

**GENERAL NOTES**

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL HOT-MIX ASPHALT	-----2.016 TONS/CU. YD.
ALL AGGREGATE	-----2.05 TONS/CU. YD.
BITUMINOUS MATERIALS:	
ON PAVEMENT	-----0.05 LB./SQ. FT.
INTERMEDIATE LIFTS (FOG COAT)	-----0.025 LB./SQ. FT.
ON AGGREGATE SURFACE	-----0.25 LB./ SQ. FT.
STONE RIP RAP:	
RIPRAP	-----1.50 TONS/CU.YD.
PROCESSING LIME MODIFIED SOILS:	
LIME	-----6% OF WEIGHT OF EARTH
EARTH	-----110 LBS./CU. FT.
WATER	-----500 GALS./TONS OF LIME (1000 GALS./UNIT)

PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING STRUCTURES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE A CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE OF THE WORK. THE CONTRACTOR, HOWEVER, WILL BE PAID FOR THE ACTUAL QUANTITY FURNISHED AT THE UNIT PRICE BID FOR THE WORK. EXISTING PLANS ARE AVAILABLE FOR REVIEW AT THE DISTRICT 9 OFFICE.

ALL OBSTRUCTIONS WHICH ARE WITHIN THE CLEAR ZONE SHOWN ON THE TYPICAL SECTION, AND ARE NOT SHIELDED BY THE PROPOSED GUARDRAIL, SHALL BE REMOVED. TYPICAL OBSTRUCTIONS ARE HEADWALLS, FOUNDATIONS, ETC. WHICH PROJECT 4 IN. OR MORE ABOVE THE GROUNDLINE; AND TREES WHICH WILL MATURE TO A DIAMETER OF 4 IN. OR GREATER.

IF SO DIRECTED BY THE ENGINEER, DITCHES ADJACENT TO EMBANKMENTS SHALL BE CONSTRUCTED PRIOR TO STARTING THE CONSTRUCTION OF THE EMBANKMENT FILL.

THE ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT AND SHOULDER SLOPES SHALL NOT EXCEED 8%. THE SHOULDER ON THE OUTSIDE OF SUPERELEVATED CURVES SHALL BE FLATTENED ACCORDINGLY.

TREES SHALL BE PRESERVED THROUGHOUT THIS SECTION AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. GENERALLY, TREES OUTSIDE THE CLEAR ZONE, AND WHICH DO NOT INTERFERE WITH CONSTRUCTION, SHALL NOT BE DISTURBED.

TRIM EDGES OF EXISTING HOT-MIX ASPHALT SURFACE FLUSH WITH EXISTING PAVEMENT PRIOR TO CONSTRUCTING NEW PAVEMENT.

THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION FOR THE SURFACE COURSE FOR THE RESURFACING AREAS.

FORMS FOR CONCRETE GUTTER, CONCRETE CURB, AND COMBINATION CONCRETE CURB AND GUTTER SHALL BE OF METAL ONLY, EXCEPT THAT WOOD FORMS MAY BE USED ON SHORT RADIUS CURVES.

ATTAINMENT OF PROPER CROWN OR SUPERELEVATION SHALL BE FULLY ACCOMPLISHED WITH THE HOT-MIX ASPHALT SURFACE REMOVAL.

AGGREGATE FOR TEMPORARY ACCESS SHALL BE USED AS DIRECTED BY THE ENGINEER FOR MAINTENANCE PURPOSES. THE GRADATION SHALL BE CA-6 OR CA-10 AS DIRECTED BY THE ENGINEER. A QUANTITY OF 1,000 TONS HAS BEEN ESTIMATED FOR THIS WORK.

TRENCH BACKFILL REQUIRED FOR STORM SEWER, SANITARY SEWER, OR WATER MAINS SHALL ONLY BE PLACED UP TO ONE FOOT BELOW THE FINAL GRADE IN AREAS HAVING A PROPOSED GRASS OR SOD SURFACE.

AT ALL LOCATIONS WHERE THE PROPOSED HOT MIX ASPHALT OR CONCRETE PAVEMENT JOINS AN EXISTING HOT-MIX ASPHALT OR CONCRETE PAVEMENT, A FULL DEPTH SAWED JOINT SHALL BE CONSTRUCTED. THE COST OF THIS JOINT WILL BE INCLUDED IN THE COST OF THE TYPE OF PAVEMENT BEING CONSTRUCTED.

THE CONTRACTOR SHALL STAMP STATIONING IN THE HOT-MIX ASPHALT SURFACE AT 100 m (300 FT.) INTERVALS ON BOTH OUTSIDE EDGES OF PAVEMENT AND AS DIRECTED BY THE ENGINEER. THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE 140 mm (5 1/2 IN.) TALL OF A DESIGN APPROVED BY THE ENGINEER, AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR. ALL EQUATION STATIONS SHALL ALSO BE STAMPED AT THEIR PROPER LOCATION, INCLUDING THE TEMPORARY PERMANENT ALIGNMENT AT THE NORTH TIE-IN.

THE REMOVAL OF EXISTING ENTRANCE PIPE CULVERTS ENCASED IN CONCRETE WILL BE CONSIDERED INCLUDED IN THE OTHER ITEMS OF CONSTRUCTION IF ONLY THE ENDS OF THE CULVERT (0.6 m (2 FT.) OR LESS) ARE ENCASED. IF MORE THAN 0.6 m (2 FT.) AT THE ENDS OF THE CULVERT ARE ENCASED IN CONCRETE, THE REMOVAL WILL BE PAID FOR ACCORDING TO ARTICLE 109.04.

ALL CULVERT EXTENSIONS SHALL BE CONSTRUCTED IN ACCORDANCE WITH METHOD II AS SPECIFIED IN ARTICLE 942.05 OF THE STANDARD SPECIFICATIONS. PRIOR TO EXTENDING ANY CULVERT, THE ENTIRE LENGTH OF THE EXISTING CULVERT SHALL BE CLEANED OF ALL EARTH AND DEBRIS BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER. THE COST OF THIS WORK SHALL BE PAID ACCORDING TO ARTICLE 109.04

BITUMINOUS RESURFACING SHALL BE PLACED IN A SEQUENCE THAT WILL MINIMIZE THE TIME THE CENTERLINE EDGE IS EXPOSED TO TRAFFIC. WHEN AT THE END OF A DAY'S OPERATION THE EXPOSED CENTERLINE EDGE IS GREATER THAN 600 METERS (2,000 FT.), THE CONTRACTOR SHALL BE REQUIRED TO PAVE IN THE ADJACENT LANE ON THE FOLLOWING WORK DAY. PRIOR TO WINTER SHUTDOWN, RESURFACING ON ADJACENT LANES IS TO BE BROUGHT UP TO THE SAME ELEVATION.

PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS THE RESIDENT ENGINEER SHALL CONTACT THE BUREAU OF OPERATIONS AND ARRANGE FOR INSPECTION AND APPROVAL OF THE PAVEMENT MARKING LAYOUT.

CONNECTING OF NEW OR EXISTING STORM SEWER TO NEW OR EXISTING INLETS OR MANHOLES SHALL BE MADE IN A MANNER WHICH RESULTS IN A NEAT AND WATERTIGHT JOINT. WHEN PLACED THROUGH THE WALL OF AN INLET OR MANHOLE, STORM SEWER PIPE SHALL BE PLACED OR CUT FLUSH WITH THE FACE OF THE WALL AND DRESSED WITH MORTAR TO PROVIDE A SMOOTH ROUNDED OR BEVELED EDGE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES OF THE STORM SEWERS OR STRUCTURES INVOLVED.

IN ADDITION TO THE REQUIREMENTS OF ARTICLE 107.16 THE CONTRACTOR SHALL PROTECT THE SURFACE OF ALL BRIDGE DECKS AND BRIDGE APPROACH PAVEMENTS IN A MANNER SATISFACTORY TO THE ENGINEER BEFORE ANY EQUIPMENT IS ALLOWED TO CROSS THE STRUCTURE. PROTECTION SHALL BE PROVIDED FOR ALL EQUIPMENT AS DEFINED IN ARTICLE 101.16 REGARDLESS IF TRACK MOUNTED OR WHEELED.

RECLAIMED ASPHALT PAVEMENT (RAP) WILL NOT BE ALLOWED FOR USE AS AGGREGATE IN AGGREGATE SHOULDERS, TYPE B.

ADDITIONAL WIDTH OF GUTTER FLAG, AT LOCATIONS INDICATED ON THE PLANS, WILL BE POURED MONOLITHICALLY WITH THE NORMAL GUTTER FLAG AND WILL NOT BE MEASURED NOR PAID FOR SEPARATELY.

ALL BUILDINGS AND BUILDING DEBRIS, WHETHER SHOWN ON THE PLANS OR NOT, WITHIN THE LIMITS OF THE RIGHT OF WAY WILL BE REMOVED AND DISPOSED OF ACCORDING TO SECTION 201.

EXISTING DRIVEWAYS WILL BE SAWCUT TO OBTAIN A NEAT EDGE FOR REMOVAL AND REPLACEMENT. THE COST OF THE SAWCUT IS INCLUDED IN THE COST OF THE DRIVEWAY PAVEMENT REMOVAL.

QUANTITIES SHOWN IN THE PLANS FOR BRIDGE DECK GROOVING AND PROTECTIVE COAT INCLUDE THE BRIDGES AND THE BRIDGE APPROACH PAVEMENTS (SPECIAL)

TRAFFIC CONTROL DEVICES SHOULD REMAIN IN A PAVED LANE TO THE GREATEST EXTENT POSSIBLE. IF ANY STAGED LANES LESS THAN 12 FT WIDE ARE NEEDED, THEY ARE TO BE LIMITED AS DIRECTED BY THE ENGINEER.

ALL RIGHT OF WAY MARKERS SHALL BE CONSTRUCTED USING METHOD A OF HIGHWAY STANDARD 666001.

REMOVAL OF ABANDON UTILITIES SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

**STANDARDS**

000001-06	524011	630201-06	701106-02	720006-04
001001-02	542301-03	630301-06	701201-04	720011-01
001006	542401-01	631011-09	701301-04	720021-02
202001-01	601001-04	631031-12	701306-03	729001-01
280001-07	601101-01	635001-01	701311-03	780001-04
406201-01	602301-04	635006-03	701316-08	781001-03
420001-07	602401-03	635011-02	701326-04	BLR 21-9
420101-04	602701-02	642001-02	701501-06	BLR 27-1
420401-10	604001-03	666001-01	701502-06	
424001-07	604036-02	667101-02	701602-07	
424026-01	606001-05	701001-02	701701-09	
442201-03	606301-04	701006-05	701901-03	
482001-02	606401-01	701011-04	704001-07	
482011-03	609006-05	701101-04	720001-01	
515001-03	630001-10			

Location(s):	Hot-Mix Asphalt Surface Course
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix D, N90
AC/PG:	PG64-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0%, 90 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5 mm
Friction Aggregate:	D Surface

Location(s):	Hot-Mix Asphalt Binder Course
Mixture Use(s):	Hot-Mix Asphalt Binder Course, N90, IL-19.0
AC/PG:	PG64-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0%, 90 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-19.0 mm
Friction Aggregate:	None

Location(s):	Hot-Mix Asphalt Shoulders
Mixture Use(s):	Hot-Mix Asphalt Shoulders, N30
AC/PG:	PG58-22
ABR % (Max):	50
Design Air Voids:	2.0%, 30 Gyration Design
Mixture Composition: (Gradation Mixture)	HMA Shoulder
Friction Aggregate:	None

Location(s):	Hot-Mix Asphalt Surface Course (Sideroads)
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix C, N90
AC/PG:	PG64-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0%, 90 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5 mm
Friction Aggregate:	C Surface

REVISD 7-22-14

FILE NAME:	USER NAME: # bomey	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES, STANDARDS, MIXTURE REQUIREMENTS, &amp; COMMITMENTS U.S. 45</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PAProject\2011 Projects\11217 - 100T US	PHZ\EV\CD00 Sheets\0978077-shr-general.dwg	DRAWN -	REVISED -			332	(29.301R-1)	SALINE	745	4
PLOT SCALE = 1/8"=1'-0"	CHECKED -	REVISED -				CONTRACT NO. 78077				
PLOT DATE = 7/18/2014	DATE -	REVISED -				SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				RURAL		RURAL	
				SALINE 80% FED. 20% STATE	SALINE 80% FED. 20% STATE	SALINE 80% FED. 20% STATE	SALINE 80% FED. 20% STATE
				ROADWAY 0003 URBAN	ROADWAY 0003 RURAL	BRIDGE 0014 S.N. 083-6008	BOX CULVERT 0040 S.N. 083-2023
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	21,008	19,838	1,170		
X5121800	PERMANENT STEEL SHEET PILING	SQ FT	567				567
X5860110	GRANULAR BACKFILL FOR STRUCTURES	CU YD	11			11	
X6024240	INLETS, SPECIAL	EACH	63	63			
Z0000100	ABANDON EXISTING CULVERT	EACH	1		1		
Z0004552	APPROACH SLAB REMOVAL	SQ YD	164			164	
<del>Z0007601</del>	<del>BUILDING REMOVAL NO. 1</del>	<del>L SUM</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>1</del>	<del>1</del>
Z0007602	BUILDING REMOVAL NO. 2	L SUM	1		1		
Z0007603	BUILDING REMOVAL NO. 3	L SUM	1		1		
Z0007604	BUILDING REMOVAL NO. 4	L SUM	1		1		
Z0007605	BUILDING REMOVAL NO. 5	L SUM	1		1		
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.5	0.5		
Z0029604	HEADWALL REMOVAL	EACH	2	2			
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	77			77	
φ Z0076600	TRAINEES	Hour	2000	1000	1000		
* Z0054517	ROCK FILL - FOUNDATION	TON	687				687
φ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	Hour	2000	1000	1000		
Z0073002	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	935	542			393

\* SPECIALTY ITEM φ 0042

△ REVISED 7-22-14

ALTERNATE BID SUMMARY OF QUANTITIES

M001L,01,0003,A M001C,01,0003,A M001L,01,0003,B M001C,01,0003,B

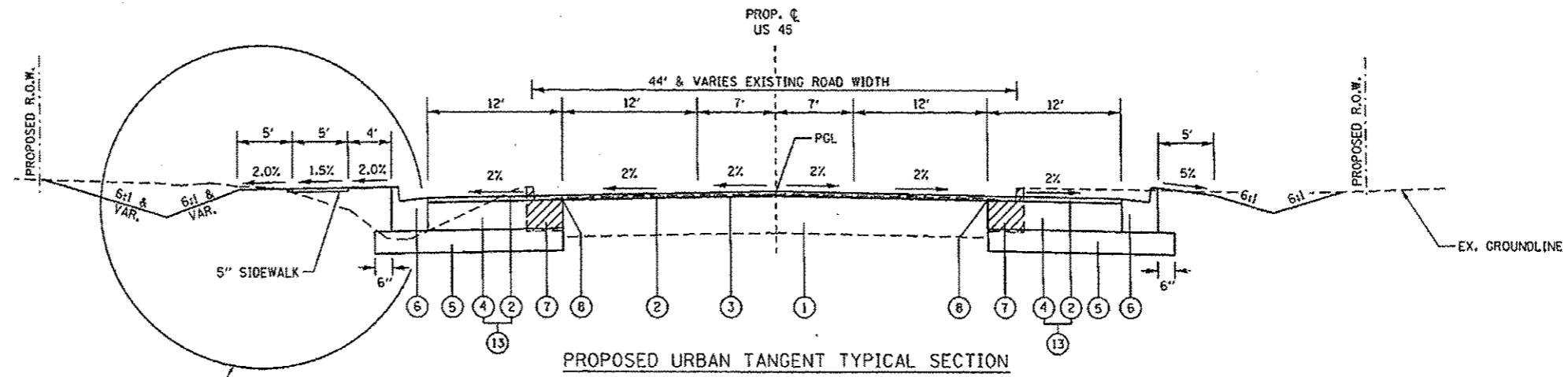
CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	ALT A TOTAL QUANTITY	CONSTRUCTION CODE				
				SALINE 80% FED. 20% STATE ROADWAY 0003	SALINE 80% FED. 20% STATE ROADWAY 0003	ALT B TOTAL QUANTITY	SALINE 80% FED. 20% STATE ROADWAY 0003	SALINE 80% FED. 20% STATE ROADWAY 0003
				ALTERNATE A URBAN	ALTERNATE A RURAL	ALTERNATE B URBAN	ALTERNATE B RURAL	
20400100	BORROW EXCAVATION	CU YD	83,430	3,410	80,020	118,635	3,410	115,225
31101900	SUBBASE GRANULAR MATERIAL, TYPE C	TON	18,996	687	18,309	785	687	98
<b>31200500</b>	<b>STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"</b>	<b>SQ YD</b>				<b>167,482</b>		<b>167,482</b>
<del>40300100</del>	<del>BITUMINOUS MATERIALS (PRIME COAT)</del>	<del>GALLON</del>	<del>82,728</del>	<del>9,557</del>	<del>73,171</del>	<del>13,407</del>	<del>9,557</del>	<del>3,850</del>
40603345	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	2,635	2,487	148	2,487	2,487	
40701906	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 11 1/4"	SQ YD	166,480	19,491	146,989	19,491	19,491	
42000401	PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	SQ YD	0			150,098		150,098
42101300	PROTECTIVE COAT	SQ YD	0			225,398		225,398
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	83,840	3,425	80,415	4,625	3,425	1,200
48300400	PORTLAND CEMENT CONCRETE SHOULDERS 9"	SQ YD	0			78,225		78,225
<b>X4060110</b>	<b>BITUMINOUS MATERIALS (PRIME COAT)</b>	<b>POUND</b>	<b>486,939</b>	<b>41,495</b>	<b>445,444</b>	<b>97,200</b>	<b>41,495</b>	<b>55,705</b>
<del>* X7830068</del>	<del>GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS AND SYMBOLS</del>	<del>SQ FT</del>	<del>0</del>			<del>728</del>		<del>728</del>
* X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	0			12,798		12,798
<del>* X7830078</del>	<del>GROOVING FOR RECESSED PAVEMENT MARKING 13"</del>	<del>FOOT</del>	<del>0</del>			<del>348</del>		<del>348</del>
Z0034105	MATERIAL TRANSFER DEVICE	TON	51,580	8,217	43,363	8,217	8,217	

\* SPECIALTY ITEM

△ REVISED 7-22-14

FILE NAME: P:\Projects\2011 Projects\11297 - IDOT US 51\2\CV\CADD Sheets\0978077-sht-500.dgn	USER NAME: bemory	DESIGNED: -	REVISED: -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES ALTERNATE BID</b>			F.A.P. RTE. 332	SECTION (29,30)R-1	COUNTY SALINE	TOTAL SHEETS 745	SHEET NO. 23
PLOT SCALE: 1/80.00 "/> <td>CHECKED: -</td> <td>REVISED: -</td> <td>SCALE: N.T.S.</td> <td>SHEET NO. 18 OF</td> <td>SHEETS</td> <td>STA. TO STA.</td> <td colspan="5" style="text-align: center;">ILLINOIS FED. AID PROJECT CONTRACT NO. 78077</td>	CHECKED: -	REVISED: -	SCALE: N.T.S.		SHEET NO. 18 OF	SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 78077				
PLOT DATE: 1/28/2014	DATE: -	REVISED: -										



PROPOSED URBAN TANGENT TYPICAL SECTION

TO BE USED: STA. 392+75.00 TO 411+87.84

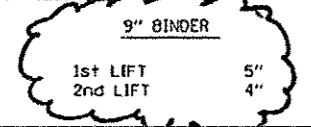
NOTES: EXISTING CURB & GUTTER STA. 392+75.00 TO STA. 406+29.38 ONLY  
SEE CROSS SECTIONS FOR DITCH LOCATIONS AND ELEVATIONS

EXISTING ROAD WIDTH VARIES FROM 62 FT (STA. 392+75.00) TO 44 FT (STA. 395+39.05)  
EXISTING ROAD WIDTH VARIES FROM 44 FT (STA. 406+87.02) TO 25 FT (STA. 411+88.47)

PAVEMENT STRUCTURE DESIGN

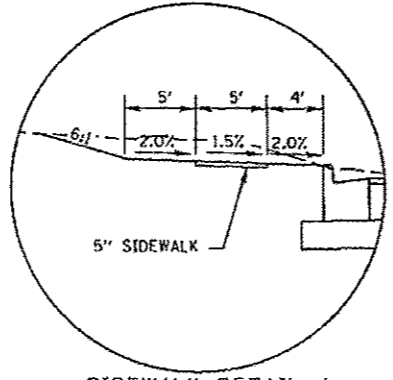
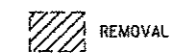
STRUCTURAL DESIGN TRAFFIC:	YEAR 2024
PV = 9470	SU = 595 MU = 235
ROAD/STREET CLASSIFICATION:	CLASS 1
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = 32%	S = 45% M = 45%
TRAFFIC FACTOR:	ACTUAL TF = 1.74 MINIMAL TF = 3.56
PG GRADE:	BINDER = 64-22 SURFACE = 64-22

NOMINAL THICKNESS FOR EACH LIFT OF BINDER SHALL BE AS FOLLOWS:



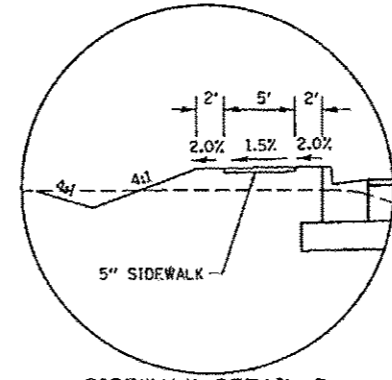
LEGEND

- ① EXISTING HOT-MIX ASPHALT RESURFACED PCC PAVEMENT, 14"
- ② HOT-MIX ASPHALT SURFACE COURSE, MIX D, N90, 2 1/4"
- ③ HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- ④ HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0, 9"
- ⑤ PROCESSING LIME MODIFIED SOILS (12" MIN.) (SEE GEOTECHNICAL REPORT FOR DEPTH OF PROPOSED LIME MODIFICATION)
- ⑥ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑦ COMBINATION CONCRETE CURB & GUTTER REMOVAL
- ⑧ STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑬ HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 11.25"



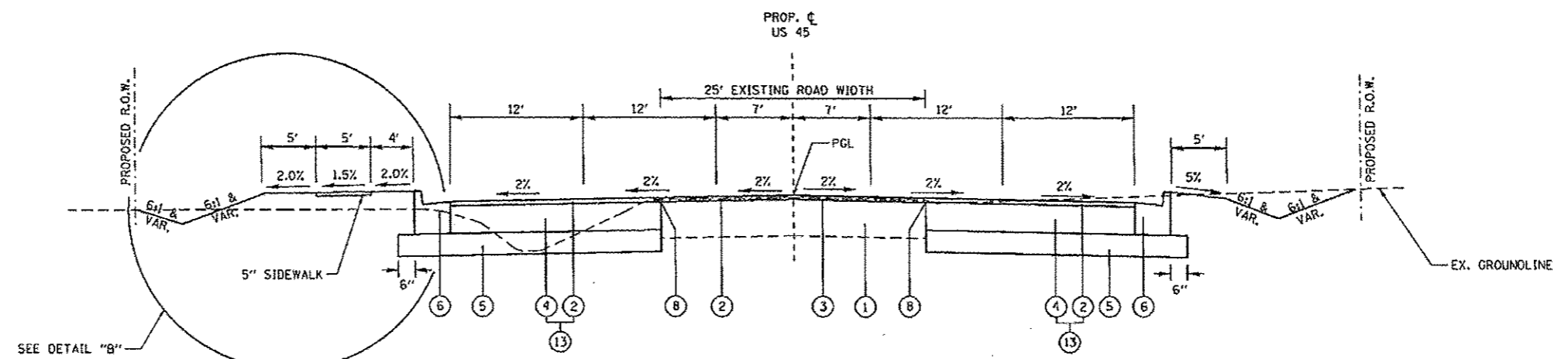
SIDEWALK DETAIL A

TO BE USED  
STA. 391+80.00 TO 405+59.30 LT



SIDEWALK DETAIL B

TO BE USED  
STA. 411+75.00 TO 413+50.00 LT  
(TRANSITION FROM STA. 411+50.00 TO 411+75.00 LT)



PROPOSED URBAN TANGENT TYPICAL SECTION

TO BE USED: STA. 411+87.84 TO 422+32.59  
SEE CROSS SECTIONS FOR DITCH LOCATIONS AND ELEVATIONS

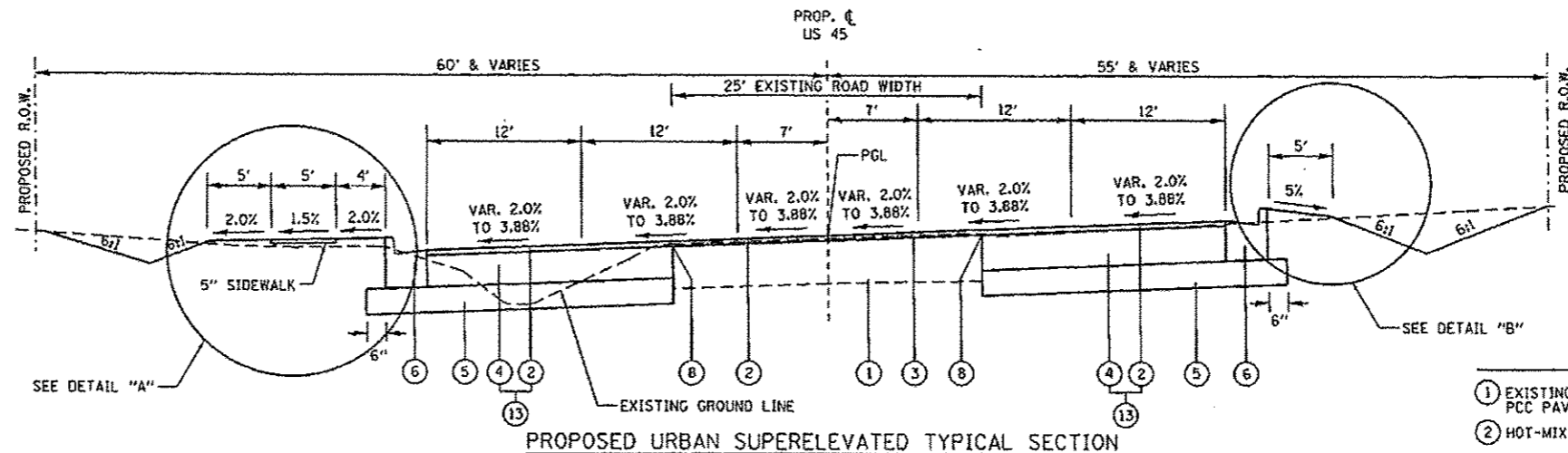
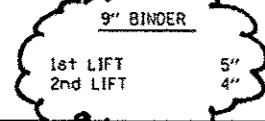
REVIS 7-22-14

FILE NAME:	USER NAME: beman	DESIGNED:	REVISED:	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS U.S. 45</b>	F.A.P. RTE.:	SECTION:	COUNTY:	TOTAL SHEETS:	SHEET NO.:
PROJECT: P:\Projects\2011\Projects\11297 - IODT US 45	DATE: 7/21/2014	DRAWN:	REVISED:			332	(29.301R-1)	SALINE	745	24
PLOT SCALE: 1/8" = 1'-0"	DATE: 7/21/2014	CHECKED:	REVISED:			CONTRACT NO. 78077				
PLOT DATE: 7/21/2014	DATE:	REVISIONS:	REVISED:			ILLINOIS FED. AID PROJECT				

PAVEMENT STRUCTURE DESIGN

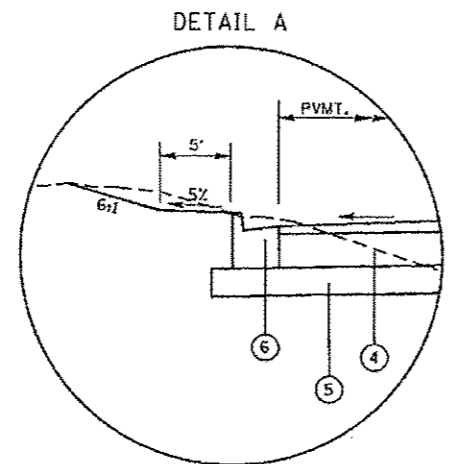
STRUCTURAL DESIGN TRAFFIC: YEAR 2024  
 PV = 9470 SU = 595 MU = 235  
 ROAD/STREET CLASSIFICATION: CLASS 1  
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:  
 P = 32% S = 45% M = 45%  
 TRAFFIC FACTOR: ACTUAL TF = 1.74  
 MINIMAL TF = 3.56  
 PG GRADE: BINDER = 64-22 SURFACE = 64-22

NOMINAL THICKNESS FOR EACH LIFT OF BINDER SHALL BE AS FOLLOWS:

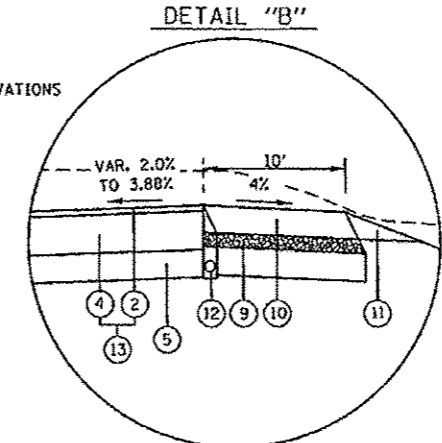


PROPOSED URBAN SUPERELEVATED TYPICAL SECTION

TO BE USED: STA. 422+32.59 TO 434+60.86  
 NOTE: FOR SUPERELEVATION TRANSITION  
 SEE SUPERELEVATION SCHEDULE  
 SEE CROSS SECTIONS FOR DITCH LOCATION AND ELEVATIONS

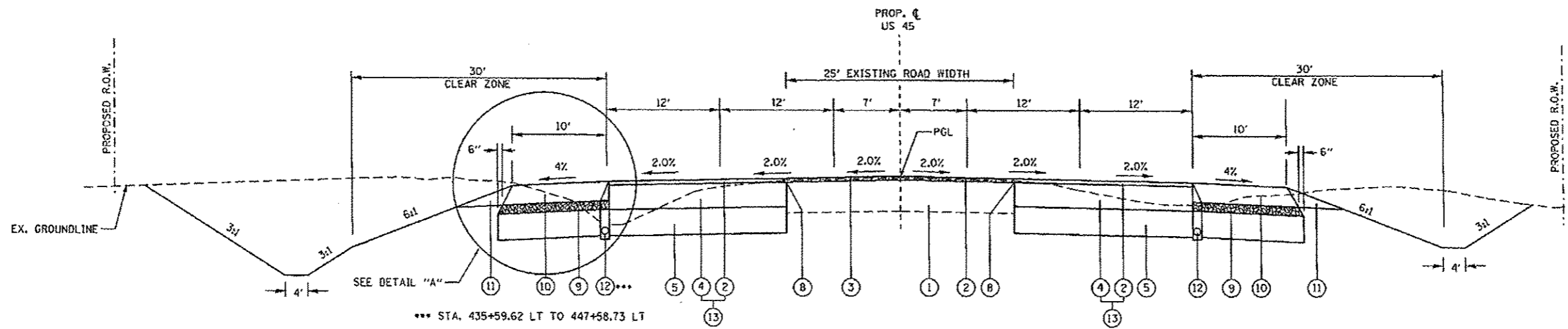


DETAIL A  
 TO BE USED: STA. 433+34.74 TO 435+59.62 LT  
 (GUTTER OUTLET STA. 435+59+62 TO STA. 435+74.62 LT)



DETAIL "B"  
 TO BE USED: STA. 433+24.18 RT. TO 434+60.86 RT.

- LEGEND
- 1 EXISTING HOT-MIX ASPHALT RESURFACED PCC PAVEMENT, 14"
  - 2 HOT-MIX ASPHALT SURFACE COURSE, MIX D, N90, 2 1/4"
  - 3 HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
  - 4 HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0, 9"
  - 5 PROCESSING LIME MODIFIED SOILS (12" MIN.) (SEE GEOTECHNICAL REPORT FOR DEPTH OF PROPOSED LIME MODIFICATION)
  - 6 COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
  - 8 STRIP REFLECTIVE CRACK CONTROL TREATMENT
  - 9 SUB-BASE GRANULAR MATERIAL TYPE "C"
  - 10 HOT-MIX ASPHALT SHOULDERS, 8"
  - 11 AGGREGATE SHOULDERS, TYPE B
  - 12 PIPE UNDERDRAINS, 4" (HWY STD. 601001)
  - 13 HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 11.25"
- REMOVAL

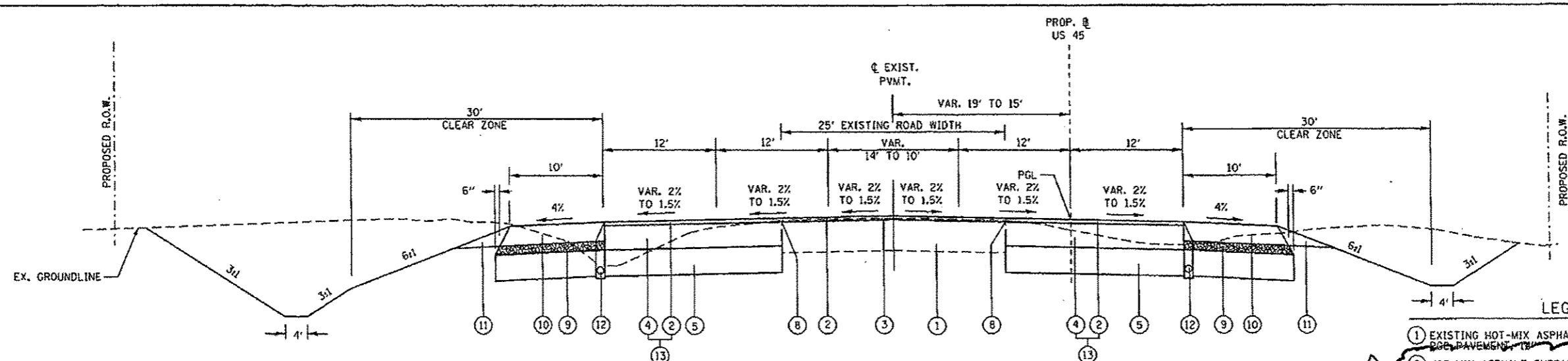


PROPOSED URBAN TRANSITION TYPICAL SECTION

TO BE USED: STA. 434+60.86 TO 447+58.73  
 SEE CROSS SECTIONS FOR DITCH LOCATIONS AND ELEVATIONS

REVISD 7-22-14

FILE NAME *	USER NAME * banyu	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS U.S. 45</b>			F.A.P. RTE. 332	SECTION (29,301R-1)	COUNTY SALINE	TOTAL SHEETS 145	SHEET NO. 25
PROJECT NO. 1001 US 45 PH2/CV/CADD	Sheets/D978877-sh-typical.dwg	DRAWN -	REVISED -		SCALE: N.T.S.	SHEET NO. 2 OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 78077	
PLOT SCALE * 1/8"=1'-0"		CHECKED -	REVISED -									
PLOT DATE * 7/21/2014		DATE -	REVISED -									



**PAVEMENT STRUCTURE DESIGN**

STRUCTURAL DESIGN TRAFFIC:	YEAR 2024
PV = 9470	SU = 595 MU = 235
ROAD/STREET CLASSIFICATION:	CLASS 1
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = 32%	S = 45% M = 45%
TRAFFIC FACTOR:	ACTUAL TF = 1.74
	MINIMAL TF = 3.56
PG GRADE:	BINDER = 64-22 SURFACE = 64-22

NOMINAL THICKNESS FOR EACH LIFT OF BINDER SHALL BE AS FOLLOWS:

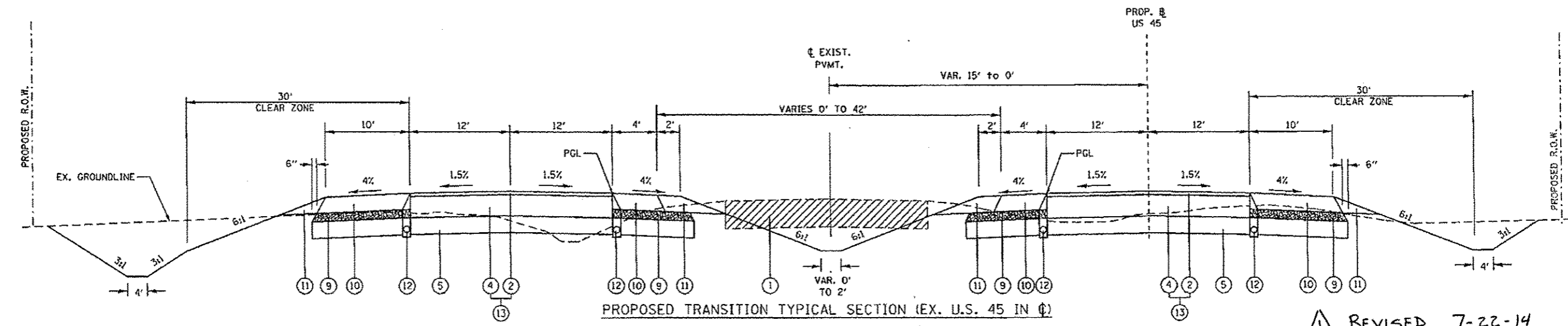
9 1/4" BINDER	
1st LIFT	5"
2nd LIFT	4 1/4"

**PROPOSED TRANSITION TYPICAL SECTION**

TO BE USED: STA. 447+58.73 TO 449+88.13  
SEE CROSS SECTIONS FOR DITCH LOCATIONS AND ELEVATIONS

NOTE: ALT A & ALT B OPTION BEGINS AT STATION 449+88.13 AND CONTINUES TO THE END OF THE PROJECT.

- LEGEND**
- ① EXISTING HOT-MIX ASPHALT RESURFACED PGE PAVEMENT, 12"
  - ② HOT-MIX ASPHALT SURFACE COURSE, MIX D, N90, 2"
  - ③ HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
  - ④ HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0, 9 1/4"
  - ⑤ PROCESSING LIME MODIFIED SOILS (12" MIN.) (SEE GEOTECHNICAL REPORT FOR DEPTH OF PROPOSED LIME MODIFICATION)
  - ⑥ COMBINATION CONCRETE CURB & CUTTER, TYPE B-6.24
  - ⑧ STRIP REFLECTIVE CRACK CONTROL TREATMENT
  - ⑨ SUB-BASE GRANULAR MATERIAL TYPE "C" (TO BE OMITTED IF ALT B IS USED)
  - ⑩ ALT A: HOT-MIX ASPHALT SHOULDERS, 8" OR ALT B: PORTLAND CEMENT CONCRETE SHOULDERS, 9"
  - ⑪ AGGREGATE SHOULDERS, TYPE B
  - ⑫ PIPE UNDERDRAINS, 4" (HWY STD. 601001)
  - ⑬ ALT A: HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 11.25" OR ALT B: PORTLAND CEMENT CONCRETE PAVEMENT, 9" (JOINTED) & STAB. SUBBASE 4"
- REMOVAL



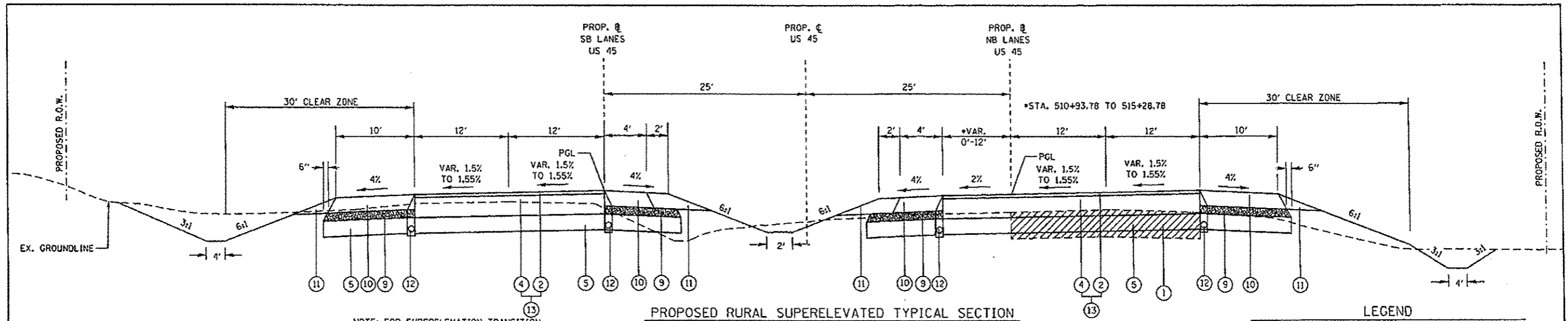
**PROPOSED TRANSITION TYPICAL SECTION (EX. U.S. 45 IN @)**

TO BE USED: STA. 449+88.13 TO 458+45.08

REVIS 7-22-14

FILE NAME	USER NAME	DESIGNED	REVISED	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS U.S. 45</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PAProjects\2811 Projects\11297 - 1007 US	Ph2XCV\CAD Sheets\0978077\sh-typoe1.dwg	DRAWN	REVISED				332	129,30R-1	SALINE	745	26	
	PLOT SCALE = 1/8" = 1' - 0"	CHECKED	REVISED		SCALE: N.T.S.		SHEET NO. 3 OF SHEETS		STA. TO STA.		CONTRACT NO. 78077	
	PLOT DATE = 7/23/2014	DATE	REVISED		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT					





NOTE: FOR SUPERELEVATION TRANSITION SEE SUPERELEVATION SCHEDULE

PROPOSED RURAL SUPERELEVATED TYPICAL SECTION

LEGEND

- ① EXISTING HOT-MIX ASPHALT RESURFACED PCC PAVEMENT, 14"
- ② HOT-MIX ASPHALT SURFACE COURSE, MIX D, N9D, 2"
- ④ HOT-MIX ASPHALT BINDER COURSE, N9D, 1L-19.0, 9/4"
- ⑤ PROCESSING LIME MODIFIED SOILS (12" MIN.) (SEE GEOTECHNICAL REPORT FOR DEPTH OF PROPOSED LIME MODIFICATION)
- ⑨ SUB-BASE GRANULAR MATERIAL TYPE "C" (TO BE OMITTED IF ALT B IS USED)
- ⑩ ALT A: HOT-MIX ASPHALT SHOULDERS, 8" OR ALT B: PORTLAND CEMENT CONCRETE SHOULDERS, 9"
- ⑪ AGGREGATE SHOULDERS, TYPE B
- ⑫ PIPE UNDERDRAINS, 4" (HWY STD. 60100)
- ⑬ ALT A: HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 11.25" OR ALT B: PORTLAND CEMENT CONCRETE PAVEMENT, 9" (JOINTED) & STAB. SUBBASE 4"
- REMOVAL

PAVEMENT STRUCTURE DESIGN

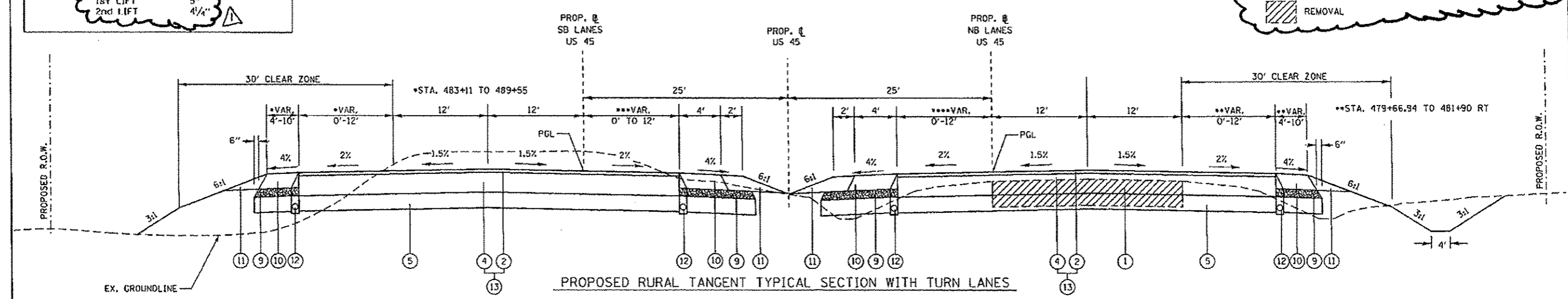
STRUCTURAL DESIGN TRAFFIC:	YEAR 2024
PV = 9470	SU = 595 MU = 235
ROAD/STREET CLASSIFICATION:	CLASS 1
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = 32%	S = 45% M = 45%
TRAFFIC FACTOR:	ACTUAL TF = 1.74 MINIMAL TF = 3.56
PG GRADE:	BINDER = 64-22 SURFACE = 64-22

NOMINAL THICKNESS FOR EACH LIFT OF BINDER SHALL BE AS FOLLOWS:

9/4" BINDER

1st LIFT 5"

2nd LIFT 4 1/4"



\*\*\* STA. 483+40 TO 489+55 LT  
 STA. 517+42 TO 521+77 LT  
 STA. 577+92 TO 582+27 LT  
 STA. 607+30 TO 611+65 LT

\*\*\*\* STA. 479+66.94 TO 481+60 RT  
 STA. 571+77 TO 576+12 RT  
 STA. 601+15 TO 605+50 RT

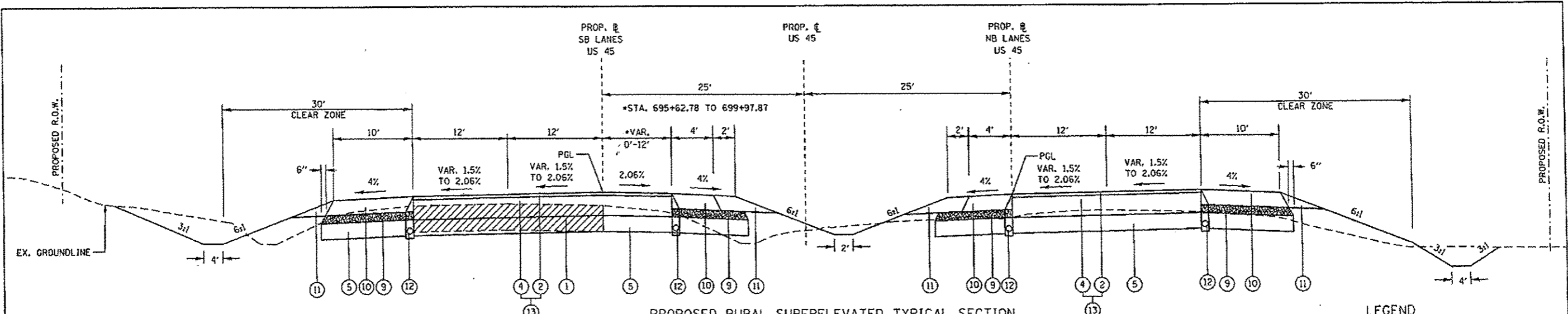
SEE CROSS SECTIONS FOR DITCH LOCATIONS AND ELEVATIONS

REVISD 7-22-14

FILE NAME	USER NAME = benny	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS U.S. 45			F.A.P. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PROJECT NO. 2811	PROJECT NAME 11217 - 1801 US 45	DRAWN -	REVISED -		SCALE: N.T.S.	SHEET NO. 5 OF	SHEETS	STA.	TO STA.	SALINE	745	28
PLT SCALE = 1/8" = 1'	PLT DATE = 7/21/2014	CHECKED -	REVISED -		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			CONTRACT NO. 78077			
		DATE -	REVISED -									







PROPOSED RURAL SUPERELEVATED TYPICAL SECTION

TO BE USED: STA. 693+82.59 TO 700+00

NOTE: FOR SUPERELEVATION TRANSITION SEE SUPERELEVATION DETAIL SHEET NO. ....

PAVEMENT STRUCTURE DESIGN

STRUCTURAL DESIGN TRAFFIC:	YEAR 2024		
PV = 9470	SU = 595	MU = 235	
ROAD/STREET CLASSIFICATION:	CLASS 1		
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	P = 32%	S = 45%	M = 45%
TRAFFIC FACTOR:	ACTUAL TF = 1.74	MINIMAL TF = 3.56	
PG GRADE:	BINDER = .64-22	SURFACE = .64-22	

NOMINAL THICKNESS FOR EACH LIFT OF BINDER SHALL BE AS FOLLOWS:

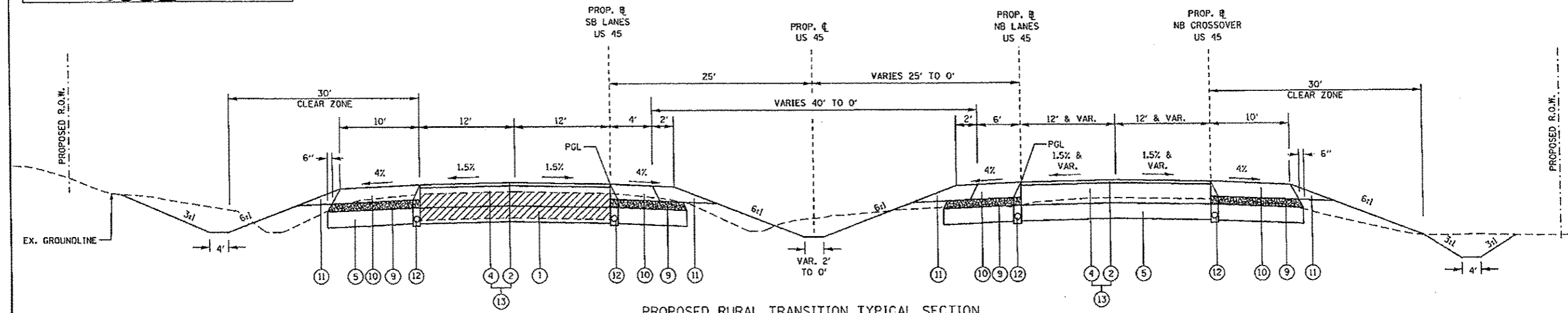
9 1/4" BINDER

1st LIFT 5"

2nd LIFT 4 1/4"

LEGEND

- 1 EXISTING HOT-MIX ASPHALT RESURFACED PCC PAVEMENT, 14"
  - 2 HOT-MIX ASPHALT SURFACE COURSE, MIX D, N90, 2"
  - 4 HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0, 9/4"
  - 5 PROCESSING LIME MODIFIED SOILS (12" MIN.) (SEE GEOTECHNICAL REPORT FOR DEPTH OF PROPOSED LIME MODIFICATION)
  - 9 SUB-BASE GRANULAR MATERIAL TYPE "C" (TO BE OMITTED IF ALT B IS USED)
  - 10 ALT A: HOT-MIX ASPHALT SHOULDERS, 8" OR ALT B: PORTLAND CEMENT CONCRETE SHOULDERS, 9"
  - 11 AGGREGATE SHOULDERS, TYPE B
  - 12 PIPE UNDERDRAINS, 4" (HWY STD. 601001)
  - 13 ALT A: HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 11.25" OR ALT B: PORTLAND CEMENT CONCRETE PAVEMENT, 9" (JOINTED) & STAB. SUBBASE 4"
- REMOVAL

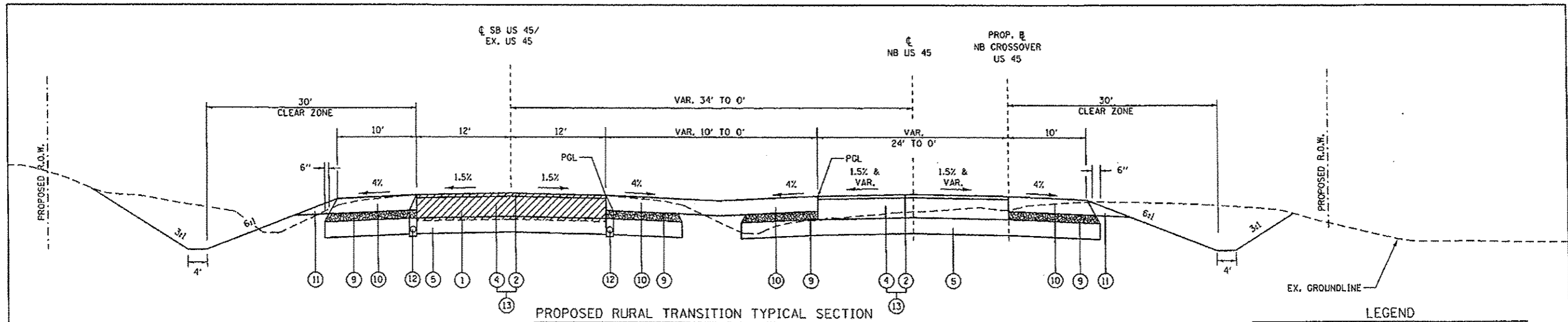


PROPOSED RURAL TRANSITION TYPICAL SECTION

TO BE USED: STA. 700+00 TO 705+49.18 (US 45) = STA. 2700+00 TO 2705+55.13 (NB CROSSOVER)  
SEE CROSS SECTIONS FOR DITCH LOCATIONS AND ELEVATIONS

REVISD 7-22-14

FILE NAME:	USER NAME: bberry	DESIGNED:	REVISD:	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS U.S. 45</b>	F.A.P. R.T.E.:	SECTION:	COUNTY:	TOTAL SHEETS:	SHEET NO.:	
PROJECT: 11297 - IDOT US 45	PROJECT: 11297 - IDOT US 45	DRAWN:	REVISD:			332	(29,30R-1)	SALINE	745	30	
PLOT SCALE: 1/8" = 1' in.	PLOT SCALE: 1/8" = 1' in.	CHECKED:	REVISD:			CONTRACT NO. 78077					
PLOT DATE: 7/21/2014	PLOT DATE: 7/21/2014	DATE:	REVISD:			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					



**PROPOSED RURAL TRANSITION TYPICAL SECTION**

TO BE USED: STA. 705+49.18 TO 710+60.77 (S US 45) & STA. 2705+55.13 TO 2710+64.21 (NB CROSSOVER)

NOTE: ALT A & ALT B OPTION ENDS AT STATION 710+60.77

**PAVEMENT STRUCTURE DESIGN**

STRUCTURAL DESIGN TRAFFIC:		YEAR 2024
PV = 9470	SU = 595	MU = 235
ROAD/STREET CLASSIFICATION:		CLASS 1
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P = 32%	S = 45%	M = 45%
TRAFFIC FACTOR:		ACTUAL TF = 1.74
		MINIMAL TF = 3.56
PG GRADE:		BINDER = 64-22 SURFACE = 64-22

NOMINAL THICKNESS FOR EACH LIFT OF BINDER SHALL BE AS FOLLOWS:

9/4" BINDER	
1st LIFT	5"
2nd LIFT	4 1/4"

- LEGEND**
- ① EXISTING HOT-MIX ASPHALT RESURFACED PCC PAVEMENT, 14"
  - ② HOT-MIX ASPHALT SURFACE COURSE, MIX D, N90, 2"
  - ④ HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0, 9 1/4"
  - ⑤ PROCESSING LIME MODIFIED SOILS (12" MIN.) (SEE GEOTECHNICAL REPORT FOR DEPTH OF PROPOSED LIME MODIFICATION)
  - ⑨ SUB-BASE GRANULAR MATERIAL TYPE "C" (TO BE OMITTED IF ALT B IS USED)
  - ⑩ ALT A: HOT-MIX ASPHALT SHOULDERS, 8" OR ALT B: PORTLAND CEMENT CONCRETE SHOULDERS, 9"
  - ⑪ AGGREGATE SHOULDERS, TYPE B
  - ⑫ PIPE UNDERDRAINS, 4" (HWY STD. 601001)
  - ⑬ ALT A: HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 11.25" OR ALT B: PORTLAND CEMENT CONCRETE PAVEMENT, 9" (JOINTED) & STAB. SUBBASE 4"
  - ▨ REMOVAL

△ REVISED 7-22-14

FILE NAME:	USER NAME: bwanj	DESIGNED: -	REVISED: -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS U.S. 45</b>			F.A.P. R/C:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PA\Projects\2011 Projects\11247 - 1001 US 45 PA\CV\CAMO Sheets\0976877-shr-typical.dwg		DRAWN: -	REVISED: -		SCALE: N.T.S.	SHEET NO. 8 OF	SHEETS	STA.	332	(29.30)R-1	SALINE	745	31
		CHECKED: -	REVISED: -					TO STA.					
		DATE: 7/21/2014	REVISED: -										
								CONTRACT NO. 78077		ILLINOIS FED. AID PROJECT			

**PORTLAND CEMENT CONCRETE  
ALTERNATE BID B**

LOCATION STATION TO STATION	DESCRIPTION	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"	PROTECTIVE COAT	PORTLAND CEMENT CONCRETE SHOULDERS 8"
		SQ YD	SQ YD	SQ YD	SQ YD
<b>STAGE 1A</b>					
U.S. 45					
449+88 TO 478+00		65,541	73,145	85,541	
449+88 TO 482+39	Outside Shld.			3,635	3,635
482+81 TO 515+69	Outside Shld.			3,270	3,270
516+48 TO 576+73	Outside Shld.			6,872	6,872
577+31 TO 605+11	Outside Shld.			3,180	3,180
605+69 TO 640+00	Outside Shld.			4,668	4,668
649+88 TO 678+00	Outside Shld.			3,138	3,138
481+53 TO 482+05	Inside Shld.			1,348	1,348
483+40 TO 515+74	Inside Shld.			1,439	1,439
517+42 TO 576+58	Inside Shld.			2,630	2,630
577+92 TO 605+85	Inside Shld.			1,248	1,248
607+39 TO 678+00	Inside Shld.			3,143	3,143
<b>STAGE 2</b>					
U.S. 45					
449+88 TO 449+88		75,035	83,725	75,035	
449+88 TO 482+39	Outside Shld.			3,172	3,172
482+81 TO 515+69	Outside Shld.			3,731	3,731
516+48 TO 576+03	Outside Shld.			6,668	6,668
577+11 TO 605+31	Outside Shld.			3,201	3,201
606+49 TO 694+55	Outside Shld.			9,740	9,740
694+83 TO 710+81	Outside Shld.			1,738	1,738
449+88 TO 482+09	Inside Shld.			1,433	1,433
482+81 TO 515+78	Inside Shld.			1,492	1,492
516+63 TO 576+81	Inside Shld.			2,663	2,663
577+43 TO 605+89	Inside Shld.			1,300	1,300
606+81 TO 694+05	Inside Shld.			3,678	3,678
695+19 TO 705+20	Inside Shld.			468	468
<b>STAGE 3</b>					
U.S. 45					
678+00 TO 706+32		9,082	10,027	9,082	
689+34 TO 693+69		440	385	440	
678+00 TO 694+48	Outside Shld.			1,819	1,819
694+71 TO 706+32	Outside Shld.			1,255	1,255
678+00 TO 694+18	Inside Shld.			748	748
686+15 TO 706+32	Inside Shld.			484	484
689+05 TO 693+69	Inside Shld.			208	208
<b>PROJECT TOTAL</b>		<b>150,668</b>	<b>167,402</b>	<b>228,323</b>	<b>76,225</b>

**RECESSED PAVEMENT MARKING  
GROOVING ALT. BID B**

STATION BEGIN	STATION END	*SIDE	LOCATION	DESCRIPTION	GROOVING FOR RECESSED PAVEMENT MARKING	
					5" WHITE FOOT	YELLOW FOOT
<b>STAGE 3</b>						
U.S. 45						
449+88	705+27	LT CL	SB	SKIP DASH	0,385	
449+88	703+47	RT CL	NB	SKIP DASH	0,340	
707+82	710+61	CL	SB	SKIP DASH		70
<b>PROJECT TOTAL</b>					<b>12,725</b>	<b>70</b>

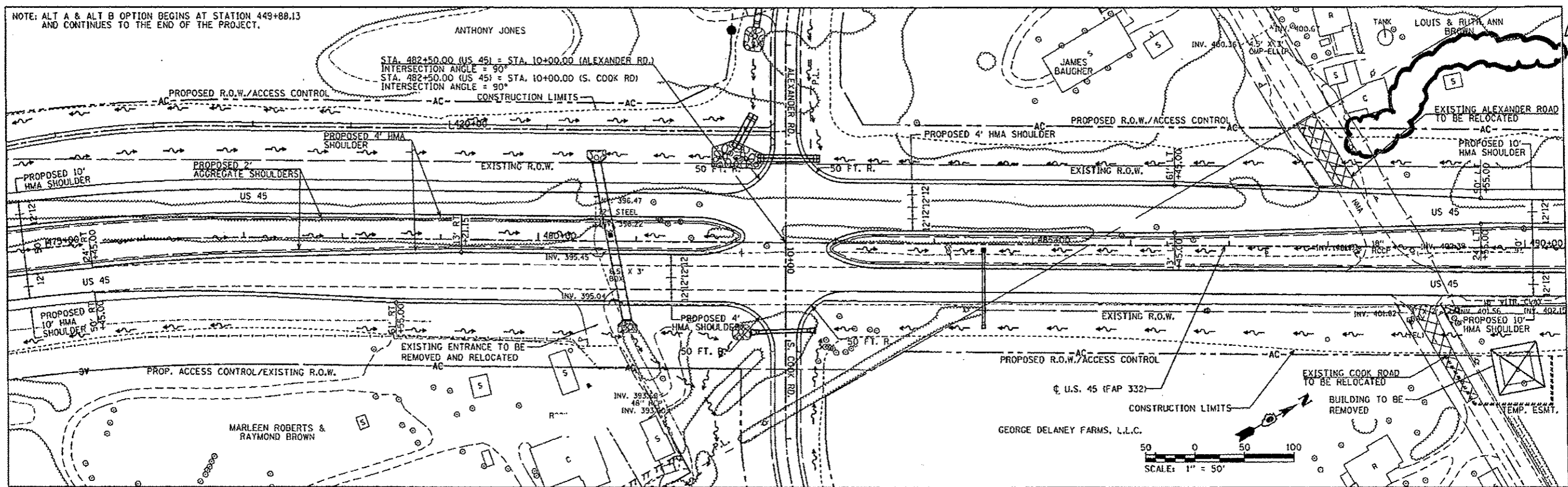
\* IS = INSIDE LANE, OS = OUTSIDE LANE, LT & RT ARE BASED ON FORWARD STATIONING

NOTE:  
LIMITS SHOWN FOR PAY ITEMS  
ON THESE SCHEDULES MAY HAVE  
ADDITIONAL LIMITS AND VALUES  
IN OTHER SCHEDULES.

△ REVISED 7-22-14

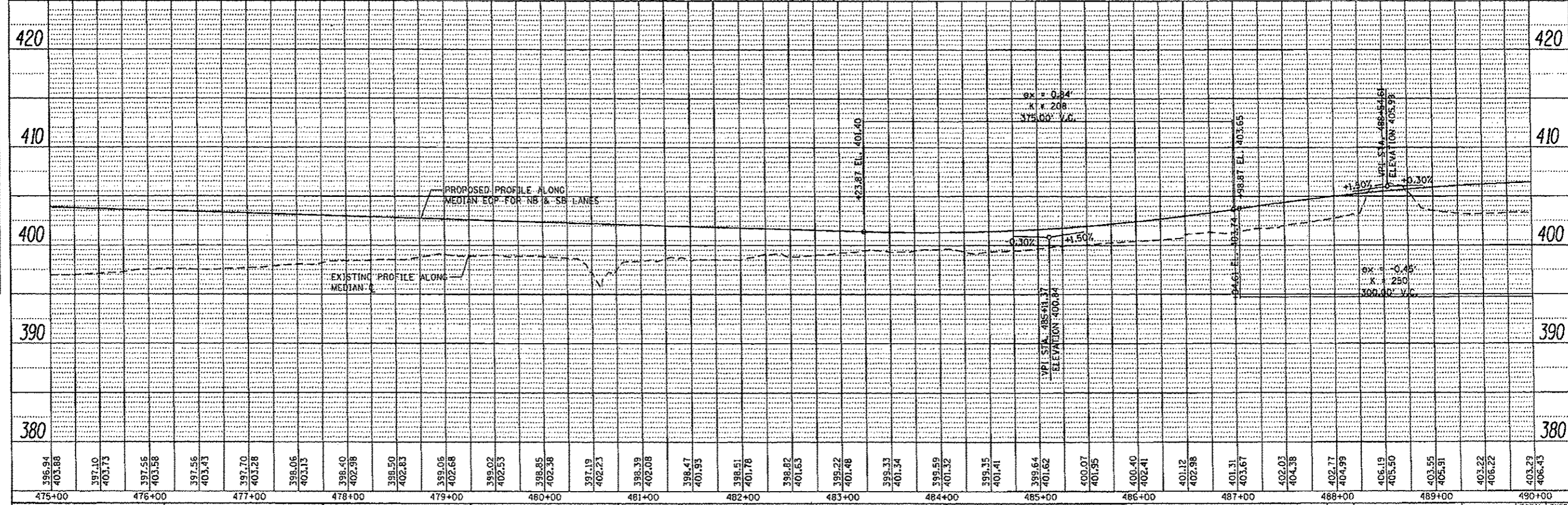
FILE NAME *	USER NAME * bsnery	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES ALTERNATE BID B</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
PROJECT NAME * 2011 Projects\11277 - 1001 US	PROJECT NUMBER * 11277-1001	DRAWN -	REVISED -		SCALE: N.T.S.	SHEET NO.	OF	SHEETS	STA.	TO STA.	332	(29,30)R-1	SALINE	745	66
PLLOT SCALE * 100.00' / in.	PLLOT DATE * 7/21/2014	CHECKED -	REVISED -		CONTRACT NO. 78077										
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT										

NOTE: ALT A & ALT B OPTION BEGINS AT STATION 449+88.13 AND CONTINUES TO THE END OF THE PROJECT.



DATE	
BY	
REVISIONS	
NO.	DESCRIPTION
1	ISSUED FOR PERMIT
2	ISSUED FOR CONSTRUCTION
3	ISSUED FOR AS-BUILT
4	ISSUED FOR RECORD
5	ISSUED FOR FINAL
6	ISSUED FOR
7	ISSUED FOR
8	ISSUED FOR
9	ISSUED FOR
10	ISSUED FOR

DATE	
BY	
REVISIONS	
NO.	DESCRIPTION
1	ISSUED FOR PERMIT
2	ISSUED FOR CONSTRUCTION
3	ISSUED FOR AS-BUILT
4	ISSUED FOR RECORD
5	ISSUED FOR FINAL
6	ISSUED FOR
7	ISSUED FOR
8	ISSUED FOR
9	ISSUED FOR
10	ISSUED FOR



FILE NAME	USER NAME	DESIGNED	REVISED	STATE OF ILLINOIS	ROADWAY PLAN & PROFILE	F.A.P. RTEL	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
P:\Projects\2011 Projects\14297 - I801 US45	bamery			DEPARTMENT OF TRANSPORTATION	U.S. 45	332	429.30IR-1	SALINE	745	152
									CONTRACT NO.	78077
									ILLINOIS FED. AID PROJECT	

REVISION 7-22-14

**MAINTENANCE OF TRAFFIC STAGE 1A (THIS SHEET)**

**SEQUENCE OF CONSTRUCTION**

1. BUILDING REMOVAL
2. CONSTRUCT PROPOSED PERMANENT U.S. 45 EMBANKMENT AND PAVEMENT
3. CONSTRUCT PROPOSED PERMANENT ALEXANDER RD. EMBANKMENT AND PAVEMENT
4. CONSTRUCT PROPOSED PERMANENT BIKE PATH EMBANKMENT AND SURFACE
5. CONSTRUCT PROPOSED PERMANENT DODD CEMETERY RD. PAVEMENT
6. CONSTRUCT PROPOSED PERMANENT SCHNAKE RD. EMBANKMENT AND PAVEMENT
7. CONSTRUCT PROPOSED PERMANENT ROBERTS DRAINAGE DITCH
8. CONSTRUCT PROPOSED PERMANENT S. COOK RD. EMBANKMENT AND PAVEMENT
9. CONSTRUCT PROPOSED PERMANENT ROBERTS ENTRANCE EMBANKMENT AND PAVEMENT
10. CONSTRUCT PROPOSED PERMANENT GANDERTOWN RD. EMBANKMENT AND PAVEMENT
11. CONSTRUCT PROPOSED PERMANENT LEFT COOK RD. EMBANKMENT AND PAVEMENT

**TRAFFIC PLACEMENT**

1. MAINTAIN TRAFFIC ON EXISTING U.S. 45
2. MAINTAIN TRAFFIC ON EXISTING SIDEROADS UNTIL PROPOSED SIDEROADS ARE CONSTRUCTED
3. ALL SIDEROADS SHALL REMAIN OPEN AND SHALL BE CONSTRUCTED UNDER TRAFFIC
4. ALL ENTRANCES SHALL REMAIN OPEN AND SHALL BE CONSTRUCTED UNDER TRAFFIC
5. TRAFFIC CONTROL DEVICES USED FOR TRAFFIC CONTROL SHALL BE PLACED IN THE WIDENING ALONG THE EDGE OF PAVEMENT WHEN NO WORK OPERATIONS ARE PRESENT AT THE END OF EACH WORK DAY AND WEEKENDS.

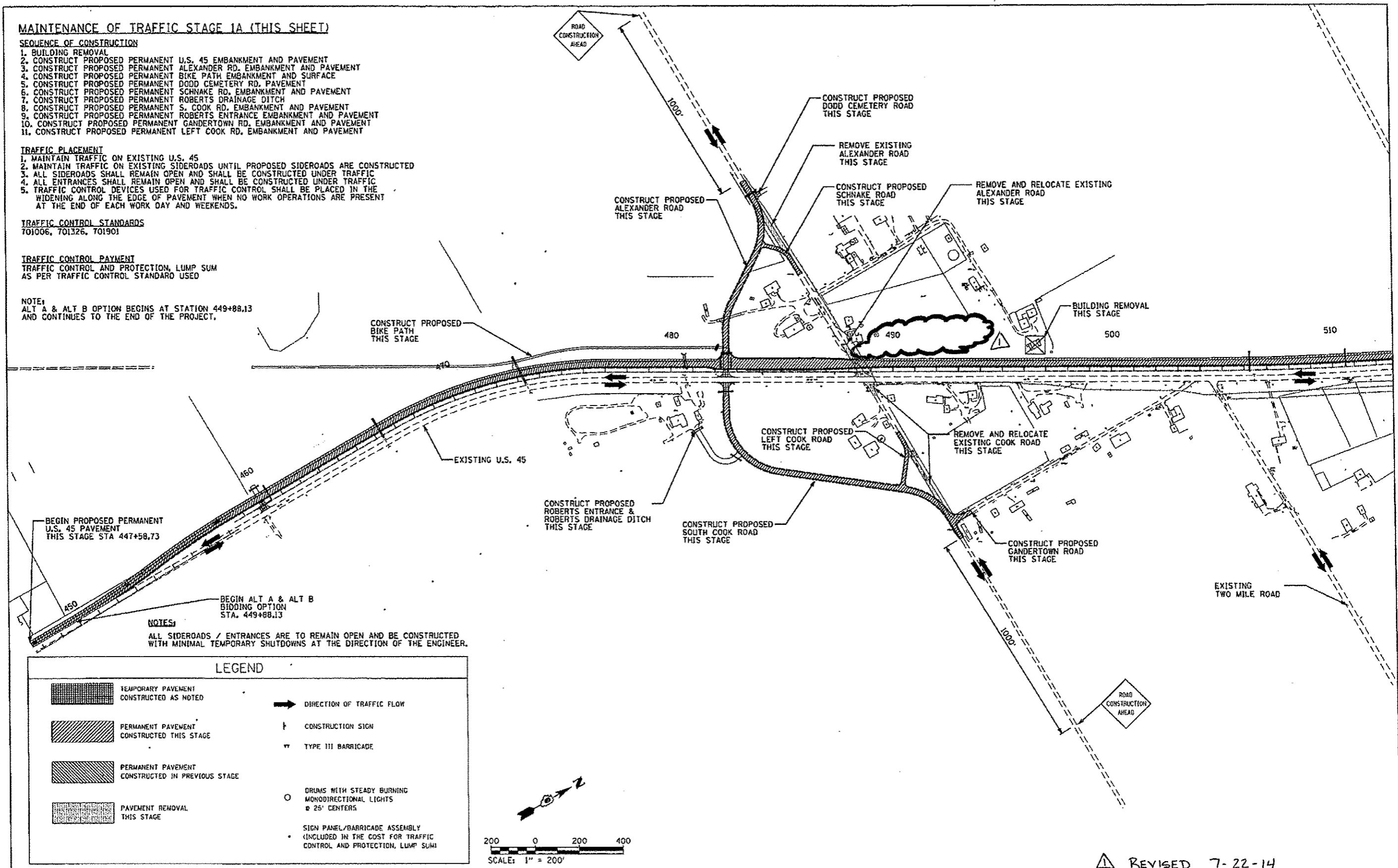
**TRAFFIC CONTROL STANDARDS**  
701006, 701326, 701901

**TRAFFIC CONTROL PAYMENT**

TRAFFIC CONTROL AND PROTECTION, LUMP SUM AS PER TRAFFIC CONTROL STANDARD USED

**NOTE:**

ALT A & ALT B OPTION BEGINS AT STATION 449+88.13 AND CONTINUES TO THE END OF THE PROJECT.

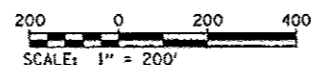


**NOTES:**

ALL SIDEROADS / ENTRANCES ARE TO REMAIN OPEN AND BE CONSTRUCTED WITH MINIMAL TEMPORARY SHUTDOWNS AT THE DIRECTION OF THE ENGINEER.

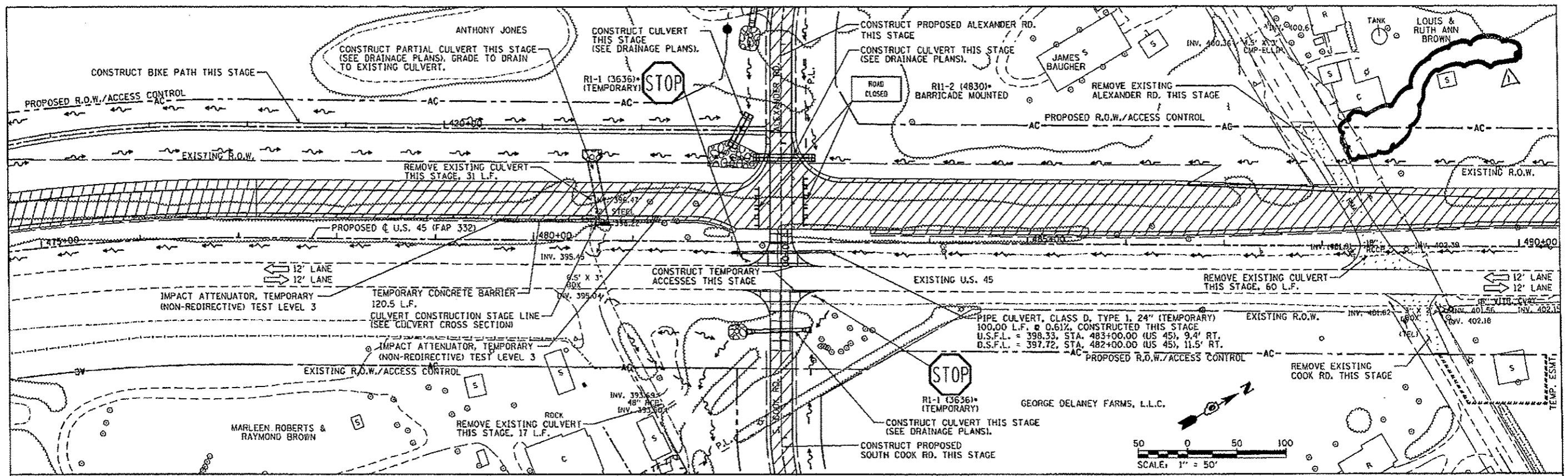
**LEGEND**

	TEMPORARY PAVEMENT CONSTRUCTED AS NOTED		DIRECTION OF TRAFFIC FLOW
	PERMANENT PAVEMENT CONSTRUCTED THIS STAGE		CONSTRUCTION SIGN
	PERMANENT PAVEMENT CONSTRUCTED IN PREVIOUS STAGE		TYPE III BARRICADE
	PAVEMENT REMOVAL THIS STAGE		DRUMS WITH STEADY BURNING MONODIRECTIONAL LIGHTS @ 25' CENTERS
			SIGN PANEL/BARRICADE ASSEMBLY (INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION, LUMP SUM)

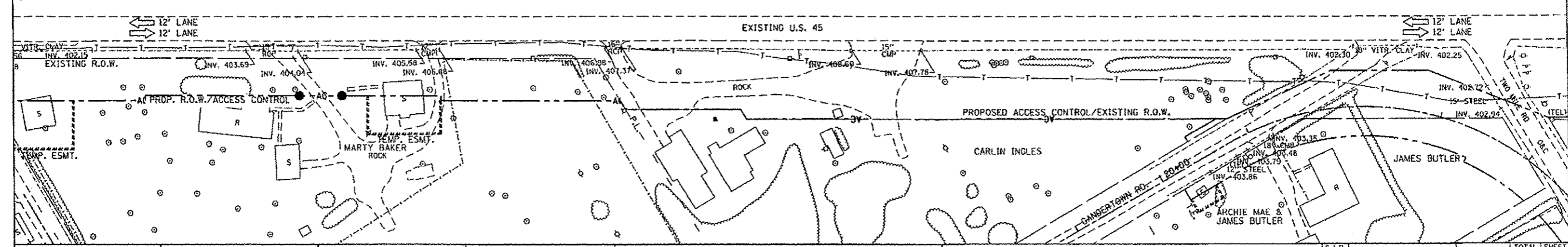
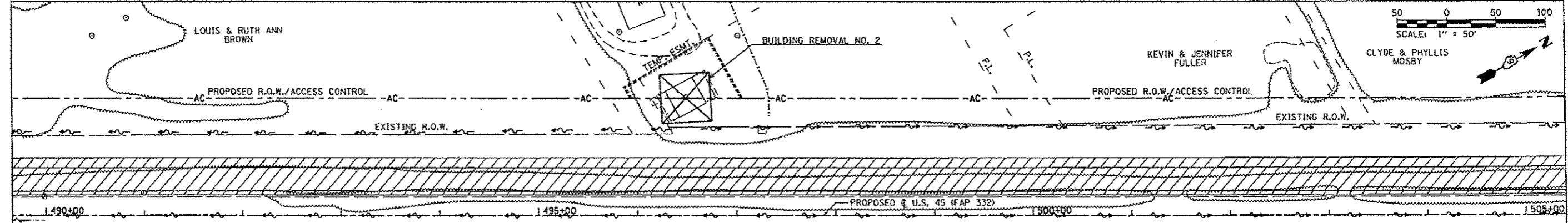


△ REVISED 7-22-14

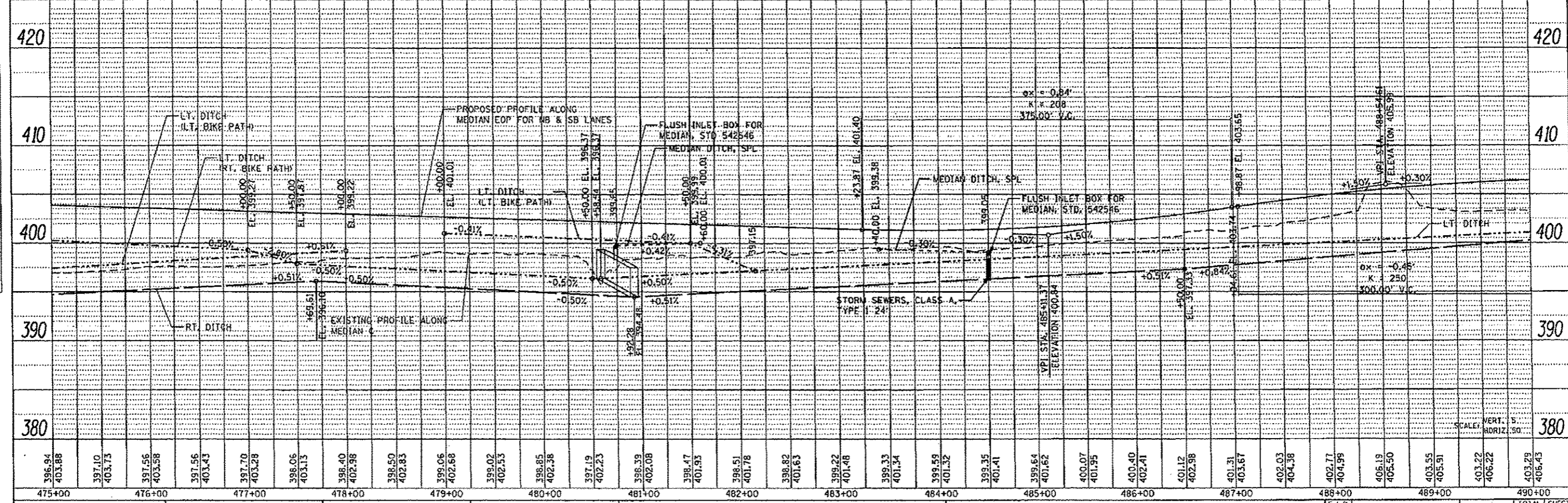
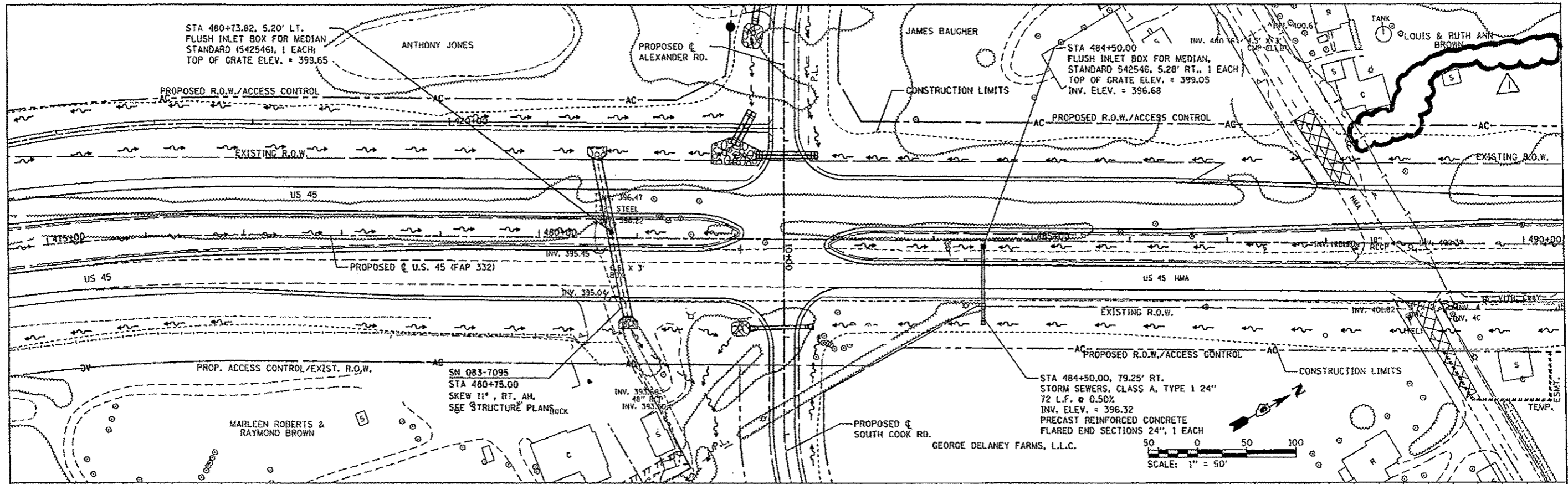
FILE NAME *	USER NAME * hmnary	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CONSTRUCTION STAGING PLAN STAGE 1A</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
P:\Projects\2011 Projects\11297 - I00T US 45 Ph2\CV\CAD Sheets\0978077-ent-Stage1A.dwg	DRAWN -	REVISED -	REVISED -		332	(29.30)R-1	SALINE	745	195		
Default	PLOT SCALE * 490.6880 / / in.	CHECKED -	REVISED -		SCALE: 1" = 200'		SHEET OF SHEETS		CONTRACT NO. 78077		
	PLOT DATE * 7/22/2014	DATE -	REVISED -		STA. 447+58.73 TO STA. 510+00.00		ILLINOIS FED. AID PROJECT				



TEMPORARY PAVEMENT CONSTRUCTED AS NOTED	PERMANENT PAVEMENT CONSTRUCTED THIS STAGE	PERMANENT PAVEMENT CONSTRUCTED IN PREVIOUS STAGE	ROADWAY REMOVAL THIS STAGE	DIRECTION OF TRAFFIC FLOW	TYPE III BARRICADE	TEMPORARY FLOW ARROW	SIGN PANEL/BARRICADE ASSEMBLY (INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION. LUMP SUM)
				CONSTRUCTION SIGN		DRUMS WITH STEADY BURNING MONODIRECTIONAL LIGHTS @ 25' CENTERS	



FILE NAME: P:\Projects\2011 Projects\11247 - 100T US 45 F&E\CAD\Sheets\0978877-sh1-MOT-Stage 1A.dwg	USER NAME: jbarney	DESIGNED: jbarney	REVISED: -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MAINTENANCE OF TRAFFIC - STAGE 1A U.S. 45</b>		F.A.P. R.I.E.: 332	SECTION: 129.101R-1	COUNTY: SALINE	TOTAL SHEETS: 206	SHEET NO.: 206
DESIGNED: jbarney	CHECKED: jbarney	DATE: 7/22/2014	REVISED: -		SCALE: 1" = 50'	SHEET: 09	SHEETS: STA. 475+00.00 TO STA. 505+00.00		CONTRACT NO. 78077		
ILLINOIS REG. AID PROJECT											
REVISOR: 7-22-14											



PLAN

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DESCRIPTION

PROFILE

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REVISIONS

NO.

DATE

BY

DESCRIPTION

FILE NAME: P:\Projects\2011\Projects\11297 - 100T US45	USER NAME: benny	DESIGNED: -	REVISED: -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE PLAN &amp; PROFILE U.S. 45</b>		F.A.P. RTE: 332	SECTION: (29,30R-1)	COUNTY: SALINE	TOTAL SHEETS: 745	SHEET NO.: 356	
PLOT SCALE: 1/8"=1'-0"	PLOT DATE: 7/22/2014	CHECKED: -	REVISED: -		SCALE: 1"=50'	SHEET NO. OF SHEETS	STA. 475+00.00 TO STA. 490+00.00	CONTRACT NO. 78077				
[ILLINOIS] FED. AID PROJECT												
REVISOR: 7-22-14												