD TILE AND CONSOLIDATE STANDPIPE ALONG TR 88 ADJACENT TO PAVEMENT REMOVAL LOCATED APPROXIMATELY 600' SOUTH OF PROPOSED IL 29 ALIGNMENT, IL 29 STA. 1581+64, 479' LT.
- PARCEL 6041332 (DAMBACHER-PUCHETTI)
CUT A ROADSIDE DITCH ALONG EAST SIDE OF TR 88 NORTH OF PROPOSED FE TO DRAIN TO THE SOUTH. (STA. 604+00 TO 607+00)
- PARCEL 6041336 (LANHAM)
AN ENTRANCE WILL BE PROVIDED ALONG TR 63/74 NORTH STA. 96+22.58 RT.
- PARCEL 6041349 (WEISER)
AN ENTRANCE WILL BE PROVIDED ALONG TR 321 STA. 94+50 LT.
- PARCEL 6041365 (ANKER-HILL)
AN ENTRANCE WILL BE PROVIDED ALONG THE NORTH SIDE OF EXISTING TR 299 ACROSS FROM BRECKENRIDGE. IL RTE STA 82+50, 298.7' LT.
- PARCEL 6041312 (OLLER)
THE PROPERTY OWNER REQUESTED THAT THE DEPARTMENT MOVE THE FIELD ENTRANCE ON TR 73 TO LINE UP WITH HIS BARN. IT WAS AGREED UPON THAT A 24' FIELD ENTRANCE WOULD BE MOVED FROM 196+00 RT. TO STA. 197+15 RT. ON TR 73.
- LOT 7 AND 8 (BRECKENRIDGE)
LIMIT GRADING TO A/C LIMITS ALONG IL 29 STA. 76+60, LT. TO 78+03, LT. MINIMIZE FRONT YARD DISTURBANCE

REVISIONS	
NAME	DATE
REV.-1	5/25

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES, COMMITMENTS
AND
LAND ACQUISITION COMMITMENTS

SCALE: N/A
DATE: 03/06/2012

DRAWN BY: B.M.B.
CHECKED BY: J.M.M.

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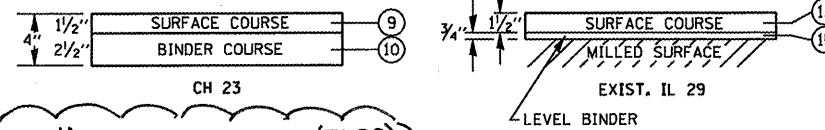
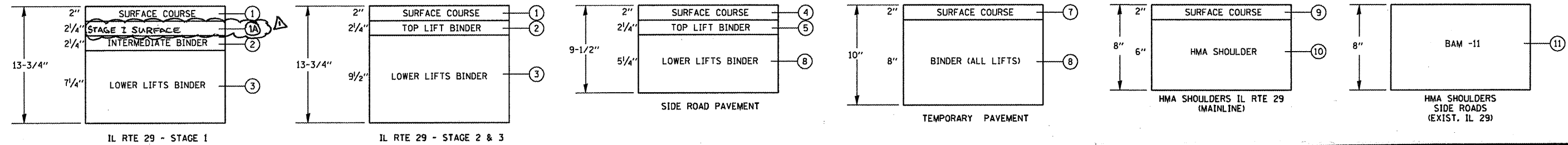
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	84-12; 11-3	*	729	4
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT				
* SANGAMON AND CHRISTIAN				

MIXTURE REQUIREMENTS

MIXTURE NUMBER:	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8	No. 9	No. 10
MIXTURE USE(S):	HMA SURFACE (IL 29)	HMA TOP LIFT BINDER (IL 29)	HMA LOWER LIFTS BINDER (IL 29)	HMA SURFACE (SIDE ROADS)	HMA TOP LIFT BINDER (SIDE ROADS)	HMA LOWER LIFTS BINDER (SIDE ROADS)	HMA SURFACE (TEMPORARY PAVEMENT)	HMA BINDER (TEMPORARY PAVEMENT)	HMA SHOULDERS TOP LIFT (IL 29)	HMA SHOULDERS LOWER LIFTS (IL 29)
AC/PG:	SBS PG 70-28	SBS PG 70-28	PG 64-22	SBS-PG 64-28	SBS-PG 64-28	PG 64-22	SBS PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N70	4.0% @ N70	4.0% @ N70	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N70	4.0% @ N70	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5 OR IL-12.5	IL-19.0	IL-19.0	IL-9.5 OR IL-12.5	IL-19.0	IL-19.0	IL-9.5 OR IL-12.5	IL-19.0	IL-9.5 OR IL-12.5	IL-19.0
FRICION AGGREGATE:	MIX D	N/A	N/A	MIX "C"	N/A	N/A	MIX "C"	N/A	MIX "C"	N/A

MIXTURE NUMBER:	No. 11	No. 12	No. 13	No. 14	No. 15
MIXTURE USE(S):	HMA SHOULDERS (SIDE ROADS)	PATCHING	SURFACE (IL 29 RESURFACING)	SURFACE (SIDE ROADS)	LEVEL BINDER (EXIST. IL 29)
AC/PG:	PG 58-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	2.0% @ N30	4.0% @ N70	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	BAM	IL 19.0	IL 9.5 OR IL 12.5	IL-9.5 OR IL-12.5	IL-9.5
FRICION AGGREGATE:	N/A	N/A	MIX "C"	MIX "C"	N/A

** DESIGN THIS MIXTURE @ 4.0% AIR VOIDS.
ADDITIONAL AC SHALL BE ADDED TO REDUCE AIR VOIDS TO 2.5%.



NO. 1A STAGE I SURFACE (IL 29)
SBS PG 70.28
4.0% @ N70
IL 9.5 OR IL 12.5
MIX C

FULL DEPTH BITUMINOUS CONCRETE PAVING LIFT DIAGRAMS

NOTE: MIXTURE 1A WILL BE CONSIDERED WITH THE SURFACE COURSE MIXTURE NO. 1 FOR PFP-PWL CALCULATION

DISTRICT SIX	
EXAMINED <u>1/13</u>	20 <u>12</u>
<i>William A. B...</i> OPERATIONS ENGINEER	
EXAMINED <u>FEB 29</u>	20 <u>12</u>
<i>Jimmy L...</i> PROJECT IMPLEMENTATION ENGINEER	
EXAMINED <u>MARCH 28</u>	20 <u>12</u>
<i>John C. W...</i> PROGRAM DEVELOPMENT ENGINEER	

REVISIONS	
NAME	DATE
NA	6/12

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MIXTURE REQUIREMENTS
SCALE: N/A
DATE: 03/06/2012
DRAWN BY: R.A.H.
CHECKED BY: J.M.M.

Default: L:\DOT\03066601\dr\ow\sheets\0672829-sht1-MixReq.dgn 3/16/2012

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	84-12; 11-3	*	729	8
STA.		TO STA.		
FED. ROAD DIST. NO. 5		ILLINOIS	FED. AID PROJECT	
* SANGAMON AND CHRISTIAN				

LOCATION OF WORK	CHRISTIAN COUNTY		SANGAMON COUNTY
	80% FEDERAL / 20% STATE		80% FEDERAL / 20% STATE
	ROADWAY	STRUCTURES	ROADWAY
	STA. 1415+00.00 TO STA. 1665+04.46	SN011-2514 SN011-2515 SN011-7052 SN011-7053 MINOR CIP STRUCTURES	STA. 0+00.00 TO STA. 130+00.00

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE		
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	0001	0008	0001
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	514.7	288.5		226.2
40600300	AGGREGATE (PRIME COAT)	TON	65.8	65.8		
40600625	LEVELING BINDER (MACHING METHOD), N50	TON	1,126.3	1,126.3		
40600895	CONSTRUCTING TEST STRIP	EACH	6	3		3
40600990	TEMPORARY RAMP	SQ YD	436	258		178
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	969.7	969.7		
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	2,834.3	2,834.3		
40701871	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9 1/2"	SQ YD	35,072	30,240		4,832
40701881	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10"	SQ YD	7,922	1,011		6,911
40701956	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13 3/4"	SQ YD	215,383	148,214		67,169
44000100	PAVEMENT REMOVAL	SQ YD	85,715	44,904		40,811
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	1,859	507		1,352
44004250	PAVED SHOULDER REMOVAL	SQ YD	6,897	2,164		4,733
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SQ YD	1,500	1,500		

REVISIONS	
NAME	DATE
Δ NH	6/1/12

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N/A
DATE: 03/06/2012

DRAWN BY: B.J.D.
CHECKED BY: J.M.M.

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 4/25/2012

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	84-12: 11-3	*	729	9
STA.		TO STA.		
FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT				
* SANGAMON AND CHRISTIAN				

LOCATION OF WORK	CHRISTIAN COUNTY		SANGAMON COUNTY	
	80% FEDERAL / 20% STATE		80% FEDERAL / 20% STATE	
	ROADWAY	STRUCTURES	ROADWAY	
	STA. 1415+00.00 TO STA. 1665+04.46	SNO11-2514 SNO11-2515 SNO11-7052 SNO11-7053 MINOR CIP STRUCTURES	STA. 0+00.00 TO STA. 130+00.00	

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE		
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	0001	0008	0001
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	1,572	1,538		34
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	82	82		
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	100	100		
48100100	AGGREGATE SHOULDERS, TYPE A	TON	19,044.6	12,954.6		6,090.0
48101200	AGGREGATE SHOULDERS, TYPE B	TON	27,139.8	18,461.2		8,678.6
48100700	AGGREGATE SHOULDERS, TYPE A 8"	SQ YD	19,265	12,930		6,335
48203005	HOT-MIX ASPHALT SHOULDERS, 2"	SQ YD	1,904	507		1,397
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	115,163	79,888		35,275
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	15	10		5
50800105	REINFORCEMENT BARS	POUND	132,780		132,780	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	230		230	
54003000	CONCRETE BOX CULVERTS	CU YD	640		640	
54010402	PRECAST CONCRETE BOX CULVERTS 4' X 2'	FOOT	168		168	
54010503	PRECAST CONCRETE BOX CULVERTS 5' X 3'	FOOT	450		450	
54011005	PRECAST CONCRETE BOX CULVERTS 10' X 5'	FOOT	336		336	

REVISIONS	
NAME	DATE
Δ NH	4-1-12

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N/A
 DATE: 03/06/2012
 DRAWN BY: B.J.D.
 CHECKED BY: J.M.M.

Default: 03066CON\work\sheets\0372829-sh1-500.dgn 4/25/2012

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	84-12; 11-3	*	729	21
STA.		TO STA.		
FED. ROAD DIST. NO. 5		ILLINOIS	FED. AID PROJECT	
* SANGAMON AND CHRISTIAN				

LOCATION OF WORK	CHRISTIAN COUNTY		SANGAMON COUNTY
	80% FEDERAL / 20% STATE		80% FEDERAL / 20% STATE
	ROADWAY	STRUCTURES	ROADWAY
	STA. 1415+00.00 TO STA. 1665+04.46	SNO11-2514 SNO11-2515 SNO11-7052 SNO11-7053 MINOR CIP STRUCTURES	STA. 0+00.00 TO STA. 130+00.00

SUMMARY OF QUANTITIES

CONSTRUCTION TYPE CODE

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	0001	0008	0001
Z0026305	FURNISHING AND MAINTAINING AUTOMOTIVE VEHICLES	CAL MO	60	30		30
Z0030260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2	2		
Z0034105	MATERIAL TRANSFER DEVICE	TON	46,072.0	31,163.0		14,909.0
Z0041500	PLUG EXISTING CULVERTS	EACH	1			1
Z0049901	REMOVAL AND DISPOSAL OF NON - FRIABLE ASBESTOS, BUILDING NO. 1	L SUM	1			1
Z0054515	ROCK FILL EMBANKMENT	TON	5,150.0	2,575.0		2,575.0
Z0054517	ROCK FILL - FOUNDATION	TON	4,875.0	1,015.0	3,860.0	
Z0073002	TEMPORARY SOIL RETENTION SYSTEM	SO FT	364		364	
Z0054530	ROCK FILL - SUBGRADE	TON	5,150	2,575		2,575

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4/25/2012

REVISIONS	
NAME	DATE
JD	6-1-12

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N/A
DATE: 03/06/2012

DRAWN BY: B.J.D.
CHECKED BY: J.M.M.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	84-12; 11-3	*	729	24
STA. N/A TO STA. N/A				
FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT				
* SANGAMON AND CHRISTIAN				

PROPOSED LEGEND

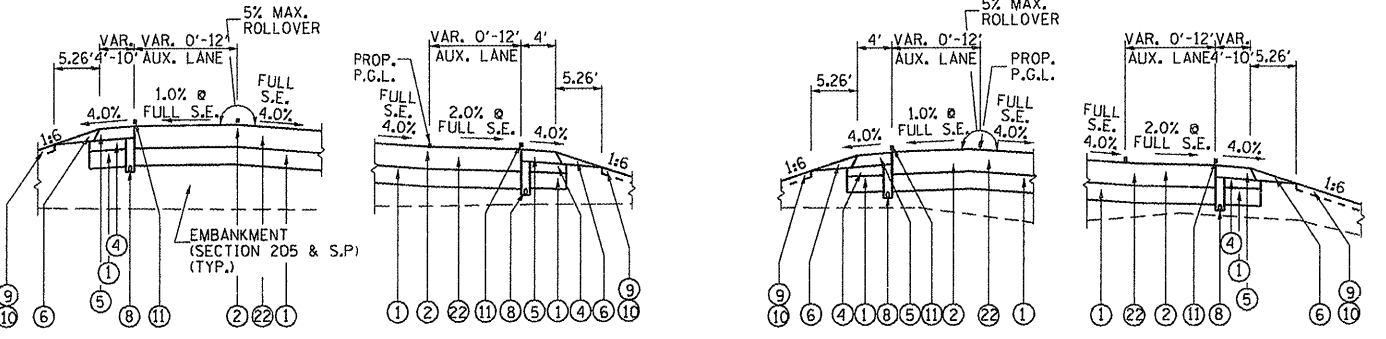
- 1 PROP. PROCESSING MODIFIED SOIL 12"
- 2 PROP. HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13 3/4"
- 3 PROP. BITUMINOUS MATERIALS (PRIME COAT)
- 4 PROP. SUB-BASE GRANULAR MATERIAL, TYPE C
- 5 PROP. HOT-MIX ASPHALT SHOULDERS, 8" (W - W/O RUMBLE STRIP)
- 6 PROP. AGGREGATE SHOULDERS, TYPE A
- 7 PROP. AGGREGATE SHOULDERS, TYPE A, 8"
- 8 PROP. PIPE UNDERDRAINS, 4"
- 9 PROP. SEEDING CLASS 2, WITH MULCH METHOD 2
- 10 PROP. TOPSOIL PLACEMENT, 4"
- 11 PROP. LANE STRIPING (SEE PAVEMENT MARKING PLAN)
- 12 PROP. AGGREGATE BASE COURSE, TYPE A, 10"
- 13 PROP. A-3 BITUMINOUS SURFACE TREATMENT
- 14 PROP. HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9 1/2"
- 15 PROP. REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- 16 PROP. PAVEMENT REMOVAL
- 17 FOG TACK COAT PER ENGINEER (ART. 407.13)
- 18 PROP. HOT MIX ASPHALT SURFACE REMOVAL, VARIABLE (1/2" TO 3/4")
- 19 PROP. TOPSOIL PLACEMENT (SPECIAL), 4"
- 20 PROP. INTERSEEDING, CLASS 5 (MODIFIED)
- 21 PROP. STORM SEWER, 18"
- 22 PROP. TOPSOIL EXCAVATION (SPECIAL), 12"
- 23 PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- 24 PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1 1/2"
- 25 PROP. HOT-MIX ASPHALT SHOULDERS, 2" (W - W/O RUMBLE STRIP)
- 26 PROP. HOT-MIX ASPHALT LEVELING BINDER (MACHINE METHOD), N50, 3/4"
- 27 PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1 1/2"
- 28 PROP. HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50, 2 1/2"

EXISTING LEGEND

- 1 EXISTING P.C.C. CONCRETE (9"-6"-9") WITH BASE COURSE WIDENING AND BITUMINOUS OVERLAY
- 2 EXISTING STABILIZED SUB-BASE (12")
- 3 EXISTING BITUMINOUS CONCRETE PAVEMENT, 13 3/4"
- 4 EXISTING BASE COURSE WIDENING (9")
- 5 EXISTING BITUMINOUS CONCRETE OVERLAY (2 1/4" TO 5 1/4")
- 6 EXISTING SUB-BASE GRANULAR MATERIAL
- 7 EXISTING BITUMINOUS CONCRETE SHOULDER (8")
- 8 EXISTING BITUMINOUS CONCRETE SHOULDER (9 1/2")
- 9 EXISTING AGGREGATE SHOULDER (6")
- 10 EXISTING AGGREGATE SHOULDER (8")
- 11 EXISTING PIPE UNDERDRAIN, 4"
- 12 EXISTING OIL AND CHIP PAVEMENT (VARIES)

INDEX OF TYPICAL SHEETS

- SHEET 24 - IL. RTE. 29 DETAILS
- SHEET 25 - SIDEROAD DETAILS
- SHEET 26 - IL. RTE. 29 STA. 1415+00.00 TO STA. 1424+00.00
- IL. RTE. 29 STA. 1424+00.00 TO STA. 1428+17.55
- SHEET 27 - IL. RTE. 29 STA. 1428+17.55 TO STA. 1459+64.30
- IL. RTE. 29 STA. 1459+64.30 TO STA. 1484+15.81
- IL. RTE. 29 STA. 1536+97.95 TO STA. 1586+58.05
- SHEET 28 - IL. RTE. 29 STA. 1484+15.81 TO STA. 1536+97.95
- IL. RTE. 29 STA. 1586+58.05 TO STA. 1610+74.59
- IL. RTE. 29 STA. 53+42.47 TO STA. 105+00.00
- SHEET 29 - IL. RTE. 29 STA. 1610+74.59 TO STA. 1665+04.46
- IL. RTE. 29 STA. 0+00.00 TO STA. 53+42.47
- IL. RTE. 29 STA. 105+00.00 TO STA. 115+98.51
- SHEET 30 - IL. RTE. 29 STA. 115+98.51 TO STA. 130+00.00
- SHEET 31 - TR 81 (2000N)
- SHEET 32 - TR 73 (2050N)
- SHEET 33 - TR 73 CONNECTOR (2050N)
- SHEET 34 - CH 21 (2100N)
- SHEET 35 - CH 23 (800E)
- SHEET 36 - TR 88 (725E) STA. 584+69.04 TO STA. 599+39.00
- SHEET 37 - TR 88 (725E) STA. 600+61.00 TO STA. 604+95.01
- SHEET 38 - TR 74 (625E) / TR 63 (2300N)
- SHEET 39 - TR 486 (11.5E) / TR 321 (7.5S)
- SHEET 40 - TR 299 (7S) / ELM STREET
- SHEET 41 - TR 299 (7S) / ELM STREET
- SHEET 42 - EXISTING IL ROUTE 29

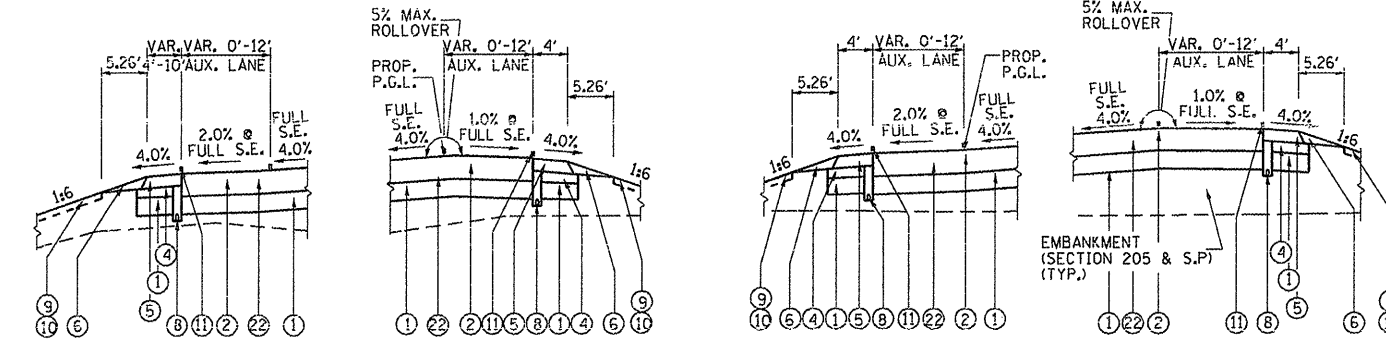


S.B. RIGHT TURN LANE CURVE RIGHT
 STA. 1431+00.79 TO STA. 1435+30.79
 STA. 1459+47.20 TO STA. 1463+77.20

S.B. LEFT TURN LANE CURVE RIGHT
 STA. 1430+48.46 TO STA. 1434+78.46
 STA. 1459+23.26 TO STA. 1463+53.26
 STA. 1512+75.11 TO STA. 1516+48.65

N.B. LEFT TURN LANE CURVE RIGHT
 STA. 1424+73.35 TO STA. 1429+03.35
 STA. 1453+55.76 TO STA. 1457+85.76

N.B. RIGHT TURN LANE CURVE RIGHT
 STA. 1424+11.48 TO STA. 1428+41.48
 STA. 1453+33.43 TO STA. 1457+63.43



S.B. RIGHT TURN LANE CURVE LEFT
 STA. 1485+92.83 TO STA. 1490+22.83

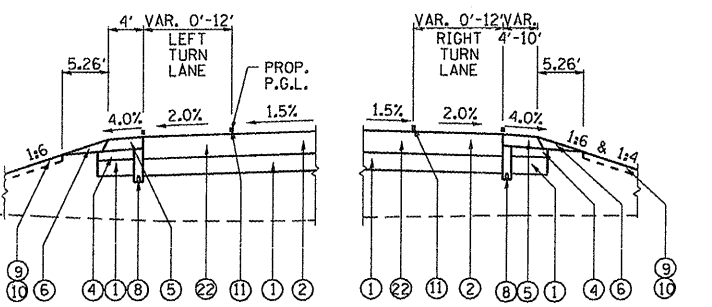
S.B. LEFT TURN LANE CURVE LEFT
 STA. 1485+62.11 TO STA. 1489+92.11

N.B. LEFT TURN LANE CURVE LEFT
 STA. 1479+93.30 TO STA. 1484+23.30
 STA. 1538+56.49 TO STA. 1539+86.49
 STA. 1507+33.35 TO STA. 1511+05.07

N.B. RIGHT TURN LANE CURVE LEFT
 STA. 1479+68.30 TO STA. 1483+98.30
 STA. 1535+32.31 TO STA. 1539+62.31

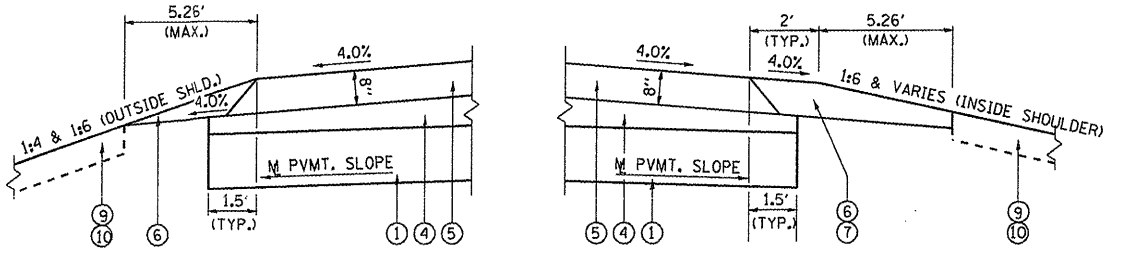
TYPICAL AUXILIARY LANES WITHIN MAINLINE S.E. LIMITS

FOR SUPERELEVATION TRANSITION RATES AND LOCATIONS, SEE SUPERELEVATION DETAILS, CROSS-SECTION SHEETS, AND INTERSECTION DETAIL SHEETS



TYPICAL AUXILIARY LANES WITHIN MAINLINE N.C. LIMITS

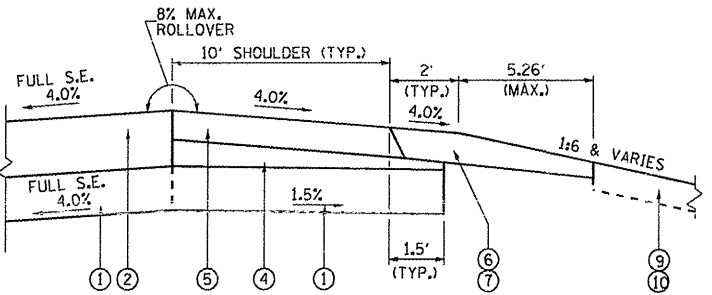
STA. 1511+
 STA. 1541+26.20 TO STA. 1545+68.20 (LT. & RT. TURN LANES - S.B.)
 STA. 1579+88.05 TO STA. 1593+73.16 (LT. & RT. TURN LANES - N.B. & S.B.)
 STA. 1643+21.94 TO STA. 1653+70.85 (LT. & RT. TURN LANES - N.B. & S.B.)
 STA. 26+27.59 TO STA. 36+44.28 (LT. & RT. TURN LANES - N.B.; LT. TURN LANE - S.B.)
 STA. 66+25.22 TO STA. 76+74.28 (LT. & RT. TURN LANES - N.B. & S.B.)



AGGREGATE WEDGE SHOULDER, TYPE B

AGGREGATE SHOULDER, TYPE A, 8"

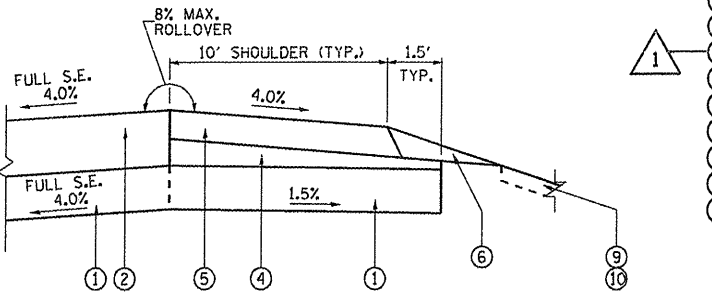
PROPOSED AGGREGATE SHOULDER DETAIL



NOTE: THE CONTRACTOR SHALL BREAK GRADE OF THE PROPOSED LIME MODIFIED SUBGRADE AS DIRECTED BY THE ENGINEER AT THE PROPOSED SHOULDER LINE ON THE HIGH SIDE OF THE S.E. IN ORDER TO MAINTAIN FULL 12" THICKNESS OF THE LIME MODIFIED SUBGRADE.

LIME MODIFIED SUBGRADE DETAIL

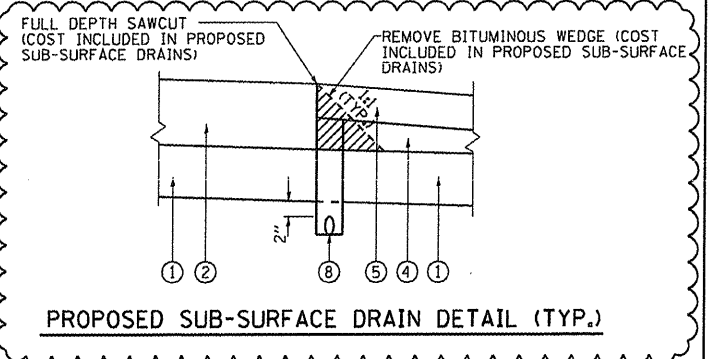
FOR MAINLINE PAVEMENT IN FULL S.E. (INSIDE SHOULDER)



NOTE: THE CONTRACTOR SHALL BREAK GRADE OF THE PROPOSED LIME MODIFIED SUBGRADE AS DIRECTED BY THE ENGINEER AT THE PROPOSED SHOULDER LINE ON THE HIGH SIDE OF THE S.E. IN ORDER TO MAINTAIN FULL 12" THICKNESS OF THE LIME MODIFIED SUBGRADE.

LIME MODIFIED SUBGRADE DETAIL

FOR MAINLINE PAVEMENT IN FULL S.E. (OUTSIDE SHOULDER)



PROPOSED SUB-SURFACE DRAIN DETAIL (TYP.)

REVISIONS	
NAME	DATE
REV 1	5/23/12

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS IL. RTE. 29 - DETAILS

SCALE: NONE
 DATE: 03/06/2012
 DRAWN BY: B.J.D.
 CHECKED BY: J.M.M.

U:\1001\03066\03066.dwg 5/23/2012 5:23/2012

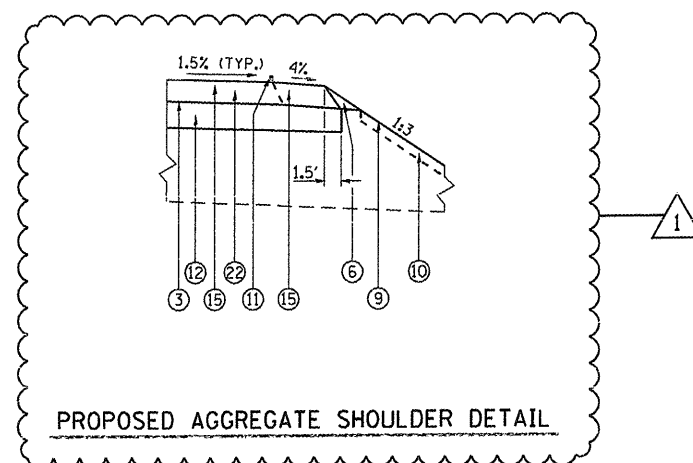
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	B4-12; 11-3	*	729	25
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 5 ILLINOIS		FED. AID PROJECT		
* SANGAMON AND CHRISTIAN				

PROPOSED LEGEND

- ① PROP. PROCESSING MODIFIED SOIL 12"
- ② PROP. HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13 3/4"
- ③ PROP. BITUMINOUS MATERIALS (PRIME COAT)
- ④ PROP. SUB-BASE GRANULAR MATERIAL, TYPE C
- ⑤ PROP. HOT-MIX ASPHALT SHOULDERS, 8" (W - W/O RUMBLE STRIP)
- ⑥ PROP. AGGREGATE SHOULDERS, TYPE A
- ⑦ PROP. AGGREGATE SHOULDERS, TYPE A, 8"
- ⑧ PROP. PIPE UNDERDRAINS, 4"
- ⑨ PROP. SEEDING CLASS 2, WITH MULCH METHOD 2
- ⑩ PROP. TOPSOIL PLACEMENT, 4"
- ⑪ PROP. LANE STRIPING (SEE PAVEMENT MARKING PLAN)
- ⑫ PROP. AGGREGATE BASE COURSE, TYPE A, 10"
- ⑬ NOT USED
- ⑭ PROP. A-3 BITUMINOUS SURFACE TREATMENT
- ⑮ PROP. HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9 1/2"
- ⑯ PROP. REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- ⑰ PROP. PAVEMENT REMOVAL
- ⑱ NOT USED
- ⑲ NOT USED
- ⑳ NOT USED
- ㉑ NOT USED
- ㉒ FOG TACK COAT PER ENGINEER (ART. 407.13)
- ㉓ NOT USED
- ㉔ PROP. HOT MIX ASPHALT SURFACE REMOVAL, VARIABLE (1/2" TO 3/4")
- ㉕ PROP. TOPSOIL PLACEMENT (SPECIAL), 4"
- ㉖ PROP. INTERSEEDING, CLASS 5 (MODIFIED)
- ㉗ PROP. STORM SEWER, 18"
- ㉘ PROP. TOPSOIL EXCAVATION (SPECIAL), 12"
- ㉙ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- ㉚ PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1 1/2"
- ㉛ PROP. HOT-MIX ASPHALT SHOULDERS, 2" (W - W/O RUMBLE STRIP)
- ㉜ PROP. HOT-MIX ASPHALT LEVELING BINDER (MACHINE METHOD), N50, 3/4"
- ㉝ PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1 1/2"
- ㉞ PROP. HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50, 2 1/2"

EXISTING LEGEND

- ① EXISTING P.C.C. CONCRETE (9"-6"-9") WITH BASE COURSE WIDENING AND BITUMINOUS OVERLAY
- ② EXISTING STABILIZED SUB-BASE (12")
- ③ EXISTING BITUMINOUS CONCRETE PAVEMENT, 13 3/4"
- ④ EXISTING BASE COURSE WIDENING (9")
- ⑤ EXISTING BITUMINOUS CONCRETE OVERLAY (2 1/4" TO 5 1/4")
- ⑥ EXISTING SUB-BASE GRANULAR MATERIAL
- ⑦ EXISTING BITUMINOUS CONCRETE SHOULDER (8")
- ⑧ EXISTING BITUMINOUS CONCRETE SHOULDER (9 1/2")
- ⑨ EXISTING AGGREGATE SHOULDER (6")
- ⑩ EXISTING AGGREGATE SHOULDER (8")
- ⑪ EXISTING PIPE UNDERDRAIN, 4"
- ⑫ EXISTING OIL AND CHIP PAVEMENT (VARIES)



REVISIONS	
NAME	DATE
REV 1	5/23/12

ILLINOIS DEPARTMENT OF TRANSPORTATION

**TYPICAL SECTIONS
SIDEROADS - DETAILS**

SCALE: NONE
DATE: 03/06/2012
DRAWN BY: B.J.D.
CHECKED BY: J.M.M.

TYPICAL SECTIONS - STANDARD DETAILS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	84-12; 11-3	*	729	48
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT				
* SANGAMON AND CHRISTIAN				

AGGREGATE SCHEDULE

STATION / LOCATION		SUBBASE GRANULAR MATERIAL, TYPE C (TON)	SUBBASE GRANULAR MATERIAL, TYPE B, 4" (SQ YD)	AGGREGATE BASE COURSE, TYPE A 12" (SQ YD)	AGGREGATE BASE COURSE, TYPE A 10" (SQ YD)	AGGREGATE SHOULDERS, TYPE B (TON)
IL RTE 29						
STA 1403+00.00	TO 1418+00.00	LT	128.4			168.3
STA 1403+00.00	TO 1418+00.00	RT				170.6
STA 1418+00.00	TO 1433+00.00	LT	579.8			449.7
STA 1418+00.00	TO 1433+00.00	RT	297.7			248.6
STA 1433+00.00	TO 1448+00.00	LT	628.3			496.6
STA 1433+00.00	TO 1448+00.00	RT	654.2			505.0
STA 1448+00.00	TO 1463+00.00	LT	563.5			438.8
STA 1448+00.00	TO 1463+00.00	RT	562.9			432.4
STA 1463+00.00	TO 1478+00.00	LT	640.5			505.1
STA 1463+00.00	TO 1478+00.00	RT	642.0			501.3
STA 1478+00.00	TO 1493+00.00	LT	557.7			426.8
STA 1478+00.00	TO 1493+00.00	RT	559.3			434.4
STA 1493+00.00	TO 1508+00.00	LT	654.2			500.7
STA 1493+00.00	TO 1508+00.00	RT	647.3			507.1
STA 1508+00.00	TO 1523+00.00	LT	646.3			446.9
STA 1508+00.00	TO 1523+00.00	RT	638.6			457.1
STA 1523+00.00	TO 1538+00.00	LT	637.2			505.2
STA 1523+00.00	TO 1538+00.00	RT	624.2			492.2
STA 1538+00.00	TO 1553+00.00	LT	562.3			435.5
STA 1538+00.00	TO 1553+00.00	RT	581.2			456.1
STA 1553+00.00	TO 1568+00.00	LT	642.0			506.5
STA 1553+00.00	TO 1568+00.00	RT	642.0			508.2
STA 1568+00.00	TO 1583+00.00	LT	642.0			506.5
STA 1568+00.00	TO 1583+00.00	RT	630.0			476.7
STA 1583+00.00	TO 1598+00.00	LT	529.6			918.7
STA 1583+00.00	TO 1598+00.00	RT	565.7			442.4
STA 1598+00.00	TO 1613+00.00	LT	648.8			508.2
STA 1598+00.00	TO 1613+00.00	RT	642.0			508.2
STA 1613+00.00	TO 1628+00.00	LT	656.9			508.4
STA 1613+00.00	TO 1628+00.00	RT	641.8			508.1
STA 1628+00.00	TO 1643+00.00	LT	659.2			509.1
STA 1628+00.00	TO 1643+00.00	RT	640.6			507.4
STA 1643+00.00	TO 1658+00.00	LT	565.2			436.1
STA 1643+00.00	TO 1658+00.00	RT	563.1			436.9
STA 1658+00.00	TO 1665+04.46	LT	301.5			238.7
STA 1658+00.00	TO 1665+04.46	RT	301.5			238.2
STA 0+00.00	TO 8+00.00	LT	342.4			271.1
STA 0+00.00	TO 8+00.00	RT	342.4			268.1
STA 8+00.00	TO 23+00.00	LT	428.7			508.2
STA 8+00.00	TO 23+00.00	RT	642.0			508.2
STA 23+00.00	TO 38+00.00	LT	635.7			448.4
STA 23+00.00	TO 38+00.00	RT	561.4			436.8
STA 38+00.00	TO 53+00.00	LT	641.1			507.7
STA 38+00.00	TO 53+00.00	RT	642.9			508.8
STA 53+00.00	TO 68+00.00	LT	642.3			508.4
STA 53+00.00	TO 68+00.00	RT	637.4			496.4
STA 68+00.00	TO 83+00.00	LT	562.8			436.8
STA 68+00.00	TO 83+00.00	RT	571.4			446.9
STA 83+00.00	TO 98+00.00	LT	641.9			508.2
STA 83+00.00	TO 98+00.00	RT	642.0			508.2
STA 98+00.00	TO 113+00.00	LT	299.6			316.1
STA 98+00.00	TO 113+00.00	RT	642.0			503.3
STA 113+00.00	TO 128+00.00	LT				37.8
STA 113+00.00	TO 128+00.00	RT	637.8			505.6
STA 128+00.00	TO 143+00.00	LT				140.6
STA 128+00.00	TO 143+00.00	RT	84.9			132.0
STA 143+00.00	TO 158+00.00	LT				35.3
STA 143+00.00	TO 158+00.00	RT				69.3

STATION / LOCATION		SUBBASE GRANULAR MATERIAL, TYPE C (TON)	SUBBASE GRANULAR MATERIAL, TYPE B, 4" (SQ YD)	AGGREGATE BASE COURSE, TYPE A 12" (SQ YD)	AGGREGATE BASE COURSE, TYPE A 10" (SQ YD)	AGGREGATE SHOULDERS, TYPE B (TON)
TR 81						
STA 91+67.21	TO 99+36.87				2,885	51.8
STA 100+63.18	TO 104+04.87				1,463	87.0
TR 73						
STA 180+00.00	TO 199+38.99				6,385	163.9
STA 200+61.02	TO 203+88.47				1,386	83.6
TR 73 CONNECTOR						
STA 294+76.65	TO 299+87.58				2,112	26.6
CH 21						
STA 396+75.60	TO 399+39.00				1,285	66.8
STA 400+61.57	TO 404+50.00				1,719	97.8
CH 23						
STA 479+36.32	TO 499+39.00				7,699	633.6
STA 500+61.00	TO 508+52.37				3,143	224.1
BOX CULVERT CROSSING AT MASONIC DR.						
					144	0.0
TR 88						
STA 584+74.00	TO 599+39.00					184.4
STA 600+61.00	TO 604+95.01					133.1
TR 74/63 CONNECTOR						
STA 696+93.00	TO 699+39.00				1,690	92.1
STA 700+61.00	TO 703+08.59				1,670	88.9
TR 74/63 N						
STA 95+47.13	TO 105+40.83				3,209	40.2
TR 74/63 S						
STA 95+29.07	TO 108+44.94				4,288	41.1
TR 486 CONNECTOR						
STA 800+61.00	TO 801+80.50				1,140	25.1
TR 321/486						
STA 93+56.31	TO 106+05.38				4,128	33.1
TR 299						
STA 890+39.89	TO 899+39.00				3,716	40.9
STA 900+61.00	TO 907+67.03				7,268	88.7
ENTRANCE @ STA. 112+40.49						
MOT STAGE 1 (Subject to Change)						
TR 299 INTERSECTION						
				254		
MOT STAGE 2 (Subject to Change)						
TR 81 INTERSECTION						
				253		
TR 73 INTERSECTION						
				616	81	
CH 21 INTERSECTION						
				616		
CH 23 INTERSECTION						
				616		
TR 88 INTERSECTION						
				616		
TR 74/63 INTERSECTION						
				254		
TR 321/486 INTERSECTION						
				253		
TR 299 INTERSECTION						
				254		
MOT STAGE 3 (Subject to Change)						
TR 81 INTERSECTION						
				427		
TR 74/63 INTERSECTION						
				383		
TR 321/486 INTERSECTION						
				323		
FOR USE WITH TEMPORARY PAVEMENT						
IL. RTE. 29 (MOT STAGE 1)						
STA 1406+23.99	TO 1413+25.53		1,149			30.3
STA 56+16.50	TO 66+42.85		2,742			336.0
STA 136+50.00	TO 144+00.00		3,051			
STA 152+23.24	TO 154+19.78		1,539		1,016	125.8
TOTALS						
			29,676.7	8,481	4,865	56,922
						27,139.8

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REVISIONS	
NAME	DATE
REV.-1	5/25

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
AGGREGATE

SCALE: N/A
DATE: 03/06/2012

DRAWN BY: K.E.U.
CHECKED BY: J.M.M.

SCHEDULE OF QUANTITIES: IL. RTE. 29

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	84-12; 11-3	*	729	61
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT				
* SANGAMON AND CHRISTIAN				

PERMANENT SIGNING SCHEDULE

STATION / LOCATION	FACING	SIGN NUMBER (MUTCD)	SIZE	SIGN PANEL TYPE 1	SIGN PANEL TYPE 2	MESSAGE	NUMBER OF POSTS (EACH)	WOODEN SIGN SUPP ORT (FOOT)	POST LENGTH	
									TELESCOPING STEEL SIGN SUPPORT (FOOT)	METAL POST - TYPE A (FOOT)
699+22	RT	EAST	R6-1L	36" X 12"	3.0	ONE WAY				
699+22	RT	WEST	R6-1R	36" X 12"	3.0	ONE WAY				
699+22	RT	WEST	R1-1	36" X 36"	9.0	STOP	1		26.0	
699+22	RT	WEST	R6-3	24" X 18"	3.0	DIVIDED HIGHWAY CROSSING				
700+78	LT	WEST	R6-1L	36" X 12"	3.0	ONE WAY				
700+78	LT	EAST	R6-1R	36" X 12"	3.0	ONE WAY				
700+78	LT	EAST	R1-1	36" X 36"	9.0	STOP	1		26.0	
700+78	LT	EAST	R6-3	24" X 18"	3.0	DIVIDED HIGHWAY CROSSING				
TR321/486 (SANGAMON COUNTY)										
94+23	RT	EAST	W3-1	36" X 36"	9.0	STOP AHEAD	1		19.8	
99+55	RT	SE	R1-1	36" X 36"	9.0	STOP	1		20.3	
99+55	RT	SE	W4-4AP	36" X 18"	4.5	TRAFFIC FROM LEFT DOES NOT				
100+00	RT	SW	W1-7	48" X 24"	8.0	TWO DIRECTION LARGE ARROW	2		29.7	
100+90	LT	NW	R1-1	36" X 36"	9.0	STOP	1		20.3	
100+90	LT	NW	W4-4AP	36" X 18"	4.5	TRAFFIC FROM RIGHT DOES NOT				
105+90	LT	NORTH	W3-1	36" X 36"	9.0	STOP AHEAD	1		19.8	
109+50	LT	NORTH	W1-2L	36" X 36"	9.0	CURVE	1		19.8	
TR321/486 CONNECTOR (SANGAMON COUNTY)										
800+78	LT	SW	R6-1L	36" X 12"	3.0	ONE WAY				
800+78	LT	NE	R6-1R	36" X 12"	3.0	ONE WAY				
800+78	LT	NE	R1-1	36" X 36"	9.0	STOP	1		26.0	
800+78	LT	NE	R6-3	24" X 18"	3.0	DIVIDED HIGHWAY CROSSING				
TR 299 (SANGAMON COUNTY)										
890+68	LT	EAST	R1-1	36" X 36"	9.0	STOP	1		18.3	
891+50	RT	WEST	W1-2L	36" X 36"	9.0	CURVE	1		19.8	
893+50	RT	WEST	W3-1	36" X 36"	9.0	STOP AHEAD	1		19.8	
899+21	RT	NE	R6-1L	36" X 12"	3.0	ONE WAY				
899+21	RT	SW	R6-1R	36" X 12"	3.0	ONE WAY				
899+21	RT	SW	R1-1	36" X 36"	9.0	STOP	1		26.0	
899+21	RT	SW	R6-3	24" X 18"	3.0	DIVIDED HIGHWAY CROSSING				
900+80	LT	SW	R6-1L	36" X 12"	3.0	ONE WAY				
900+80	LT	NE	R6-1R	36" X 12"	3.0	ONE WAY				
900+80	LT	NE	R1-1	36" X 36"	9.0	STOP	1		26.0	
900+80	LT	NE	R6-3	24" X 18"	3.0	DIVIDED HIGHWAY CROSSING				
906+50	LT	EAST	W3-1	36" X 36"	9.0	STOP AHEAD	1		19.8	
911+50	LT	EAST	W1-2L	36" X 36"	9.0	CURVE	1		19.8	
TR 299 NORTH FRONTAGE RD. (SANGAMON COUNTY)										
100+30	LT	NW	R1-1	36" X 36"	9.0	STOP	1		18.3	
100+50	RT	SE	W14-2	36" X 36"	9.0	NO OUTLET	1		19.8	
EXISTING TR 299 (SANGAMON COUNTY)										
		WEST	W1-1R	36" X 36"	9.0	TURN	1		19.8	
		WEST	R11-1100	36" X 30"	7.5	ROAD ENDS				
		WEST	E.O.R. RED	18" X 18"	2.3	END OF ROAD	2		30.7	
		WEST	E.O.R. RED	18" X 18"	2.3	END OF ROAD				
2ND STREET (SANGAMON COUNTY)										
		SOUTH	W14-1	36" X 36"	9.0	DEAD END	1		19.8	
		SOUTH	R11-1100	36" X 30"	7.5	ROAD ENDS				
		SOUTH	E.O.R. RED	18" X 18"	2.3	END OF ROAD	2		30.7	
		SOUTH	E.O.R. RED	18" X 18"	2.3	END OF ROAD				
TOTALS				2208	240		293	78	4793	288

GEOTECHNICAL SCHEDULE

ESTIMATED QUANTITIES FOR CORRECTING UNSTABLE SUBGRADE MAY BE REDUCED, INCREASED, DELETED BY THE ENGINEER BASED ON ACTUAL FIELD CONDITIONS. NO WORK INVOLVING THESE OR ESTIMATED QUANTITIES SHALL BE PERFORMED WITHOUT THE DIRECTION AND APPROVAL OF THE ENGINEER. ESTIMATES BASED ON A TOTAL TREATMENT THICKNESS OF 2 FT.

PAY ITEM	SPECIAL PROVISION	EST. QUANTITY
ROCK FILL-EMBANKMENT	ROCKFILL SUBGRADE	5150 TONS
EARTH EXCAVATION (ROCKFILL)	ROCKFILL SUBGRADE	2670 CU YD

ESTIMATED STATION LIMITS:
 1646+00 TO 1648+00 NBL
 40+00 TO 43+00 SBL
 66+00 TO 70+00 SBL

PROCESSING LIME MODIFIED SOIL	NONE	8005 SQ YD
EARTH EXCAVATION	NONE	2670 CU YD
LIME	NONE	160 TONS

ESTIMATED STATION LIMITS:
 1646+00 TO 1648+00 NBL
 40+00 TO 43+00 NBL
 66+00 TO 70+00 SBL

*NOTE THAT REMOVING AND REPLACING UNSTABLE SUBGRADE TO FACILITATE DEEP LIME MODIFICATION ARE TWO SEPARATE OPERATIONS AND EARTH EXCAVATION WILL BE PAID FOR EACH OPERATION.

ESTIMATED QUANTITIES FOR GROUND IMPROVEMENTS TO BE MADE PRIOR TO PLACING PRE-CAST BOX CULVERTS MAY BE REDUCED, INCREASED, OR DELETED BY THE ENGINEER BASED ON ACTUAL FIELD CONDITIONS. THE ENGINEER WILL DETERMINE THE NEED FOR GROUND IMPROVEMENT AFTER EXCAVATION TO THE THEORETICAL BOTTOM OF BEDDING ELEVATION. ESTIMATES ARE BASED ON A

PAY ITEM	SPECIAL PROVISION	EST. QUANTITY
ROCKFILL - FOUNDATION	ROCKFILL-FOUNDATION	1015 TONS

LOCATION:
 1479+04.7
 1525+66.91
 1656+15*

* AT THIS LOCATION, ESTIMATES ARE BASED ON A TREATMENT THICKNESS OF 18 INCHES.

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REVISIONS	
NAME	DATE
REV-1	5/25

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
 PERMANENT SIGNING
 GEOTECH

SCALE: N/A
 DATE: 03/06/2012

DRAWN BY: K.E.U.
 CHECKED BY: J.M.M.