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LIST OF STANDARDS

000001-05	701301-03
280001-05	701306-02
424001-05	701311-03
442201-03	701316-04
606001-04	701326-03
630001-08	701501-05
630301-05	701801-04
631032-05	701901-01
635006-03	780001-02
635011-02	781001-03
701001-02	
701006-03	
701201-03	

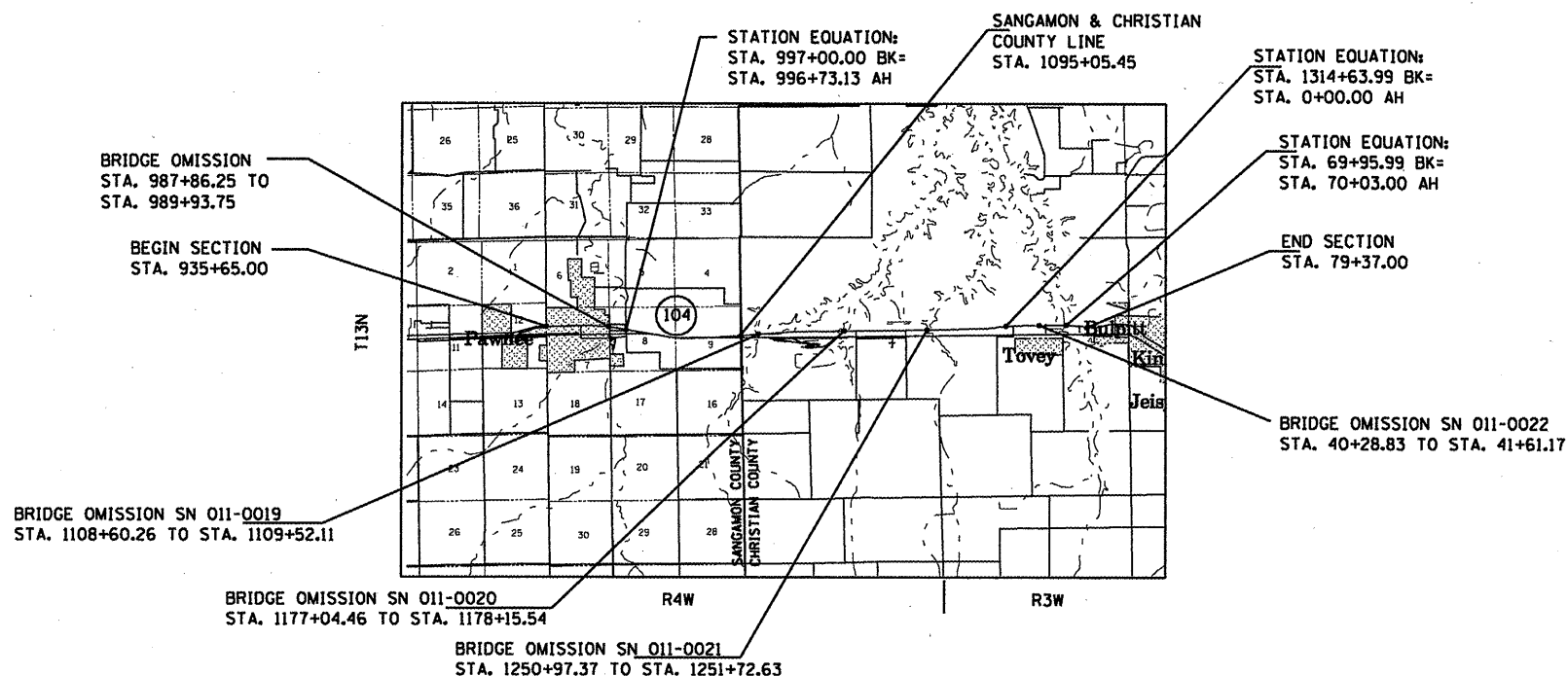
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED
HIGHWAY PLANS

FAP ROUTE 753 (IL 104)
SECTION 141 RS-6 & 142 RS-6

RESURFACING & MILLED RUMBLE STRIP
SANGAMON AND CHRISTIAN COUNTIES

C-96-134-10



LOCATION MAP

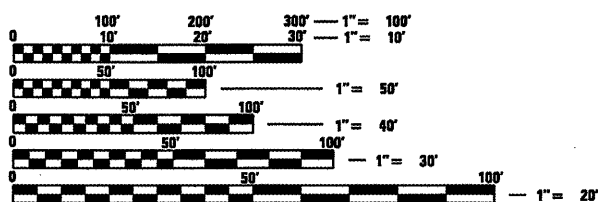
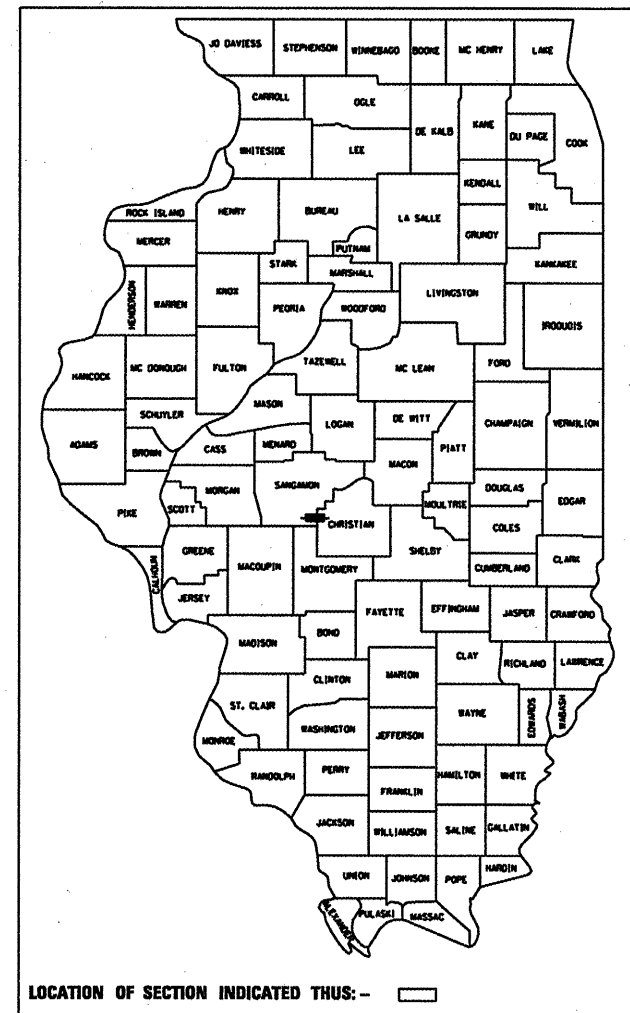
SANGAMON COUNTY GROSS LENGTH = 15967.32 FT. = 3.024 MILES
 SANGAMON COUNTY NET LENGTH = 15759.82 FT. = 2.985 MILES
 CHRISTIAN COUNTY GROSS LENGTH = 29888.53 FT. = 5.661 MILES
 CHRISTIAN COUNTY NET LENGTH = 29478.00 FT. = 5.583 MILES
 PROJECT GROSS LENGTH = 45855.85 FT. = 8.685 MILE
 PROJECT NET LENGTH = 45237.82 FT. = 8.568 MILE

HIGHWAY CLASSIFICATION=MINOR ARTERIAL (NON URBAN)	
CHRISTIAN COUNTY	SANGAMON COUNTY
ADT: 3153 (YR 2009) : 3850 (YR 2032)	ADT: 4250 (YR 2009) : 5100 (YR 2032)
MU=5.0%	MU=5.6%
SU=5.0%	SU=10.3%

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	141RS-6&142RS-6		62	1

ILLINOIS CONTRACT NO. 72B13

* SANGAMON, CHRISTIAN
D-96-541-07



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: SAL MADONIA 217-782-4761
PROJECT MANAGER: KEN ANDERSON 217-524-7546

CONTRACT NO. 72B13

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED February 4, 2010
Russ Z. Dorman
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 19, 2010
Scott E. Stett, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

March 19, 2010
Christine M. Reed
DIRECTOR OF HIGHWAYS/CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GENERAL NOTES

1. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUB NUMBER LISTED IN THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
2. IN ADDITION TO FIELD SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO THE 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 A 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 UNIT PRICE BID FOR THE WORK.
3. ACCESS TO ALL ENTRANCES AND SIDE ROADS SHALL BE MAINTAINED AT ALL TIMES.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS, AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE J.U.L.I.E. NUMBER IS 1-800-892-0123. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED.
5. THE THICKNESS OF BITUMINOUS MIXTURES 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 BITUMINOUS MIXTURE IS PLACED.
6. ALL SAW CUTS, NECESSARY TO COMPLETE THE WORK DETAILED IN THESE PLANS, SHALL BE INCLUDED IN THE COST FOR THE VARIOUS PAY ITEMS INVOLVED. THE MINIMUM SAW CUT DEPTH IN THE PAVEMENT SHALL BE 1 1/2 " UNLESS OTHERWISE SPECIFIED IN A DETAIL SHOWN IN THE PLANS.
7. UNLESS DIRECTED BY THE ENGINEER, PAVEMENT MARKING LINES SHALL NOT BE LAID DIRECTLY OVER A LONGITUDINAL CRACK OR JOINT NOR OVER A TAR OR ASPHALT PAINTED LINE. THE EDGE OF A CENTERLINE OR LANE LINE SHALL BE OFFSET A MINIMUM DISTANCE OF 2" FROM A LONGITUDINAL CRACK OR JOINT. EDGE LINES SHALL BE APPROXIMATELY 2" FROM THE EDGE LINE OF PAVEMENT. SEE SECTION 780 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS.
8. NO PASSING ZONES TO BE FIELD VERIFIED BY THE BUREAU OF OPERATIONS. THE RESIDENT ENGINEER SHALL NOTIFY THE BUREAU OF OPERATIONS AT LEAST 14 DAYS PRIOR TO PLACEMENT OF FINAL PERMANENT PAVEMENT MARKING. (PH: 217-785-5312)
9. THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED TO CALCULATE THE PLAN QUANTITIES:
 BITUMINOUS MATERIALS (PRIME COAT) 0.00038 TON/SQ. YD. (ON PAVEMENT)
 BITUMINOUS MATERIALS (PRIME COAT) 0.001425 TON/SQ. YD. (ON AGG.)
 AGGREGATE PRIME COAT 0.002 TON/SQ. YD.
 BITUMINOUS CONCRETE SURFACE / BINDER 0.056 TON/SQ. YD. PER 1"
 AGGREGATE MATERIAL 2.05 TON/CU. YD.
10. THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION WILL BE REMOVED OR RELOCATED AS DIRECTED BY THE ENGINEER. AFTER THE CONSTRUCTION IS COMPLETED, THE CONTRACTOR WILL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT, AND NO COMPENSATION WILL BE ALLOWED.
11. NO COMMITMENTS MADE.

DISTRICT SIX	
EXAMINED <u>Feb 2</u>	20 <u>10</u>
<i>Sam J. Ham</i>	
OPERATIONS ENGINEER	
EXAMINED <u>Feb 3</u>	20 <u>10</u>
<i>Sam J. Ham</i>	
PROGRAM IMPLEMENTATION ENGINEER	
EXAMINED <u>July 29</u>	20 <u>10</u>
<i>SRM L</i>	
PROGRAM DEVELOPMENT ENGINEER	

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE(S):	**LEVEL BINDER (MACH METHOD)	***LEVEL BINDER (MACH METHOD)	**HMA SURFACE COURSE	***HMA SURFACE COURSE	**PATCHING	***PATCHING	INCIDENTAL HMA SURFACE	HMA SHOULDERS
PG:	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 58-22
DESIGN AIR VOIDS:	4.0% @ N 70	4.0% @ N 50	4.0% @ N 70	4.0% @ N50	4.0% @ N 70	4.0% @ N 50	4.0% @ N 50	2.0% @ N 30
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5	IL 9.5	IL 9.5 OR IL 12.5	IL 9.5 OR IL 12.5	IL 19.0	IL 19.0	IL 9.5 OR IL 12.5	BAM (OTHER)
FRICTION AGGREGATE:	N/A	N/A	MIX "D"	MIX "C"	N/A	N/A	MIX "C"	N/A
20 YEAR ESAL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

NOTE: ** WEST OF COTTONHILL ROAD
 *** EAST OF COTTONHILL ROAD

**ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES**

CODED PAY ITEM	DESCRIPTION	UNITS	TOTAL QUANTITY	SANGAMON CO. ROADWAY	CHRISTIAN CO. ROADWAY
				100% STATE 1000	100% STATE 1000
20200100	EARTH EXCAVATION	CU YD	30		30
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	548		548
31100500	SUB-BASE GRANULAR MATERIAL, TYPE A 6"	SQ YD	179	179	
35800100	PREPARATION OF BASE	SQ YD	201		201
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	17		17
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	65	26	39
40600300	AGGREGATE (PRIME COAT)	TON	295	135	160
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	5,843.5	1,419.50	4,424
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	313.5	313.5	
40600895	CONSTRUCTING TEST STRIP	EACH	2	1	1
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	5,033	1,809	3,224
40600990	TEMPORARY RAMP	SQ YD	937.5	528.5	409
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	11,687	2,839	8,848
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	2,135	2,135	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	391	154	237
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	57	57	
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	201	201	
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	2097	2097	
42400800	DETECTABLE WARNINGS	SQ FT	150	150	
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2 "	SQ YD	17,013	17,013	
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	118,115	37,362	80,753
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	229	229	
44000300	CURB REMOVAL	FOOT	30	30	
44000500	COMBINATION CONCRETE CURB AND GUTTER REMOVAL	FOOT	467	467	
44000600	SIDEWALK REMOVAL	SQ FT	60	60	
44004610	SIDEWALK REMOVAL AND REPLACEMENT (SPECIAL)	SQ FT	58	58	
44200152	PAVEMENT PATCHING, TYPE I, 13 INCH	SQ YD	20	10	10
44200156	PAVEMENT PATCHING, TYPE II, 13 INCH	SQ YD	1,169	125	1,044

**ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES**

CODED PAY ITEM	DESCRIPTION	UNITS	TOTAL QUANTITY	SANGAMON CO. ROADWAY	CHRISTIAN CO. ROADWAY
				100% STATE 1000	100% STATE 1000
44200160	PAVEMENT PATCHING, TYPE III, 13 INCH	SQ YD	234	20	214
44200162	PAVEMENT PATCHING, TYPE IV, 13 INCH	SQ YD	2,189		2,189
48101200	AGGREGATE SHOULDERS, TYPE B	TON	4,492	1,236	3,256
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	23,784.5		23,784.5
50102400	CONCRETE REMOVAL	CU YD	73		73
50300255	CONCRETE SUPERSTRUCTURE	CU YD	73		73
50300260	BRIDGE DECK GROOVING	SQ YD	160		160
50300300	PROTECTIVE COAT	SQ YD	864		864
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	14,110		14,110
50800515	BAR SPLICERS	EACH	80		80
56109210	WATER VALVES TO BE ADJUSTED	EACH	1	1	
60255500	MANHOLES TO BE ADJUSTED	EACH	6	6	
60260100	INLETS TO BE ADJUSTED	EACH	4	4	
60406610	GRATING (SPECIAL)	EACH	1	1	
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	467	467	
* 63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	1,662.5		1,662.5
* 63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	16		16
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	16		16
63200310	GUARDRAIL REMOVAL	FOOT	3,383		3,383
64200105	SHOULDER RUMBLE STRIP	FOOT	75,169	18,604	56,565
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	4	8
67100100	MOBILIZATION	L SUM	1	0.5	0.5
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0.5	0.5
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.5	0.5
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	0.25	0.75
70100900	TRAFFIC CONTROL AND PROTECTION, STANDARD 701316 (SPECIAL)	EACH	4		4
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	0.5	0.5

*Specialty Items

**ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES**

CODED PAY ITEM	DESCRIPTION	UNITS	TOTAL QUANTITY	SANGAMON CO. ROADWAY	CHRISTIAN CO. ROADWAY
				100% STATE 1000	100% STATE 1000
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	15	5	10
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	4		4
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	4		4
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	13,573	4,791	8,782
70300230	TEMPORARY PAVEMENT MARKING - LINE 5"	FOOT	100,546	28,636	71,910
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1,509	533	976
* 78001120	PAINT PAVEMENT MARKING - LINE 5"	FOOT	99,012	27,102	71,910
* 78004220	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 5"	FOOT	1,534	1,534	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	569	198	371
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	64		64
* 78201000	TERMINAL MAKER - DIRECT APPLIED	EACH	16		16
78300100	PAVEMENT MARKING REMOVAL	SQ FT	3316		3316
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	569	198	371
X7200201	WIDTH RESTRICTION SIGNING	L SUM	1	0.5	0.5
Z0016200	DECK SLAB REPAIR (PARTIAL)	SQ YD	5.5		5.5

**specialty items*

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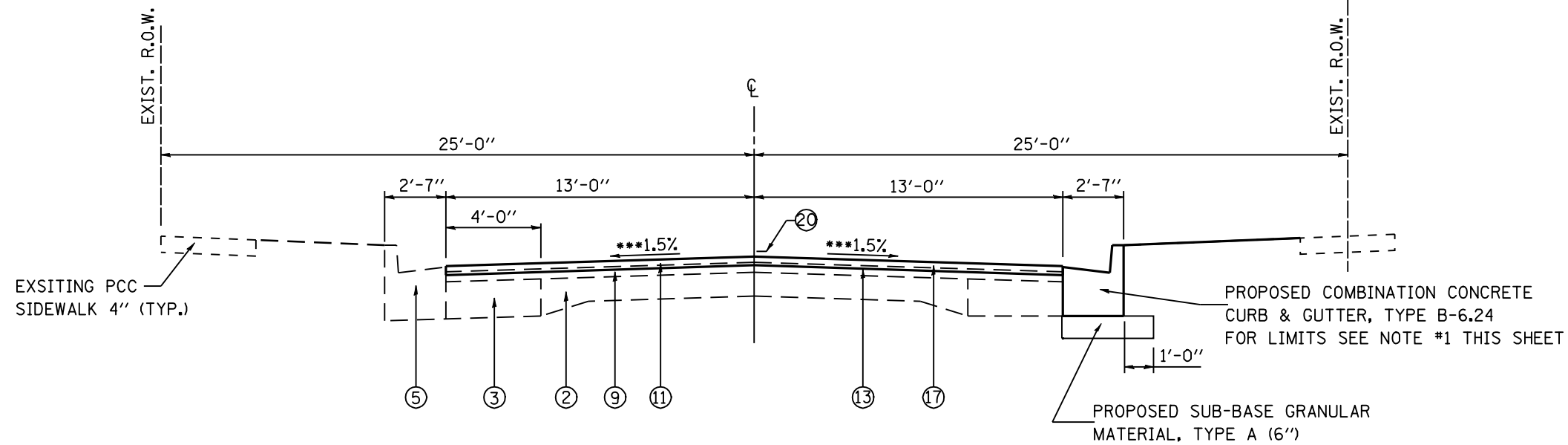
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	141RS-6&142RS-6	*	62	4
CONTRACT NO. 72813			ILLINOIS FED. AID PROJECT	

* SANGAMON, CHRISTIAN



TYPICAL SECTION #2

STA. STA. 937+02.10 TO STA. 982+05.00

NOTE #1

REMOVE AND REPLACE COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 FROM RT. STA. 937+30 TO RT. STA. 940+86 (SEE PLAN AND PROFILE SHEET FOR DETAILS) & NORTH RADIUS RETURNS AT 10TH STREET (SEE IL 104 & 10TH ST. INTERSECTION FOR DETAILS)

***FULL S.E. = 1.5%

STA. 976+33.25 TO STA. 986+03.52

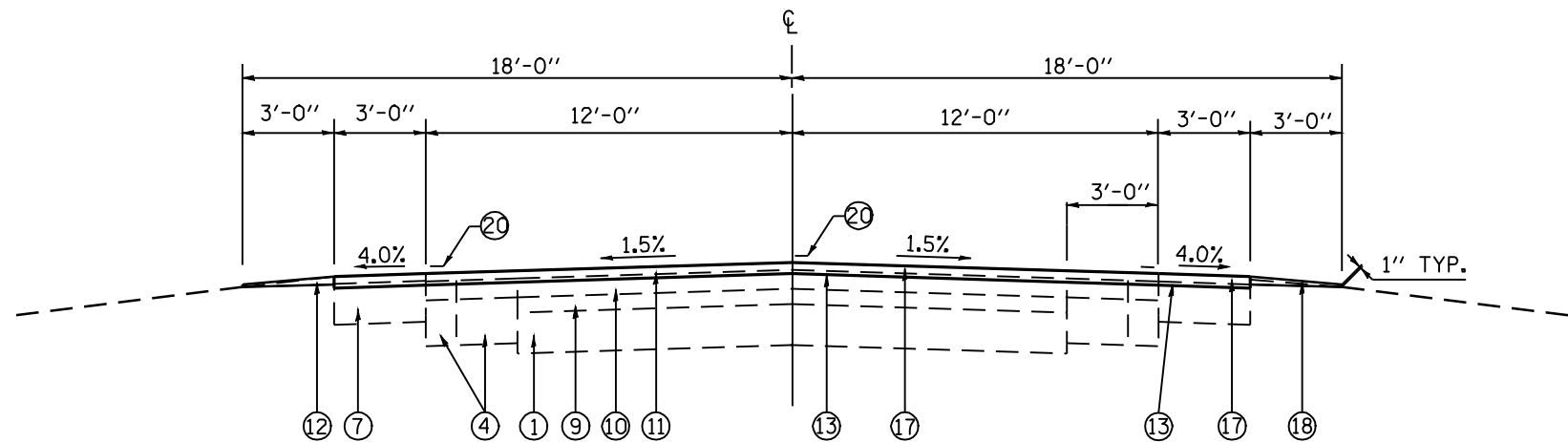
S.E. TRANSITION:

STA. 975+56.67 TO STA. 976+33.25

STA. 986+03.52 TO STA. 986+80.20

LEGEND

- 1 EXISTING 8" PCC PAVEMENT
- 2 EXISTING 9-6-9 PCC PAVEMENT
- 3 EXISTING HMA BASE COURSE 9"
- 4 EXISTING HMA BASE COURSE WIDENING 9"
- 5 EXISTING CCC & G TY.B 6.24
- 6 EXISTING SUB-BASE GRANULAR MAT. TYPE B 4"
- 7 EXISTING HMA SHOULDERS 8"
- 8 EXISTING HMA SHOULDERS 1 1/2"
- 9 EXISTING HMA OVERLAY 2 1/2"
- 10 EXISTING HMA OVERLAYS 3 3/4"
- 11 EXISTING HMA SURFACE 1 1/2"
- 12 EXISTING AGG. SHOULDER
- 13 PROPOSED SURFACE REMOVAL 2"
- 14 PROPOSED SURFACE REMOVAL VARIABLE DEPTH
- 15 PROPOSED LEVEL BINDER (MM) N70 (3/4")
- 16 PROPOSED HMA SURFACE COURSE, MIX "D",N70 (1 1/2")
- 17 PROPOSED HMA SURFACE COURSE MIX "D",N70 (2")
- 18 PROPOSED AGG. SHOULDER, TYPE B
- 19 PROPOSED RUMBLE STRIP
- 20 PROPOSED PAVEMENT MARKING 5"

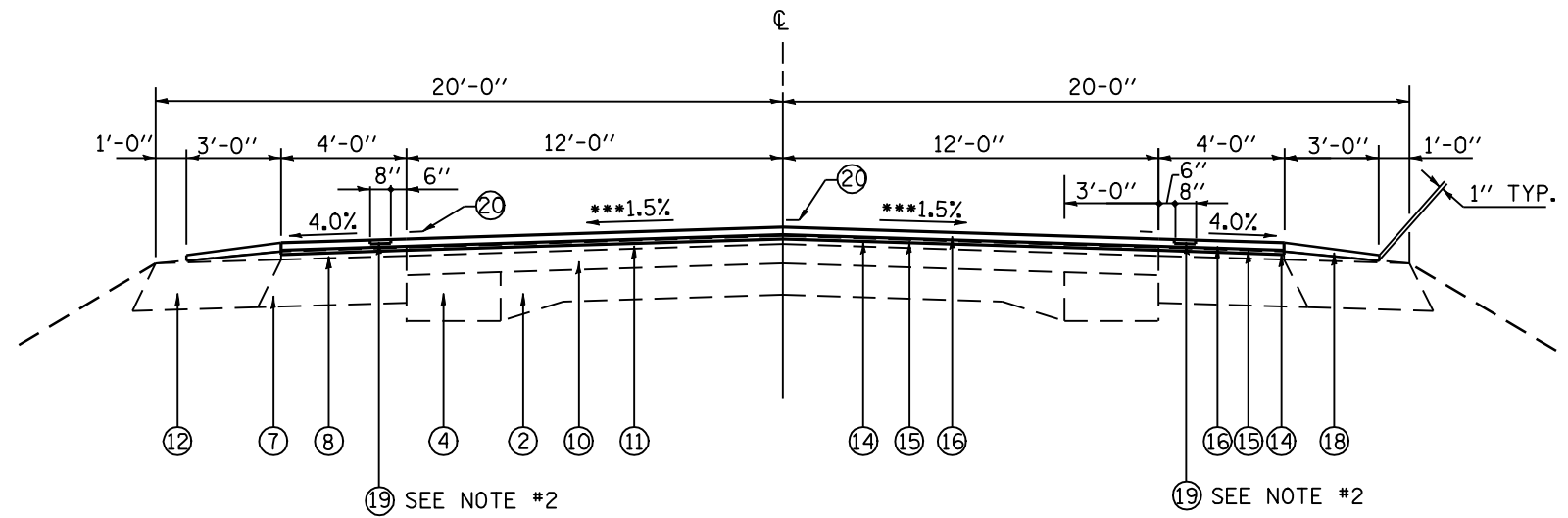


TYPICAL SECTION #1

STA. 935+65.00 TO STA. 937+02.10

SANGAMON COUNTY

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TYPICAL SECTION #4

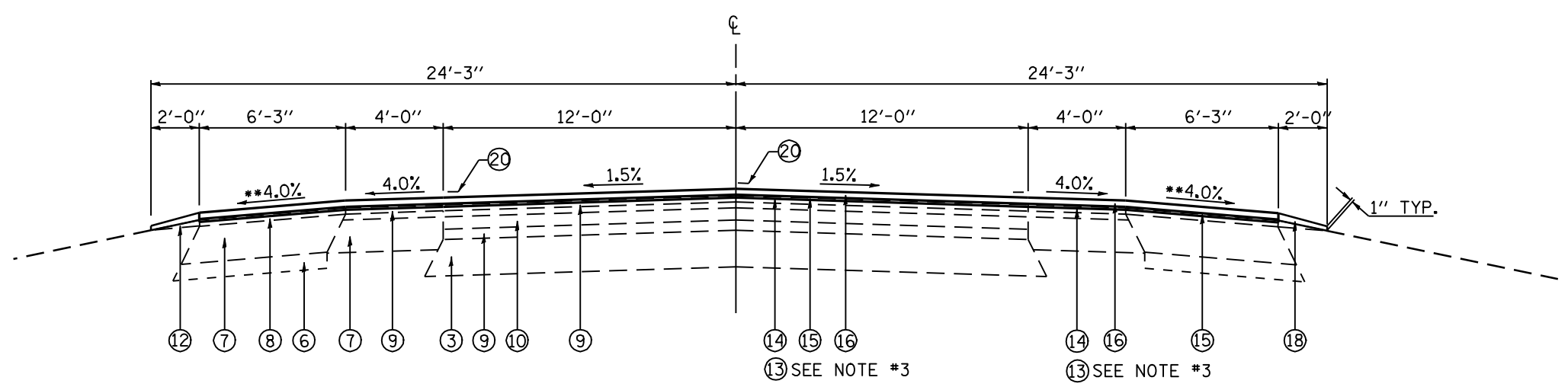
STA. 996+50.00 TO STA. 997+00.00
 STATION EQUATION STA. 997+00.00 BK. = STA. 996+73.13 AH
 STA. 996+73.13 TO STA. 1095+05.45

***FULL S.E. = 1.5%
 STA. 1044+53.22 TO 1054+16.91
 S.E. TRANSITION:
 STA. 1043+76.54 TO STA. 1044+53.22
 STA. 1054+16.91 TO STA. 1054+93.59

NOTE #2
 PROPOSED RUMBLE STRIP BEGINS:
 LT. STA. 1002+02
 RT. STA. 1002+05

LEGEND

- 1 EXISTING 8" PCC PAVEMENT
- 2 EXISTING 9-6-9 PCC PAVEMENT
- 3 EXISTING HMA BASE COURSE 9"
- 4 EXISTING HMA BASE COURSE WIDENING 9"
- 5 EXISTING CCC & G TY.B 6.24
- 6 EXISTING SUB-BASE GRANULAR MAT. TYPE B 4"
- 7 EXISTING HMA SHOULDERS 8"
- 8 EXISTING HMA SHOULDERS 1 1/2"
- 9 EXISTING HMA OVERLAY 2 1/2"
- 10 EXISTING HMA OVERLAYS 3 3/4"
- 11 EXISTING HMA SURFACE 1 1/2"
- 12 EXISTING AGG. SHOULDER
- 13 PROPOSED SURFACE REMOVAL 2"
- 14 PROPOSED SURFACE REMOVAL VARIABLE DEPTH
- 15 PROPOSED LEVEL BINDER (MM) N70 (3/4")
- 16 PROPOSED HMA SURFACE COURSE, MIX "D",N70 (1 1/2")
- 17 PROPOSED HMA SURFACE COURSE MIX "D",N70 (2")
- 18 PROPOSED AGG. SHOULDER, TYPE B
- 19 PROPOSED RUMBLE STRIP
- 20 PROPOSED PAVEMENT MARKING 5"



TYPICAL SECTION #3

STA. 982+05.00 TO STA. 987+86.25
 BRIDGE OMISSION STA. 987+86.25 TO STA. 989+93.75
 STA. 989+93.75 TO STA. 996+50.00

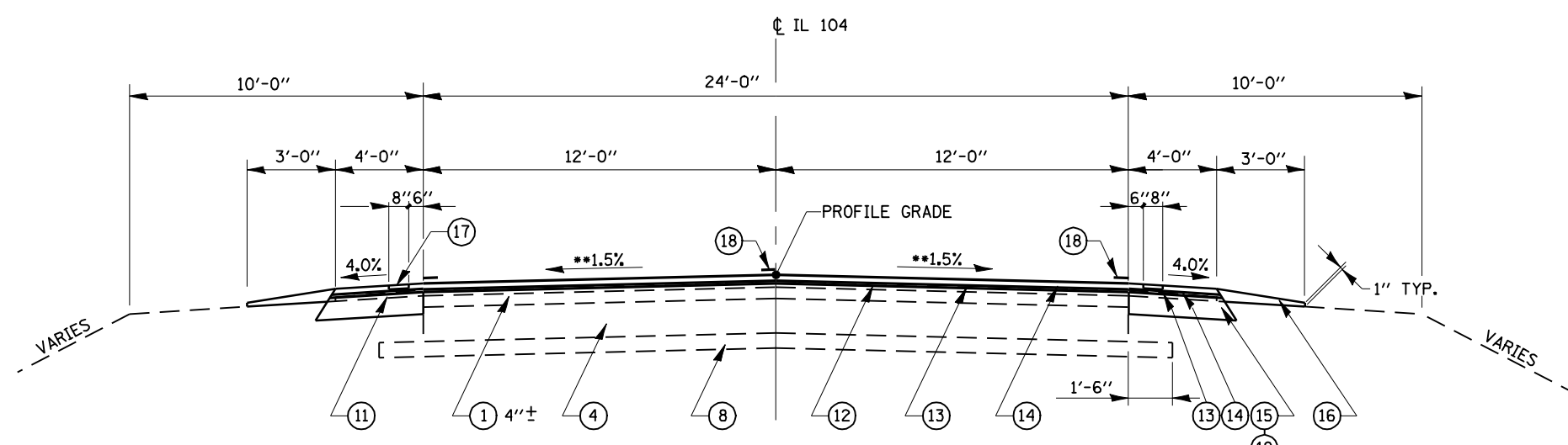
NOTE:
 LIMITS OF EXISTING BRIDGE APPROACH PAVEMENT:
 STA. 987+36.25 TO STA. 987+86.25
 STA. 989+93.75 TO STA. 990+43.75

NOTE #3
 END PROPOSED SURFACE REMOVAL 2" AT
 STA. 992+00 AND BEGIN PROPOSED
 SURFACE REMOVAL (VARIABLE DEPTH)

****NOTE:**
 TRANSITION SHOULDER PAVEMENT SLOPES TO MATCH EXISTING BRIDGE DECK

SANGAMON COUNTY

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT SCALE = 6.0000' / IN.		CHECKED -	REVISED -							CONTRACT NO. 72B13			
PLOT DATE = Feb-05-2010 11:45:30AM		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



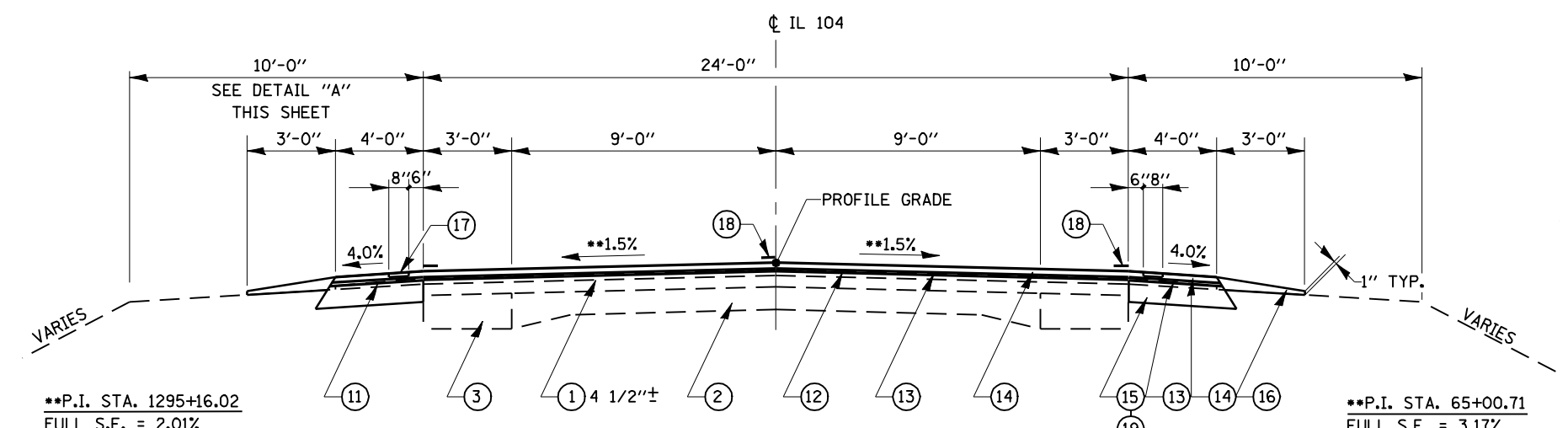
**PI STA. 47+00.49
MATCH EXIST. SUPERELEVATION

TYPICAL SECTION #6

STA. 1097+00 TO STA. 1105+85.00
 LT. STA. 1112+49.00 TO LT. STA. 1141+00.00
 RT. STA. 1112+66.00 TO RT. STA. 1141+00.00
 STA. 1171+00.00 TO STA. 1173+97.5
 LT. STA. 1180+59.50 TO LT. STA. 1185+00.00
 RT. STA. 1180+49.50 TO RT. STA. 1185+00.00
 STA. 1253+87.50 TO STA. 1254+75.00
 LT. STA. 9+00.00 TO LT. STA. 37+98.00
 RT. STA. 9+00.00 TO RT. STA. 37+69.00
 STA. 43+87.00 TO STA. 50+00.00

LEGEND

- ① EXIST. HMA OVERLAY
- ② EXIST. 9-6-9 PCC PAVEMENT
- ③ EXIST. PCC BASE COURSE WIDENING 9"
- ④ EXIST. PCC BASE COURSE (9")
- ⑤ EXIST. PCC BRIDGE APPROACH PAVEMENT
- ⑥ EXIST. PCC BRIDGE APPROACH PAVE. CONNECTOR (FLEXIBLE)
- ⑦ EXIST. HMA BASE COURSE 12"
- ⑧ EXIST. SUB-BASE GRANULAR MATERIAL TYPE A
- ⑨ EXIST. AGGREGATE SUB-BASE
- ⑩ EXIST. HMA SHOULDERS (VARIABLE DEPTH)
- ⑪ EXIST. AGGREGATE SHOULDERS
- ⑫ PROP. HMA SURFACE REMOVAL (VARIABLE DEPTH)
- ⑬ PROP. LEVELING BINDER (MACHINE METHOD) N50 (3/4")
- ⑭ PROP. HMA SURFACE COURSE, MIX "C" N50 (1 1/2")
- ⑮ PROP. HMA SHOULDERS 6"
- ⑯ PROP. AGGREGATE SHOULDER, TYPE B
- ⑰ PROP. RUMBLE STRIP
- ⑱ PROP. PAVEMENT MARKING 5"
- ⑲ PROP. EXCAVATING AND GRADING EXISTING SHOULDERS

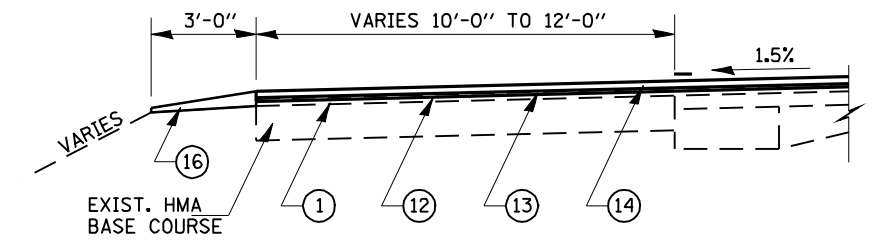


**P.I. STA. 1295+16.02
FULL S.E. = 2.01%
STA. 1290+35.62 TO STA. 1299+93.58
S.E. TRANSITION:
STA. 1289+45.98 TO STA. 1290+35.62
STA. 1299+93.58 TO STA. 1300+83.22

**P.I. STA. 1308+85.76
FULL S.E. = 2.01%
STA. 1304+03.81 TO STA. 1313+64.84
S.E. TRANSITION:
STA. 1303+14.02 TO STA. 1304+03.81
STA. 1313+64.84 TO STA. 1314+54.63

TYPICAL SECTION #5

STA. 1095+05.45 TO STA. 1097+00.00
 STA. 1141+00.00 TO STA. 1171+00.00
 LT. STA. 1185+00.00 TO LT. STA. 1247+97.00
 RT. STA. 1185+00.00 TO RT. STA. 1248+05.00
 STA. 1254+75.00 TO STA. 1314+63.99
 STATION EQUATION STA. 1314+63.99 BK. = STA. 0+00.00 AH.
 STA. 0+00.00 TO STA. 9+00.00
 STA. 50+00.00 TO STA. 69+95.99
 STATION EQUATION STA. 69+95.99 BK. = STA. 70+03.00 AH.
 STA. 70+03.00 TO STA. 79+37.00



DETAIL "A"

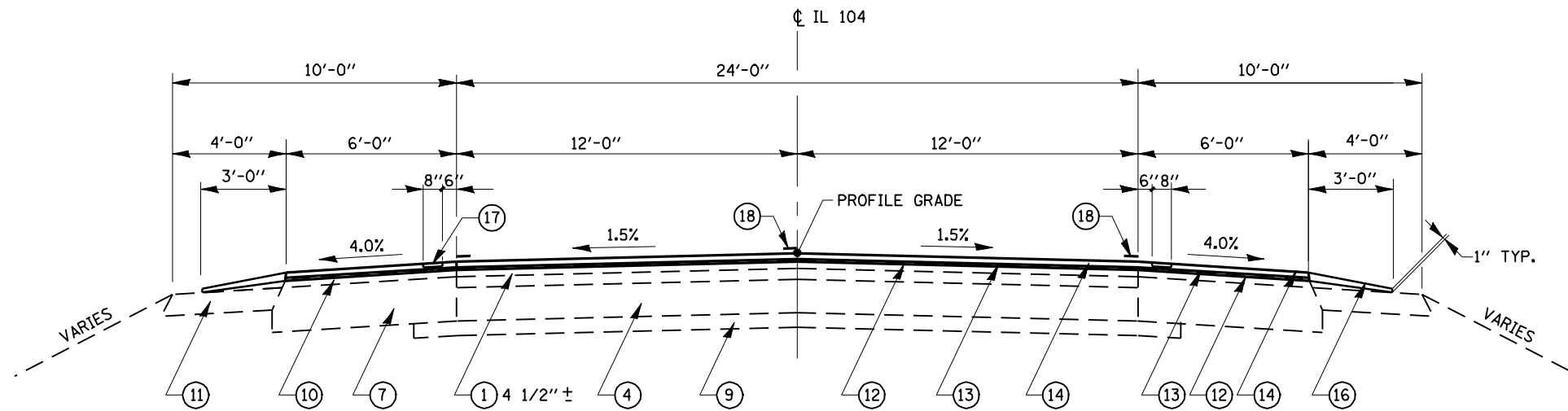
LT. STA. 1202+96 TO LT. STA. 1208+34 APPROXIMATE
LIMITS OF RIGHT TURN LANE & POWER
PLANT ENT. AT LT. STA. 1204+76

**P.I. STA. 65+00.71
FULL S.E. = 3.17%
STA. 60+19.30 TO STA. 69+69.27
S.E. TRANSITION:
STA. 59+00.00 TO STA. 60+19.30
STA. 69+69.27 TO STA. 70+60.03

**P.I. STA. 75+92.22
FULL S.E. = 2.63%
STA. 71+30.34 TO STA. 81+16.29
S.E. TRANSITION:
STA. 70+60.03 TO STA. 71+30.34
STA. 81+16.29 TO STA. 81+54.63

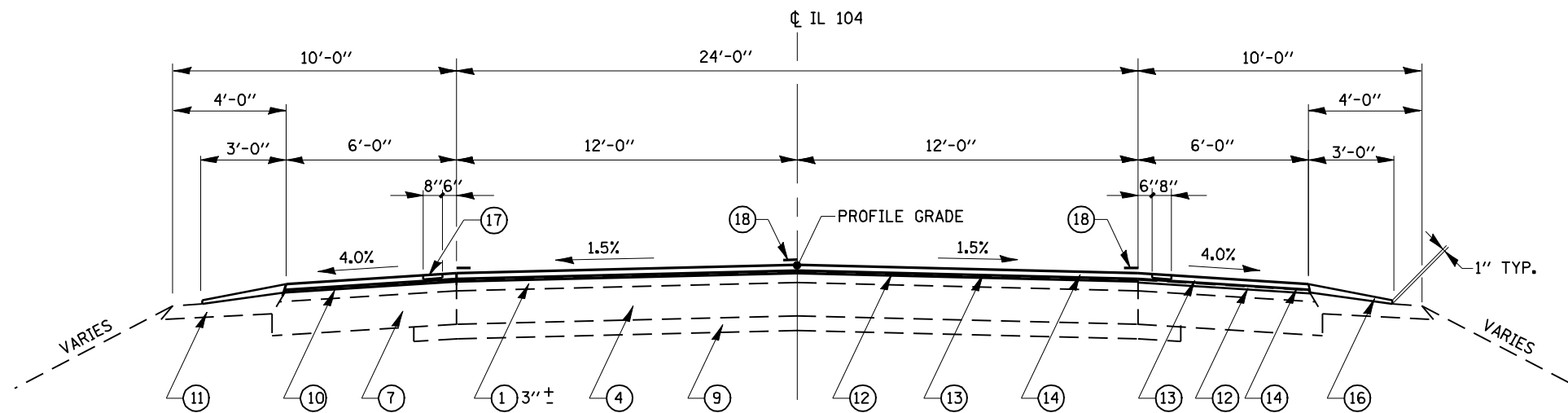
CHRISTIAN COUNTY

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
es:\pwork\pwork\LAUGHLINRL\0122712\0672062-sh-typical.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	753	141RS-6&142RS-6	62	7
PLOT SCALE = 7.8488' / IN.		CHECKED -	REVISED -		CONTRACT NO. 72B13								
PLOT DATE = Feb-05-2010 11:45:32AM		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



TYPICAL SECTION #8

STA. 11107+13.67 TO STA. 1108+30.24
 STA. 1109+82.11 TO STA. 1111+40.20
 STA. 1175+41.58 TO STA. 1176+74.44
 STA. 1178+45.56 TO STA. 1179+68.11
 STA. 1249+19.65 TO STA. 1250+67.31
 STA. 1252+02.64 TO STA. 1253+19.57
 STA. 39+32.17 TO STA. 39+98.83
 STA. 41+91.17 TO STA. 42+55.81



TYPICAL SECTION #7

STA. 1105+85.00 TO STA. 1107+13.67
 LT. STA. 1111+40.20 TO LT. STA. 1112+49.00
 RT. STA. 1111+40.20 TO RT. STA. 1112+66.00
 STA. 1173+97.50 TO STA. 1175+41.58
 LT. STA. 1179+68.11 TO LT. STA. 1180+59.50
 RT. STA. 1179+68.11 TO RT. STA. 1180+49.50
 LT. STA. 1247+97.00 TO LT. STA. 1249+19.65
 RT. STA. 1248+05.00 TO RT. STA. 1249+19.65
 STA. 1253+19.57 TO STA. 1253+87.50
 LT. STA. 37+98.00 TO LT. STA. 39+32.17
 RT. STA. 37+69.00 TO RT. STA. 39+32.17
 STA. 42+55.81 TO STA. 43+87.00

LEGEND

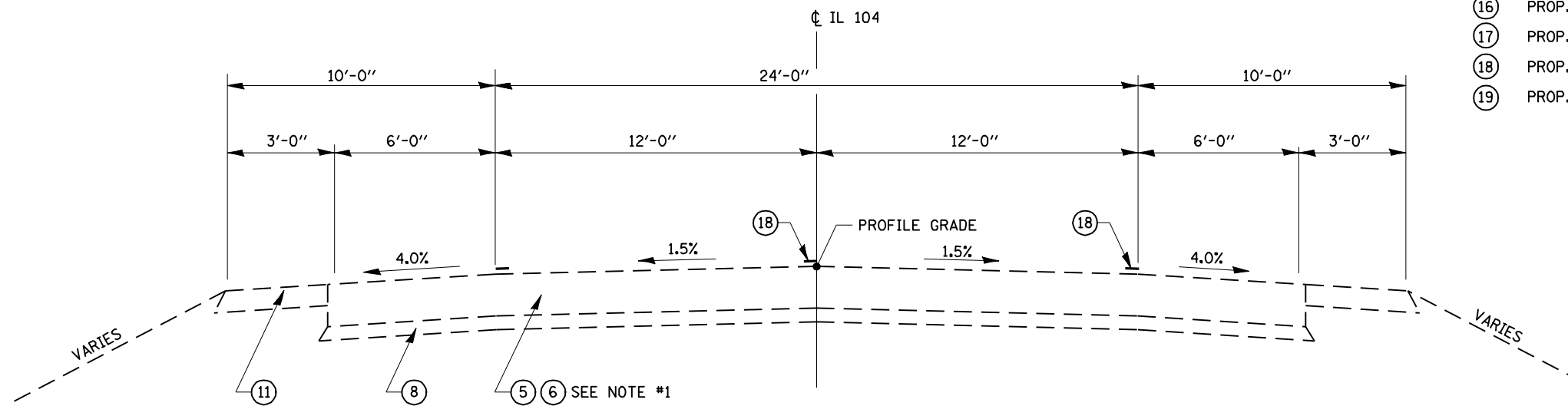
- ① EXIST. HMA OVERLAY
- ② EXIST. 9-6-9 PCC PAVEMENT
- ③ EXIST. PCC BASE COURSE WIDENING 9"
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- ⑮ PROP. HMA SHOULDERS 6"
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- ⑰ PROP. RUMBLE STRIP
- ⑱ PROP. PAVEMENT MARKING 5"
- ⑲ PROP. EXCAVATING AND GRADING EXISTING SHOULDERS

CHRISTIAN COUNTY

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
er:\pwork\pwork\LAUGHLINRL\0122712\0672062-sh-typical.dgn		DRAWN -	REVISED -		753	141RS-6&142RS-6	*	62	8			
PLOT SCALE = 7.8488' / IN.		CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 72B13				
PLOT DATE = Feb-05-2010 11:45:34AM		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

LEGEND

- ① EXIST. HMA OVERLAY
- ② EXIST. 9-6-9 PCC PAVEMENT
- ③ EXIST. PCC BASE COURSE WIDENING 9"
- ④ EXIST. PCC BASE COURSE (9")
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- ⑰ PROP. RUMBLE STRIP
- ⑱ PROP. PAVEMENT MARKING 5"
- ⑲ PROP. EXCAVATING AND GRADING EXISTING SHOULDERS



TYPICAL SECTION #9

STA. 1108+30.24 TO STA. 1108+60.26
 SN 011-0019 OMISSION STA. 1108+60.26 TO STA. 1109+52.11
 STA. 1109+52.11 TO STA. 1109+82.11
 STA. 1176+74.44 TO STA. 1177+04.46
 SN 011-0020 OMISSION STA. 1177+04.46 TO STA. 1178+15.54
 STA. 1178+15.54 TO STA. 1178+45.56
 STA. 1250+67.31 TO STA. 1250+97.37
 SN 011-0021 OMISSION STA. 1250+97.37 TO STA. 1251+72.63
 STA. 1251+72.63 TO STA. 1252+02.64
 STA. 39+98.83 TO STA. 40+28.83
 SN 011-0022 OMISSION STA. 40+28.83 TO STA. 41+61.17
 STA. 41+61.17 TO STA. 41+91.17

NOTES

1. SEE BRIDGE APPROACH PAVEMENT REPAIR DETAIL SHEETS FOR REPAIRS TO BRIDGE APPROACH PAVEMENT

CHRISTIAN COUNTY

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
er:\pwork\pwork\LAUGHLINRL\0122712\0672062-sh-typical.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	753	141RS-6&142RS-6	•	62	9
		CHECKED -	REVISED -		CONTRACT NO. 72B13									
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT									

PAVEMENT SCHEDULE

LOCATION		LENGTH (FT)	WIDTH (FT)	HOT-MIX ASPHALT SURF. REM. BUTT-JOINT (SQ YD)	HOT-MIX ASPHALT SURF. REM. 2" (SQ YD)	HOT-MIX ASPHALT SURF. REM. (VAR. DEPTH) (SQ YD)	SHOULDER WIDTH (RT. & LT.) (FT)	SHOULDER AREA (SQ YD)	LEVELING BINDER (MM) N70 (3/4") (TON)	HMA SURF. COURSE MIX "D" N70 (1 1/2") (TON)	HMA SURF. COURSE MIX "D" N70 (2") (TON)	LEVELING BINDER (MM) N50 (3/4") (TON)	HMA SURF. COURSE MIX "C", N50 (1 1/2") (TON)	INCIDENTAL HMA SURFACE (TON)	BIT. MAT. PRIME CT. (TON)	AGG. PRIME CT. (TON)
STATION TO STATION																
FAP 753 (IL 104)																
STA. 935+65.00	TO	STA. 937+02.10	137.10	30		457.0	6	91.4					51.2		0.21	1.10
STA. 937+02.10	TO	STA. 982+05.00	4,502.90	26		13008.5						1457			4.94	26.02
STA. 982+05.00	TO	STA. 987+86.25	581.25	44.5	173.0	2700.9	20.5	1324.0	120.8	241.6					1.60	8.40
BRIDGE OMISSION STA 987+86.25 TO STA 989+93.75																
STA. 989+93.75	TO	STA. 992+00.00	206.25	44.5	173.0	846.7			42.8	85.7					0.39	2.04
STA. 992+00.00	TO	STA. 996+50.00	450.00	44.5			20.5	1025.0	93.6	187.0					1.24	6.50
STA. 996+50.00	TO	STA. 997+00.00	50.00	32			8	44.4	7.5	15					0.08	0.44
STATION EQUATION 997+00.00 BK = 996+73.13 AH																
STA. 996+73.13	TO	STA. 1000+00.00	326.87	32			8	290.6	48.8	97.6					0.55	2.91
STA. 1000+00.00	TO	STA. 1095+05.45	9,505.45	32			8	8449.3				1419.5	2839.0		16.05	84.49
SIDEROADS																
13 TH ST		STA. 936+91.00 LT	10.00 VAR 69.00 -41.0		61.1									6.42	0.02	0.12
13 TH ST		STA. 937+12.00 RT	23.50 VAR 72.00 -30.0		133.2									13.98	0.05	0.27
12 TH ST		STA. 941+28.00 LT	10.00 VAR 69.00 -39.0		60.0									6.30	0.02	0.12
12 TH ST		STA. 941+28.00 RT	10.00 VAR 71.00 -39.0		61.1									6.42	0.02	0.12
11 TH ST		STA. 945+49.00 LT	10.00 VAR 69.00 -37.0		58.9									6.18	0.02	0.12
11 TH ST		STA. 945+49.00 RT	10.00 VAR 63.00 -39.0		56.7									5.95	0.02	0.11
10 TH ST		STA. 949+55.00 LT	10.00 VAR 70.00 -40.0		61.1									6.42	0.02	0.12
10 TH ST		STA. 949+55.00 RT	10.00 VAR 72.00 -37.0		60.6									6.36	0.02	0.12
9 TH ST		STA. 954+91.00 LT	10.00 VAR 67.00 -39.0		58.9									6.18	0.02	0.12
9 TH ST		STA. 954+91.00 RT	10.00 VAR 72.00 -37.0		60.6									6.36	0.02	0.12
8 TH ST		STA. 959+72.00 LT	10.00 VAR 72.00 -39.0		61.7									6.48	0.02	0.12
8 TH ST		STA. 959+72.00 RT	10.00 VAR 69.00 -38.0		59.4									6.24	0.02	0.12
7 TH ST		STA. 963+03.00 LT	10.00 VAR 70.00 -37.5		59.7									6.27	0.02	0.12
7 TH ST		STA. 963+03.00 RT	10.00 VAR 63.00 -37.5		55.8									5.86	0.02	0.11
6 TH ST		STA. 965+74.00 LT	10.00 VAR 39.00 -39.0		43.3									4.55	0.02	0.09
6 TH ST		STA. 965+74.00 RT	10.00 VAR 63.00 -36.5		55.3									5.80	0.02	0.11
5 TH ST		STA. 969+66.00 LT	10.00 VAR 72.00 -38.0		61.1									6.42	0.02	0.12
5 TH ST		STA. 969+66.00 RT	10.00 VAR 69.00 -39.0		60.0									6.30	0.02	0.12
4 TH ST		STA. 975+12.00 LT	10.00 VAR 71.00 -42.0		62.8									6.59	0.02	0.13
4 TH ST		STA. 975+12.00 RT	10.00 VAR 66.00 -38.5		58.1									6.10	0.02	0.12
P. E.		STA. 997+82.00 LT	8.0 VAR 32.00 -24.0		24.9									2.61	0.01	0.05
M. B.		STA. 997+82.00 LT	8.0 VAR 32.00 -14.0		20.4									2.15	0.01	0.04
C. E.		STA. 1000+10.00 RT	10.0 VAR 66.00 -56.0		38.0									4.00	0.01	0.08
C. E.		STA. 1000+69.00 RT	10.0 VAR 60.00 -50.0		34.0									3.60	0.01	0.07
COTTON HILL RD		STA. 1001+74.00 LT	10.00 VAR 56.00 -41.0		30.0									3.15	0.01	0.06
COTTON HILL RD		STA. 1001+74.00 RT	10.00 VAR 61.00 -41.0		31.3									3.30	0.01	0.06
M. B.		STA. 1055+25.00 RT	8.0 AR 102.00 -76.0		34.7									3.60	0.01	0.07
TOTAL					1,809	17,013.1	37,362		313.5	626.8	1,508	1,419.5	2,839.0	154	25.6	134.9

SANGAMON COUNTY

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pwwork\p\WIDOT\LAUGHLINRL\0122712\0672062-ah-t-schedule.dgn		DRAWN -	REVISED -		753	141RS-6&142RS-6	*	62	10				
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO. 72B13				
PLOT DATE = Feb-05-2010 11:45:38AM		DATE -	REVISED -						ILLINOIS FED. AID PROJECT * SANGAMON, CHRISTIAN				

TEMPORARY RAMPS

LOCATION STATION	DESCRIPTION	WIDTH (FT)	AREA (SQ YD)
SIDE ROADS			
Sta 936+91.00 LT	13 TH ST	41.0	23.0
Sta 937+12.00 RT	13 TH ST	30.0	17.0
Sta 941+28.00 LT	12 TH ST	39.0	22.0
Sta 941+28.00 RT	12 TH ST	39.0	22.0
Sta 945+49.00 LT	11 TH ST	37.0	21.0
Sta 945+49.00 RT	11 TH ST	39.0	22.0
Sta 949+55.00 LT	10 TH ST	40.0	22.0
Sta 949+55.00 RT	10 TH ST	37.0	21.0
Sta 954+91.00 LT	9 TH ST	39.0	22.0
Sta 954+91.00 RT	9 TH ST	37.0	21.0
Sta 959+72.00 LT	8 TH ST	39.0	22.0
Sta 959+72.00 RT	8 TH ST	38.0	21.0
Sta 963+03.00 LT	7 TH ST	37.5	21.0
Sta 963+03.00 RT	7 TH ST	37.5	21.0
Sta 965+74.00 LT	6 TH ST	39.0	22.0
Sta 965+74.00 RT	6 TH ST	36.5	20.5
Sta 969+66.00 LT	5 TH ST	38.0	21.0
Sta 969+66.00 RT	5 TH ST	39.0	22.0
Sta 975+12.00 LT	4 TH ST	42.0	23.5
Sta 975+12.00 RT	4 TH ST	38.5	21.5
Sta 1001+74.00 LT	COUNTY RD	41.0	23.0
Sta 1001+74.00 RT	COUNTY RD	41.0	23.0
IL 104			
STA. 935+65.00 TO STA. 935+71.50	BUTT JOINT	6.5	4.0
STA. 987+51.25 TO STA. 987+86.25	BUTT JOINT	45.0	25.0
STA. 989+93.75 TO STA. 990+28.25	BUTT JOINT	45.0	25.0
		TOTAL	528.5

MANHOLES TO BE ADJUSTED

LOCATION	OFFSET	QUANTITY
STA. 969+84.0	LT	1
STA. 975+15.0	LT	1
TOTAL		2

WATER VALVES TO BE ADJUSTED

LOCATION	OFFSET	QUANTITY
STA. 969+88.0	LT	1
TOTAL		1

AGGREGATE SHOULDERS TYPE B

LOCATION STATION TO STATION		LENGTH (FT)	WIDTH (FT)	(TONS)
IL (104)				
STA. 935+65.00 TO STA. 937+02.10	LEFT & RIGHT	137.10	3.00	16.0
STA. 982+05.00 TO STA. 987+86.25	LEFT & RIGHT	581.25	2.00	44.0
BRIDGE OMISSION STA 987+86.25 TO STA 989+93.75				
STA. 989+93.75 TO STA. 996+50.00	LEFT & RIGHT	656.25	2.00	50.0
STA. 996+50.00 TO STA. 997+00.00	LEFT & RIGHT	50.00	3.00	6.0
STATION EQUATION 997+00.00 BK = 996+73.13 AH				
STA. 996+73.13 TO STA. 1095+05.45	LEFT & RIGHT	9832.32	3.00	1120.0
TOTAL				1236.0

COMBINATION CONCRETE CURB & GUTTER SCHEDULE

LOCATION			COMB. CONC. CURB & GUTTER REMOVAL (FT)	COMB. CONC. CURB & GUTTER TYPE B-6.24 (FT)	SUB-BASE GRANULAR MAT. TYPE A, 6" (SQ YD)
STATION	TO	STATION			
FAP 753 (IL 104)					
STA. 937+29.52 RT	TO	STA. 940+94.45 RT	364	364	145
STA. 949+06.82 LT	TO	STA. 949+43.48 LT	43	43	17
STA. 949+69.19 LT	TO	STA. 949+99.89 LT	42	42	17
TOTAL			449	449	179

DRIVEWAY SCHEDULE

LOCATION	CONCRETE DRIVEWAY REMOVAL (SQ. YD)	PORTLAND CEMENT CONCRETE DRIVEWAY, 6 INCH (SQ. YD)	PORTLAND CEMENT CONCRETE DRIVEWAY, 8 INCH (SQ. YD)
CE STA. 938+00.00 RT.	36.50		41
PE STA. 938+35.00 RT.	12.00	13.50	
PE STA. 938+73.00 RT.	-	14.00	
PE STA. 939+29.00 RT.	7.00	13.00	
PE STA. 940+67.00 RT.	13.5	16.50	
TOTAL	69.00	57.00	41

SANGAMON COUNTY

PAVEMENT MARKING								
LOCATION				LENGTH	SPACING	PAINT PAVEMENT MARKING - LINE 5"	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 5" (FT)	
STATION TO STATION		DESCRIPTION		(FT)		(FT)		
IL (104)		YELLOW						
STA. 935+65.00	TO STA. 997+00.00	-	SKIP - DASH (CENTER)	6135.0	10' @ 40'		1534	
STA. 993+20.00	TO STA. 997+00.00	-	EAST BOUND NPZ	380.0	SOLID	380		
STATION EQUATION 997+00.00 BK = 996+73.13 AH								
STA. 996+73.13	TO STA. 1095+05.45	-	SKIP - DASH (CENTER)	9832.3	10' @ 40'	2458		
STA. 996+73.13	TO STA. 1003+60.00	-	EAST BOUND NPZ	686.9	SOLID	687		
STA. 1003+60.00	TO STA. 1010+00.00	-	WEST BOUND NPZ	640.0	SOLID	640		
WHITE								
STA. 935+65.00	TO STA. 937+06.00	LT & RT	SOLID (EDGE LINE)	141.0	-	282		
STA. 982+05.00	TO STA. 997+00.00	LT & RT	SOLID (EDGE LINE)	1495.0	-	2990		
STATION EQUATION 997+00.00 BK = 996+73.13 AH								
STA. 996+73.13	TO STA. 1095+05.45	LT & RT	SOLID (EDGE LINE)	9832.3	-	19665		
						TOTAL	27102	1534

ABBREVIATIONS
 N. P. Z. = NO PASSING ZONE

SHORT-TERM PAVEMENT MARKING							
LOCATION			LENGTH	SPACING	NUMBER OF APPLICATIONS	WORK ZONE PAVE MARK REM (SQ FT)	
STATION TO STATION		DESCRIPTION	(FT)				
IL (104)		YELLOW					
STA. 935+65.00	TO STA. 997+00.00	SKIP - DASH (CENTER)	6135.0	4' @ 40'	3	1841	
STATION EQUATION 997+00.00 BK = 996+73.13 AH							
STA. 996+73.13	TO STA. 1095+05.45	SKIP - DASH (CENTER)	9832.3	4' @ 40'	3	2950	
						TOTALS	4791

RAISED REFLECTIVE PAVEMENT MARKERS SCHEDULE			
LOCATION	LENGTH	TWO-WAY AMBER	REMOVAL
STATION TO STATION	(FT)	(EACH)	(EACH)
IL 104			
STA. 935+65.00	TO STA. 987+86.25	5221.25	66
BRIDGE OMISSION STA 987+86.25 TO STA 989+93.75			
STA. 989+93.75	TO STA. 997+00.00	706.25	9
STATION EQUATION 997+00.00 BK = 996+73.13 AH			
STA. 996+73.13	TO STA. 1095+05.45	9832.32	123
		TOTALS	198

SHOULDER RUMBLE STRIP					
LOCATION				LENGTH	
STATION TO STATION				(FT)	
IL (104)					
STA. 1002+02.00	TO	STA. 1095+05.45	LEFT	9303.5	
STA. 1002+05.00	TO	STA. 1095+05.45	RIGHT	9300.5	
				TOTAL	18604

SANGAMON COUNTY

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
es:\pwwork\PWIDOT\LAUGHLINRL\0122712\0672062-shr-schedule.dgn		DRAWN -	REVISED -			753	141RS-6&142RS-6	*	62	12	
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 72B13					
PLOT DATE = Feb-05-2010 11:45:43AM		DATE -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.

PAVEMENT SCHEDULE

LOCATION			LENGTH (FT)	PAVEMENT WIDTH (FT)		SHOULDER WIDTH (FT)		HOT-MIX ASPHALT SURF. REM. BUTT-JOINT (SQ YD)	HOT-MIX ASPHALT SURF. REM. (VAR. DEPTH) (SQ YD)		LEVEL BINDER (MM) N50 (3/4") (TON)	HMA SURFACE COURSE MIX "C" N50 (1 1/2") (TON)	HOT-MIX ASPHALT SHOULDERS (6") (SQ YD)	AGGREGATE SHOULDERS, TYPE B (TON)	BIT. MAT. PRIME CT. (TON)	AGG. PRIME CT. (TON)	EXCAVATING AND GRADING EXISTING SHOULDERS UNIT			
STATION	TO	STATION		AGGREGATE	BITUMINOUS	PAVEMENT	SHOULDER													
FAP 753 (IL 104)																				
STA. 1095+05.45	TO	STA. 1105+85.00	RT & LT	1,079.55	VAR 24.00	-	24.00	3.0	4.0	233.33	3,720.64	-	120.91	241.82	863.2	110.14	1.46	5.76	21.59	
STA. 1105+85.00	TO	STA. 1108+30.24	RT & LT	245.24	VAR 24.00	-	24.00	3.0	6.0			-	332.1	41.20	82.40	-	27.93	0.37	1.31	-
BRIDGE OMISSION STA. 1108+30.24 TO STA. 1109+82.11																				
STA. 1109+82.11	LT	TO	STA. 1112+49.00	LT	266.9	VAR 24.00	-	24.00	3.0	6.0	280.00	17,659.60	180.7	22.42	44.84	-	15.20	0.20	0.71	-
STA. 1109+82.11	RT	TO	STA. 1112+66.00	RT	283.9	VAR 24.00	-	24.00	3.0	6.0			192.2	23.85	47.69	-	16.17	0.22	0.76	-
STA. 1112+49.00	LT	TO	STA. 1141+00.00	LT	2851	VAR 24.00	-	24.00	3.0	4.0			-	212.87	425.75	1251.1	160.07	1.93	7.60	28.51
STA. 1112+66.00	RT	TO	STA. 1141+00.00	RT	2834	VAR 24.00	-	24.00	3.0	4.0			-	211.61	423.21	1219.1	155.97	1.91	7.56	28.34
STA. 1141+00.00	TO	STA. 1173+97.50	RT & LT	3297.5	VAR 24.00	-	24.00	3.0	4.0	-			492.43	984.85	2931.1	375.55	4.46	17.59	65.95	
STA. 1173+97.50	TO	STA. 1176+74.44	RT & LT	276.9	VAR 24.00	-	24.00	3.0	6.0	-			375.0	46.53	93.05	-	31.54	0.42	1.48	-
BRIDGE OMISSION STA. 1176+74.44 TO STA. 1178+45.56																				
STA. 1178+45.56	TO	STA. 1179+68.11	RT & LT	122.55	VAR 24.00	-	24.00	3.0	6.0	280.00	19,788.60	166.0	20.59	41.18	-	13.96	0.19	0.65	-	
STA. 1179+68.11	LT	TO	STA. 1180+59.50	LT	91.39	VAR 24.00	-	24.00	3.0			6.0	61.9	7.68	15.35	-	5.20	0.07	0.24	-
STA. 1179+68.11	RT	TO	STA. 1180+49.50	RT	81.39	VAR 24.00	-	24.00	3.0			6.0	55.1	6.84	13.67	-	4.63	0.06	0.22	-
STA. 1180+59.50	LT	TO	STA. 1247+97.00	LT	6737.5	VAR 24.00	-	24.00	3.0			4.0	-	503.07	1,006.13	2922.0	373.70	4.55	17.97	67.38
STA. 1180+49.50	RT	TO	STA. 1248+05.00	RT	6755.5	VAR 24.00	-	24.00	3.0			4.0	-	504.41	1,008.82	2913.1	372.56	4.56	18.01	67.56
STA. 1247+97.00	LT	TO	STA. 1249+19.65	LT	122.65	VAR 24.00	-	24.00	3.0			6.0	83.0	10.30	20.61	-	6.98	0.09	0.33	-
STA. 1248+05.00	RT	TO	STA. 1249+19.65	RT	114.65	VAR 24.00	-	24.00	3.0			6.0	77.6	9.63	19.26	-	6.53	0.09	0.31	-
STA. 1249+19.65	TO	STA. 1250+67.31	RT & LT	147.66	VAR 24.00	-	24.00	3.0	6.0			-	200.0	24.81	49.61	-	16.82	0.22	0.79	-
BRIDGE OMISSION STA. 1250+67.31 TO STA. 1252+02.64																				
STA. 1252+02.64	TO	STA. 1253+87.50	RT & LT	184.86	VAR 24.00	-	24.00	3.0	6.0	140.00	16,603.60	250.3	31.06	62.11	-	21.05	0.28	0.99	-	
STA. 1253+87.50	TO	STA. 1314+63.99	RT & LT	6,076.49	VAR 24.00	-	24.00	3.0	4.0			-	907.42	1,814.85	5366.7	687.38	8.21	32.41	121.53	
STATION EQUATION STA. 1314+63.99 BK. = STA. 0+00.00 AH.																				
STA. 0+00.00	TO	STA. 9+00.00	RT & LT	900.00	VAR 24.00	-	24.00	3.0	4.0	140.00	10,570.20	-	134.40	268.80	704.0	89.52	1.22	4.80	18.00	
STA. 9+00.00	LT	TO	STA. 37+98.00	LT	2898	VAR 24.00	-	24.00	3.0			4.0	-	216.38	432.77	1265.3	161.89	1.96	7.73	28.98
STA. 9+00.00	RT	TO	STA. 37+69.00	RT	2869	VAR 24.00	-	24.00	3.0			4.0	-	214.22	428.44	1232.0	157.62	1.94	7.65	28.69
STA. 37+98.00	LT	TO	STA. 39+32.17	LT	134.17	VAR 24.00	-	24.00	3.0			6.0	90.8	11.27	22.54	-	7.64	0.10	0.36	-
STA. 37+69.00	RT	TO	STA. 39+32.17	RT	163.17	VAR 24.00	-	24.00	3.0			6.0	110.5	13.71	27.41	-	9.29	0.12	0.44	-
STA. 39+32.17	TO	STA. 39+98.83	RT & LT	66.66	VAR 24.00	-	24.00	3.0	6.0			90.3	11.20	22.40	-	7.59	0.10	0.36	-	
BRIDGE OMISSION STA. 39+98.83 TO STA. 41+91.17																				
STA. 41+91.17	TO	STA. 43+87.00	RT & LT	195.83	VAR 24.00	-	24.00	3.0	6.00	140.00	7,389.20	265.2	32.90	65.80	-	22.30	0.30	1.04	-	
STA. 43+87.00	TO	STA. 69+95.99	RT & LT	2608.99	VAR 24.00	-	24.00	3.0	4.00			-	389.61	779.22	2255.6	288.08	1.76	13.91	52.18	
STATION EQUATION STA. 69+95.99 BK. = STA. 70+03.00 AH.																				
STA. 70+03.00	TO	STA. 79+72.00	RT & LT	969.00	VAR 24.00	-	24.00	3.0	4.00	93.33	2,490.70	-	144.70	289.41	861.3	110.36	0.65	5.17	19.38	
SUBTOTALS											78,222.54	2,530.72								
TOTALS									1,306.66	80,753.26	4,423.82	8,847.65	23784.5	3255.67	37.45	156.12	548.08			

NOTE: BRIDGE OMISSION FOR THIS SCHEDULE INCLUDES LIMITS OF BRIDGE APPROACH PAVEMENT

STA. 1178+45.56 TO STA. 1250+67.31 INCLUDES QUANTITIES FOR RIGHT TURN LANE APPROXIMATE FROM STA. 1202+96 TO STA. 1208+34 AT POWER PLANT

CHRISTIAN COUNTY

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pwork\PWIDOT\LAUGHLINRL\0122712\0672062-ah-t-schedule.dgn		DRAWN -	REVISED -						753	141RS-6&142RS-6	*	62	13
PLOT SCALE = 130.0000' / IN.		CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO. 72B13				
PLOT DATE = Feb-05-2010 11:45:45AM		DATE -	REVISED -						ILLINOIS FED. AID PROJECT				

TEMPORARY RAMPS					
LOCATION		DESCRIPTION	WIDTH (FT)	AREA (SQ YD)	
STATION	TO STATION				
FAP 753 (IL 104)					
STA. 1108+25.24	TO STA. 1108+30.24	BUTT JOINT	24.0	13.3	
STA. 1109+82.11	TO STA. 1109+87.11	BUTT JOINT	24.0	13.3	
STA. 1176+69.44	TO STA. 1176+74.44	BUTT JOINT	24.0	13.3	
STA. 1178+45.56	TO STA. 1178+50.56	BUTT JOINT	24.0	13.3	
STA. 1250+62.31	TO STA. 1250+67.31	BUTT JOINT	24.0	13.3	
STA. 1252+02.64	TO STA. 1252+07.64	BUTT JOINT	24.0	13.3	
STA. 39+93.83	TO STA. 39+98.83	BUTT JOINT	24.0	13.3	
STA. 41+91.17	TO STA. 41+96.17	BUTT JOINT	24.0	13.3	
STA. 79+67.00	TO STA. 79+72.00	BUTT JOINT	24.0	13.3	
SIDE ROADS					
STA. 1094+93.21 RT.		ZENOBIA RD, 6E	50.0	27.8	
STA. 1095+05.45 LT.		CARDINAL HILL RD, 6E	50.0	27.8	
STA. 1187+73.77 RT.		SICILY RD, 175E	40.0	22.2	
STA. 1187+74.00 LT.		C.E.	30.0	16.7	
STA. 1198+60.50 RT.		C.E.	30.0	16.7	
STA. 1198+60.50 LT.		C.E.	30.0	16.7	
STA. 1204+76.00 LT.		C.E./TURNLANE	30.0	16.7	
STA. 1214+05.00 LT.		C.E.	30.0	16.7	
STA. 1227+85.90 RT.		250E	50.0	27.8	
STA. 1254+26.00 LT.		BOAT RAMP	50.0	27.8	
STA. 0+04.78 LT.		430E	40.0	22.2	
STA. 0+04.78 RT.		430E	40.0	22.2	
STA. 26+45.87 RT.		TOVEY RD, 465E	50.0	27.8	
		TOTAL		409.0	

GUARDRAIL SCHEDULE							
LOCATION		GUARDRAIL REMOVAL (FOOT)	STEEL PLATE BEAM GUARDRAIL TYPE A, 6' POSTS (FOOT)	TRAFFIC BARRIER TERMINAL TYPE 1 SPL (TANGENT) (EACH)	TRAFFIC BARRIER TERMINAL TYPE 6A (EACH)	GUARDRAIL MKR TYPE A (EACH)	TERM DIRECT MARKER APPLIED (EACH)
STATION	TO STATION						
FAP 753 (IL 104)							
SN011-0019							
RT.STA. 1106+16.01	TO RT.STA. 1108+59.76	279.50	150.00	1.00	1.00	4.00	1.00
LT.STA. 1107+03.51	TO LT.STA. 1108+59.76	153.50	62.50	1.00	1.00	4.00	1.00
LT.STA. 1109+52.59	TO STA. 1111+96.34	278.00	150.00	1.00	1.00	4.00	1.00
RT.STA. 1109+52.59	TO STA. 1111+08.84	152.50	62.50	1.00	1.00	4.00	1.00
SN011-0020							
RT.STA. 1174+60.21	TO RT.STA. 1177+03.96	277.50	150.00	1.00	1.00	4.00	1.00
LT.STA. 1175+47.71	TO LT.STA. 1177+03.96	153.00	62.50	1.00	1.00	4.00	1.00
LT.STA. 1178+16.04	TO LT.STA. 1180+59.79	278.00	150.00	1.00	1.00	4.00	1.00
RT.STA. 1178+16.04	TO RT.STA. 1179+72.29	152.00	62.50	1.00	1.00	4.00	1.00
SN011-0021							
RT.STA. 1248+53.12	TO RT.STA. 1250+96.87	278.00	150.00	1.00	1.00	4.00	1.00
LT.STA. 1249+40.62	TO LT.STA. 1250+96.87	152.50	62.50	1.00	1.00	4.00	1.00
LT.STA. 1251+73.13	TO LT.STA. 1253+79.38	203.50	112.50	1.00	1.00	4.00	1.00
RT.STA. 1251+73.13	TO RT.STA. 1253+29.38	152.50	62.50	1.00	1.00	4.00	1.00
SN011-0022							
RT.STA. 37+84.58	TO RT.STA. 40+28.33	290.50	150.00	1.00	1.00	4.00	1.00
LT.STA. 38+72.08	TO LT.STA. 40+28.33	152.00	62.50	1.00	1.00	4.00	1.00
LT.STA. 41+61.67	TO LT.STA. 44+05.42	277.50	150.00	1.00	1.00	4.00	1.00
RT.STA. 41+61.67	TO RT.STA. 43+17.92	152.50	62.50	1.00	1.00	4.00	1.00
	TOTAL	3383.0	1662.5	16.0	16.0	64.0	16.0

SHOULDER RUMBLE STRIP				
LOCATION		LOCATION	LENGTH (FT)	
STATION	TO STATION			
FAP 753 (IL 104)				
STA. 1095+05.45	TO STA. 1108+30.24	LT. & RT.	2,389.58	
BRIDGE OMISSION STA. 1108+30.24 TO STA. 1109+82.11				
STA. 1109+82.11	TO STA. 1176+74.44	LT. & RT.	13,249.66	
BRIDGE OMISSION STA. 1176+74.44 TO STA. 1178+45.56				
STA. 1178+45.56	TO STA. 1250+67.31	LT. & RT.	13,517.50	
BRIDGE OMISSION STA. 1250+67.31 TO STA. 1252+02.64				
STA. 1252+02.64	TO STA. 1314+63.99	LT. & RT.	12,440.70	
STATION EQUATION STA. 1314+63.99 BK. = STA. 0+00.00 AH.				
STA. 0+00.00	TO STA. 39+98.83	LT. & RT.	7,613.66	
BRIDGE OMISSION STA. 39+98.83 TO STA. 41+91.17				
STA. 41+91.17	TO STA. 69+95.99	LT. & RT.	5,450.64	
STATION EQUATION STA. 69+95.99 BK. = STA. 70+03.00 AH.				
STA. 70+03.00	TO STA. 79+72.00	LT. & RT.	1,903.00	
	TOTAL		56,564.74	

TRAFFIC CONTROL PAVEMENT MARKING				
	**TEMP. STAGING PAVEMENT MARKING (FOOT)		PAVEMENT MARKING REMOVAL (FOOT)	
	STAGE 1	STAGE 2	STAGE 1	STAGE 2
S.N. 011-0019	790	789.5	790	789.5
S.N. 011-0020	789.5	788.5	789.5	788.5
S.N. 011-0021	689.5	688.5	689.5	688.5
S.N. 011-0022	916	925.5	916	925.5
SUB-TOTAL	3185	3192	3185	3192
TOTAL	6377		6377	

**THESE QUANTITIES ARE INCLUDED IN LUMP SUM PAY ITEMS FOR TRAFFIC CONTROL & PROTECTION STANDARD 701316. THEY ARE INCLUDED IN THE SCHEDULE FOR THE CONVENIENCE OF BIDDERS. THEY ARE SUBJECT TO CHANGED DUE TO FIELD CONDITIONS AND JUDGEMENT OF THE ENGINEER.

RAISED REFLECTIVE PAVEMENT MARKERS SCHEDULE						
LOCATION			LOCATION	LENGTH (FT)	TWO-WAY AMBER (EACH)	REMOVAL (EACH)
STATION	TO	STATION				
FAP 753 (IL 104)						
STA. 1095+05.45	TO	STA. 1108+30.26	LT. & RT.	1,324.81	17	17
BRIDGE OMISSION STA. 1108+30.26 TO STA. 1109+82.11						
STA. 1109+82.11	TO	STA. 1176+74.46	LT. & RT.	6,692.35	84	84
BRIDGE OMISSION STA. 1176+74.46 TO STA. 1178+45.54						
STA. 1178+45.54	TO	STA. 1250+67.37	LT. & RT.	7,221.83	91	91
BRIDGE OMISSION STA. 1250+67.37 TO STA. 1252+02.63						
STA. 1252+02.63	TO	STA. 1314+63.99	LT. & RT.	6,261.36	79	79
STATION EQUATION STA. 1314+63.99 BK. = STA. 0+00.00 AH.						
STA. 0+00.00	TO	STA. 39+98.83	LT. & RT.	3,998.83	51	51
BRIDGE OMISSION STA. 39+98.83 TO STA. 41+91.17						
STA. 41+91.17	TO	STA. 69+95.99	LT. & RT.	2,804.82	36	36
STATION EQUATION STA. 69+95.99 BK. = STA. 70+03.00 AH.						
STA. 70+03.00	TO	STA. 79+72.00	LT. & RT.	969.00	13	13
		TOTALS		371	371	371

CHRISTIAN COUNTY

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pwork\PWIDOT\LAUGHLINRL\0122712\0672062-sh-t-schedule.dgn		DRAWN -	REVISED -					753	141RS-6&142RS-6	*	62	14
PLOT SCALE = 138.0000' / IN.		CHECKED -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 72B13	ILLINOIS FED. AID PROJECT	
PLOT DATE = Feb-05-2010 11:45:47AM		DATE -	REVISED -		* SANGAMON, CHRISTIAN							

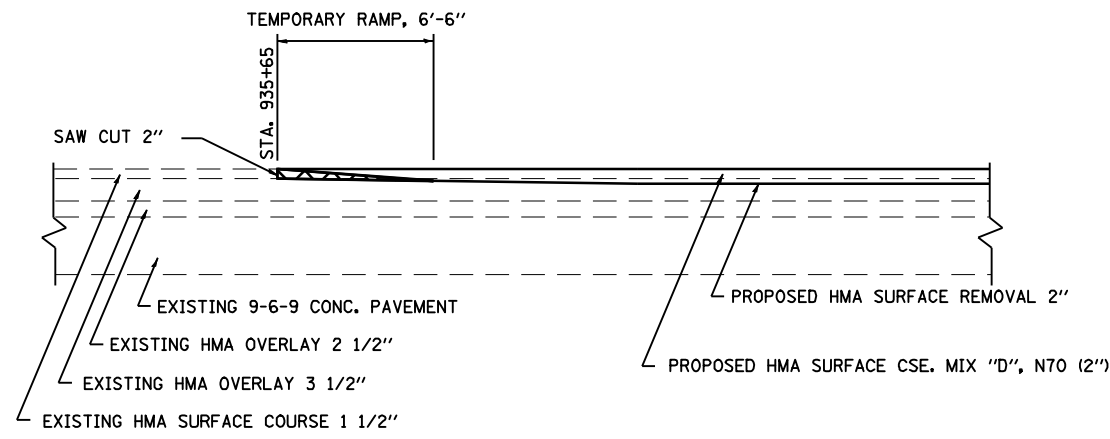
SIDE ROAD AND ENTRANCE SCHEDULE												
LOCATION		EXIST. SURF. TYPE	WIDTH ACROSS FRONT (FT)	WIDTH ACROSS BACK (FT)	LENGTH (FROM EOP TO LIMITS OF IMPROVEMENT) (FT)	PREPARATION OF BASE (SQ YD)	HOT-MIX ASPHALT SURF. REM. BUTT-JOINT (SQ YD)	INCIDENTAL BITUMINOUS SURFACE (TON)	BIT. MAT. PRIME CT. (TON)	AGG. PRIME CT. (TON)	AGGREGATE SURFACE COURSE (TON)	
S.R. OR ENT.	STATION											
ZENOBIA RD, 6E	STA. 1094+93.21 RT.	BIT.	75.0	55.0	10.0	-	72.22	6.07	0.03	0.14		
CARDINAL HILL RD, 6E	STA. 1095+05.45 LT.	BIT.	150.0	46.5	36.0	-	393.00	33.01	0.15	0.79		
C.E.	STA. 1115+31.00 RT.	AGG.	95.0	75.0	10.0	94.44	-	42.31	0.13	-	7.12	
P.E.	STA. 1134+75.00 LT.	AGG.	40.0	24.0	8.0	28.44	-	5.58	0.04	-	3.19	
SICILY RD, 175E	STA. 1187+73.77 RT.	BIT.	68.0	28.0	28.0	-	149.33	12.54	0.06	0.30		
C.E.	STA. 1187+74.00 LT.	BIT.	40.0	20.0	10.0	-	33.33	2.80	0.01	-		
C.E.	STA. 1198+60.50 RT.	BIT.	45.0	25.0	10.0	-	38.89	3.27	0.01	-		
C.E.	STA. 1198+60.50 LT.	BIT.	80.0	48.0	15.0	-	106.67	8.96	0.04	-		
C.E./TURNLANE	STA. 1204+76.00 LT.	BIT.	ENTRANCE ADJACENT TO RIGHT TURN LANE IN GOOD CONDITION, NO WORK REQUIRED									
C.E.	STA. 1214+05.00 LT.	BIT.	55.0	26.5	18.0	-	81.50	6.85	0.03	-		
250E	STA. 1227+85.90 RT.	BIT.	100.0	29.0	35.0	-	250.83	21.07	0.10	0.50		
BOAT RAMP	STA. 1254+26.00 LT.	BIT.	82.0	19.0	57.5	-	322.64	27.10	0.12	0.65		
430E	STA. 0+04.78 LT.	AGG.	56.0	36.0	10.0	51.11	-	22.90	0.07	0.10	3.42	
430E	STA. 0+04.78 RT.	BIT.	117.0	48.0	15.0	-	137.50	11.55	0.05	0.28		
C.E.	STA. 4+96.50 RT.	BIT.	55.0	35.0	10.0	-	50.00	4.20	0.02	-		
C.E.	STA. 26+45.50 LT.	BIT.	55.0	35.0	10.0	-	50.00	4.20	0.02	-		
TOVEY RD, 465E	STA. 26+45.87 RT.	BIT.	101.0	58.5	15.0	-	132.92	11.17	0.05	0.27		
ENT.	STA. 37+74.00 LT.	AGG.	-	-	-	-	-	-	-	-		
P.E.	STA. 53+45.00 LT.	AGG.	38.0	22.0	8.0	26.67	-	5.23	0.04	-	2.92	
P.E.	STA. 53+57.00 RT.	BIT.	43.0	23.0	10.0	-	36.67	3.08	0.01	-		
P.E.	STA. 54+96.00 RT.	BIT.	38.0	16.0	11.0	-	33.00	2.77	0.01	-		
P.E.	STA. 64+64.00 LT.	BIT.	40.0	24.0	8.0	-	28.44	2.39	0.01	-		
						TOTALS	201.00	1,916.94	237.03	1.01	3.02	16.65

SHORT-TERM PAVEMENT MARKING								
LOCATION		DESCRIPTION	LENGTH (FT)	SPACING	NUMBER OF APPLICATIONS	LENGTH (FT)	WORK ZONE PAVE. MARK. REM. (SQ FT)	
STATION	TO STATION							
FAP 753 (IL 104)		YELLOW						
STA. 1095+05.45	TO STA. 1108+30.24	SKIP - DASH (CENTER)	1324.79	4' @ 40'	3	397	44	
BRIDGE OMISSION STA. 1108+30.24 TO STA. 1109+82.11								
STA. 1109+82.11	TO STA. 1176+74.44	SKIP - DASH (CENTER)	6692.33	4' @ 40'	3	2008	223	
BRIDGE OMISSION STA. 1176+74.44 TO STA. 1178+45.56								
STA. 1178+45.56	TO STA. 1250+67.31	SKIP - DASH (CENTER)	7221.75	4' @ 40'	3	2167	241	
BRIDGE OMISSION STA. 1250+67.31 TO STA. 1252+02.64								
STA. 1252+02.64	TO STA. 1314+63.99	SKIP - DASH (CENTER)	6261.35	4' @ 40'	3	1878	209	
STATION EQUATION STA. 1314+63.99 BK. = STA. 0+00.00 AH.								
STA. 0+00.00	TO STA. 39+98.83	SKIP - DASH (CENTER)	3998.83	4' @ 40'	3	1200	133	
BRIDGE OMISSION STA. 39+98.83 TO STA. 41+91.17								
STA. 41+91.17	TO STA. 69+95.99	SKIP - DASH (CENTER)	2804.82	4' @ 40'	3	841	93	
STATION EQUATION STA. 69+95.99 BK. = STA. 70+03.00 AH.								
STA. 70+03.00	TO STA. 79+72.00	SKIP - DASH (CENTER)	969.00	4' @ 40'	3	291	32	
						TOTALS	8782	976

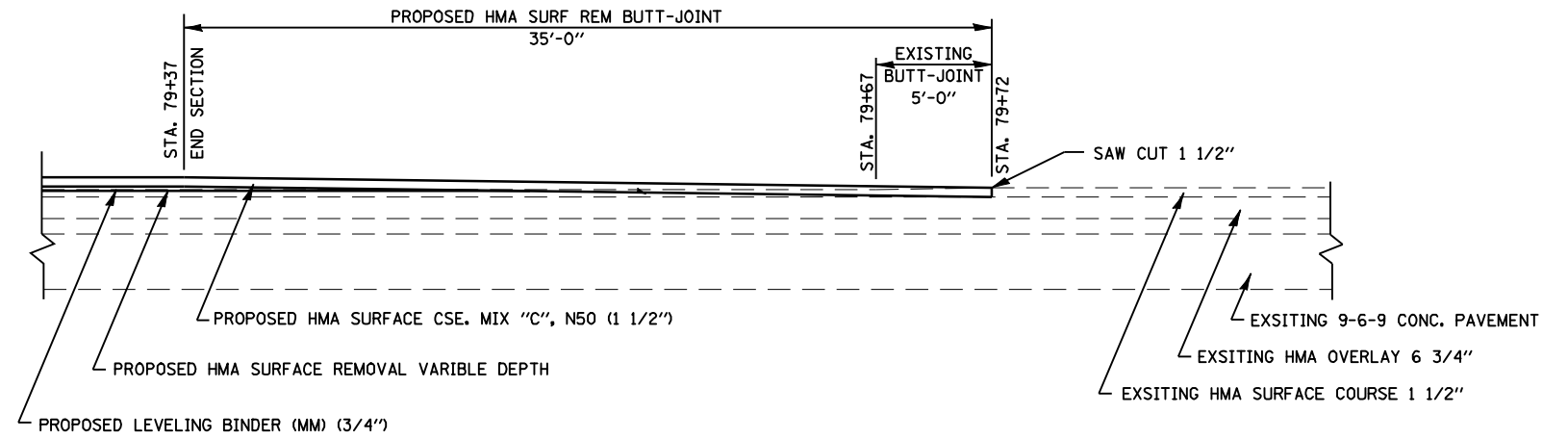
PAINT PAVEMENT MARKING - LINE 5"						
LOCATION			LENGTH (FT)	WHITE (FT)	YELLOW (FT)	
STATION	TO	STATION				
IL (104)						
STA. 1095+05.45	TO	STA. 1108+30.24	1324.79	2424.58	331.20	
BRIDGE OMISSION STA. 1108+30.24 TO STA. 1109+82.11						
STA. 1109+82.11	TO	STA. 1176+74.44	6692.33	13249.66	4227.37	
BRIDGE OMISSION STA. 1176+74.44 TO STA. 1178+45.56						
STA. 1178+45.56	TO	STA. 1250+67.31	7221.75	14055.5	3821.15	
BRIDGE OMISSION STA. 1250+67.31 TO STA. 1252+02.64						
STA. 1252+02.64	TO	STA. 1314+63.99	6261.35	12440.7	2814.60	
STATION EQUATION STA. 1314+63.99 BK. = STA. 0+00.00 AH.						
STA. 0+00.00	TO	STA. 39+98.83	3998.83	7613.66	999.71	
BRIDGE OMISSION STA. 39+98.83 TO STA. 41+91.17						
STA. 41+91.17	TO	STA. 69+95.99	2804.82	5450.64	701.21	
STATION EQUATION STA. 69+95.99 BK. = STA. 70+03.00 AH.						
STA. 70+03.00	TO	STA. 79+72.00	969.00	1938	242.25	
				SUBTOTAL	58474.06	13435.47
				TOTAL	71910	

CHRISTIAN COUNTY

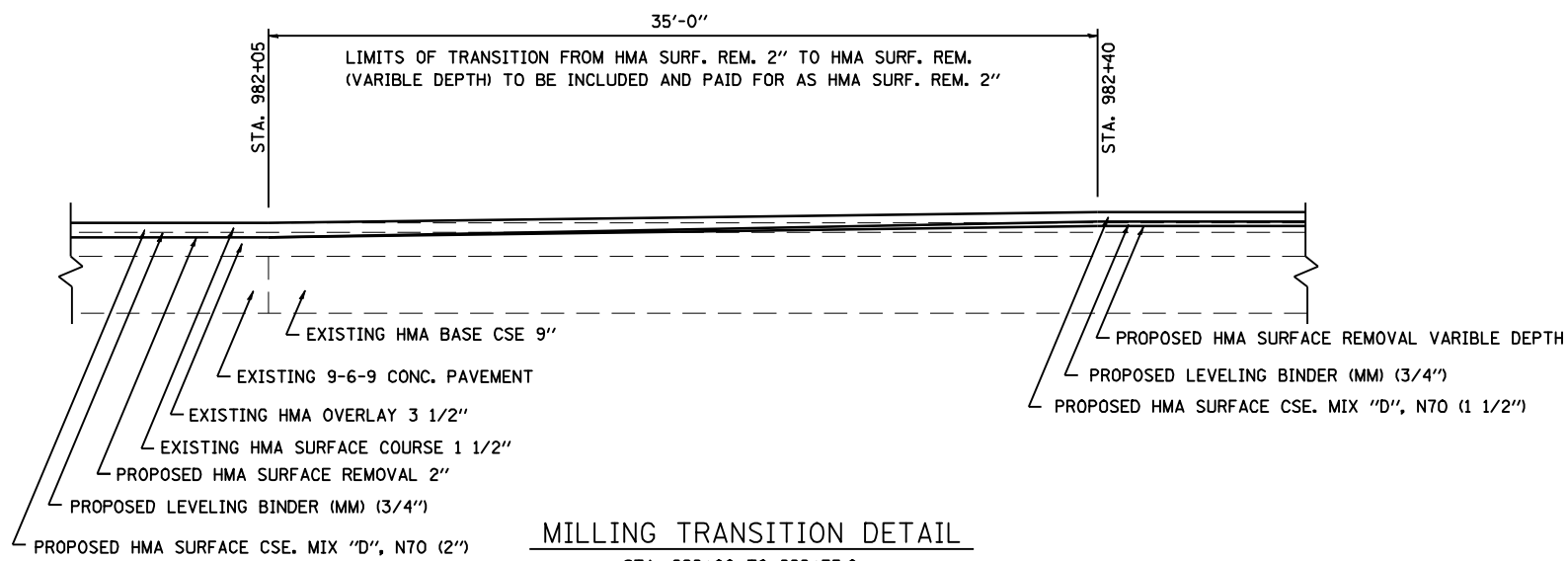
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es:\pwwork\pwwid\LAUGHLINRL\0122712\0672062-sh-t-schedule.dgn	DRAWN -	REVISED -	753			141RS-6&142RS-6	*	62	15	
PLOT SCALE = 1/8" = 1' IN.	CHECKED -	REVISED -	CONTRACT NO. 72B13							
PLOT DATE = Feb-05-2010 11:45:50AM	DATE -	REVISED -	SCALE:			SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT



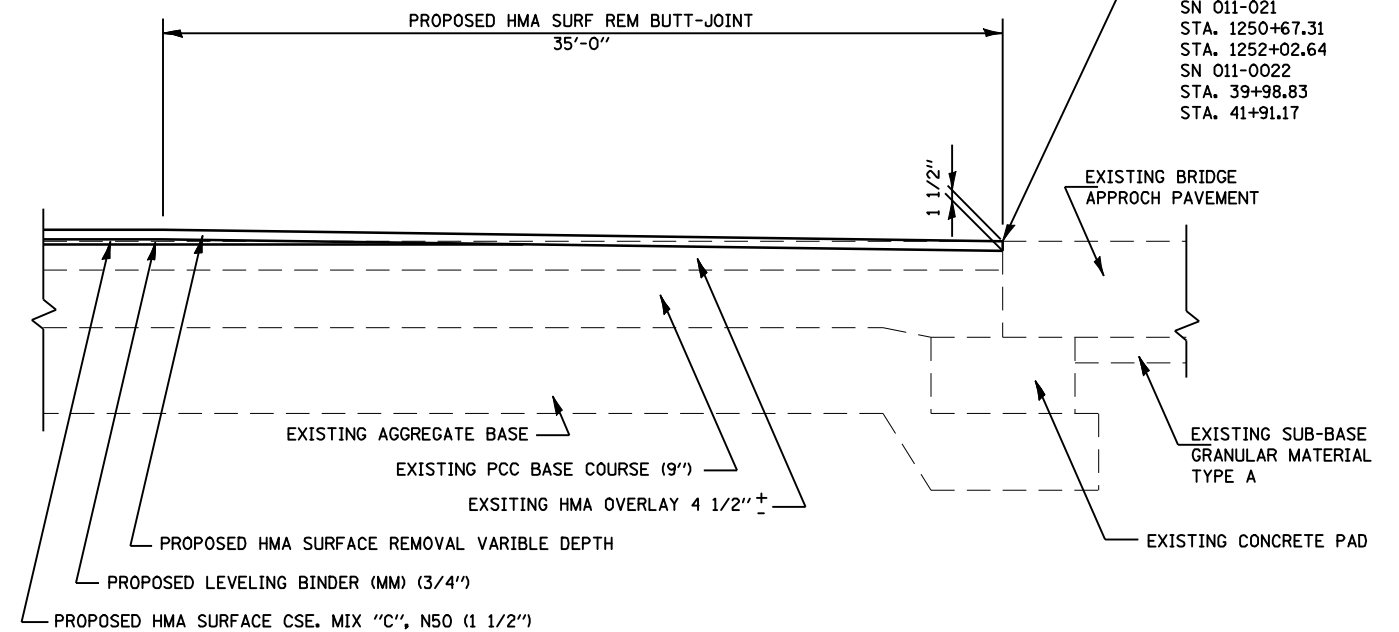
TEMPORARY RAMP DETAIL
STA. 935+65 TO STA. 935+71.5



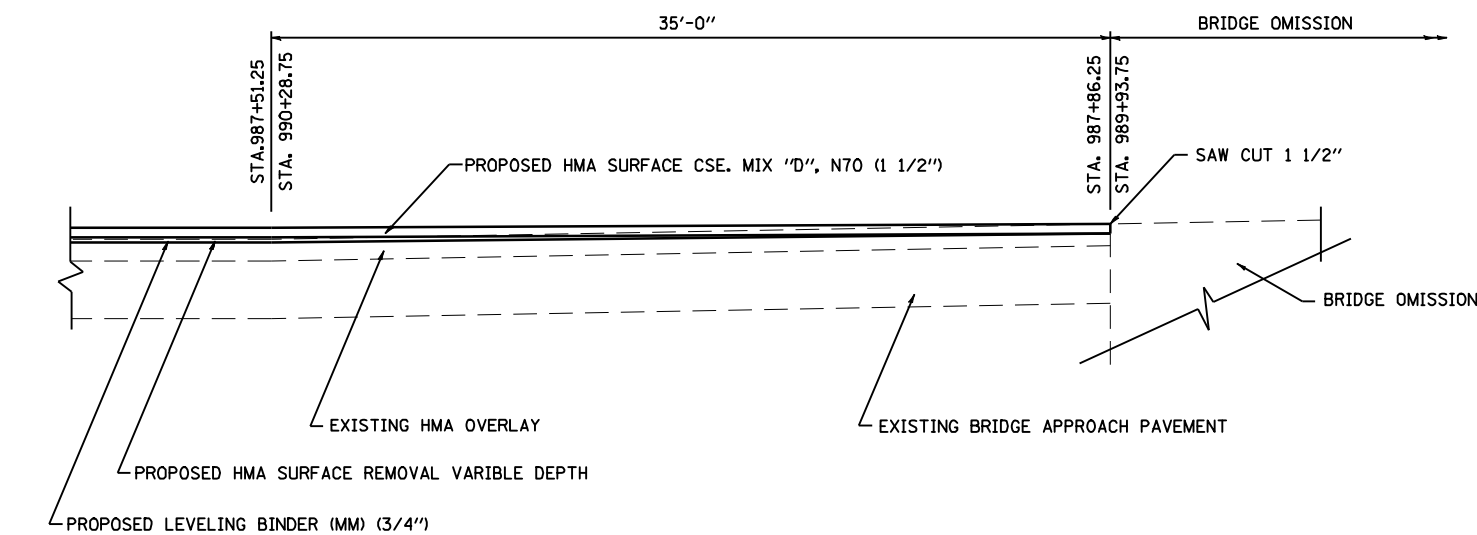
BUTT JOINT DETAIL
STA. 79+37 TO 79+72



MILLING TRANSITION DETAIL
STA. 992+00 TO 992+35.0



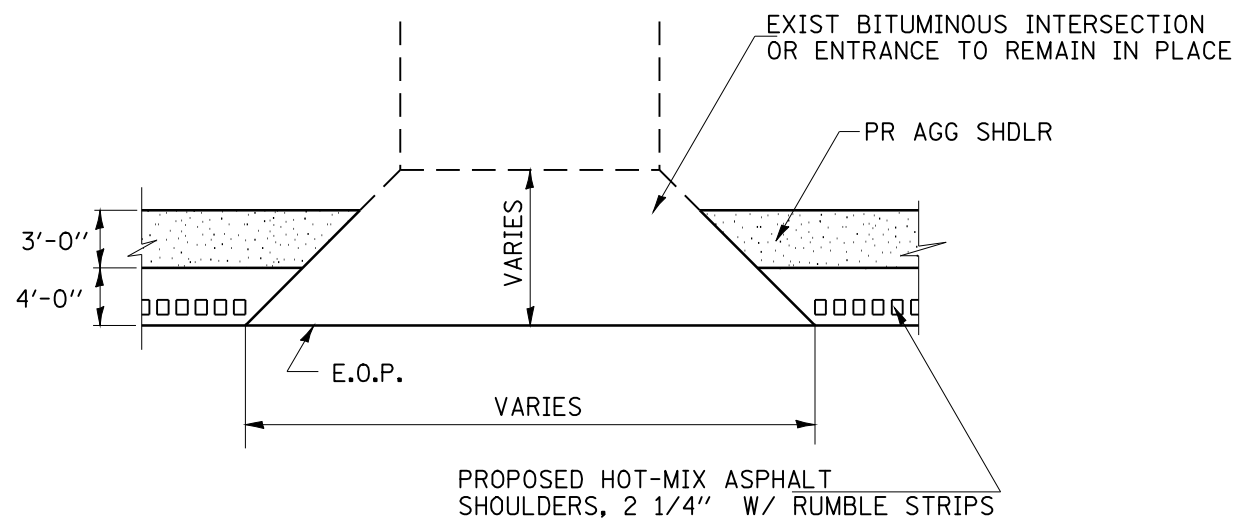
BUTT JOINT DETAIL
AT END OF BRIDGE APPROACH PAVEMENT



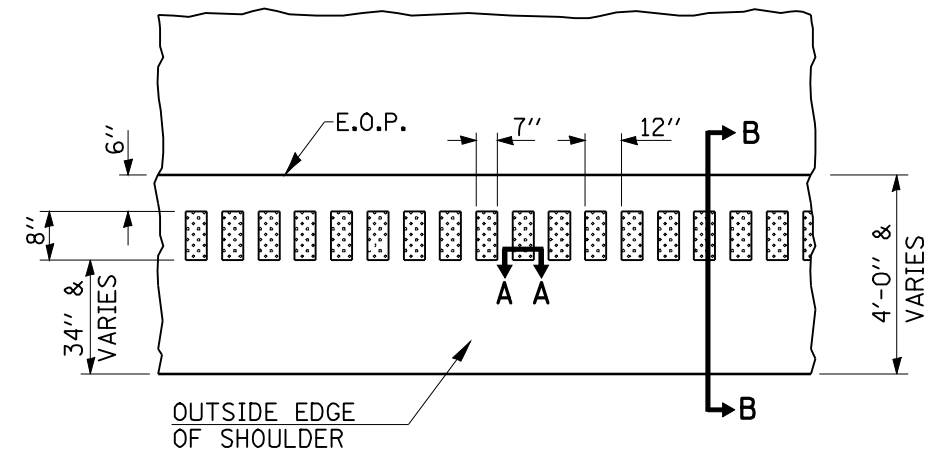
BUTT JOINT DETAIL
STA. 987+51.25 TO STA. 987+86.25
STA. 989+93.75 TO STA. 990+28.75

- SN 011-0019
- STA. 1108+30.24
- STA. 1109+82.11
- SN 011-0020
- STA. 1176+74.44
- STA. 1178+45.56
- SN 011-021
- STA. 1250+67.31
- STA. 1252+02.64
- SN 011-0022
- STA. 39+98.83
- STA. 41+91.17

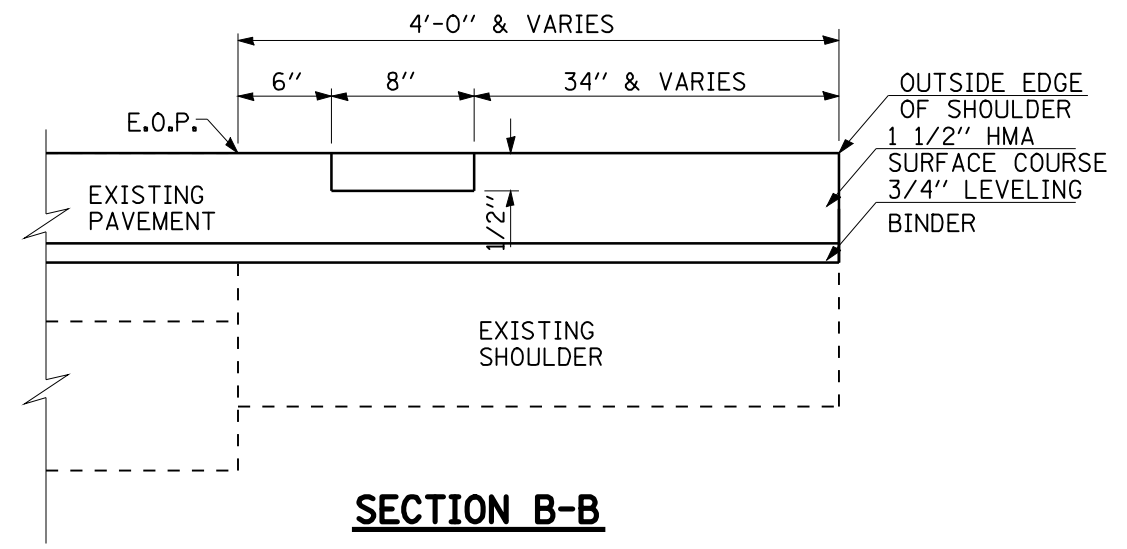
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es:\pwork\pwork\LAUGHLINRL\0122712\0672062-sh-t-detail.dgn		DRAWN -	REVISED -		753	141RS-6&142RS-6	*	62	16			
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -		CONTRACT NO. 72B13							
PLOT DATE = Feb-05-2010 11:45:52AM		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							
				SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.				



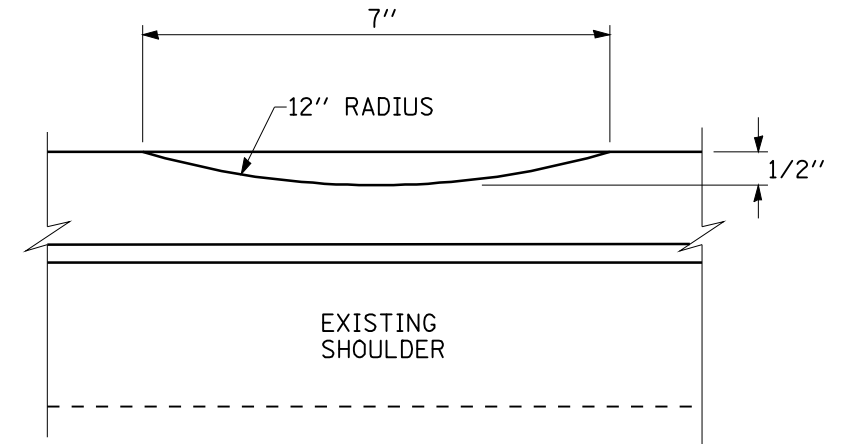
**PLAN VIEW
TYPICAL APPLICATION AT
INTERSECTION & ENTRANCE**



PLAN VIEW

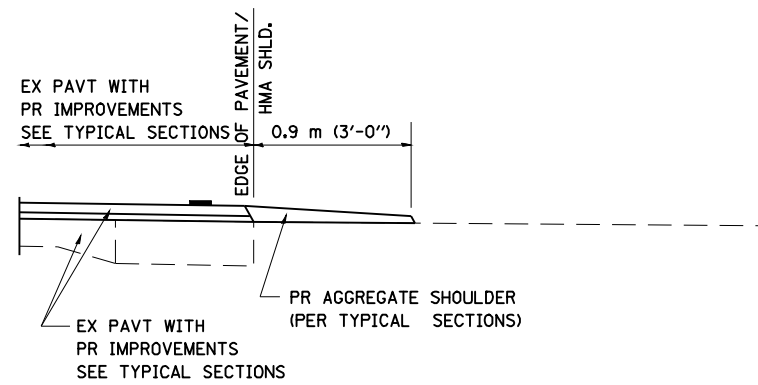


SECTION B-B

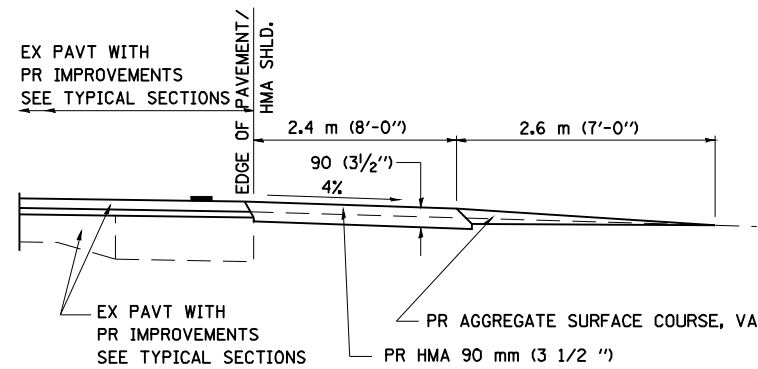


SECTION A-A

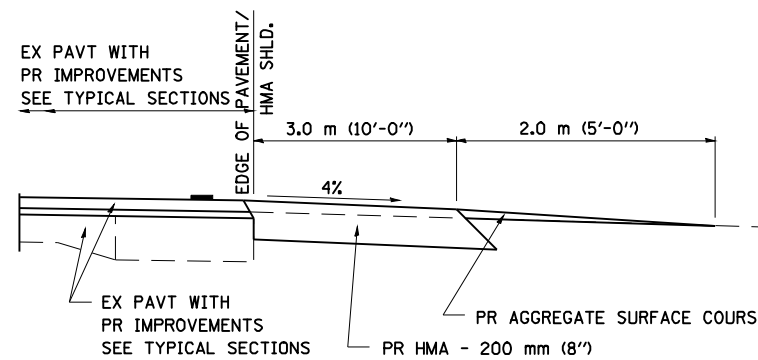
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er:\pwork\pwidot\LAUGHLINRL\0122712\0672062-ah-t-details.dgn	DRAWN -	REVISED -	753					141RS-6&142RS-6	•	62	17	
PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 72B13									
PLOT DATE = Feb-05-2010 11:45:54AM	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									
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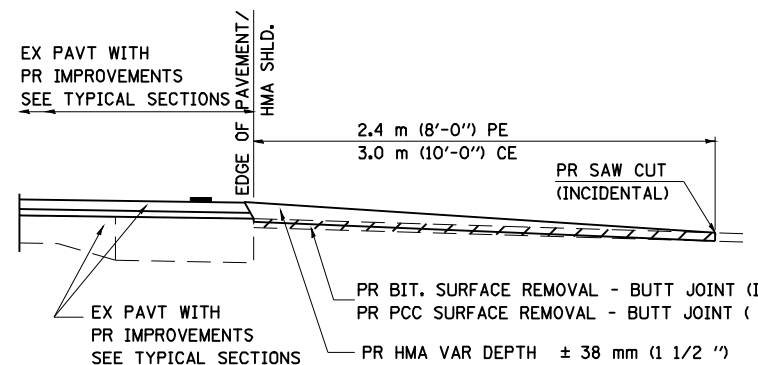
SECTION A-A FOR EX EARTH/AGGREGATE FE



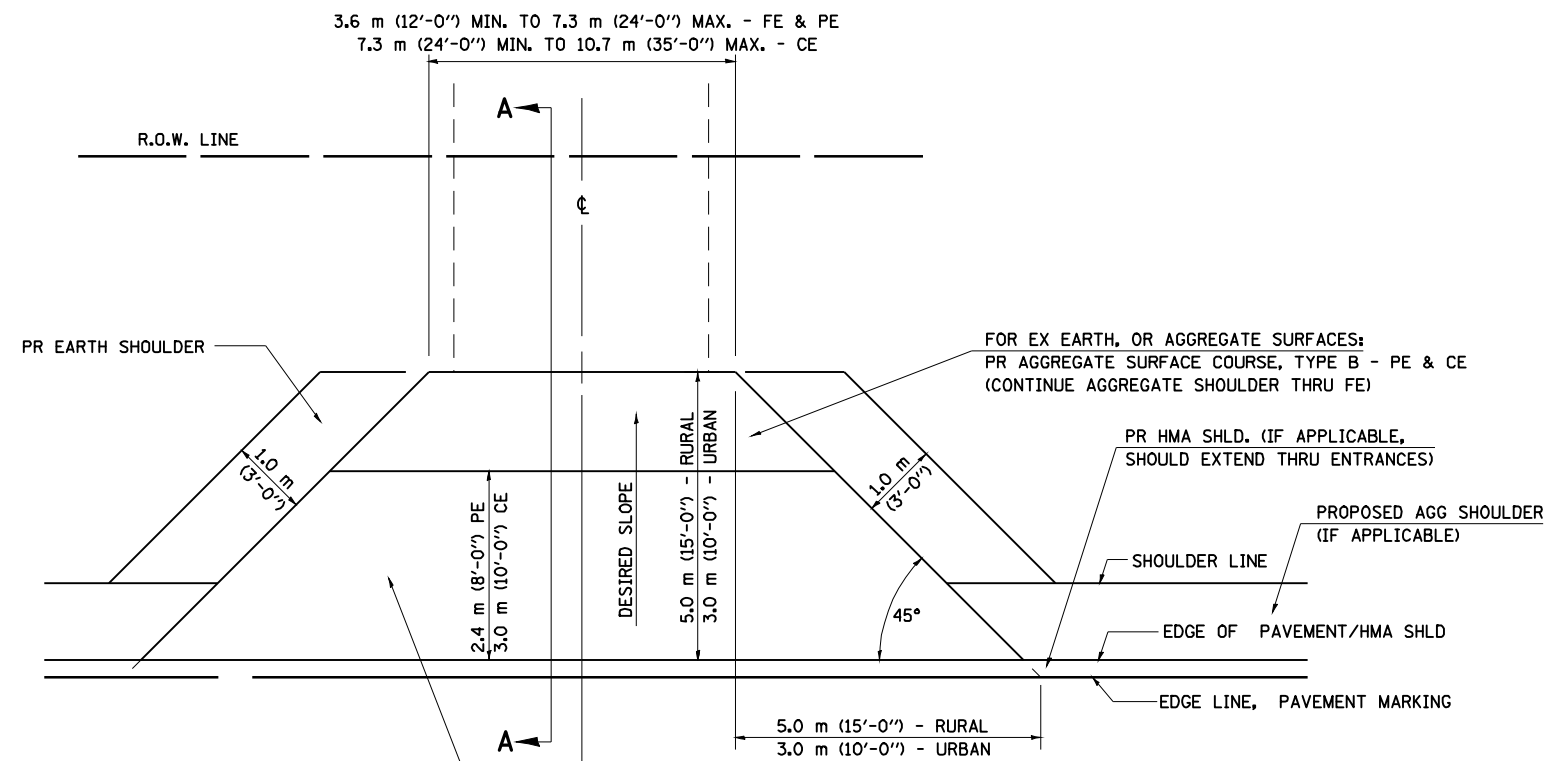
SECTION A-A FOR EX EARTH/AGGREGATE PE



SECTION A-A FOR EX EARTH/AGGREGATE CE & SIDE ROAD



SECTION A-A FOR EX BITUMINOUS/PC CONCRETE PE, CE & SIDE ROAD



FOR EX EARTH OR AGGREGATE SURFACES:
 PR BIT SURFACE REMOVAL (IF APPLICABLE)
 PR AGGREGATE SHOULDER THRU - FE
 PR BITUMINOUS CONCRETE 90 mm (3 1/2") - PE
 PR BITUMINOUS CONCRETE 200mm (8") - CE

FOR EX BITUMINOUS CONCRETE SURFACES:
 PR BITUMINOUS SURFACE REMOVAL-BUTT JOINT

FOR EX PCC SURFACES:
 PR PCC SURFACE REMOVAL-BUTT JOINT

GENERAL NOTES:

THE RESIDENT ENGINEER WILL DETERMINE THE EXACT TYPE OF IMPROVEMENT TO BE COMPLETED FOR ALL ENTRANCES, SIDEROADS AND MAILBOX TURNOUTS ON THIS PROJECT.

THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

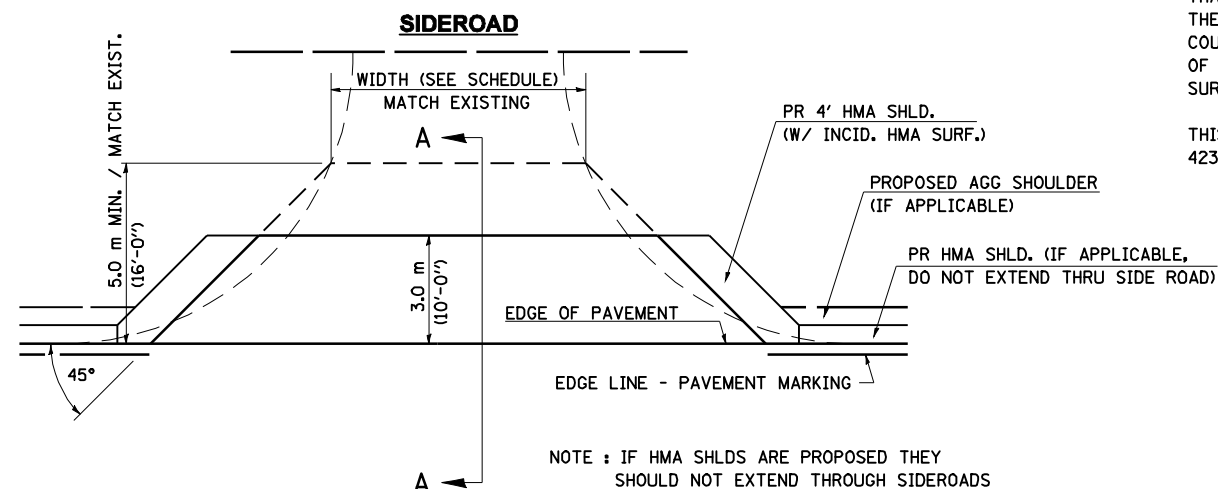
ANY WORK THE ENGINEER REQUIRES WHICH IS NOT COVERED BY A PAY ITEM CONTAINED IN THE PLANS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

BITUMINOUS CONCRETE REQUIRED TO CONSTRUCT THE ENTRANCES SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 406 AND 408 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

WHEN THE BITUMINOUS CONCRETE PROPOSED FOR THE IMPROVEMENT IS THICKER THAN 75 mm (3 INCHES) AND REQUIRE PLACEMENT IN MORE THAN ONE LIFT. THE BOTTOM LIFT(S) SHALL MEET THE REQUIREMENTS OF BITUMINOUS BASE COURSE IN SECTION 406 OF THE STANDARD SPECIFICATIONS AND THE TOP LIFT OF 50 mm (2 INCHES) SHALL MEET THE REQUIREMENTS OF BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE.

THIS WORK WILL BE PAID FOR IN ACCORDANCE WITH SECTIONS 351, 358, 408, 423 AND 440 OF THE STANDARD SPECIFICATIONS.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.



NOTE : IF HMA SHLDS ARE PROPOSED THEY SHOULD NOT EXTEND THROUGH SIDEROADS

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED - 2/19/03 JCN
es:\pwwork\pwwid01\LAUGHLINR1\0122712\0672062-shd-deta11.dgn		DRAWN - CADD	REVISED - 4/01/04 JCN
ENT PPP.DGN	PLOT SCALE = 40.0000 ' / IN.	CHECKED - JCN	REVISED -
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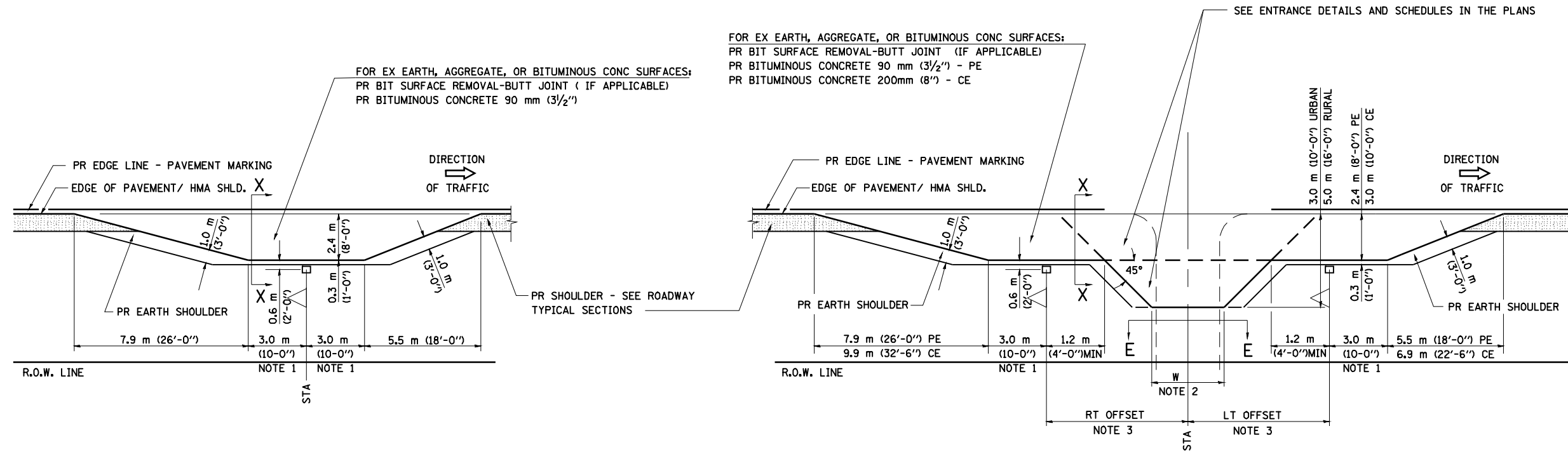
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DIST. 6 DETAILS FOR RURAL/URBAN ENT., MAILBOX
 TURNOUT & SIDEROADS W/O CONC. GUTTER (3P-PROJ.)**

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

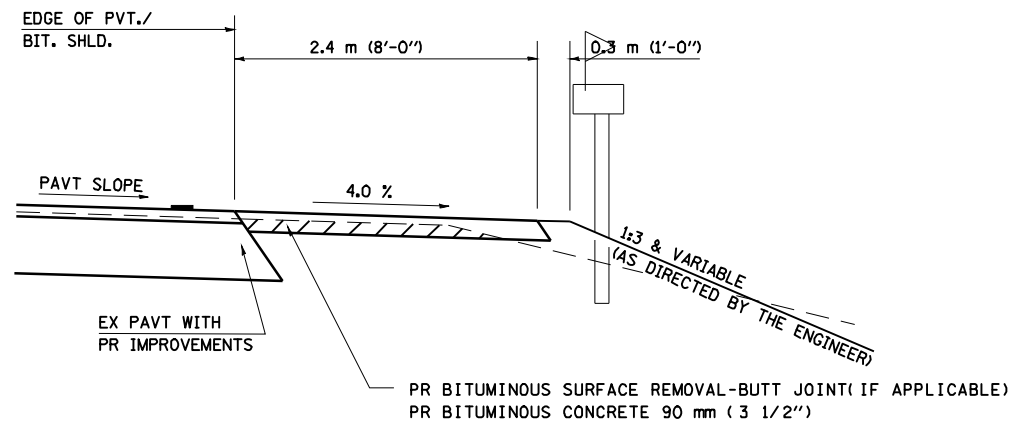
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	141RS-6&142RS-6	*	62	18
CONTRACT NO. 72B13			ILLINOIS FED. AID PROJECT	

DETAILS OF MAILBOX TURNOUTS



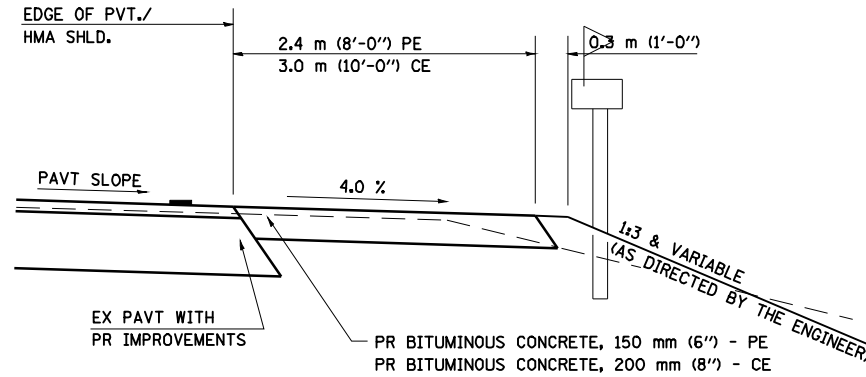
PLAN - MAILBOX TURNOUTS

PLAN - COMBINED MAILBOX TURNOUT WITH TRAILING OR LEADING ENTRANCE



**SECTION X-X THRU MAILBOX TURNOUT
ALSO APPLIES TO MAILBOX TURNOUTS COMBINED WITH
EX EARTH, AGGREGATE, OR BITUMINOUS PE & FE**

(DETAIL APPLIES WHEN M.B. TURNOUT DOES NOT EXIST.
IF EXISTING, TREAT SAME AS ENTRANCE.)



**SECTION X-X THRU MAILBOX TURNOUT
COMBINED WITH EX BITUMINOUS CONC & PC CONC PE & CE**

(DETAIL APPLIES WHEN M.B. TURNOUT DOES NOT EXIST.
IF EXISTING, TREAT SAME AS ENTRANCE.)

- NOTE 1 IF MORE THAN ONE MAILBOX IS PRESENT, DIMENSION FROM CENTER OF END MAILBOX.

NOTE 2 FOR ENTRANCE LAYOUT DIMENSIONS AND SECTIONS A-A & E-E REFER TO THE SCHEDULES IN THE PLANS.

NOTE 3 BOTH LT OR RT OFFSETS FOR MAILBOX SHOWN USE OFFSET DIMENSION PER SCHEDULE AND REFER TO LAYOUT SHOWN ON THE PLAN.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES)
UNLESS OTHERWISE SHOWN.

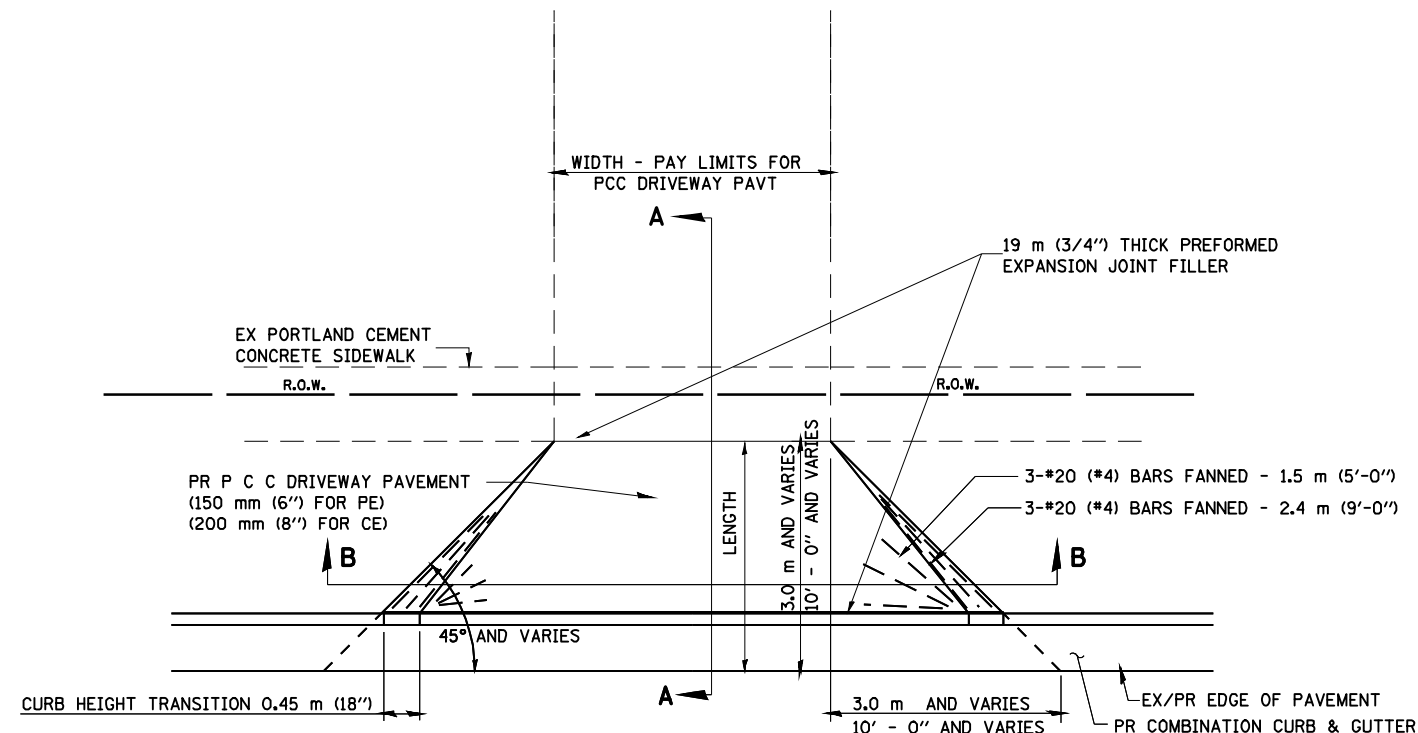
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

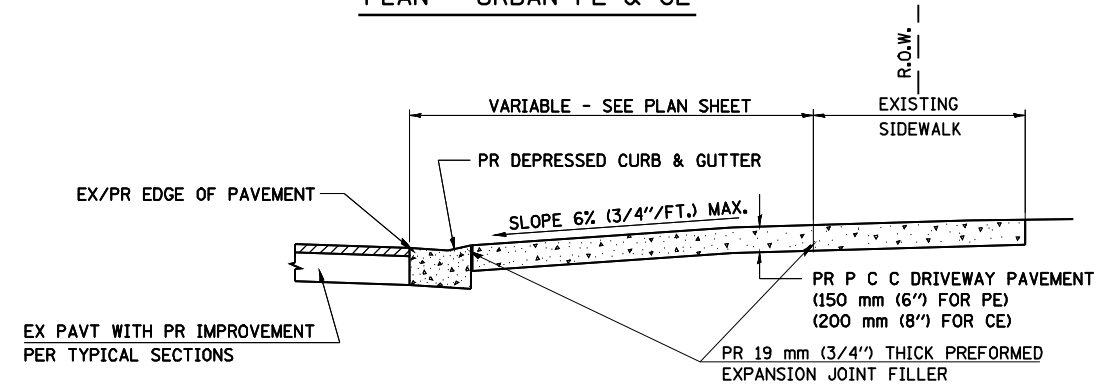
**DIST. 6 DETAILS FOR RURAL/URBAN ENT., MAILBOX
TURNOUT & SIDEROADS W/O CONC. GUTTER (3P-PROJ.)**

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

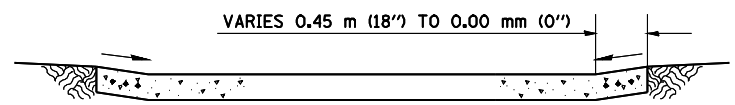
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	141RS-6&142RS-6	•	62	19
CONTRACT NO.			72B13	
ILLINOIS FED. AID PROJECT				



PLAN - URBAN PE & CE



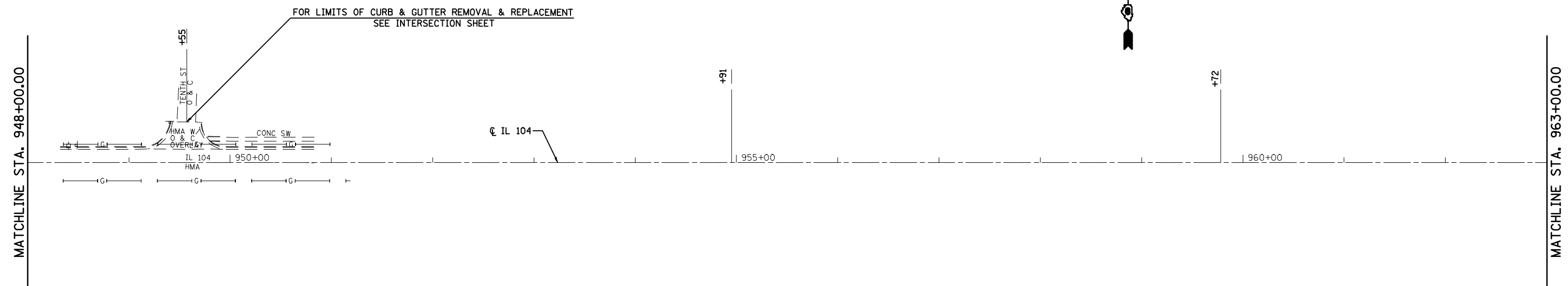
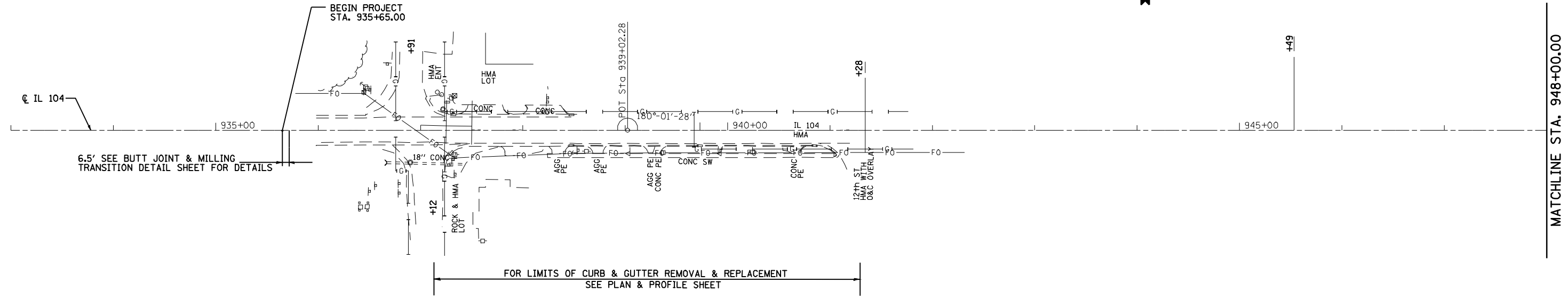
SECTION A - A



SECTION B - B

- NOTES:
1. TO AVOID THE RELOCATION OF EXISTING UTILITY POLES, DRAINAGE STRUCTURE WITH THE APPROVAL OF THE ENGINEER, THE CONCTORACTOR MAY VARY THE LAYOUT OF THE PROPOSE ENTRANCES AS DETAILED IN THE PLANS.
 2. THE COST OF FURNISHING AND INSTALLING THE 19 mm (3/4'') PREFORMED EXPANSION JOINT FILLER AND REINFORCEMENT BARS SHALL BE INCLUDED IN THE COST OF P.C.C. DRIVEWAY PAVEMENT.

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS FOR URBAN ENTRANCE IN CURB AND GUTTER SECTION			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
e:\pwwork\pwwid\LAUGHLINRL\0122712\0672062-sh-t-details.dgn	DRAWN - CADD	REVISED -	REVISED -		753	141RS-6&142RS-6	*	62	20			
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PLOT DATE = Feb-05-2010 11:46:01AM	DATE - MARCH 17, 2000	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							
3RENTCG.DGN				SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	* SANGAMON, CHRISTIAN			

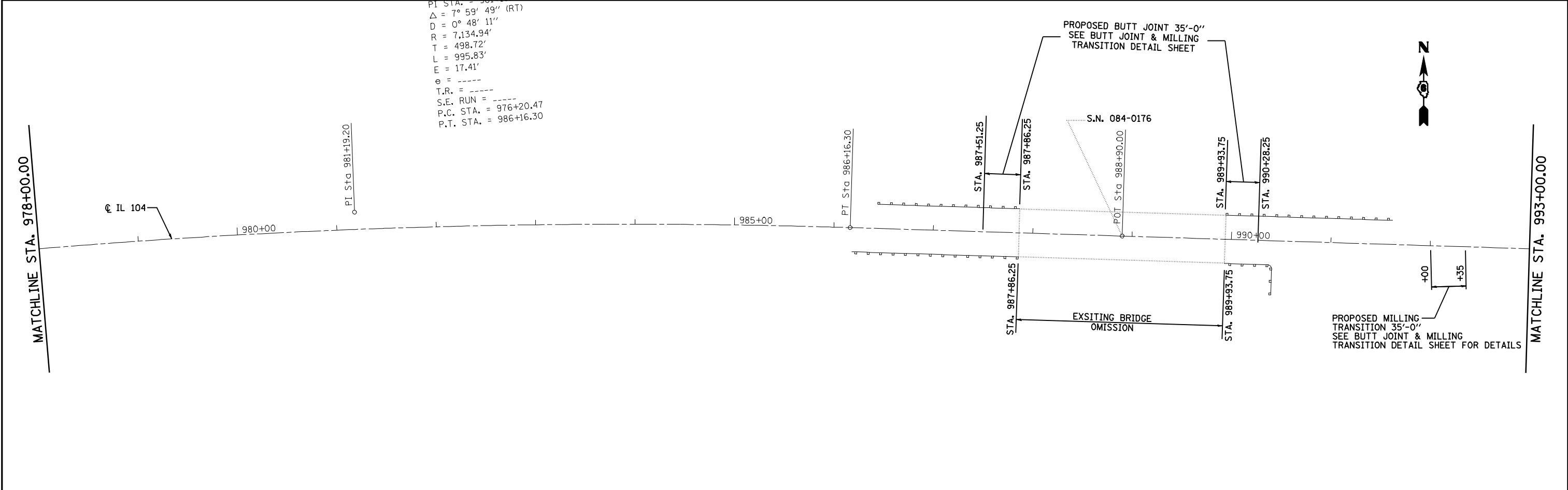
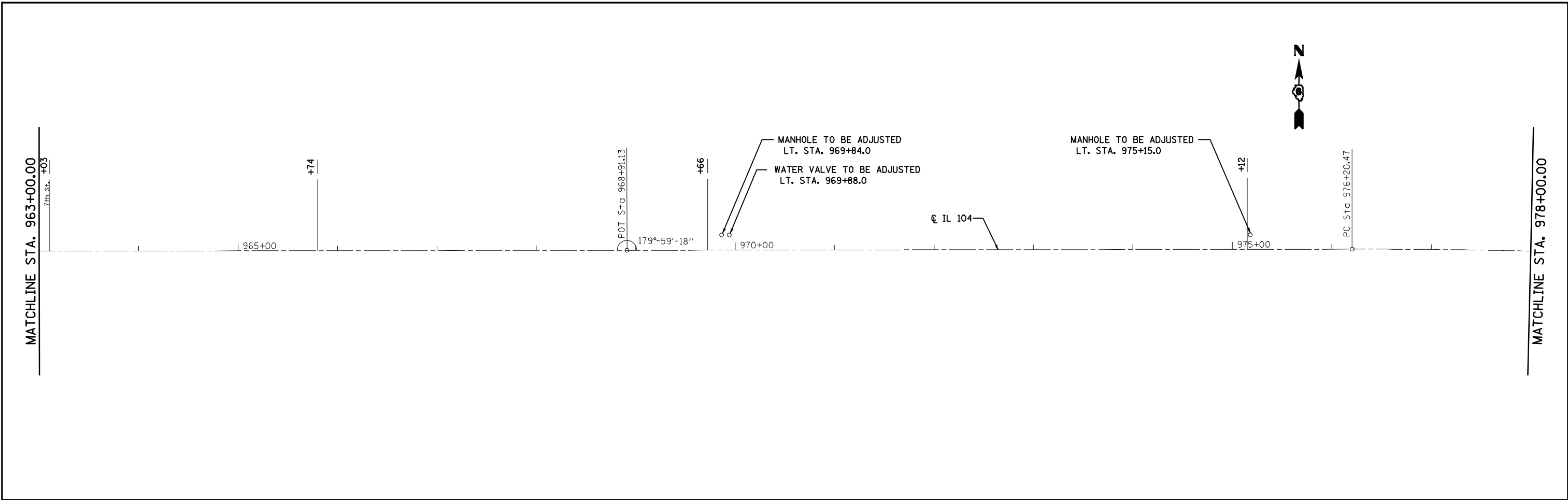


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er:\pwork\PWIDOT\LAUGHLINRL\0122712\0672062-shr-plan.dgn		DRAWN -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	141RS-6&142RS-6	*	62	21
CONTRACT NO.			72B13	
ILLINOIS FED. AID PROJECT				



PI STA. = 981.19
 $\Delta = 7^\circ 59' 49''$ (RT)
 $D = 0^\circ 48' 11''$
 $R = 7,134.94'$
 $T = 498.72'$
 $L = 995.83'$
 $E = 17.41'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 976+20.47$
 $P.T. STA. = 986+16.30$

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
es:\pwwork\pwwid\LAUGHLINRL\0122712\0672062-sh-t-plan.dgn		DRAWN -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	141RS-6&142RS-6	*	62	22
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72B13	



MATCHLINE STA. 1022+00.00

IL 104

1025+00

1030+00

1035+00

MATCHLINE STA. 1037+00.00



MATCHLINE STA. 1037+00.00

IL 104

1040+00

PC Sta 1044+40.88

1045+00

1050+00

MATCHLINE STA. 1052+00.00

EXIST. CURVE 15
 PI STA. = 1049+35.98
 Δ = 7° 25' 44" (LT)
 D = 0° 45' 05"
 R = 7,626.28'
 T = 495.10'
 L = 988.81'
 E = 16.05'
 e = ----
 T.R. = ----
 S.E. RUN = ----
 P.C. STA. = 1044+40.88
 P.T. STA. = 1054+29.69

PI Sta 1049+35.98

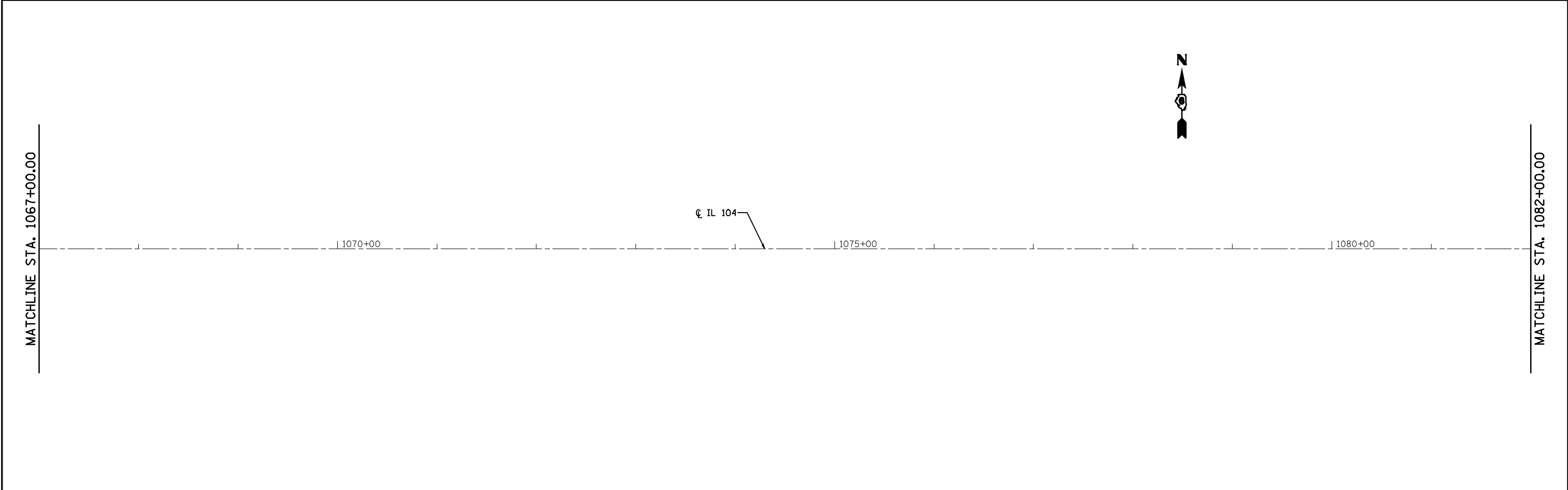
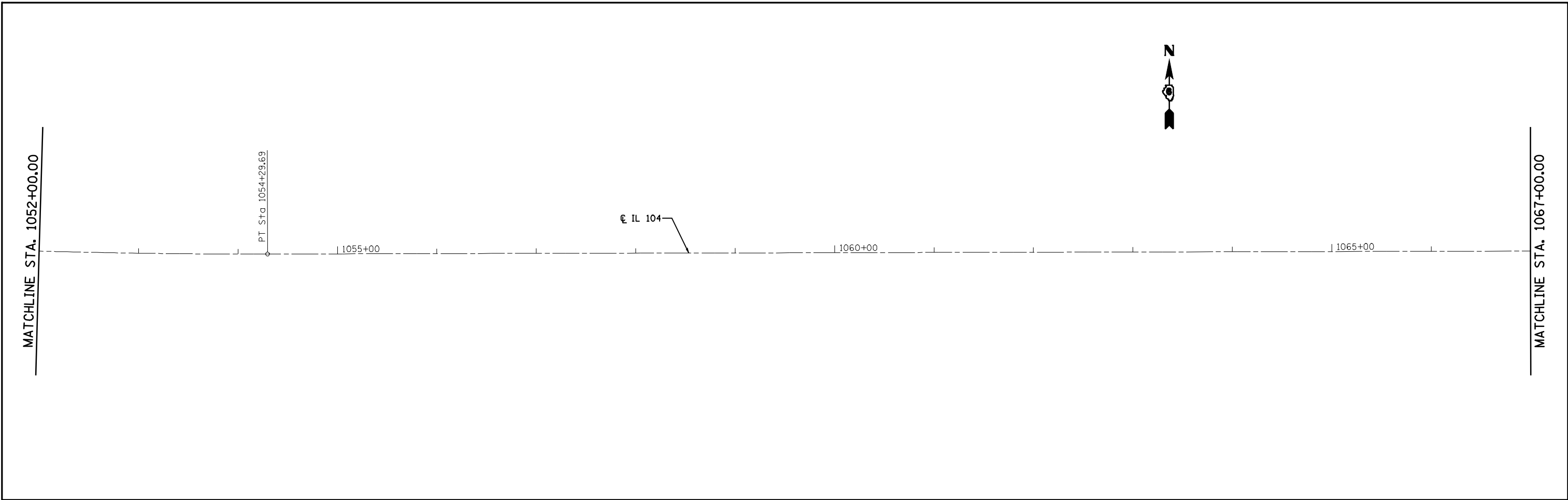
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

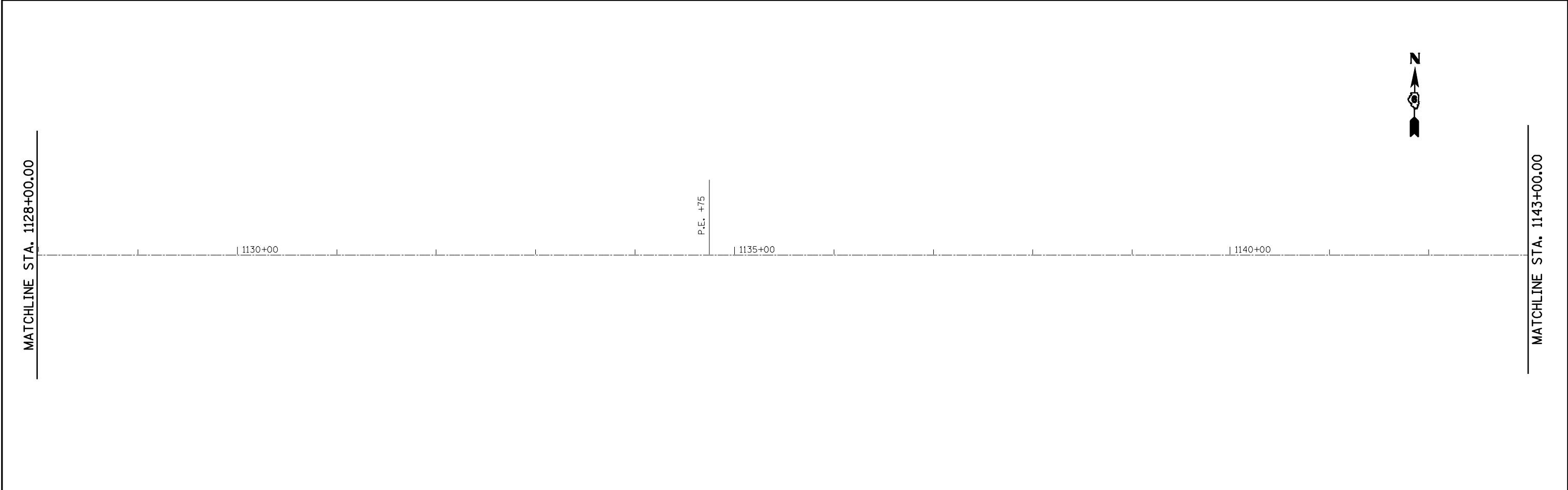
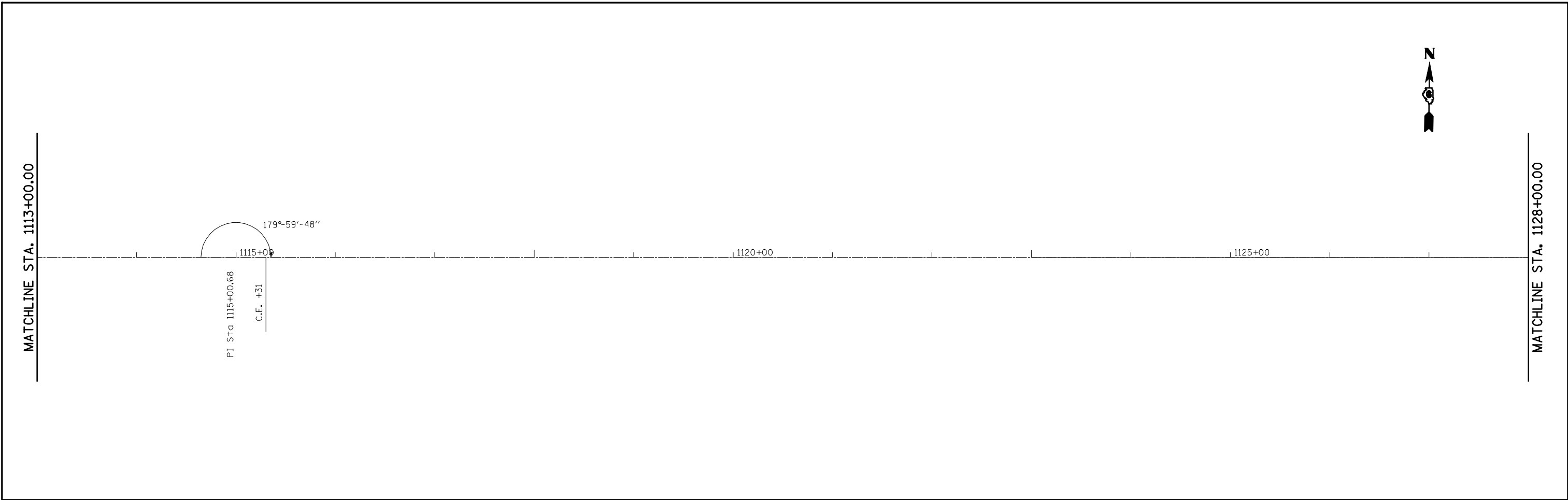
PLAN

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	141RS-6&142RS-6	*	62	24
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72B13	



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FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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MATCHLINE STA. 1143+00.00

1145+00

1150+00

1155+00



MATCHLINE STA. 1158+00.00

MATCHLINE STA. 1158+00.00

1160+00

1165+00

1170+00



MATCHLINE STA. 1173+00.00

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	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = Feb-05-2010 11:46:21AM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN

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

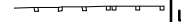
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	141RS-6&142RS-6	•	62	28
CONTRACT NO.			72813	
ILLINOIS FED. AID PROJECT				

MATCHLINE STA. 1234+00.00

MATCHLINE STA. 1249+00.00



1235+00 1240+00 1245+00



MATCHLINE STA. 1249+00.00

MATCHLINE STA. 1264+00.00



1250+00 1255+00 1260+00

PROPOSED BUTT JOINT 35'-0"
SEE BUTT JOINT & MILLING
TRANSITION DETAIL SHEET
FOR DETAILS

⊕ STA. 1251+35.00
SN 011-0021

STA. 1250+32.31

STA. 1250+67.31

STA. 1252+02.64

STA. 1252+37.64

SIDEROAD, BOAT RAMP +26

EXISTING GUARDRAIL TO BE
REMOVED AND REPLACED (TYP.)

STA. 1250+97.37

STA. 1251+72.63

EXISTING BRIDGE
OMISSION

FILE NAME = e:\pwwork\PWIDOT\LAUGHLINRL\0122712\0672062-sh1-plan.dgn	USER NAME = laughlinr1	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / IN.	CHECKED -	DRAWN -	REVISED -
PLOT DATE = Feb-05-2010 11:46:28AM	DATE -		REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	141RS-6&142RS-6	•	62	31
CONTRACT NO. 72B13			ILLINOIS FED. AID PROJECT	

MATCHLINE STA. 1264+00.00

1265+00

1270+00

1275+00



MATCHLINE STA. 1279+00.00

MATCHLINE STA. 1279+00.00

1280+00

1285+00

1290+00

PC Sta 1290+18.52



MATCHLINE STA. 1294+00.00

FILE NAME = e:\pwwork\pwidot\LAUGHLINRL\0122712\0672062-shr-plan.dgn	USER NAME = laughlinr1	DESIGNED -	REVISED -
		DRAWN -	REVISED -
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	PLOT DATE = Feb-05-2010 11:46:30AM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	141RS-6&142RS-6	•	62	32
CONTRACT NO.			72B13	
ILLINOIS FED. AID PROJECT				

EXIST. CURVE 19
 PI STA. = 1295+16.02
 $\Delta = 10^\circ 35' 39''$ (LT)
 $D = 1^\circ 04' 04''$
 $R = 5,365.84'$
 $T = 497.50'$
 $L = 992.16'$
 $E = 23.01'$
 $e =$
 $T.R. =$
 S.E. RUN =
 P.C. STA. = 1290+18.52
 P.T. STA. = 1300+10.68

MATCHLINE STA. 1294+00.00

PI Sta 1295+16.02



PT Sta 1300+10.68

PC Sta 1303+86.66

1305+00

PI Sta 1308+85.76

MATCHLINE STA. 1309+00.00

EXIST. CURVE 21
 PI STA. = 1308+85.76
 $\Delta = 10^\circ 38' 29''$ (RT)
 $D = 1^\circ 04' 09''$
 $R = 5,359.15'$
 $T = 499.10'$
 $L = 995.33'$
 $E = 23.19'$
 $e =$
 $T.R. =$
 S.E. RUN =
 P.C. STA. = 1303+86.66
 P.T. STA. = 1313+81.99

MATCHLINE STA. 1309+00.00

1310+00

PT Sta 1313+81.99

PT Sta 1314+63.99
 EQUATION:
 Sta 1314+63.99 BK = 81
 Sta 0+00.00 AH = 430E +04.78

430E +04.78

C.E. +96.50

15+00



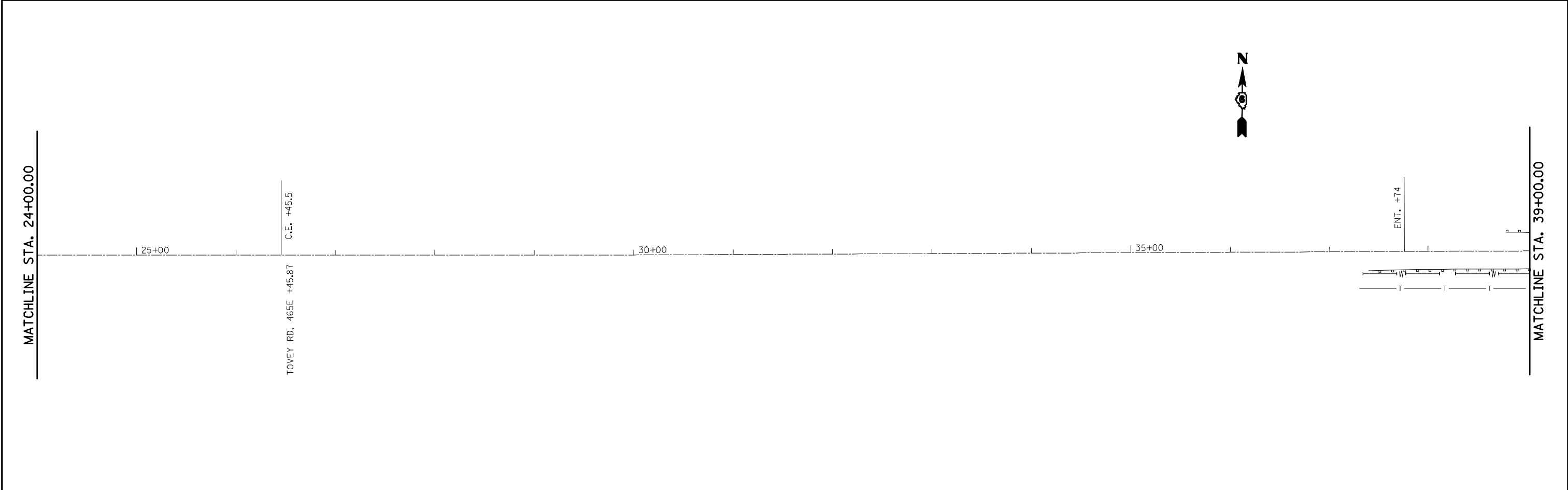
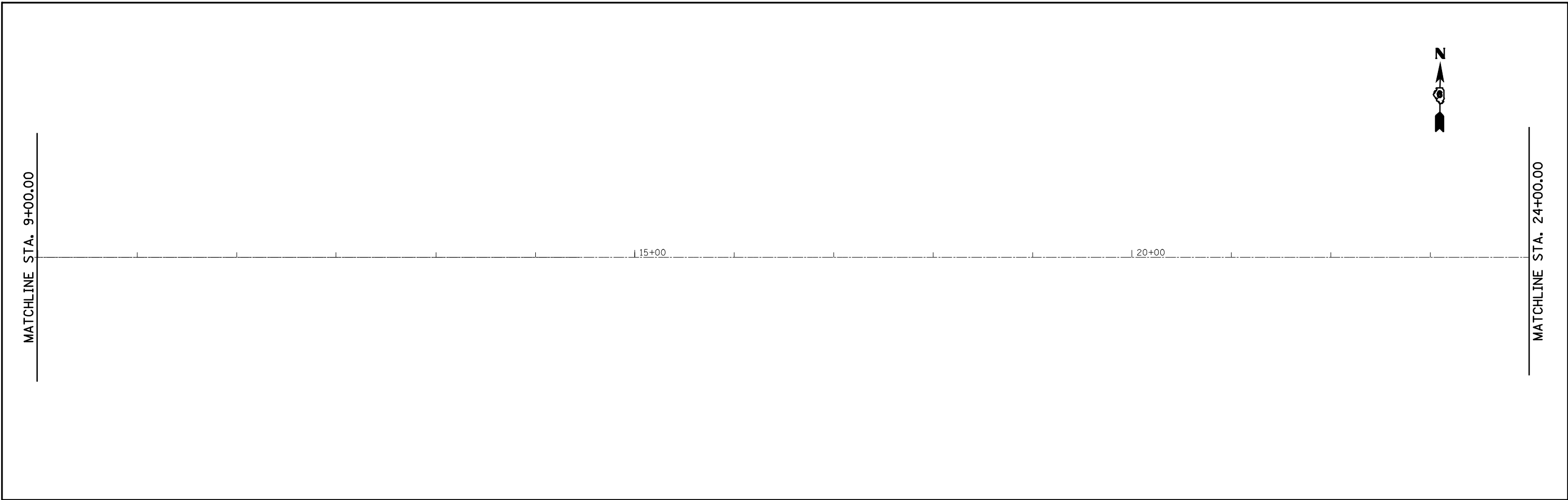
MATCHLINE STA. 9+00.00

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
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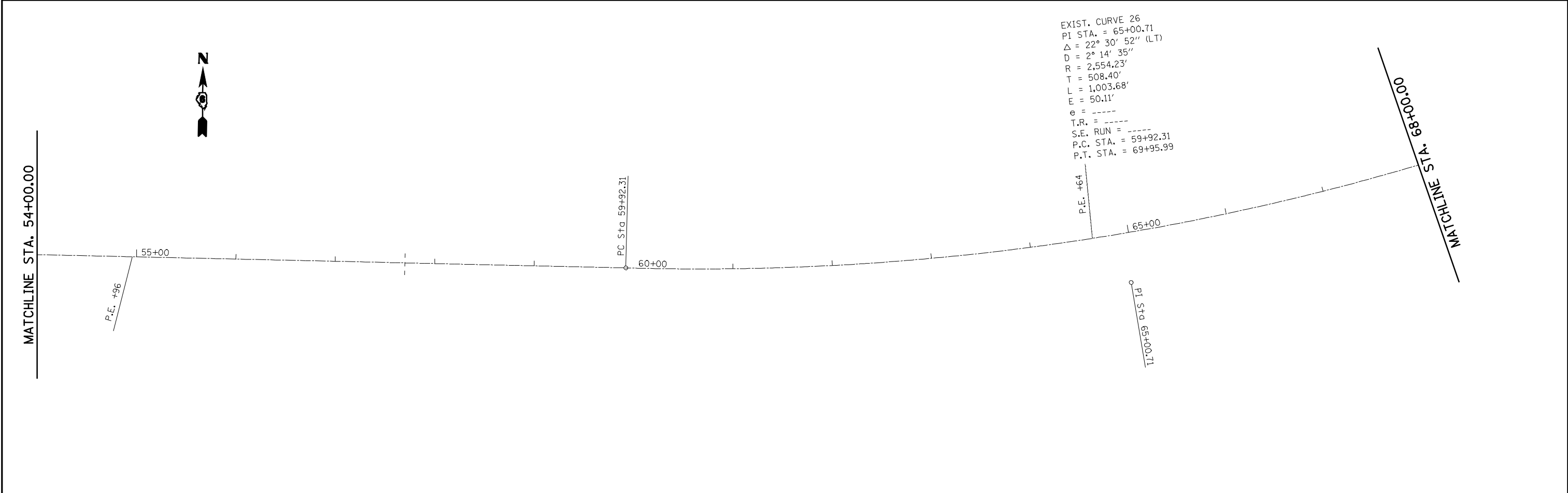
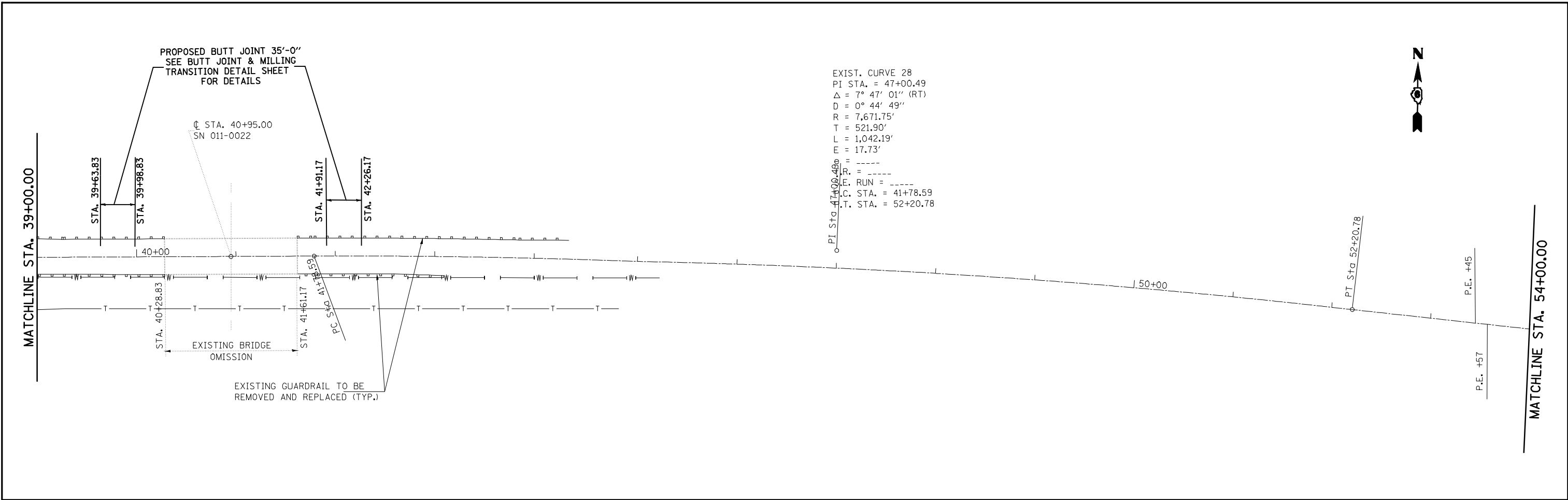
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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

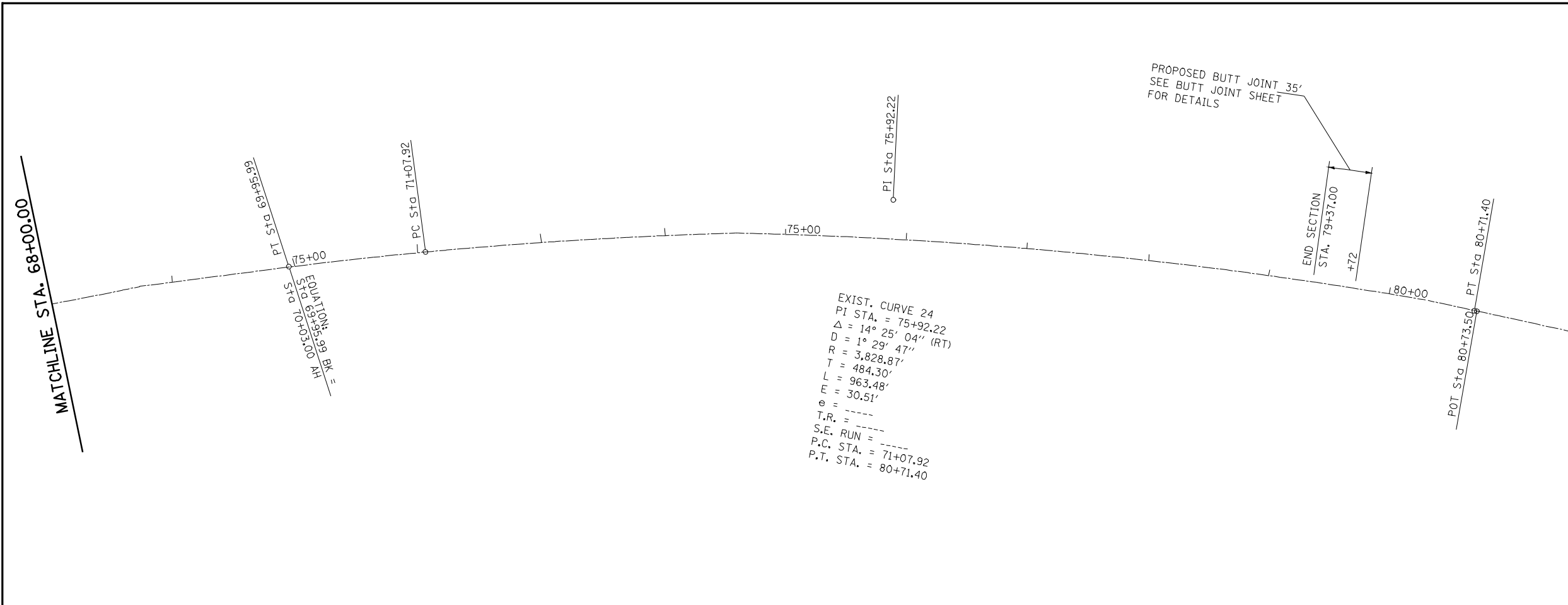
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	141RS-6&142RS-6		62	33
CONTRACT NO.			72B13	
ILLINOIS FED. AID PROJECT				



FILE NAME = e:\pwwork\pwidot\LAUGHLINRL\0122712\0672062-shr-plan.dgn	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = Feb-05-2010 11:46:35AM	CHECKED -	REVISED -					CONTRACT NO. 72B13						
	DATE -	REVISED -	SCALE:		SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT				



FILE NAME = e:\pwwork\pwwid\LAUGHLINRL\20122712\0672062-shr-plan.dgn	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	PLOT SCALE = 100.0000' / IN.	DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	753	141RS-6&142RS-6	62	35
	PLOT DATE = Feb-05-2010 11:46:37AM	CHECKED -	REVISED -		CONTRACT NO. 72B13									
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT									



EXIST. CURVE 24
 PI STA. = 75+92.22
 $\Delta = 14^\circ 25' 04''$ (RT)
 $D = 1^\circ 29' 47''$
 $R = 3,828.87'$
 $T = 484.30'$
 $L = 963.48'$
 $E = 30.51'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 71+07.92$
 $P.T. STA. = 80+71.40$

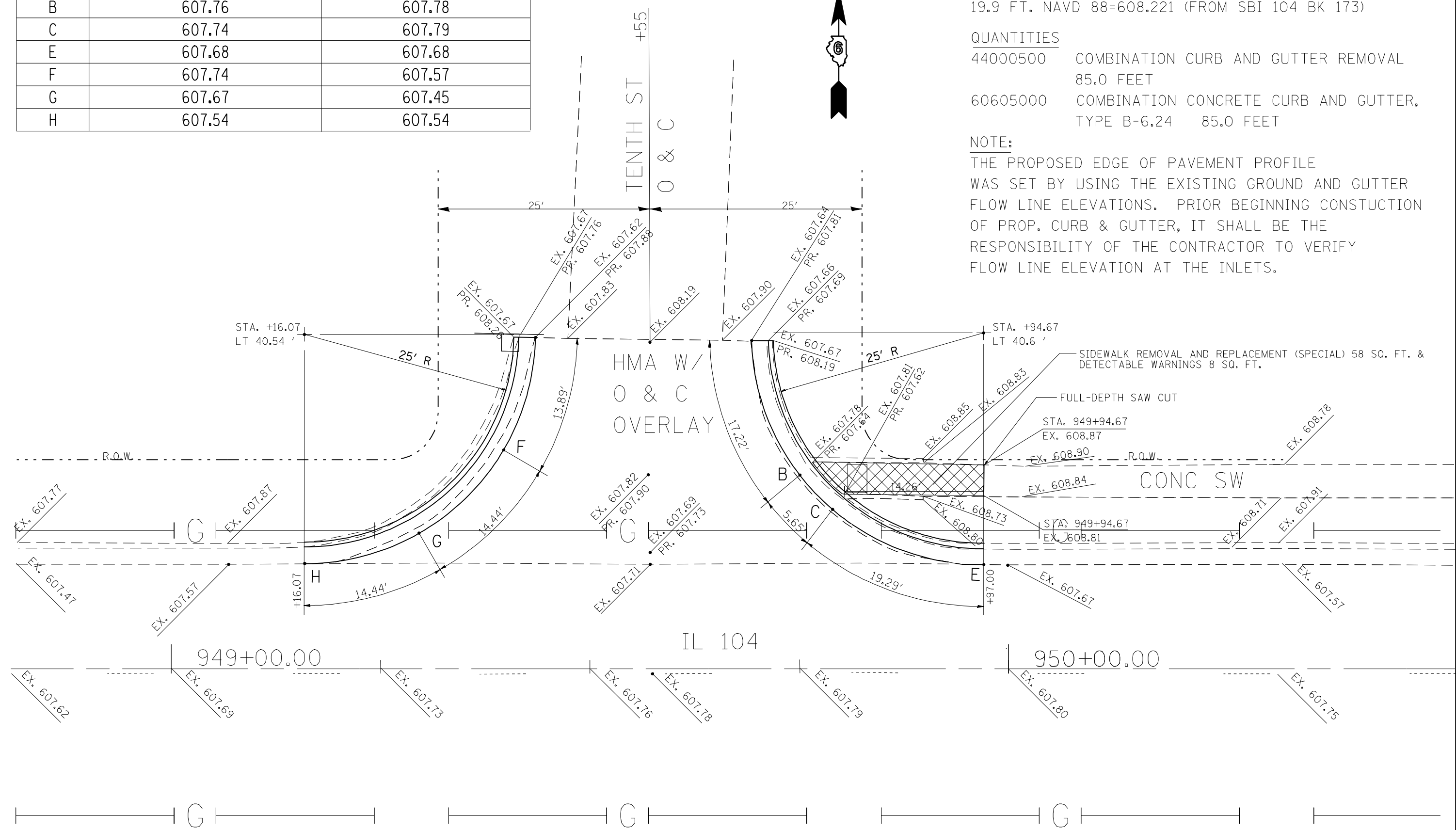
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e:\pwwork\pwidot\LAUGHLINRL\0122712\0672062-shr-plan.dgn		DRAWN -	REVISED -		753	141RS-6&142RS-6	•	62	36				
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PLOT DATE = Feb-05-2010 11:46:40AM		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								
				SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.				

EDGE OF PAVEMENT SCHEDULE		
POINT	PROPOSED E.O.P. ELEVATION	EXISTING E.O.P. ELEVATION
B	607.76	607.78
C	607.74	607.79
E	607.68	607.68
F	607.74	607.57
G	607.67	607.45
H	607.54	607.54

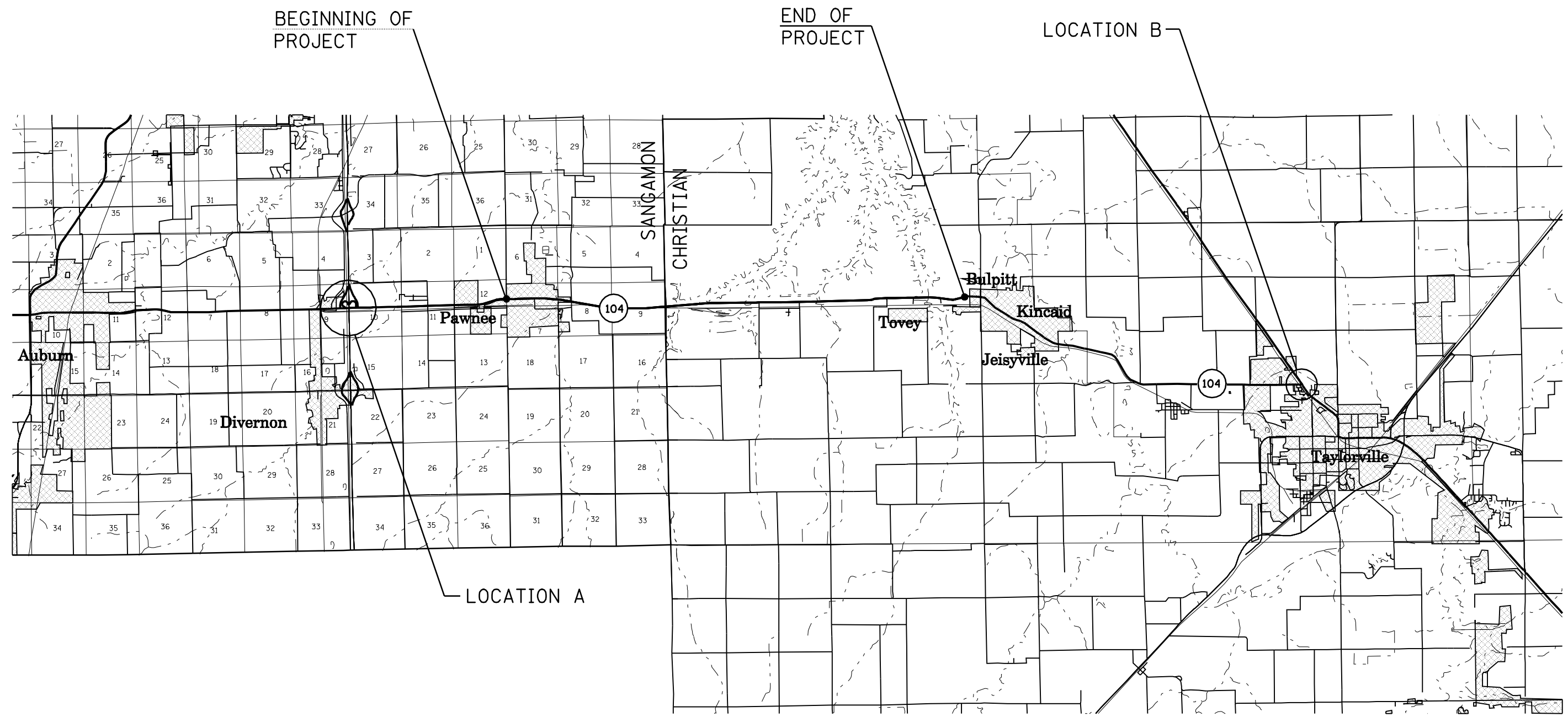
BENCH MARK:
TJM-59 600 SPIKE NAIL IN PP/LP SW QUAD IL. 104 & 11TH ST. IN PAWNEE @ STA. 945+17.6;
19.9 FT. NAVD 88=608.221 (FROM SBI 104 BK 173)

QUANTITIES
44000500 COMBINATION CURB AND GUTTER REMOVAL
85.0 FEET
60605000 COMBINATION CONCRETE CURB AND GUTTER,
TYPE B-6.24 85.0 FEET

NOTE:
THE PROPOSED EDGE OF PAVEMENT PROFILE WAS SET BY USING THE EXISTING GROUND AND GUTTER FLOW LINE ELEVATIONS. PRIOR BEGINNING CONSTRUCTION OF PROP. CURB & GUTTER, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY FLOW LINE ELEVATION AT THE INLETS.



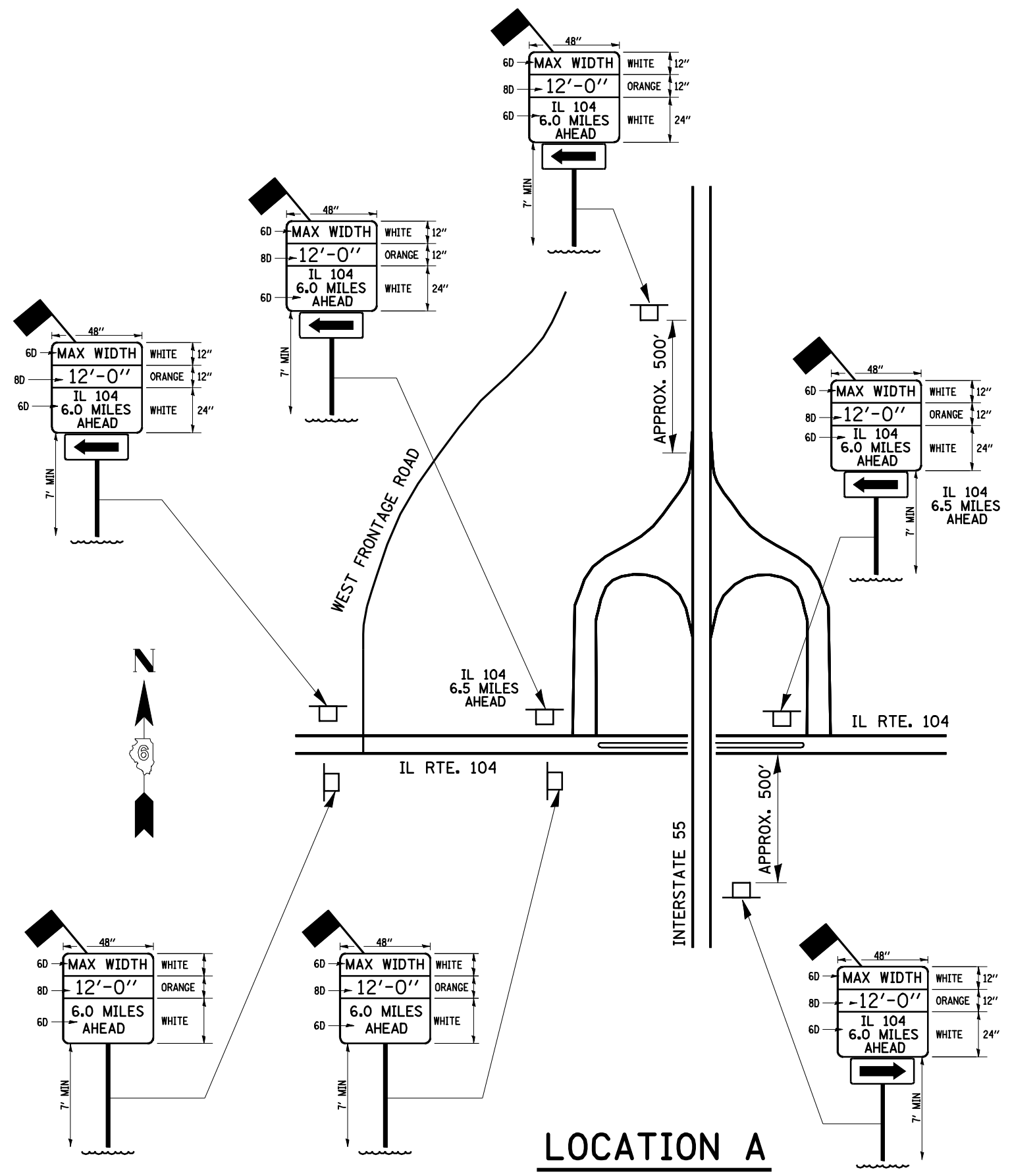
FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 104 & 10TH STREET INTERSECT			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
e:\pwwork\pwidot\LAUGHLINRL\0122712\0672062-shr-plan-8.dgn		DRAWN -	REVISED -		753	141RS-5 & 142RS-6	SANGAMON	62	38			
PLOT SCALE = 20.0000' / IN.		CHECKED -	REVISED -		CONTRACT NO. 72062							
PLOT DATE = Feb-05-2010 11:46:44AM		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							
				SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.				



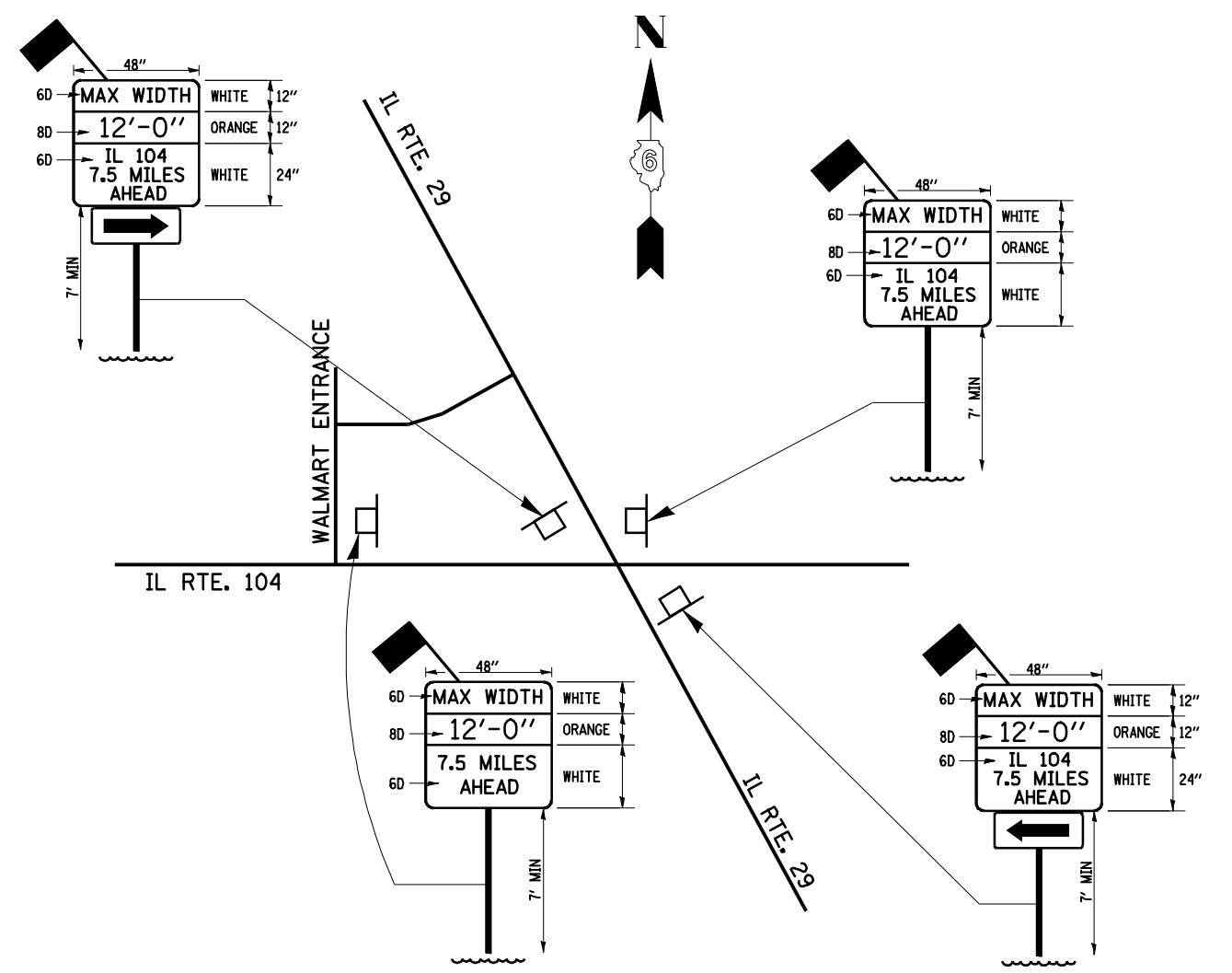
MAXIMUM WIDTH RESTRICTION SIGN PLACEMENT



FILE NAME = e:\pwork\PWIDOT\LAUGHLINRL\0122712\0672C62-sh-t-sign.dgn	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WIDTH RESTRICTION SIGN DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -		SCALE:	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.	753	141RS-6&142RS-6	*	62	39
		CHECKED -	REVISED -						CONTRACT NO. 72B13				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



LOCATION A



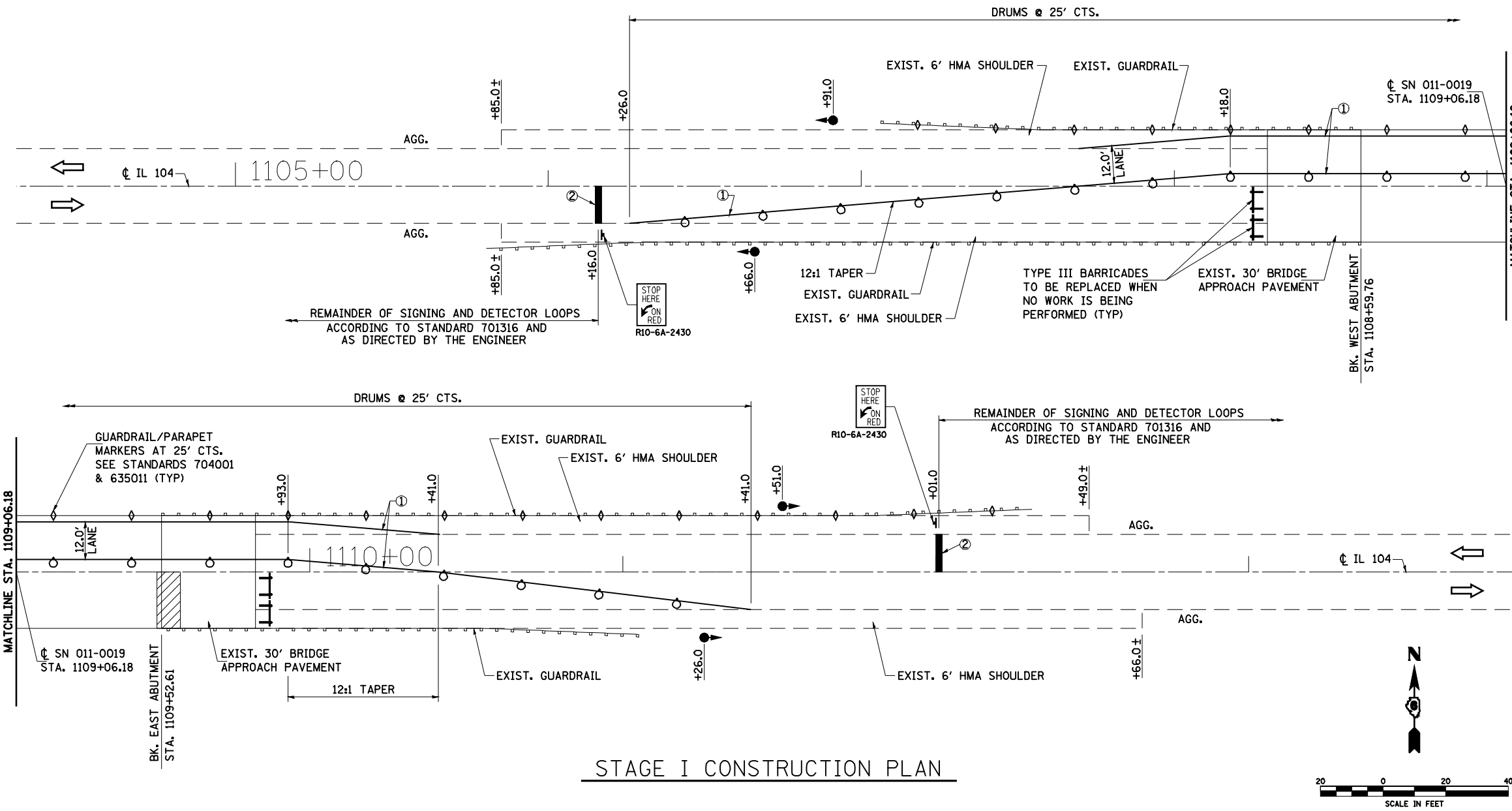
LOCATION B

GENERAL NOTES:

ACTUAL MAXIMUM WIDTHS ARE TO BE MEASURED BY THE ENGINEER AFTER TEMPORARY CONCRETE BARRIER WALL IS PLACED FOR STAGE ONE TRAFFIC. WIDTH SHALL BE REMEASURED AND SIGNS UPDATED FOR STAGE TWO.

MAXIMUM WIDTH SIGNS SHALL BE PAID FOR AS ONE LUMP SUM UNDER "WIDTH RESTRICTION SIGNING" (PAY CODE # X7200201).

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WIDTH RESTRICTION SIGN DETAILS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
er:\pwwork\pwidot\LAUGHLINRL\0122712\0672062-sh-t-sign.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO. 2 OF 2 SHEETS	STA.	753	141RS-6&142RS-6	*	62	40
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -		TO STA.			CONTRACT NO. 72B13				
PLOT DATE = Feb-05-2010 01:36:32PM		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				



STAGE I CONSTRUCTION PLAN

TRAFFIC STAGING NOTES

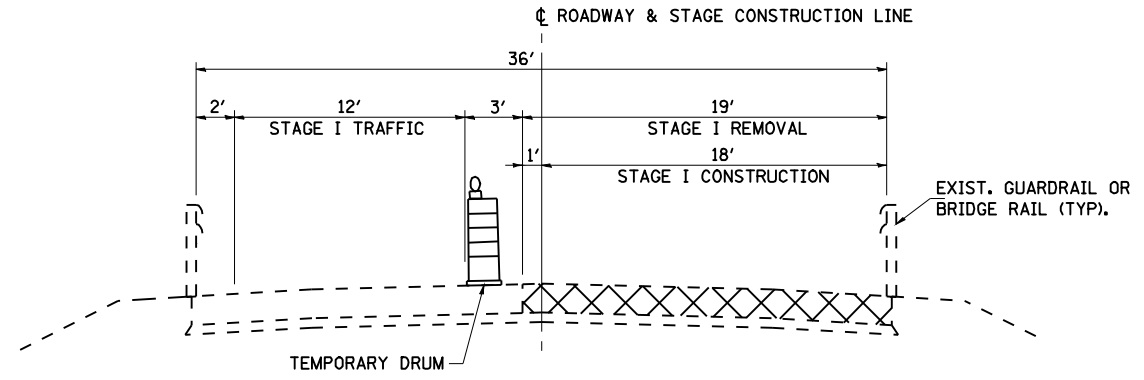
1. THIS TRAFFIC CONTROL PLAN SHALL BE USED IN CONJUNCTION WITH STANDARD 701316 AND AS DIRECTED BY THE ENGINEER.
2. SIGNAL AHEAD SIGNS SHALL BE ERECTED DURING STAGE CONSTRUCTION BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. COST OF SIGNS SHALL BE INCLUDED IN THE COST FOR "TRAFFIC CONTROL AND PROTECTION, STANDARD 701316 (SPECIAL)."
3. DURING STAGE CONSTRUCTION ADDITIONAL FLAGGERS ARE NECESSARY FOR REPAIRS TO BRIDGE APPROACH PAVEMENT AND BRIDGE ABUTMENT OPERATIONS.
4. ALL WORK REQUIRED TO SET UP, MAINTAIN, AND REMOVE TRAFFIC CONTROL AS DETAILED IN THESE PLANS SHALL BE INCLUDED IN THE COST FOR "TRAFFIC CONTROL AND PROTECTION, STANDARD 701316 (SPECIAL)."
5. THE CONTRACTOR MUST PLACE MAXIMUM WIDTH SIGNS PRIOR TO IMPLEMENTING ANY STAGE'S TRAFFIC CONTROL. THESE SIGNS SHALL BE PLACED AS SHOWN ON STANDARD 701316 AND INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION, STANDARD 701316 (SPECIAL)."
6. TEMPORARY SIGNING, BARRICADES OR DRUMS, AND TEMPORARY WALL BARRIER REFLECTORS SHALL BE PLACED IN ACCORDANCE WITH STANDARD 701316, OR AS DIRECTED BY THE ENGINEER.
7. THE CONTRACTOR SHALL NOTIFY THE DISTRICT 6 TRAFFIC SECTION OF THE BUREAU OF OPERATIONS (PH: 217-785-5312) AT LEAST THREE WEEKS PRIOR TO IMPLEMENTING STAGE TRAFFIC CONTROL AND WHEN EVER A SWITCH IN STAGING IS MADE.
8. THE CONTRACTOR MUST NOTIFY THE DISTRICT 6 TRAFFIC SECTION OF THE BUREAU OF OPERATIONS AT LEAST THREE (3) DAYS PRIOR TO ACTIVATING THE TEMPORARY TRAFFIC SIGNALS. PLEASE REFER TO THE DISTRICT 6 SPECIAL PROVISION FOR TEMPORARY BRIDGE TRAFFIC SIGNALS FOR CONTACT INFORMATION.
9. ACCESS MUST BE PROVIDED TO ALL F.E. AS REQUIRED BY THE PROPERTY OWNER. NO SIGNALS WILL BE REQUIRED FOR THEM.
10. EXISTING PAVEMENT MARKING THAT CONFLICTS WITH THE REVISED STAGE TRAFFIC PATTERNS DURING ALL PHASES OF STAGE CONSTRUCTION SHALL BE REMOVED AS SPECIFIED IN SECTION 783 OF THE STANDARD SPECIFICATIONS AND PAID FOR AS "PAVEMENT MARKING REMOVAL."
11. THE COST TO INSTALL AND REMOVE TEMPORARY PAVEMENT MARKINGS DETAILED ON THESE SHEETS SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION, STANDARD 701316 (SPECIAL)."

PRELIMINARY STAGE - SUGGESTED CONSTRUCTION SEQUENCE

1. SET UP STAGE I TRAFFIC CONTROL UTILIZING THESE PLANS IN CONJUNCTION WITH HIGHWAY STANDARD 701316. BE SURE TO USE THE LATEST REVISION AS INCLUDED WITH THESE PLANS.
2. PLACE MAXIMUM WIDTH SIGNING AT THE LOCATIONS AS SHOWN ON STANDARD 701316.
3. PLACE TEMPORARY BARRICADES OR DRUMS AND PAVEMENT MARKINGS IN ACCORDANCE WITH THESE PLANS.
4. INSTALL TEMPORARY SIGNALIZATIONS AND DETECTION SYSTEMS AT LOCATIONS CALLED OUT IN THESE PLANS FOR SN 011-0019.
5. ALL SIGNALS ARE TO BE ACTUATED.
6. PROVIDE TWO MESSAGE SIGNS FOR DURATION OF CONTRACT AND ADJUST AS DIRECTED BY THE ENGINEER.

STAGE I - SUGGESTED CONSTRUCTION SEQUENCE

1. PERFORM STAGE I BRIDGE APPROACH PAVEMENT AND ABUMENT REPAIRS TO SN 011-0019.
2. INSTALL PERMANENT GUARDRAIL AS SHOWN IN THESE PLAN FOR STAGE II TRAFFIC.



TYPICAL SECTION - STAGE I CONSTRUCTION

SN 011-0019 - LOOKING EAST

LEGEND

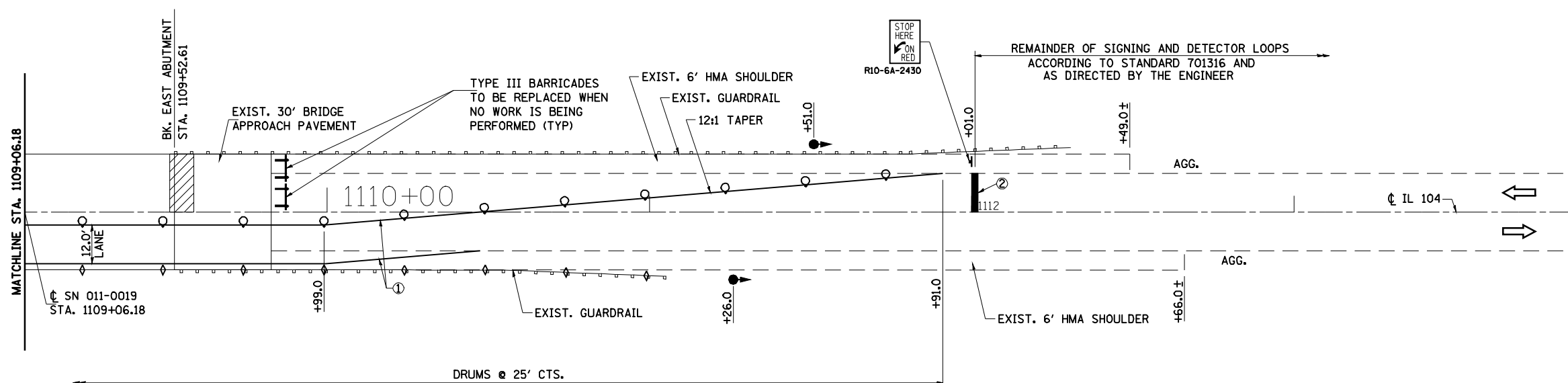
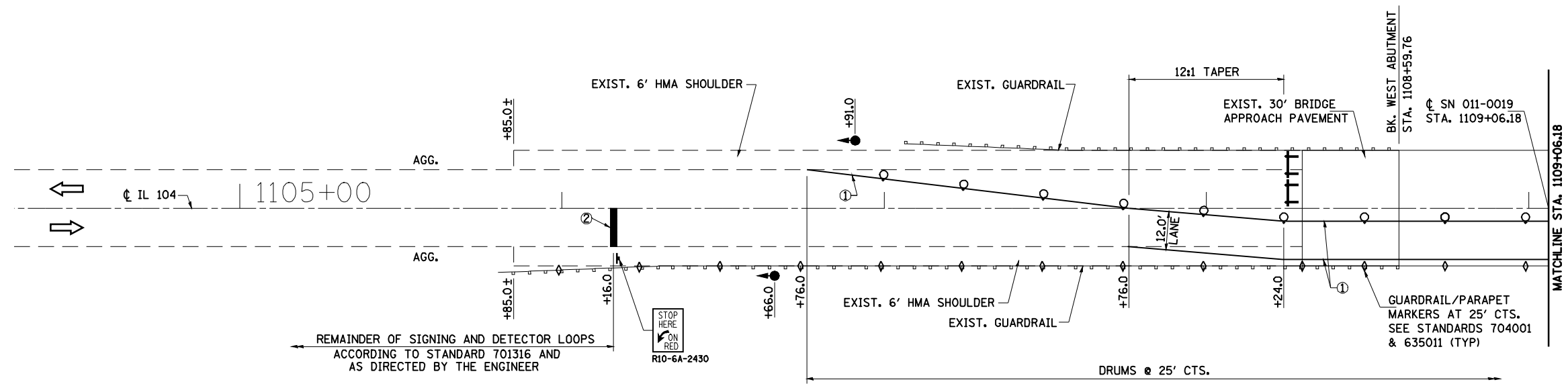
- ↑ SIGN
- ⊥ TYPE III BARRICADE WITH FLASHING LIGHTS
- DRUM WITH STEADY BURNING LIGHT
- ◇ TYPE C BIDIRECTIONAL REFLECTOR
- TEMPORARY TRAFFIC SIGNAL
- ▬ DOUBLE VERTICAL PANEL
- ◇ DETECTOR LOOPS
- ① TEMPORARY PAVEMENT MARKING, LINE 5" WHITE
- ② TEMPORARY PAVEMENT MARKING, LINE 24" WHITE
- ▨ WORK AREA

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
er\pwork\PWIDOT\LAUGHLINRL\dms25619\0672813-ah-t-staging-an019.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

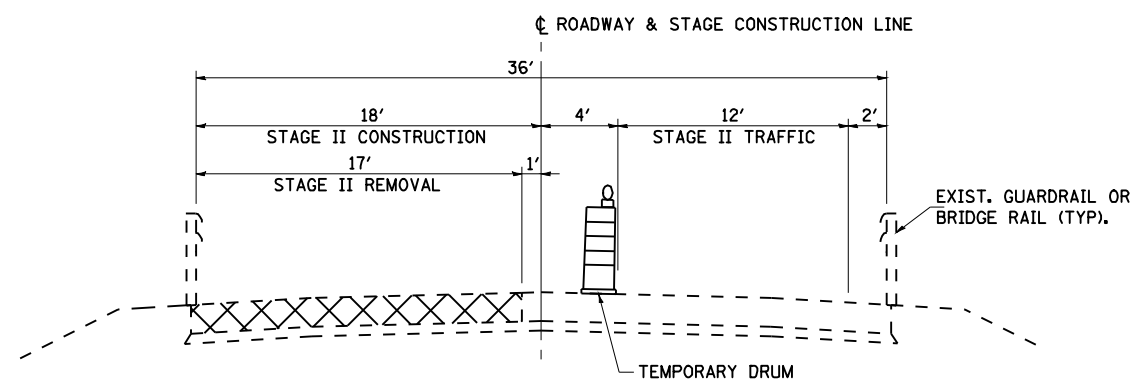
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC &
STAGING PLANS - SN 011-0019**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	141RS-6&142RS-6	*	62	41
CONTRACT NO.			72B13	
ILLINOIS FED. AID PROJECT				



STAGE II CONSTRUCTION PLAN



TYPICAL SECTION - STAGE II CONSTRUCTION

SN 011-0019 - LOOKING EAST

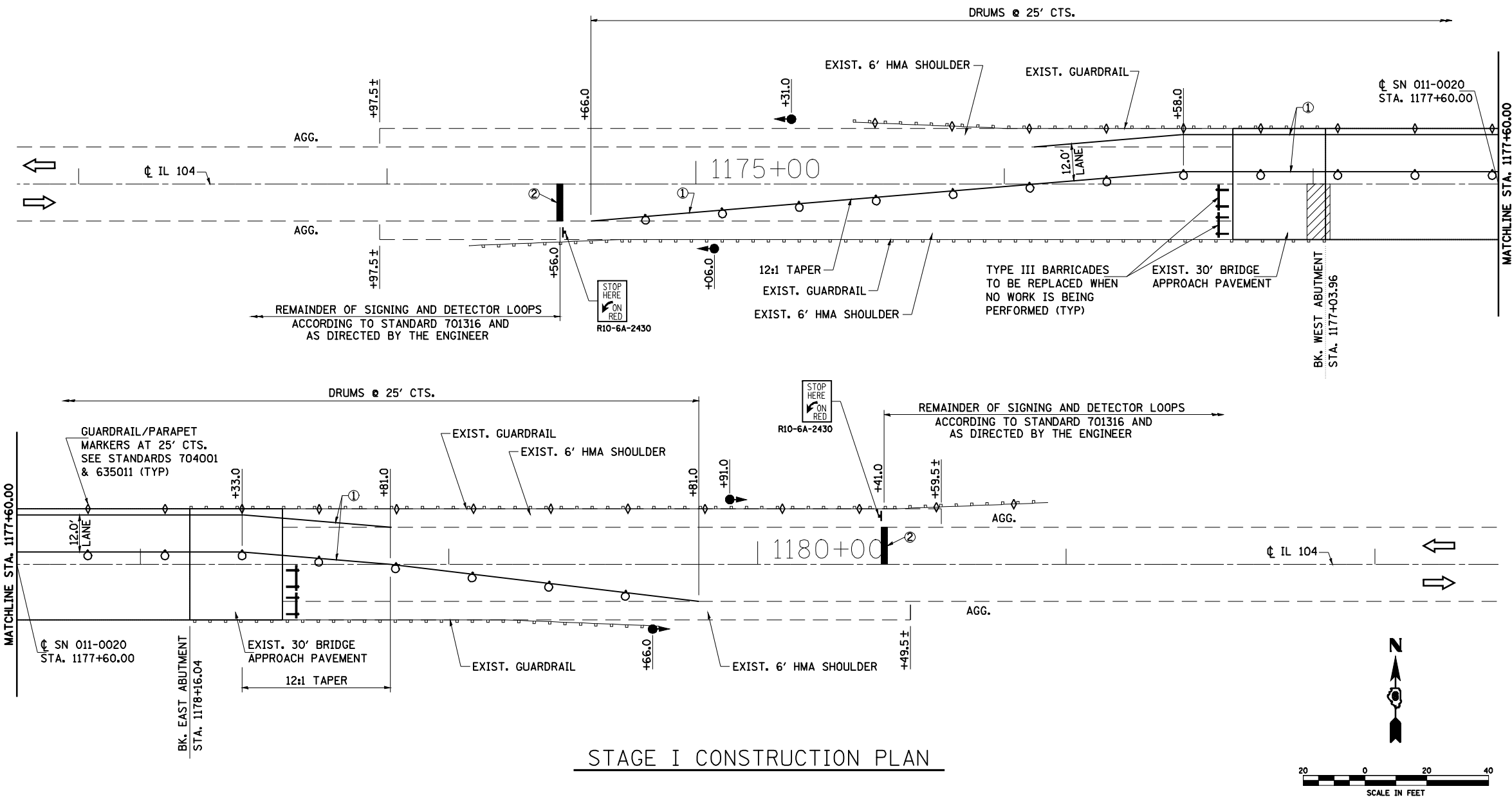
STAGE II - SUGGESTED CONSTRUCTION SEQUENCE

- FOLLOWING COMPLETION OF STAGE I CONSTRUCTION:
1. RELOCATE THE TEMPORARY BARRICADES OR DRUMS AND PLACE TEMPORARY PAVEMENT MARKINGS IN ACCORDANCE WITH THESE PLANS.
 2. PERFORM STAGE II BRIDGE APPROACH PAVEMENT AND ABUTMENT REPAIRS TO SN 011-0019
 3. INSTALL PERMANENT GUARDRAIL AS DETAILED IN THESE PLANS.
 4. REMOVE TEMPORARY PAVEMENT MARKINGS FOR STAGE CONSTRUCTION AND PLACE TEMPORARY PAVEMENT MARKINGS FOR TWO-WAY TRAFFIC.

LEGEND

	SIGN
	TYPE III BARRICADE WITH FLASHING LIGHTS
	DRUM WITH STEADY BURNING LIGHT
	TYPE C BIDIRECTIONAL REFLECTOR
	TEMPORARY TRAFFIC SIGNAL
	DOUBLE VERTICAL PANEL
	DETECTOR LOOPS
	TEMPORARY PAVEMENT MARKING, LINE 5" WHITE
	TEMPORARY PAVEMENT MARKING, LINE 24" WHITE
	WORK AREA

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC & STAGING PLANS - SN 011-0019			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
er:\pwork\PWIDOT\LAUGHLINRL\dms25619\0672813-ah-t-staging-an019.dgn		DRAWN -	REVISED -		753	141RS-6&142RS-6		62	42			
PLOT SCALE = 48.0000' / IN.		CHECKED -	REVISED -		CONTRACT NO. 72B13			ILLINOIS FED. AID PROJECT				
PLOT DATE = Feb-05-2010 11:46:54AM		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.			



TRAFFIC STAGING NOTES

1. THIS TRAFFIC CONTROL PLAN SHALL BE USED IN CONJUNCTION WITH STANDARD 701316 AND AS DIRECTED BY THE ENGINEER.
2. SIGNAL AHEAD SIGNS SHALL BE ERECTED DURING STAGE CONSTRUCTION BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. COST OF SIGNS SHALL BE INCLUDED IN THE COST FOR "TRAFFIC CONTROL AND PROTECTION, STANDARD 701316 (SPECIAL)."
3. DURING STAGE CONSTRUCTION ADDITIONAL FLAGGERS ARE NECESSARY FOR REPAIRS TO BRIDGE APPROACH PAVEMENT AND BRIDGE ABUTMENT OPERATIONS.
4. ALL WORK REQUIRED TO SET UP, MAINTAIN, AND REMOVE TRAFFIC CONTROL AS DETAILED IN THESE PLANS SHALL BE INCLUDED IN THE COST FOR "TRAFFIC CONTROL AND PROTECTION, STANDARD 701316 (SPECIAL)."
5. THE CONTRACTOR MUST PLACE MAXIMUM WIDTH SIGNS PRIOR TO IMPLEMENTING ANY STAGE'S TRAFFIC CONTROL. THESE SIGNS SHALL BE PLACED AS SHOWN ON STANDARD 701316 AND INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION, STANDARD 701316 (SPECIAL)."
6. TEMPORARY SIGNING, BARRICADES OR DRUMS, AND TEMPORARY WALL BARRIER REFLECTORS SHALL BE PLACED IN ACCORDANCE WITH STANDARD 701316, OR AS DIRECTED BY THE ENGINEER.
7. THE CONTRACTOR SHALL NOTIFY THE DISTRICT 6 TRAFFIC SECTION OF THE BUREAU OF OPERATIONS (PH: 217-785-5312) AT LEAST THREE WEEKS PRIOR TO IMPLEMENTING STAGE TRAFFIC CONTROL AND WHEN EVER A SWITCH IN STAGING IS MADE.
8. THE CONTRACTOR MUST NOTIFY THE DISTRICT 6 TRAFFIC SECTION OF THE BUREAU OF OPERATIONS AT LEAST THREE (3) DAYS PRIOR TO ACTIVATING THE TEMPORARY TRAFFIC SIGNALS. PLEASE REFER TO THE DISTRICT 6 SPECIAL PROVISION FOR TEMPORARY BRIDGE TRAFFIC SIGNALS FOR CONTACT INFORMATION.
9. ACCESS MUST BE PROVIDED TO ALL F.E. AS REQUIRED BY THE PROPERTY OWNER. NO SIGNALS WILL BE REQUIRED FOR THEM.
10. EXISTING PAVEMENT MARKING THAT CONFLICTS WITH THE REVISED STAGE TRAFFIC PATTERNS DURING ALL PHASES OF STAGE CONSTRUCTION SHALL BE REMOVED AS SPECIFIED IN SECTION 783 OF THE STANDARD SPECIFICATIONS AND PAID FOR AS "PAVEMENT MARKING REMOVAL."
11. THE COST TO INSTALL AND REMOVE TEMPORARY PAVEMENT MARKINGS DETAILED ON THESE SHEETS SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION, STANDARD 701316 (SPECIAL)."

STAGE I CONSTRUCTION PLAN

PRELIMINARY STAGE - SUGGESTED CONSTRUCTION SEQUENCE

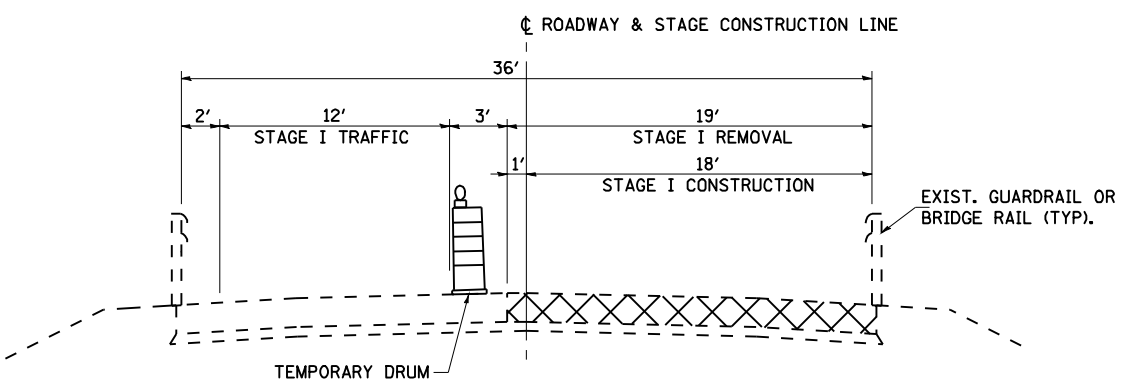
1. SET UP STAGE I TRAFFIC CONTROL UTILIZING THESE PLANS IN CONJUNCTION WITH HIGHWAY STANDARD 701316. BE SURE TO USE THE LATEST REVISION AS INCLUDED WITH THESE PLANS.
2. PLACE MAXIMUM WIDTH SIGNING AT THE LOCATIONS AS SHOWN ON STANDARD 701316.
3. PLACE TEMPORARY BARRICADES OR DRUMS AND PAVEMENT MARKINGS IN ACCORDANCE WITH THESE PLANS.
4. INSTALL TEMPORARY SIGNALIZATIONS AND DETECTION SYSTEMS AT LOCATIONS CALLED OUT IN THESE PLANS FOR SN 011-0020.
5. ALL SIGNALS ARE TO BE ACTUATED.
6. PROVIDE TWO MESSAGE SIGNS FOR DURATION OF CONTRACT AND ADJUST AS DIRECTED BY THE ENGINEER.

STAGE I - SUGGESTED CONSTRUCTION SEQUENCE

1. PERFORM STAGE I BRIDGE APPROACH PAVEMENT AND ABUMENT REPAIRS TO SN 011-0020.
2. INSTALL PERMANENT GUARDRAIL AS SHOWN IN THESE PLAN FOR STAGE II TRAFFIC.

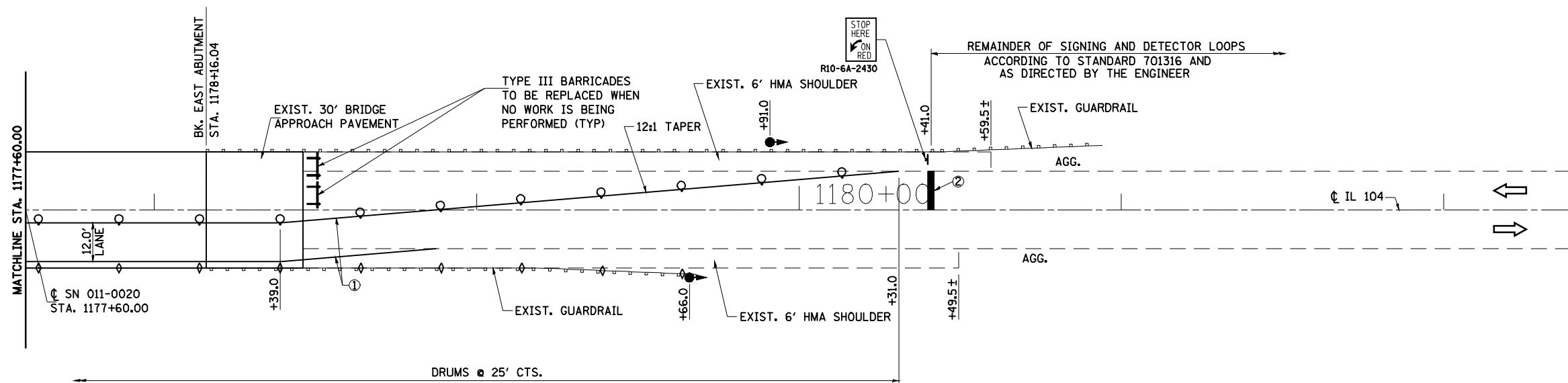
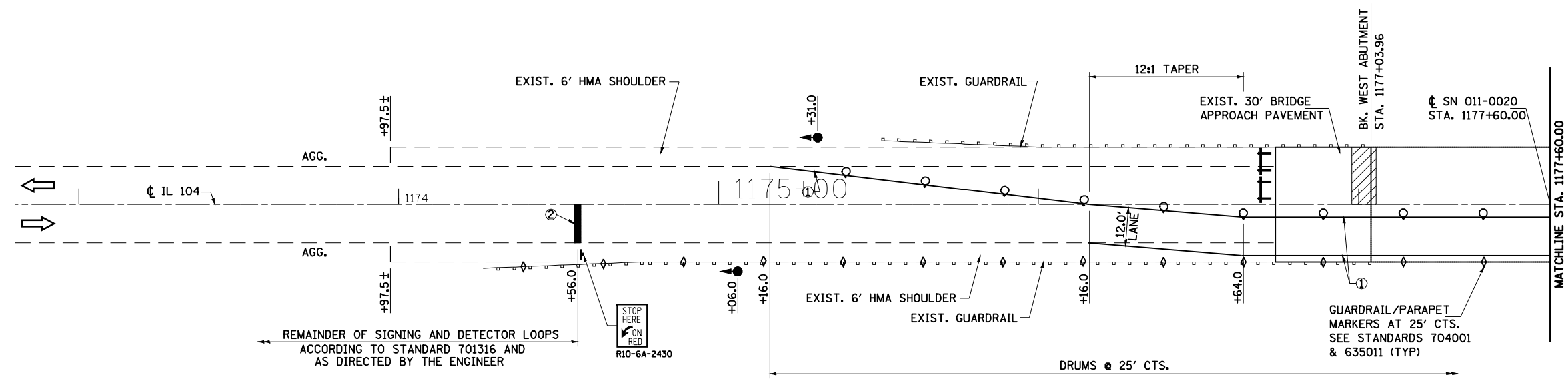
LEGEND

- ⊠ SIGN
- ⊠ TYPE III BARRICADE WITH FLASHING LIGHTS
- DRUM WITH STEADY BURNING LIGHT
- ◇ TYPE C BIDIRECTIONAL REFLECTOR
- TEMPORARY TRAFFIC SIGNAL
- ⊠ DOUBLE VERTICAL PANEL
- ◇ DETECTOR LOOPS
- ① TEMPORARY PAVEMENT MARKING, LINE 5" WHITE
- ② TEMPORARY PAVEMENT MARKING, LINE 24" WHITE
- ▨ WORK AREA

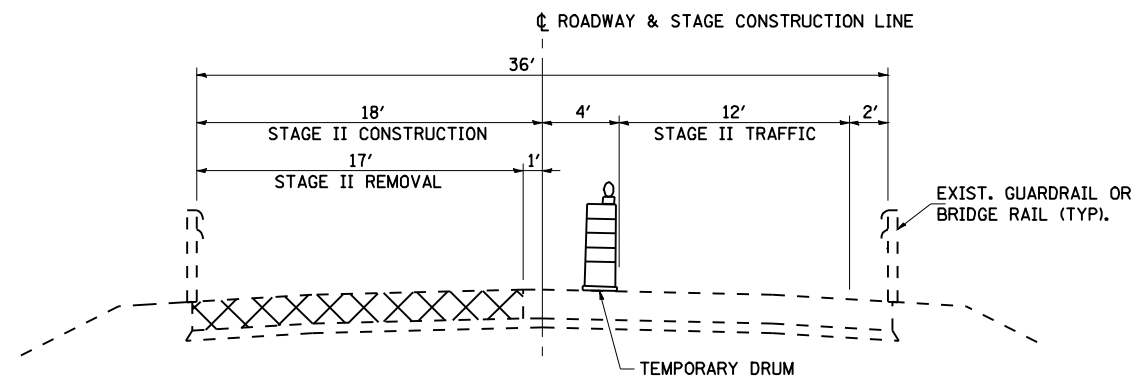


TYPICAL SECTION - STAGE I CONSTRUCTION
SN 011-0020 - LOOKING EAST

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC & STAGING PLANS - SN 011-0020			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pwwork\pwidot\LAUGHLINRL\dms25619\10672813-ah-t-staging-an0020.dgn	DRAWN -	REVISED -	753					141RS-6&142RS-6	*	62	43	
PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 72813									
PLOT DATE = Feb-05-2010 11:46:57AM	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									
					SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	* SANGAMON, CHRISTIAN		



STAGE II CONSTRUCTION PLAN



TYPICAL SECTION - STAGE II CONSTRUCTION
SN 011-0020 - LOOKING EAST

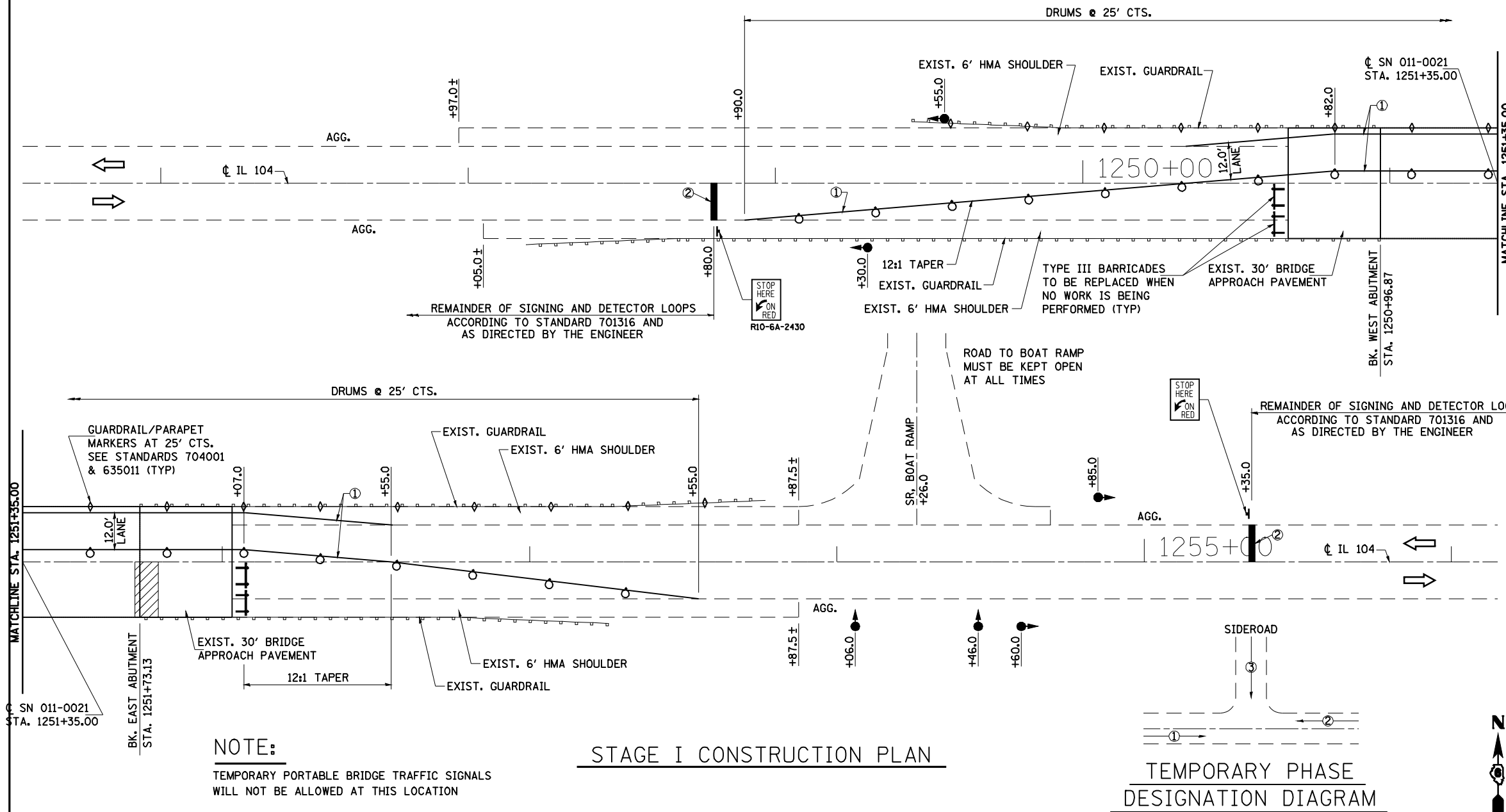
STAGE II - SUGGESTED CONSTRUCTION SEQUENCE

- FOLLOWING COMPLETION OF STAGE I CONSTRUCTION:
1. RELOCATE THE TEMPORARY BARRICADES OR DRUMS AND PLACE TEMPORARY PAVEMENT MARKINGS IN ACCORDANCE WITH THESE PLANS.
 2. PERFORM STAGE II BRIDGE APPROACH PAVEMENT AND ABUTMENT REPAIRS TO SN 011-0020
 3. INSTALL PERMANENT GUARDRAIL AS DETAILED IN THESE PLANS.
 4. REMOVE TEMPORARY PAVEMENT MARKINGS FOR STAGE CONSTRUCTION AND PLACE TEMPORARY PAVEMENT MARKINGS FOR TWO-WAY TRAFFIC.

LEGEND

	SIGN
	TYPE III BARRICADE WITH FLASHING LIGHTS
	DRUM WITH STEADY BURNING LIGHT
	TYPE C BIDIRECTIONAL REFLECTOR
	TEMPORARY TRAFFIC SIGNAL
	DOUBLE VERTICAL PANEL
	DETECTOR LOOPS
	TEMPORARY PAVEMENT MARKING, LINE 5" WHITE
	TEMPORARY PAVEMENT MARKING, LINE 24" WHITE
	WORK AREA

FILE NAME = e:\pwork\pwidot\LAUGHLINRL\dms25619\0672813-ah-t-staging-an0020.dgn	USER NAME = laughlinr1	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC & STAGING PLANS - SN 011-0020			F.A.P. RTE. 753	SECTION 141RS-6&142RS-6	COUNTY *	TOTAL SHEETS 62	SHEET NO. 44
	PLOT SCALE = 40.0000' / IN.	CHECKED - DATE -	REVISED - REVISED -		SCALE:	SHEET NO. OF SHEETS STA. TO STA.	CONTRACT NO. 72B13			ILLINOIS FED. AID PROJECT		



TRAFFIC STAGING NOTES

1. THIS TRAFFIC CONTROL PLAN SHALL BE USED IN CONJUNCTION WITH STANDARD 701316 AND AS DIRECTED BY THE ENGINEER.
2. SIGNAL AHEAD SIGNS SHALL BE ERECTED DURING STAGE CONSTRUCTION BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. COST OF SIGNS SHALL BE INCLUDED IN THE COST FOR "TRAFFIC CONTROL AND PROTECTION, STANDARD 701316 (SPECIAL)."
3. DURING STAGE CONSTRUCTION ADDITIONAL FLAGGERS ARE NECESSARY FOR REPAIRS TO BRIDGE APPROACH PAVEMENT AND BRIDGE ABUTMENT OPERATIONS.
4. ALL WORK REQUIRED TO SET UP, MAINTAIN, AND REMOVE TRAFFIC CONTROL AS DETAILED IN THESE PLANS SHALL BE INCLUDED IN THE COST FOR "TRAFFIC CONTROL AND PROTECTION, STANDARD 701316 (SPECIAL)."
5. THE CONTRACTOR MUST PLACE MAXIMUM WIDTH SIGNS PRIOR TO IMPLEMENTING ANY STAGE'S TRAFFIC CONTROL. THESE SIGNS SHALL BE PLACED AS SHOWN ON STANDARD 701316 AND INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION, STANDARD 701316 (SPECIAL)."
6. TEMPORARY SIGNING, BARRICADES OR DRUMS, AND TEMPORARY WALL BARRIER REFLECTORS SHALL BE PLACED IN ACCORDANCE WITH STANDARD 701316, OR AS DIRECTED BY THE ENGINEER.
7. THE CONTRACTOR SHALL NOTIFY THE DISTRICT 6 TRAFFIC SECTION OF THE BUREAU OF OPERATIONS (PH: 217-785-5312) AT LEAST THREE WEEKS PRIOR TO IMPLEMENTING STAGE TRAFFIC CONTROL AND WHEN EVER A SWITCH IN STAGING IS MADE.
8. THE CONTRACTOR MUST NOTIFY THE DISTRICT 6 TRAFFIC SECTION OF THE BUREAU OF OPERATIONS AT LEAST THREE (3) DAYS PRIOR TO ACTIVATING THE TEMPORARY TRAFFIC SIGNALS. PLEASE REFER TO THE DISTRICT 6 SPECIAL PROVISION FOR TEMPORARY BRIDGE TRAFFIC SIGNALS FOR CONTACT INFORMATION.
9. ACCESS MUST BE PROVIDED TO ALL F.E. AS REQUIRED BY THE PROPERTY OWNER. NO SIGNALS WILL BE REQUIRED FOR THEM.
10. EXISTING PAVEMENT MARKING THAT CONFLICTS WITH THE REVISED STAGE TRAFFIC PATTERNS DURING ALL PHASES OF STAGE CONSTRUCTION SHALL BE REMOVED AS SPECIFIED IN SECTION 783 OF THE STANDARD SPECIFICATIONS AND PAID FOR AS "PAVEMENT MARKING REMOVAL."
11. THE COST TO INSTALL AND REMOVE TEMPORARY PAVEMENT MARKINGS DETAILED ON THESE SHEETS SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION, STANDARD 701316 (SPECIAL)."

NOTE:
TEMPORARY PORTABLE BRIDGE TRAFFIC SIGNALS WILL NOT BE ALLOWED AT THIS LOCATION

STAGE I CONSTRUCTION PLAN

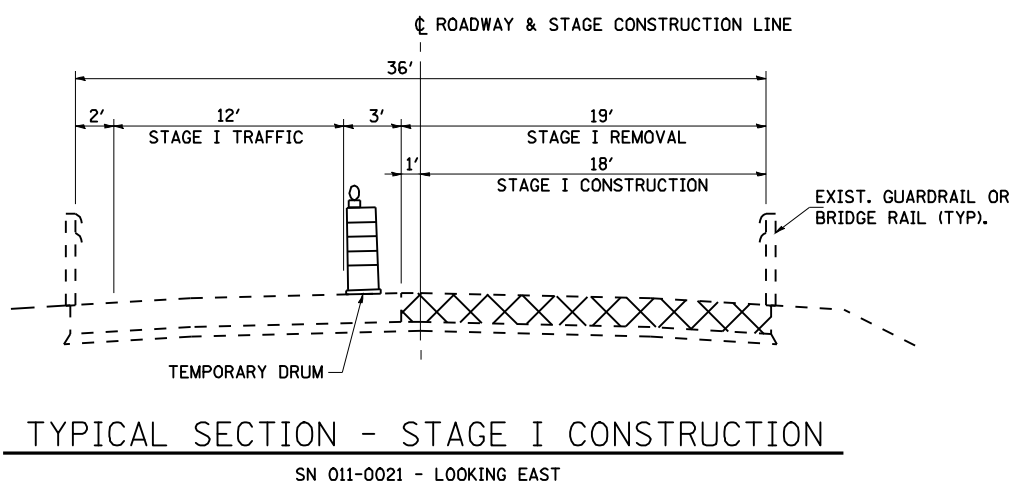
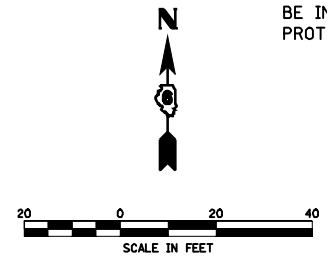
TEMPORARY PHASE DESIGNATION DIAGRAM

PRELIMINARY STAGE - SUGGESTED CONSTRUCTION SEQUENCE

1. SET UP STAGE I TRAFFIC CONTROL UTILIZING THESE PLANS IN CONJUNCTION WITH HIGHWAY STANDARD 701316. BE SURE TO USE THE LATEST REVISION AS INCLUDED WITH THESE PLANS.
2. PLACE MAXIMUM WIDTH SIGNING AT THE LOCATIONS AS SHOWN ON STANDARD 701316.
3. PLACE TEMPORARY BARRICADES OR DRUMS AND PAVEMENT MARKINGS IN ACCORDANCE WITH THESE PLANS.
4. INSTALL TEMPORARY SIGNALIZATION AND DETECTION SYSTEMS AT THE LOCATION CALLED OUT IN THESE PLANS FOR SN 011-0021. THE SIDE ROAD LT. STA. 1254+26+/- MUST REMAIN OPEN AT ALL TIMES DURING REPAIRS TO THE BRIDGE AND APPROACH PAVEMENT. A SEPARATE SIGNAL HEAD WILL BE USED TO CONTROL THIS INTERMEDIATE SIDE ROAD.
5. ALL SIGNALS ARE TO BE ACTUATED.
6. PROVIDE TWO MESSAGE SIGNS FOR DURATION OF OF CONTRACT AND ADJUST AS DIRECTED BY THE ENGINEER. .

STAGE I - SUGGESTED CONSTRUCTION SEQUENCE

1. PERFORM STAGE I BRIDGE APPROACH PAVEMENT AND ABUMENT REPAIRS TO SN 011-0019.
2. INSTALL PERMANENT GUARDRAIL AS SHOWN IN THESE PLAN FOR STAGE II TRAFFIC.



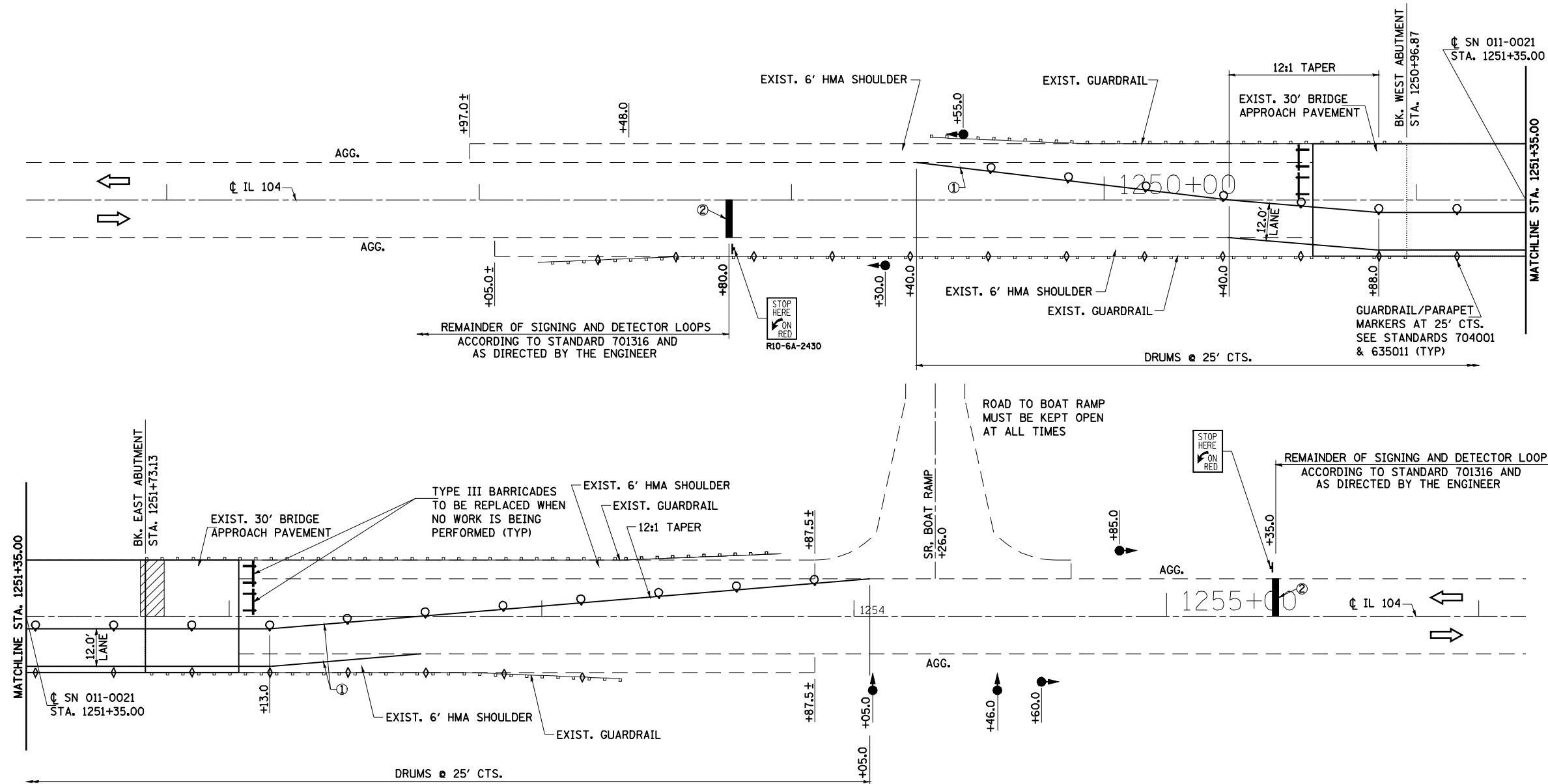
TYPICAL SECTION - STAGE I CONSTRUCTION
SN 011-0021 - LOOKING EAST

LEGEND

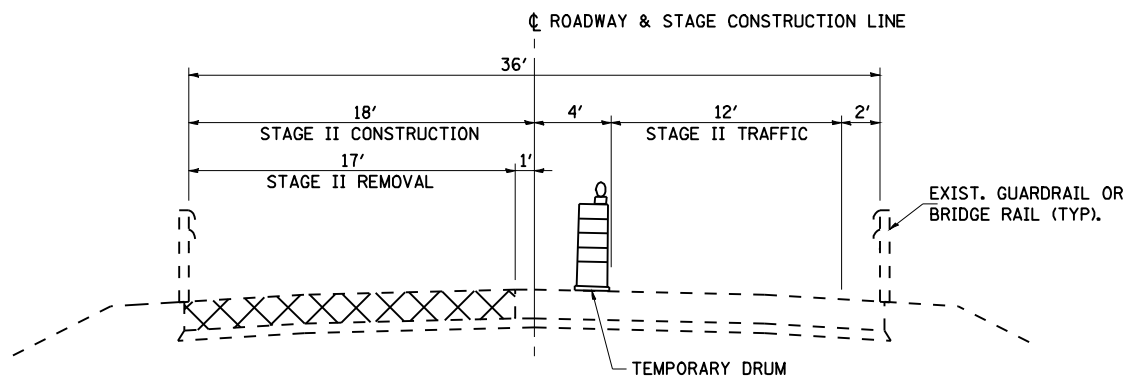
↑	SIGN
⊥	TYPE III BARRICADE WITH FLASHING LIGHTS
○	DRUM WITH STEADY BURNING LIGHT
◇	TYPE C BIDIRECTIONAL REFLECTOR
●	TEMPORARY TRAFFIC SIGNAL
▬	DOUBLE VERTICAL PANEL
□◇	DETECTOR LOOPS
①	TEMPORARY PAVEMENT MARKING, LINE 5" WHITE
②	TEMPORARY PAVEMENT MARKING, LINE 24" WHITE
▨	WORK AREA

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
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PLOT DATE = Feb-05-2010 11:47:02AM		DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		MAINTENANCE OF TRAFFIC & STAGING PLANS - SN 011-0021		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				753	141RS-6&142RS-6		62	45
SCALE:				SHEET NO. OF SHEETS		STA. TO STA.		CONTRACT NO. 72813
								ILLINOIS FED. AID PROJECT



STAGE II CONSTRUCTION PLAN



TYPICAL SECTION - STAGE II CONSTRUCTION
SN 011-0021 - LOOKING EAST

STAGE II - SUGGESTED CONSTRUCTION SEQUENCE

- FOLLOWING COMPLETION OF STAGE I CONSTRUCTION:
1. RELOCATE THE TEMPORARY BARRICADES OR DRUMS AND PLACE TEMPORARY PAVEMENT MARKINGS IN ACCORDANCE WITH THESE PLANS.
 2. PERFORM STAGE II BRIDGE APPROACH PAVEMENT AND ABUTMENT REPAIRS TO SN 011-0021
 3. INSTALL PERMANENT GUARDRAIL AS DETAILED IN THESE PLANS.
 4. REMOVE TEMPORARY PAVEMENT MARKINGS FOR STAGE CONSTRUCTION AND PLACE TEMPORARY PAVEMENT MARKINGS FOR TWO-WAY TRAFFIC.

LEGEND

- ↑ SIGN
- ⊥ TYPE III BARRICADE WITH FLASHING LIGHTS
- DRUM WITH STEADY BURNING LIGHT
- ◇ TYPE C BIDIRECTIONAL REFLECTOR
- TEMPORARY TRAFFIC SIGNAL
- ▬ DOUBLE VERTICAL PANEL
- ◻ DETECTOR LOOPS
- ① TEMPORARY PAVEMENT MARKING, LINE 5" WHITE
- ② TEMPORARY PAVEMENT MARKING, LINE 24" WHITE
- ▨ WORK AREA

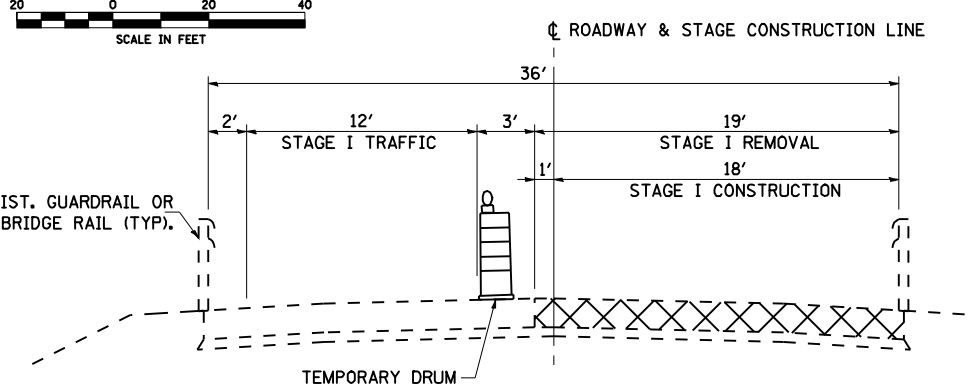
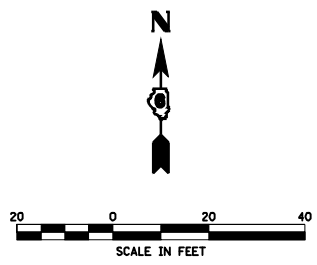
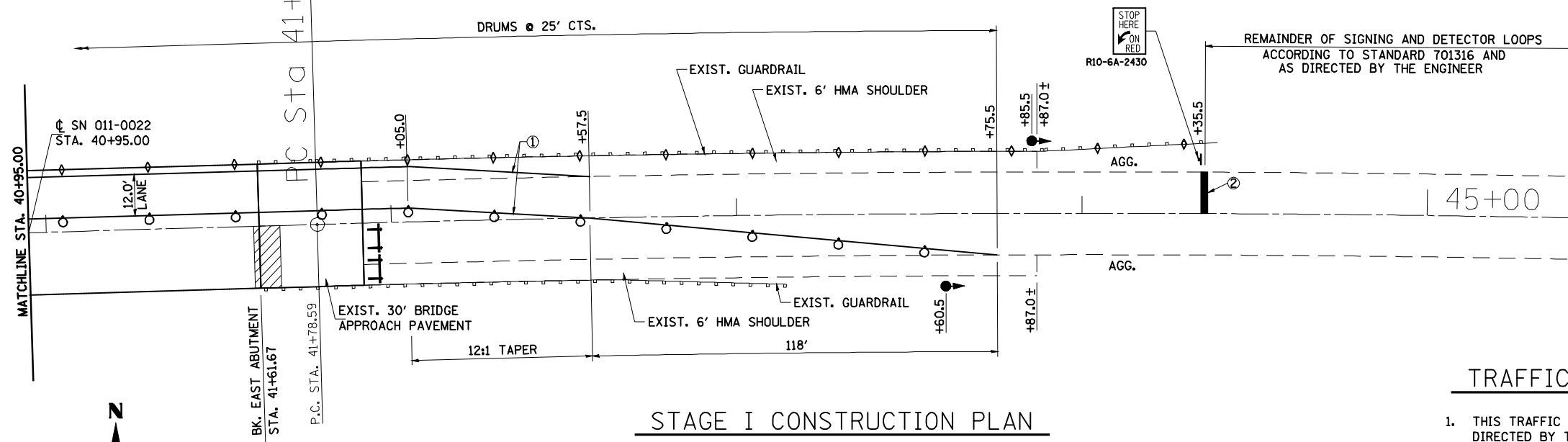
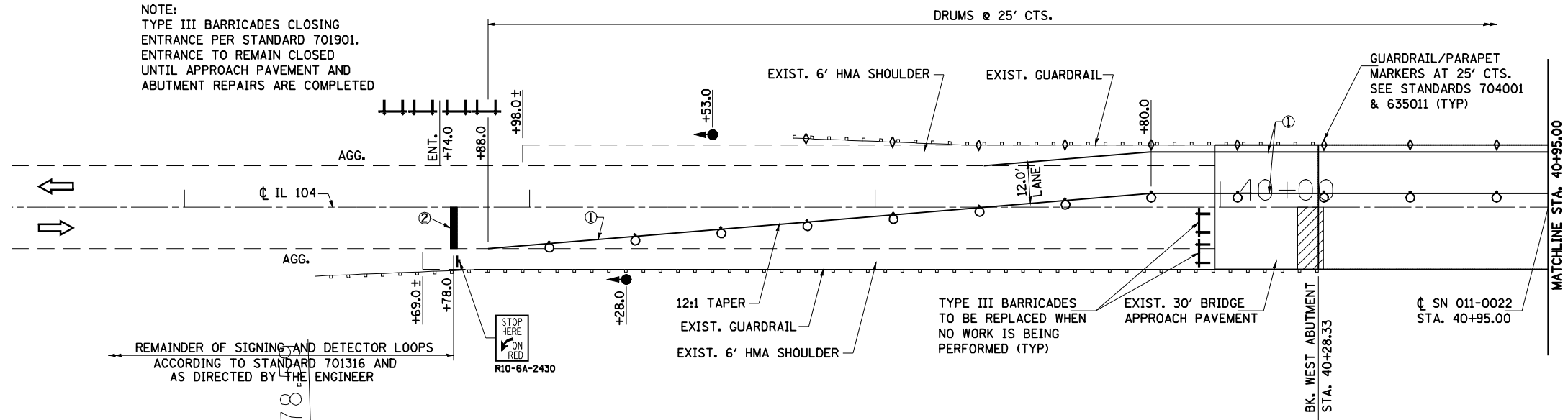
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PLOT SCALE = 40.0000 ' / IN.		CHECKED -	REVISED -
PLOT DATE = Feb-05-2010 11:47:05AM		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC & STAGING PLANS - SN 011-0021			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	141RS-6&142RS-6		62	46
CONTRACT NO. 72B13			ILLINOIS FED. AID PROJECT	

NOTE:
 TYPE III BARRICADES CLOSING
 ENTRANCE PER STANDARD 701901.
 ENTRANCE TO REMAIN CLOSED
 UNTIL APPROACH PAVEMENT AND
 ABUTMENT REPAIRS ARE COMPLETED



TYPICAL SECTION - STAGE I CONSTRUCTION

STAGE I CONSTRUCTION PLAN

PRELIMINARY STAGE - SUGGESTED CONSTRUCTION SEQUENCE

1. SET UP STAGE I TRAFFIC CONTROL UTILIZING THESE PLANS IN CONJUNCTION WITH HIGHWAY STANDARD 701316. BE SURE TO USE THE LATEST REVISION AS INCLUDED WITH THESE PLANS.
2. PLACE MAXIMUM WIDTH SIGNING AT THE LOCATIONS AS SHOWN ON STANDARD 701316.
3. PLACE TEMPORARY BARRICADES OR DRUMS AND PAVEMENT MARKINGS IN ACCORDANCE WITH THESE PLANS.
4. INSTALL TEMPORARY SIGNALIZATIONS AND DETECTION SYSTEMS AT LOCATIONS CALLED OUT IN THESE PLANS FOR SN 011-0022.
5. ALL SIGNALS ARE TO BE ACTUATED.
6. PROVIDE TWO MESSAGE SIGNS FOR DURATION OF CONTRACT AND ADJUST AS DIRECTED BY THE ENGINEER.

STAGE I - SUGGESTED CONSTRUCTION SEQUENCE

1. PERFORM STAGE I BRIDGE APPROACH PAVEMENT AND ABUMENT REPAIRS TO SN 011-0022.
2. INSTALL PERMANENT GUARDRAIL AS SHOWN IN THESE PLAN FOR STAGE II TRAFFIC.

LEGEND

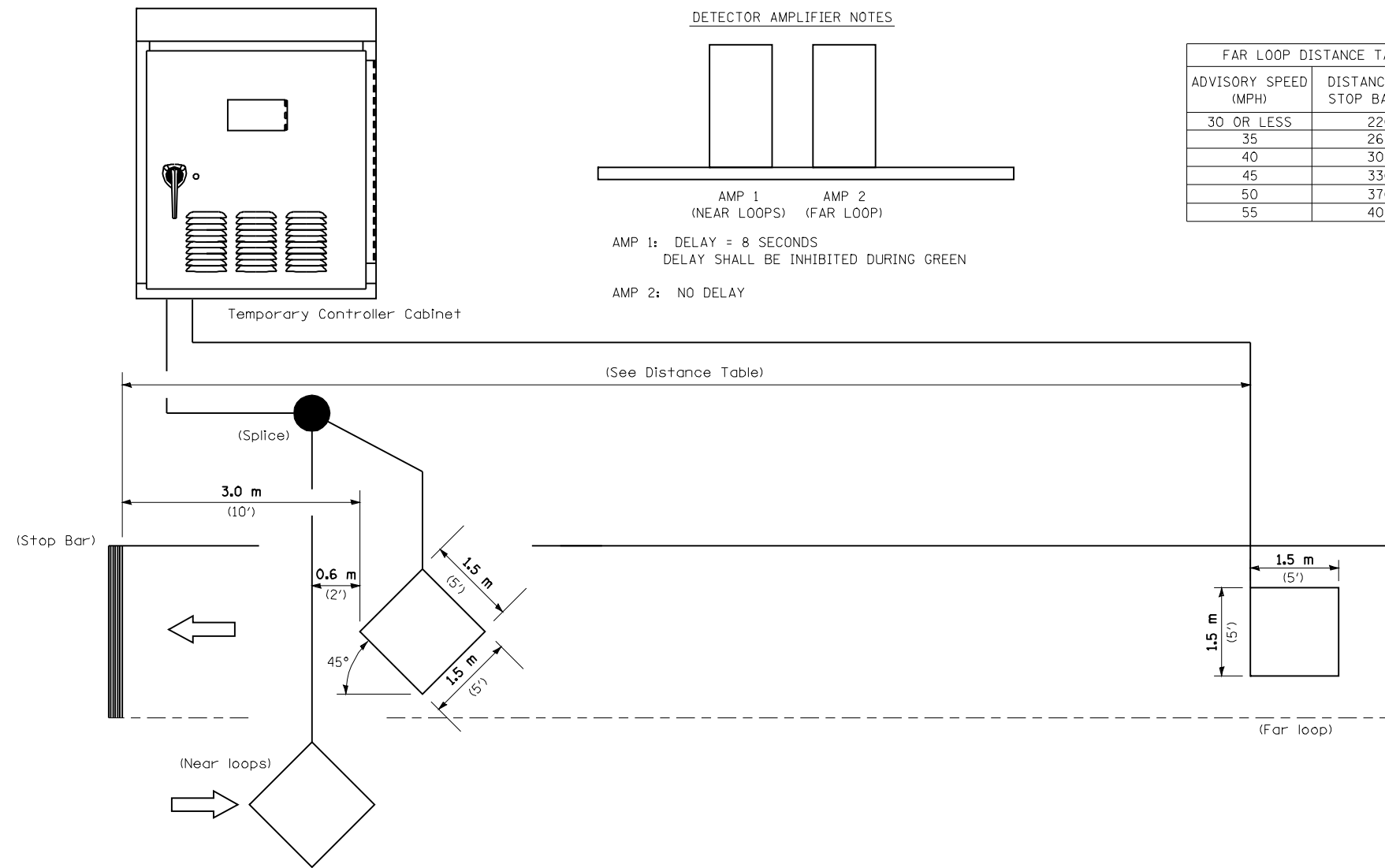
- ↑ SIGN
- ⊥ TYPE III BARRICADE WITH FLASHING LIGHTS
- DRUM WITH STEADY BURNING LIGHT
- ◇ TYPE C BIDIRECTIONAL REFLECTOR
- TEMPORARY TRAFFIC SIGNAL
- ▬ DOUBLE VERTICAL PANEL
- DETECTOR LOOPS
- ① TEMPORARY PAVEMENT MARKING, LINE 5" WHITE
- ② TEMPORARY PAVEMENT MARKING, LINE 24" WHITE
- ▨ WORK AREA

EXIST. CURVE
 P.I. STA = 47+00.49
 $\Delta = 7^{\circ}47'01''$ (RT)
 $D = 0^{\circ}44'49''$
 $R = 7,671.75'$
 $T = 521.90'$
 $L = 1,042.19'$
 $E = 17.73'$
 P.C. STA = 41+78.59
 P.T. STA = 52+20.78

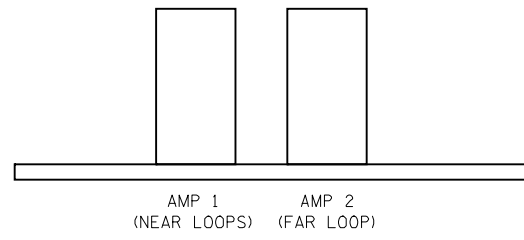
TRAFFIC STAGING NOTES

1. THIS TRAFFIC CONTROL PLAN SHALL BE USED IN CONJUNCTION WITH STANDARD 701316 AND AS DIRECTED BY THE ENGINEER.
2. SIGNAL AHEAD SIGNS SHALL BE ERECTED DURING STAGE CONSTRUCTION BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. COST OF SIGNS SHALL BE INCLUDED IN THE COST FOR "TRAFFIC CONTROL AND PROTECTION, STANDARD 701316 (SPECIAL)."
3. DURING STAGE CONSTRUCTION ADDITIONAL FLAGGERS ARE NECESSARY FOR REPAIRS TO BRIDGE APPROACH PAVEMENT AND BRIDGE ABUTMENT OPERATIONS.
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7. THE CONTRACTOR SHALL NOTIFY THE DISTRICT 6 TRAFFIC SECTION OF THE BUREAU OF OPERATIONS (PH: 217-785-5312) AT LEAST THREE WEEKS PRIOR TO IMPLEMENTING STAGE TRAFFIC
8. CONTROL AND WHEN EVER A SWITCH IN STAGING IS MADE. THE CONTRACTOR MUST NOTIFY THE DISTRICT 6 TRAFFIC SECTION OF THE BUREAU OF OPERATIONS AT LEAST THREE (3) DAYS PRIOR TO ACTIVATING THE TEMPORARY TRAFFIC SIGNALS. PLEASE REFER TO THE DISTRICT 6 SPECIAL PROVISION FOR TEMPORARY BRIDGE TRAFFIC INFORMATION.
9. ACCESS MUST BE PROVIDED TO ALL F.E. AS REQUIRED BY THE PROPERTY OWNER. NO SIGNALS WILL BE REQUIRED FOR THEM.
10. EXISTING PAVEMENT MARKING THAT CONFLICTS WITH THE REVISED STAGE TRAFFIC PATTERNS DURING ALL PHASES OF STAGE CONSTRUCTION SHALL BE REMOVED AS SPECIFIED IN SECTION 783 OF THE STANDARD SPECIFICATIONS AND PAID FOR AS "PAVEMENT MARKING REMOVAL."
11. THE COST TO INSTALL AND REMOVE TEMPORARY PAVEMENT MARKINGS DETAILED ON THESE SHEETS SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION, STANDARD 701316 (SPECIAL)."

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC & STAGING PLANS - SN 011-0022			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = Feb-05-2010 11:47:08AM		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
				SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	* SANGAMON, CHRISTIAN			



DETECTOR AMPLIFIER NOTES



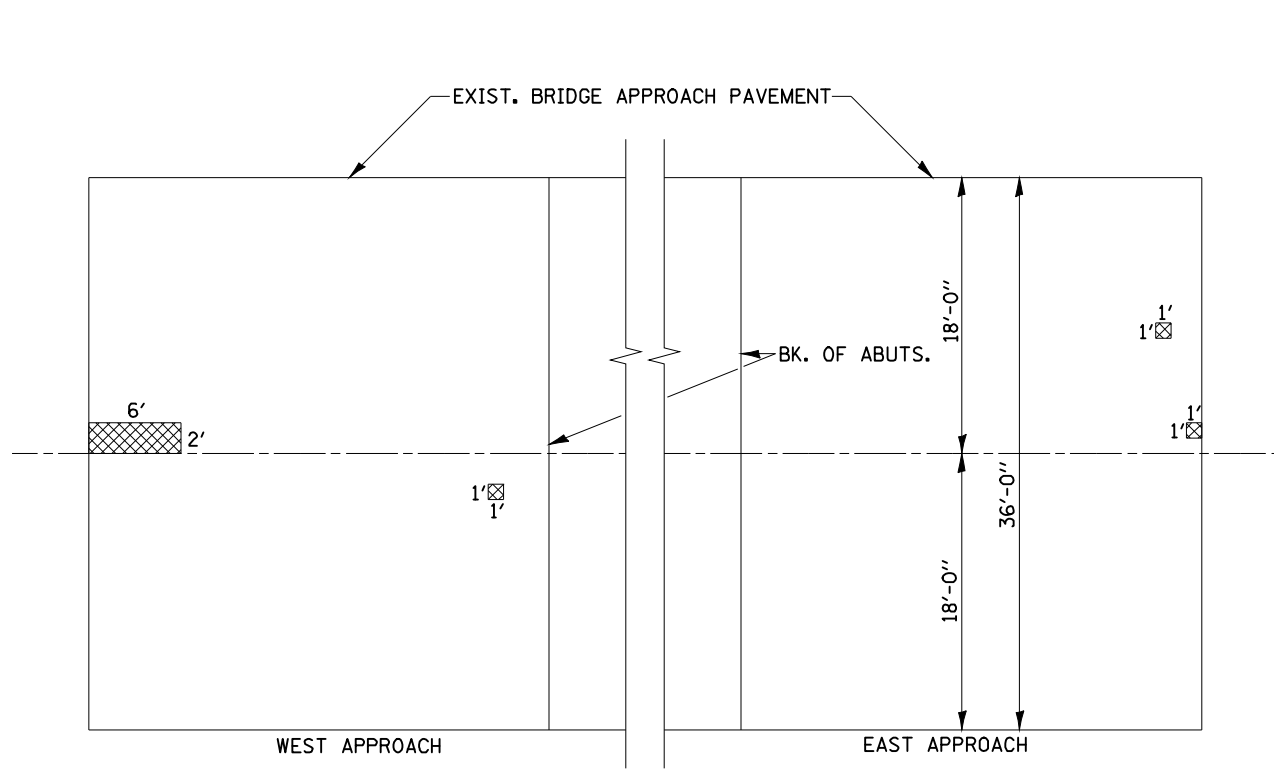
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 DELAY SHALL BE INHIBITED DURING GREEN

AMP 2: NO DELAY

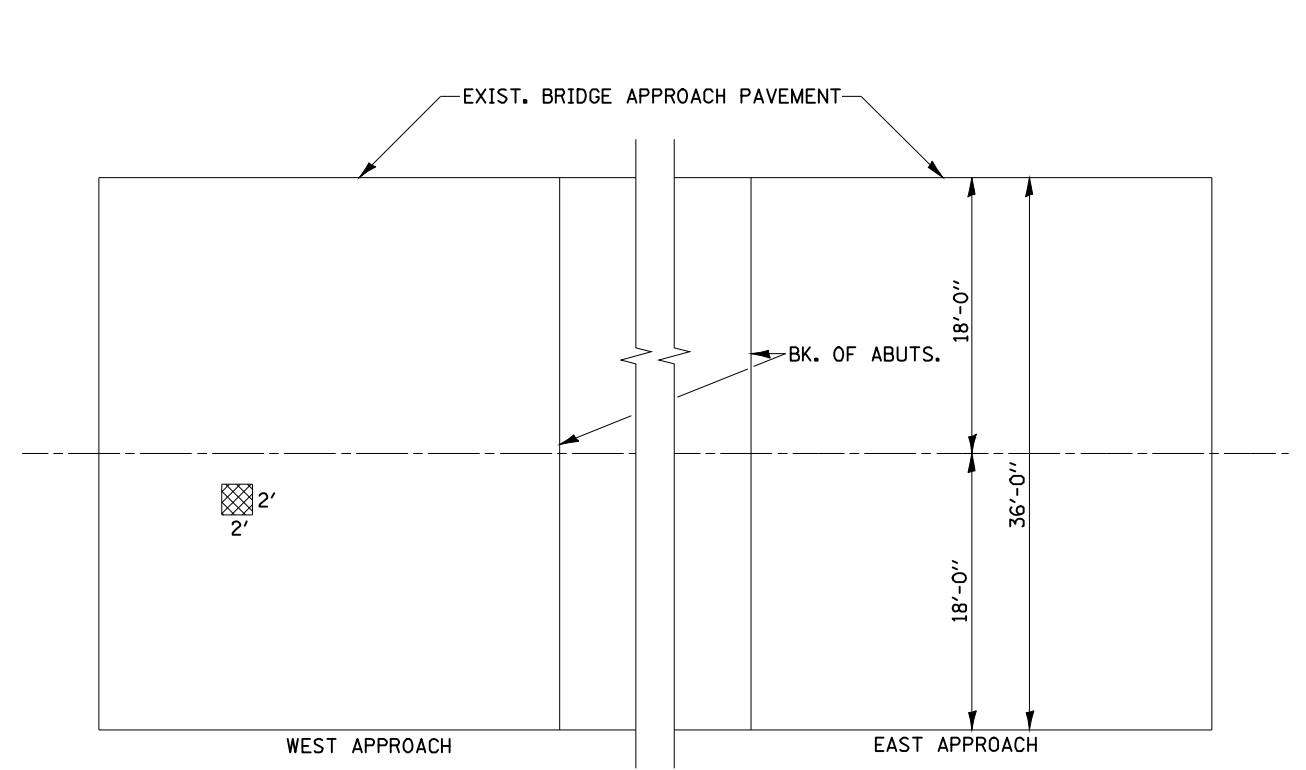
FAR LOOP DISTANCE TABLE	
ADVISORY SPEED (MPH)	DISTANCE FROM STOP BAR (FT.)
30 OR LESS	220
35	260
40	300
45	330
50	370
55	400

NOTE: All loops centered in lane.

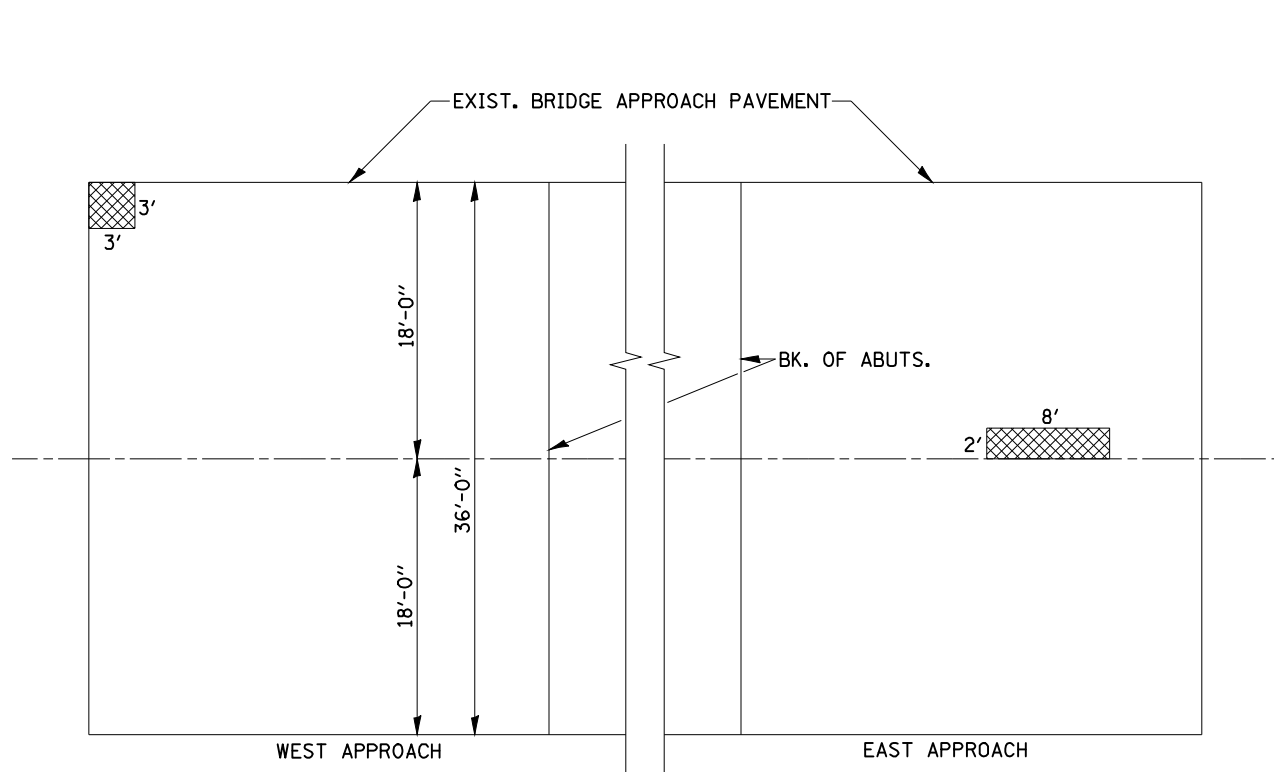
INDUCTION LOOP DETECTOR



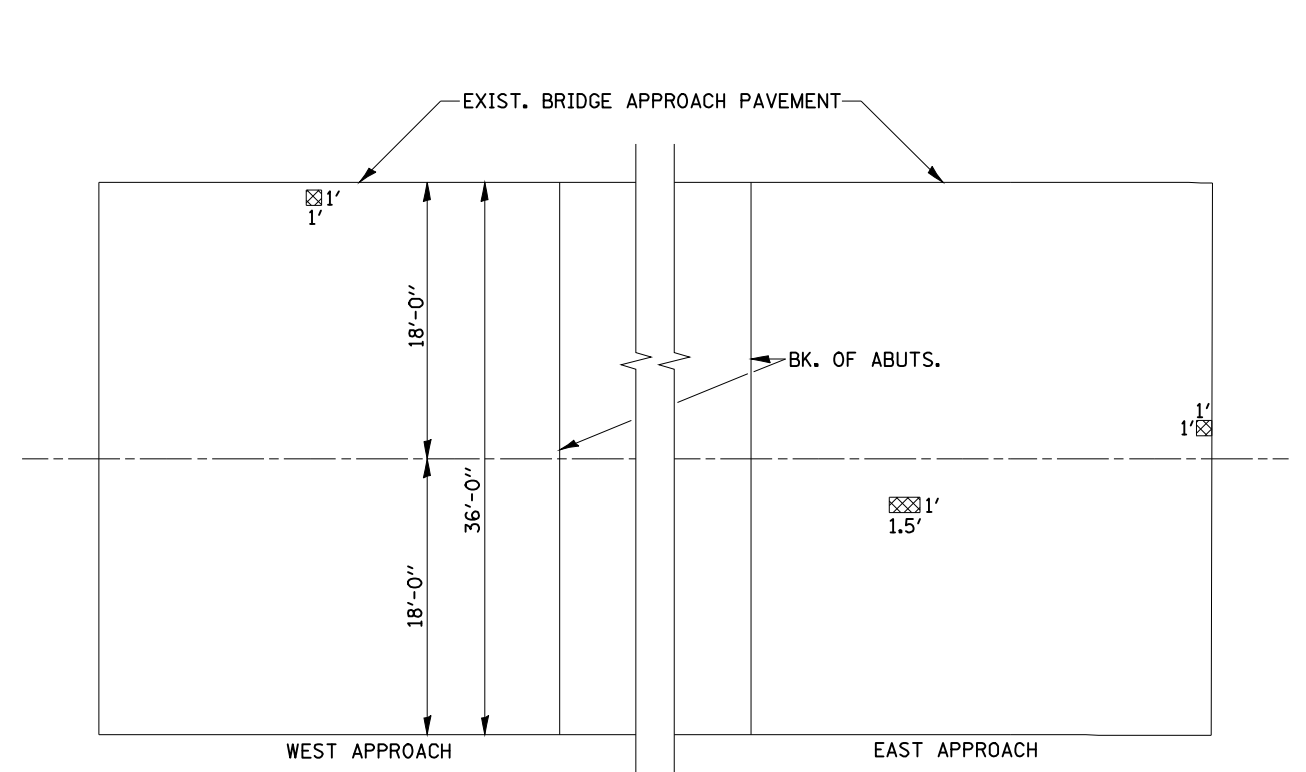
PLAN SN 011-0019



PLAN SN 011-0020



PLAN SN 011-0021



PLAN SN 011-0022

DECK SLAB REPAIR (PARTIAL) - 5.50 SQ. YD.

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
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		CHECKED -	REVISED -
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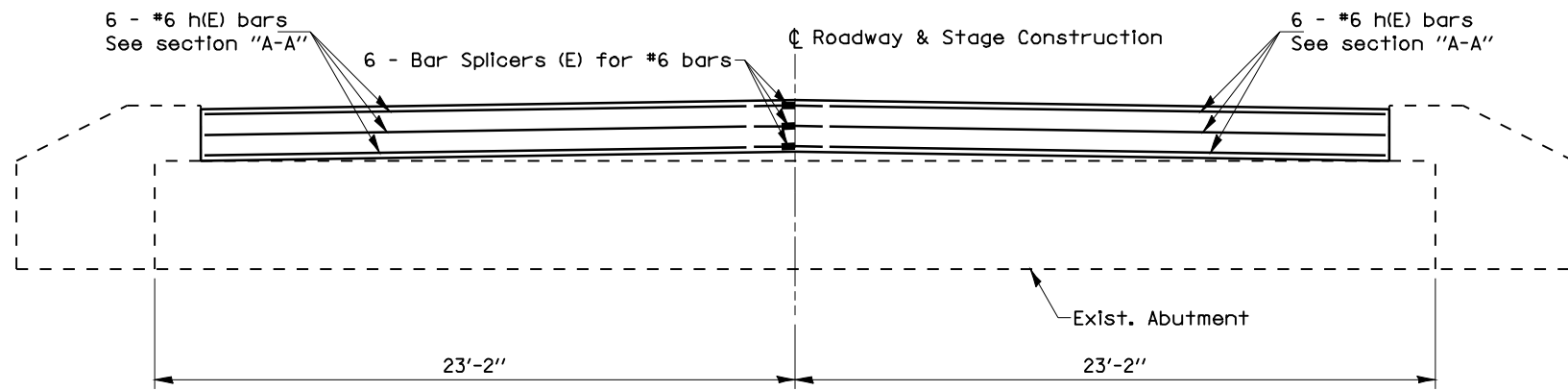
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BRIDGE APPROACH PAVEMENT
REPAIR DETAILS**

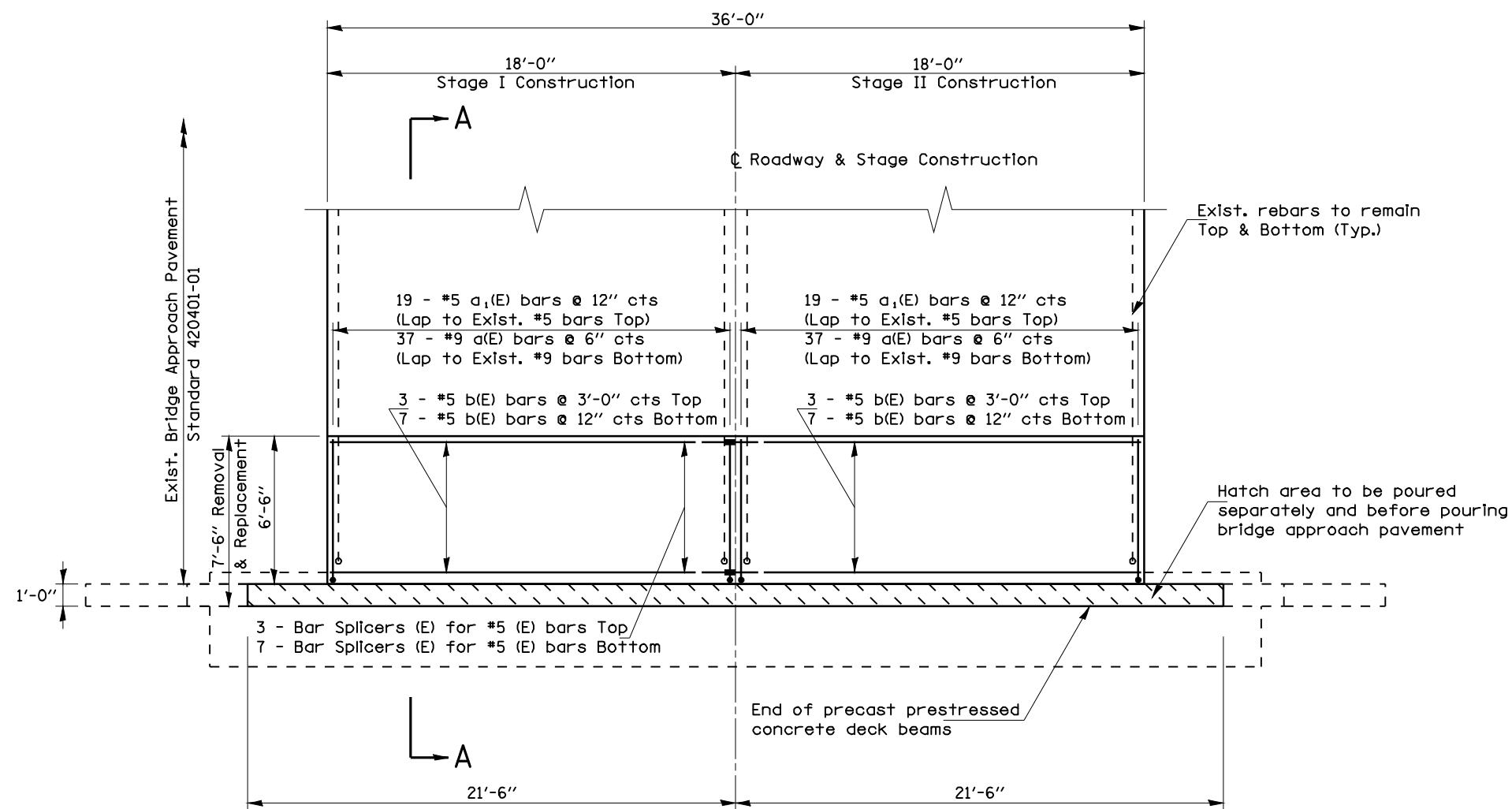
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	141RS-6&142RS-6	•	62	50
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72B13	

• SANGAMON, CHRISTIAN



ELEVATION



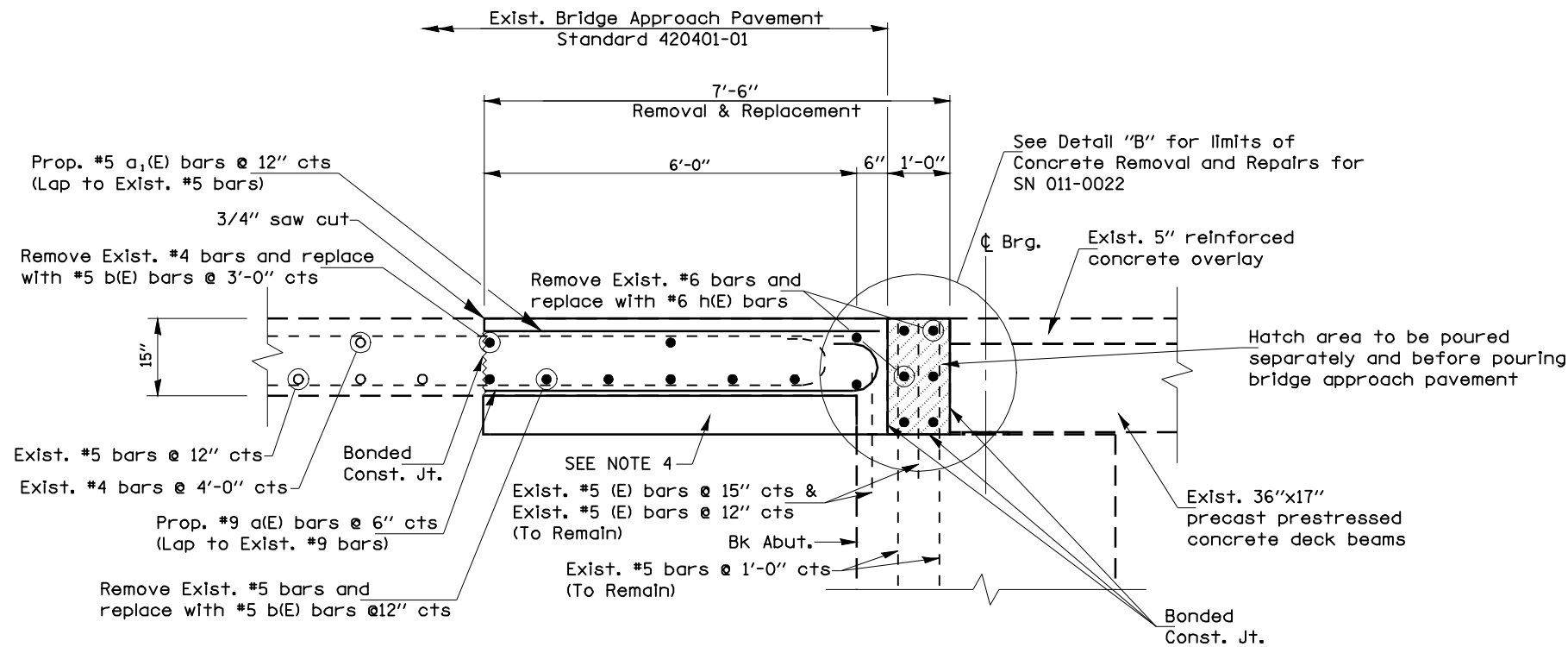
PLAN

SN 011-0019 EAST BRIDGE APPROACH PAVEMENT
 SN 011-0020 WEST BRIDGE APPROACH PAVEMENT
 SN 011-0021 EAST BRIDGE APPROACH PAVEMENT
 SN 011-0022 EAST & WEST BRIDGE APPROACH PAVEMENT

**TOTAL BILL OF MATERIALS FOR
 APPROACH PAVEMENT AND
 ABUTMENT REPAIRS**

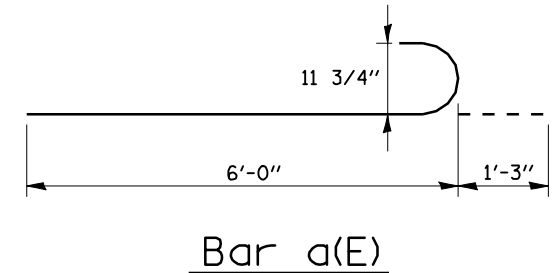
BAR	NO.	SIZE	LENGTH	SHAPE
a(E)	370	#9	7'-3"	U
a ₁ (E)	190	#5	6'-3"	—
b(E)	100	#5	17'-8"	—
h(E)	60	#6	21'-2"	—
Bridge Deck Grooving			Sq Yd	160
Protective Coat			Sq Yd	864
Concrete Removal			Cu Yd	73
Reinforcement Superstructure			Cu Yd	73
Reinforcement Bars (Epoxy Coated)			Pound	14110
Bar Splicers			Each	80

Quantities listed in Total Bill of Materials are for all four structures



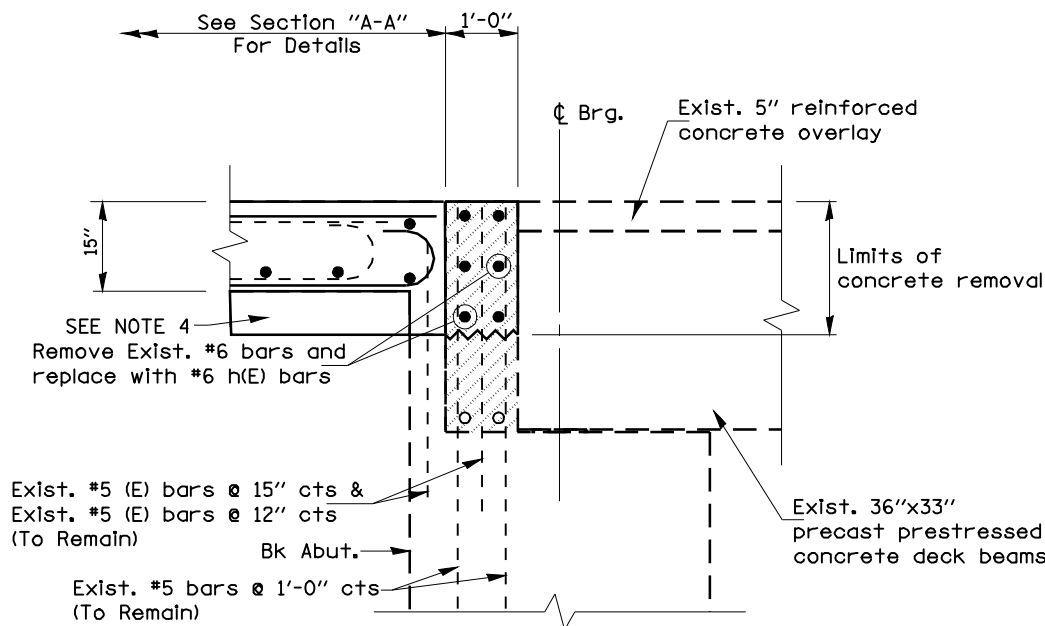
SECTION "A-A"

SN 011-0019 EAST BRIDGE APPROACH PAVEMENT
 SN 011-0020 WEST BRIDGE APPROACH PAVEMENT
 SN 011-0021 EAST BRIDGE APPROACH PAVEMENT



NOTES:

1. ALL EXISTING LONGITUDINAL AND VERTICAL STEEL EXTENDING INTO THE NEW CONSTRUCTION TO BE CLEANED, STRAIGHTENED, AND INCORPORATED INTO NEW CONSTRUCTION. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT BE INCLUDED IN THE COST FOR CONCRETE REMOVAL.
2. ALL TRANSVERSE STEEL TO BE REMOVED AND REPLACED IN KIND.
3. ANY REINFORCEMENT BARS THAT ARE DAMAGED DURING CONCRETE REMOVAL OPERATIONS SHALL BE REPAIRED OR REPLACED USING AN APPROVED BAR SPLICER OR ANCHORAGE SYSTEM. THIS COST IS TO BE INCLUDED IN THE COST FOR CONCRETE REMOVAL.
4. SUB-BASE GRANULAR MATERIAL, TYPE A SHALL BE PROVIDED TO PROVIDE A BASE FOR CONSTRUCTION OF THE BRIDGE APPROACH PAVEMENT. THE COST FOR THIS AGGREGATE SHALL BE INCLUDED IN THE COST OF CONCRETE SUPERSTRUCTURE.



DETAIL "B"

SN 011-0022 EAST & WEST BRIDGE APPROACH PAVEMENT

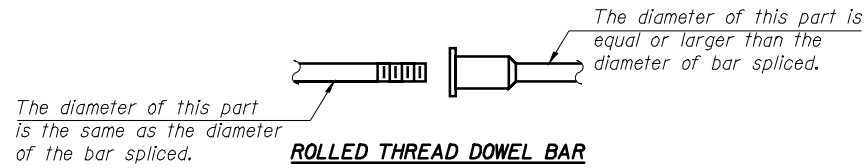
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PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED -	CONTRACT NO. 72B13									
PLOT DATE = Feb-05-2010 11:47:28AM	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									
				SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	* SANGAMON, CHRISTIAN			

NOTES

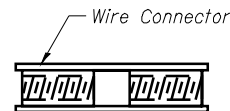
Bar splicer assemblies shall be of an approved type and shall develop in tension at least 125 percent of the yield strength of the lapped reinforcement bars.
 Splicer rods shall be of minimum 60 ksi yield strength, threaded or coiled full length.
 All reinforcement bars shall be lapped and tied to the splicer rods or dowel bars.
 Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars.
 Other systems of similar design may be submitted to the Engineer for approval. Approval shall be based on certified test results from an approved testing laboratory that the proposed bar splicer assembly satisfies the following requirements:

- ① Minimum Capacity (Tension in kips) = $1.25 \times f_y \times A_t$
 - ② Minimum *Pull-out Strength (Tension in kips) = $0.66 \times f_y \times A_t$
- Where f_y = Yield strength of lapped reinforcement bars in ksi.
 A_t = Tensile stress area of lapped reinforcement bars.
 * = 28 day concrete

BAR SPLICER ASSEMBLIES			
Bar Size to be Spliced	Splicer Rod or Dowel Bar Length	Strength Requirements	
		Min. Capacity kips - tension	Min. Pull-Out Strength kips - tension
#4	1'-8"	14.7	7.9
#5	2'-2"	23.0	12.3
#6	2'-7"	33.1	17.4
#7	3'-5"	45.1	23.8
#8	4'-6"	58.9	31.3
#9	5'-9"	75.0	39.6
#10	7'-3"	95.0	50.3
#11	9'-0"	117.4	61.8



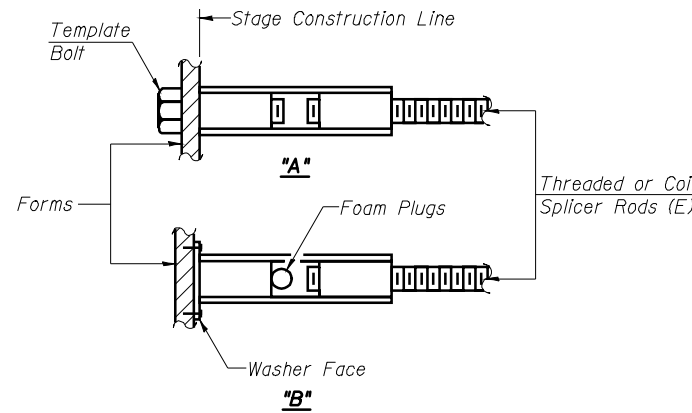
**** ONE PIECE**



WELDED SECTIONS

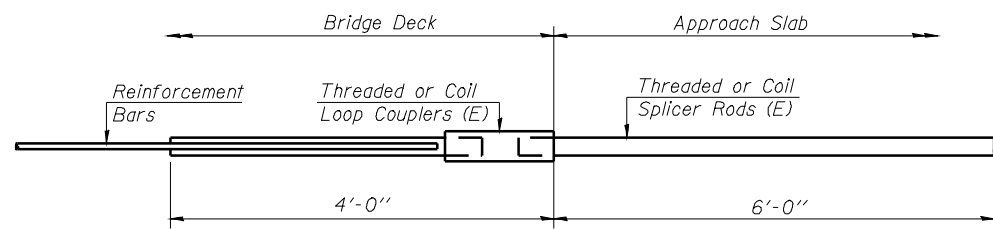
BAR SPLICER ASSEMBLY ALTERNATIVES

**Heavy Hex Nuts conforming to ASTM A 563, Grade C, D or DH may be used.



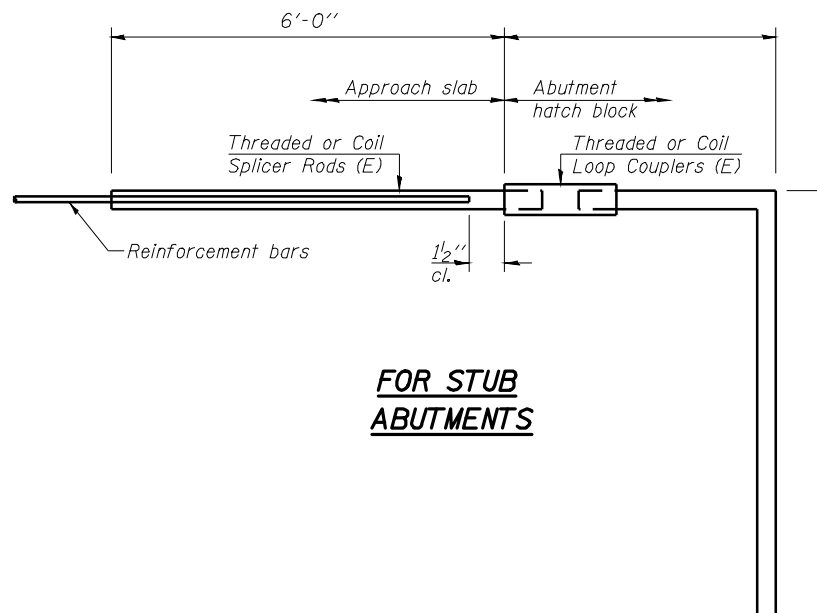
INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt.
 "B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.
 (E) : Indicates epoxy coating.



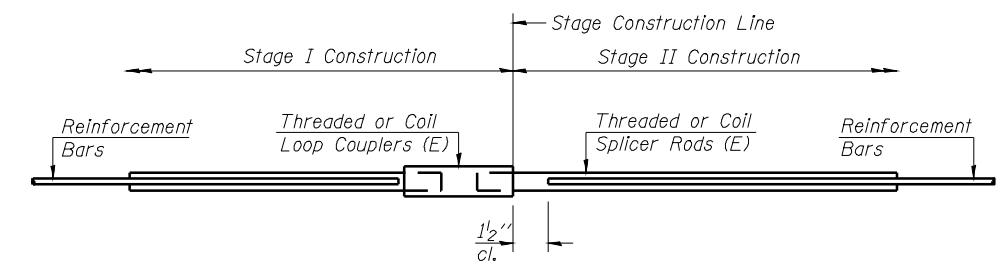
FOR INTEGRAL OR SEMI-INTEGRAL ABUTMENTS

Bar Splicer for #5 bar	
Min. Capacity =	23.0 kips - tension
Min. Pull-out Strength =	12.3 kips - tension
No. Required =	



FOR STUB ABUTMENTS

Bar Splicer for #5 bar	
Min. Capacity =	23.0 kips - tension
Min. Pull-out Strength =	12.3 kips - tension
No. Required =	

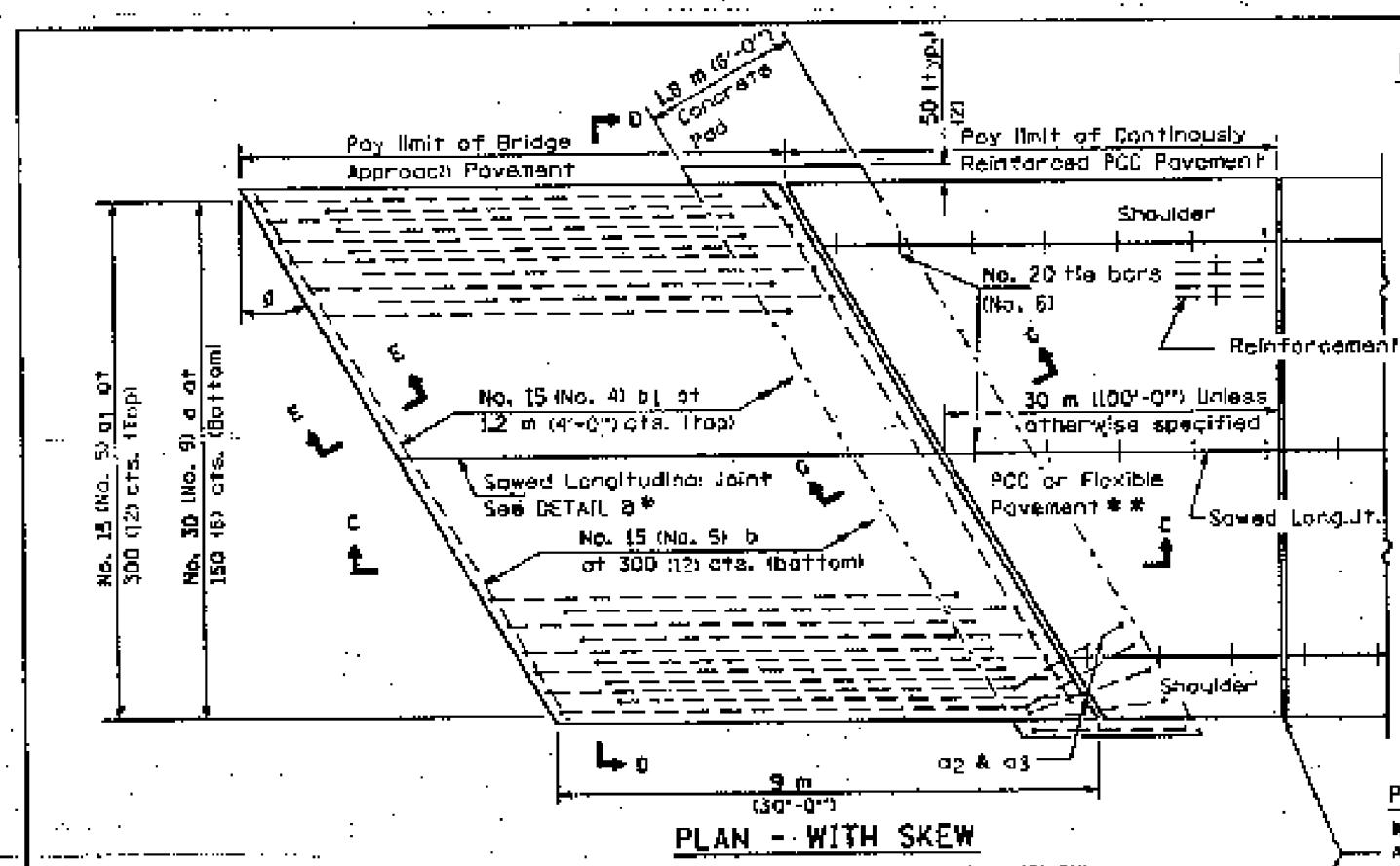


STANDARD

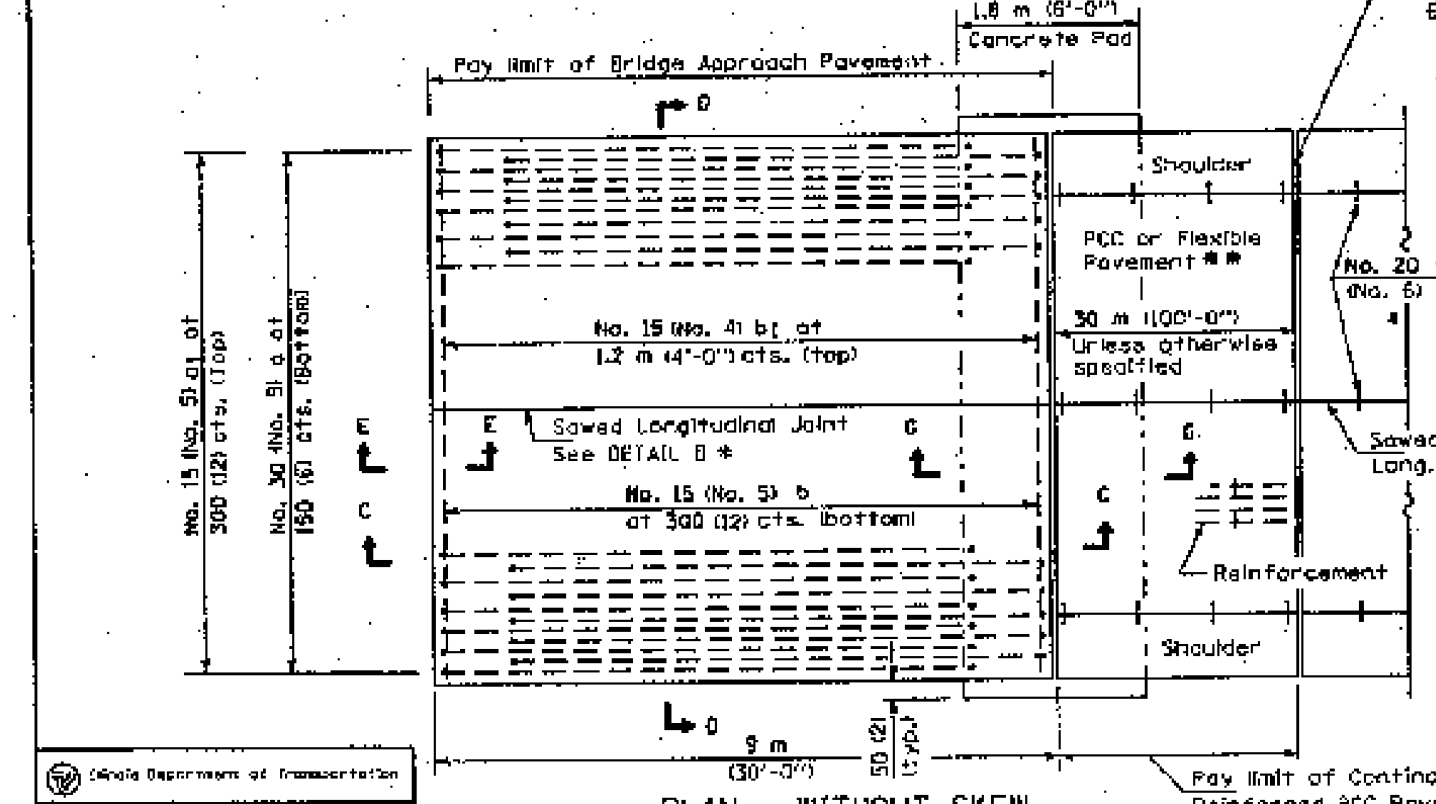
Bar Size	No. Assemblies Required	Location
#5	50	App. Pave.
#6	30	Abuts.

Quantities listed are for all four structures

**BAR SPLICER ASSEMBLY DETAILS
STRUCTURE NO.**



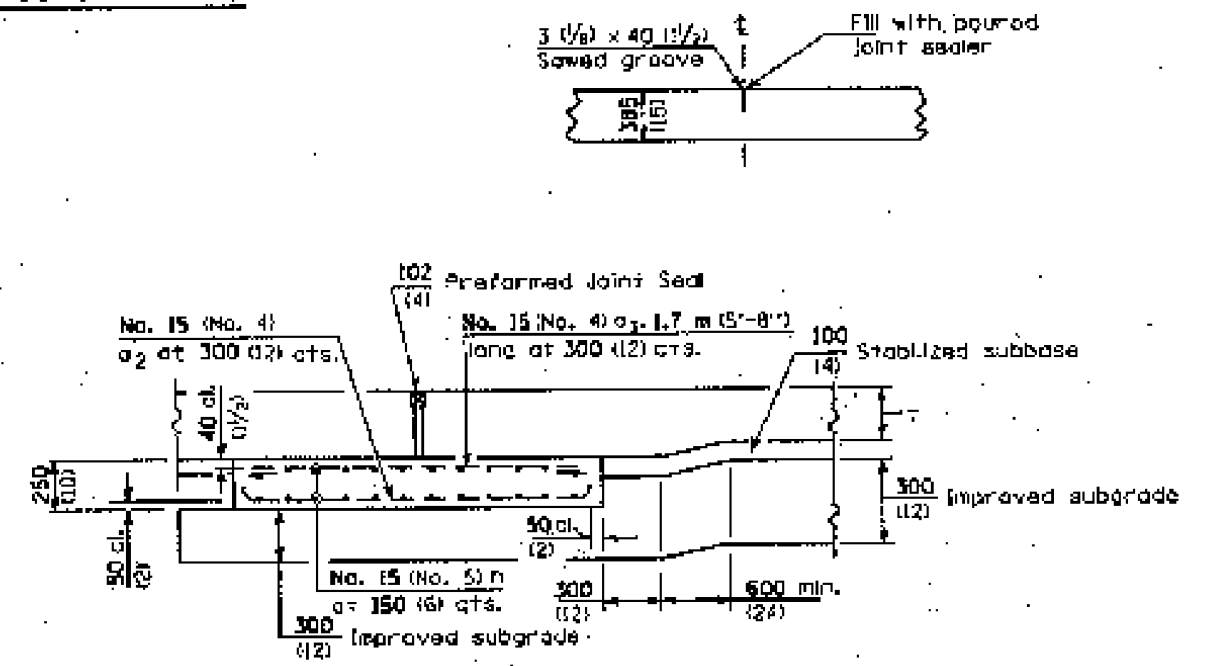
PLAN - WITH SKEW



PLAN - WITHOUT SKEW

NEW CONSTRUCTION

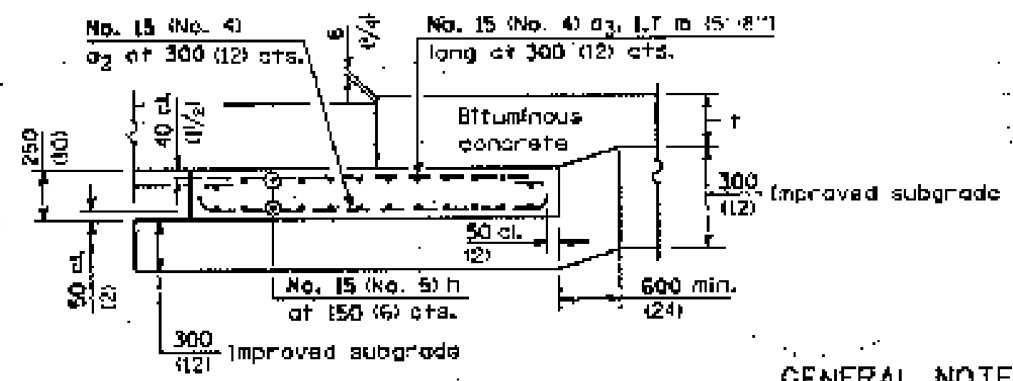
DETAIL B



SECTION G-G - RIGID PAVEMENT

PCC Pavement only (Showing reinforcement)

Wide Flange Beam Terminal Joint (See DETAIL AT BEAM - Standard 421101 or 421061 or 15 (3) Exp. Joint as detailed on Standard 420001.



SECTION G-G - FLEXIBLE PAVEMENT

(Showing reinforcement)

GENERAL NOTES

- THICKNESS - "T" (thickness of Pavement).
- See Standard 421001 for reinforcement details not shown.
- See Standard 420001 for details of joints not shown.
- All dimensions are in millimeters (inches) unless otherwise shown.

Illinois Department of Transportation

DESIGNED: [Signature] January 1, 1998

DRAWN: [Signature] January 1, 1998

CHECKED: [Signature] January 1, 1998

APPROVED: [Signature] January 1, 1998

- * Saw @ on lane edge if poured two or more lane widths at a time.
- ** Omit Reinforcement, tie bars and sawed Long. Jt. for Flexible Pavement.

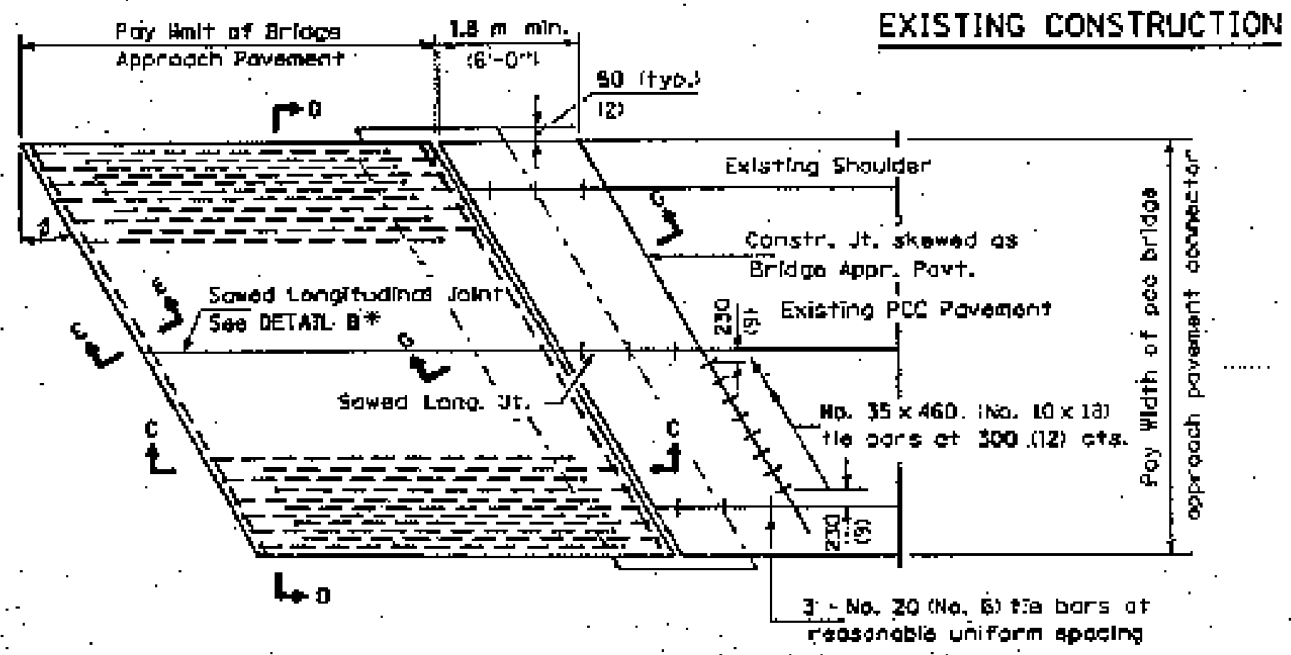
DATE	REVISIONS
1-1-98	Rev. ref. to Std 2443 to 609006. Added "top"
	& "bottom" to pg. 1
1-1-97	Ream. Standard 2442-4.

BRIDGE APPROACH PAVEMENT

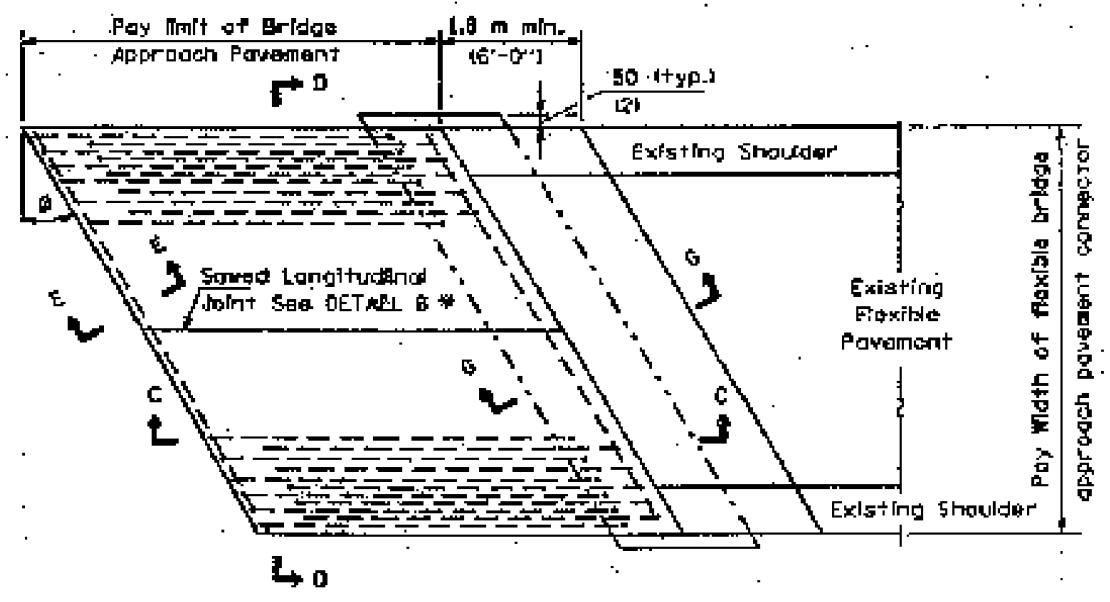
(Sheet 1 of 3)

STANDARD 420401-01

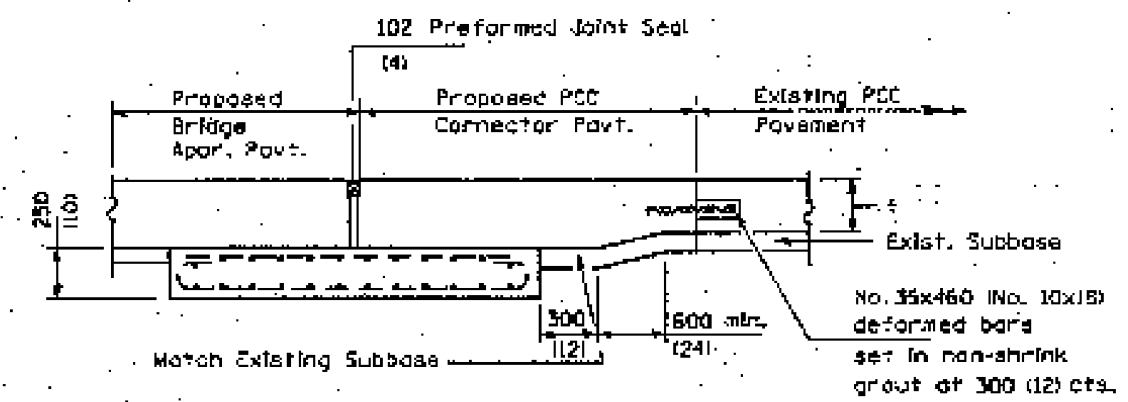
* FOR INFORMATION ONLY



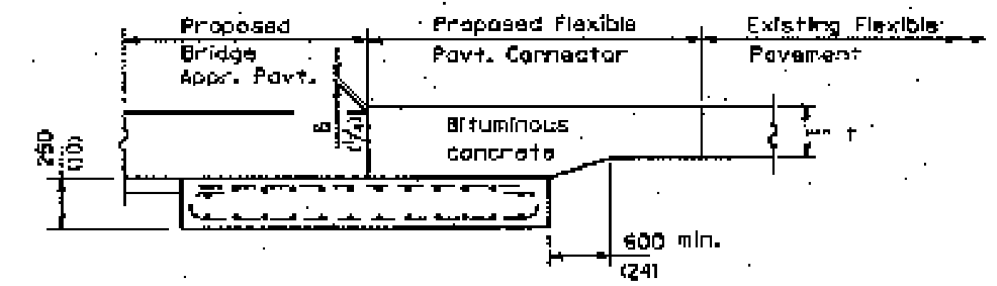
BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)



BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)



SECTION G-G - RIGID PAVEMENT



SECTION G-G - FLEXIBLE PAVEMENT

All dimensions are in millimeters (inches) unless otherwise shown.

Illinois Department of Transportation

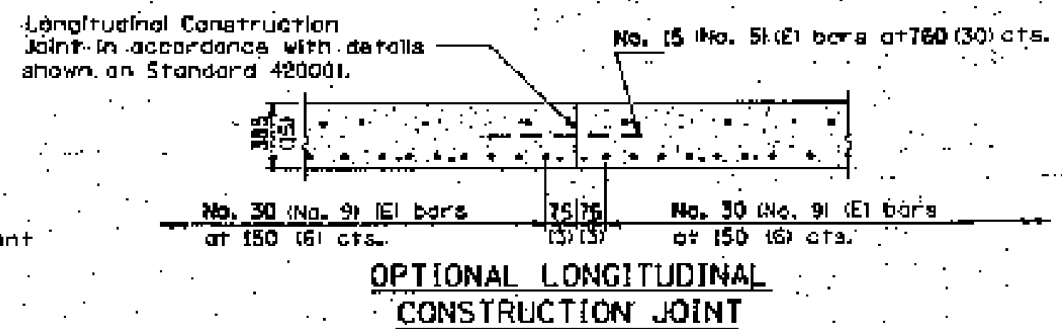
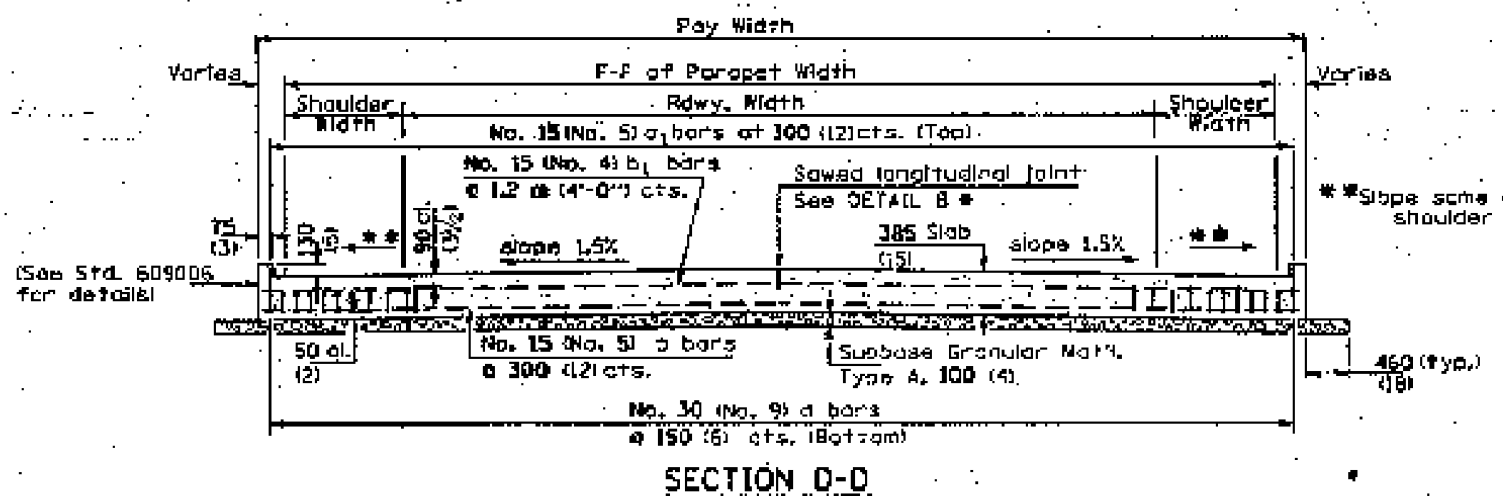
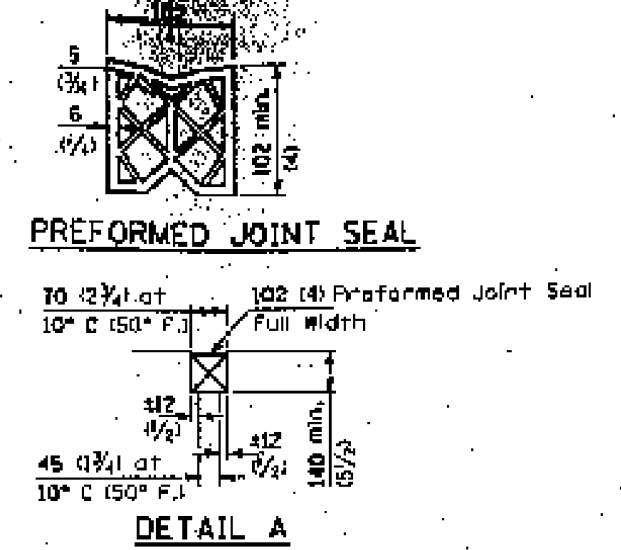
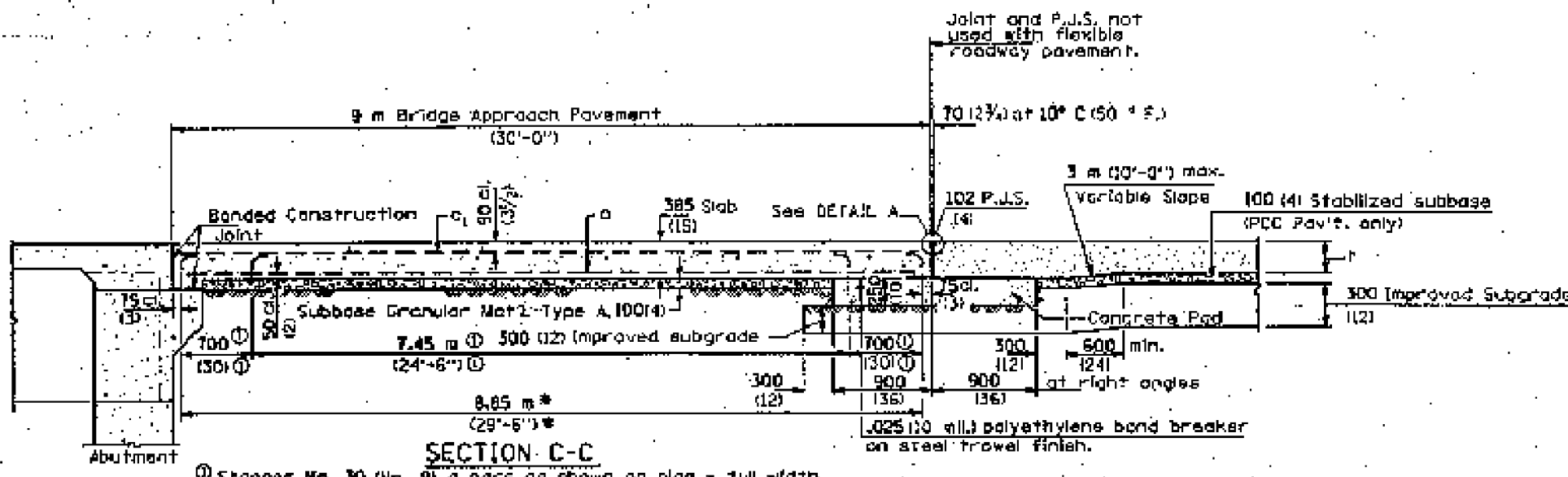
APPROVED: [Signature] January 1, 2010
 ENGINEER OF BRIDGES AND STRUCTURES

APPROVED: [Signature] January 1, 2010
 CHIEF OF STAFF AND PROJECT

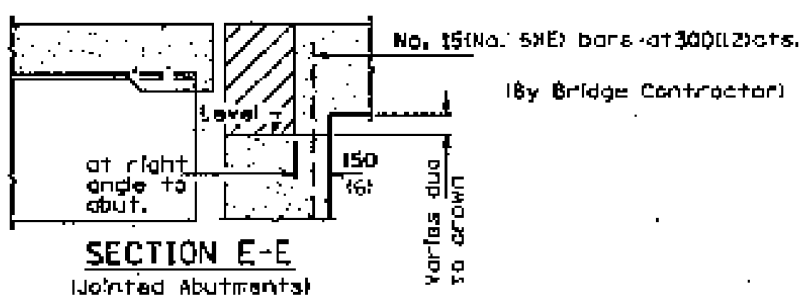
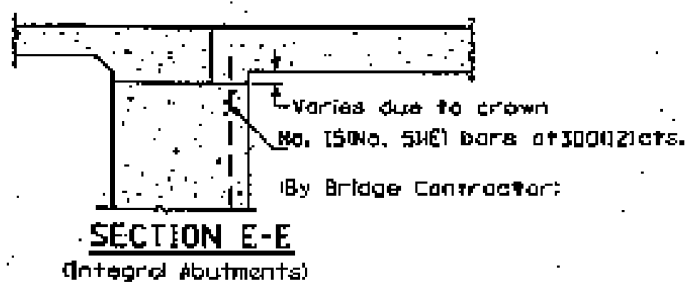
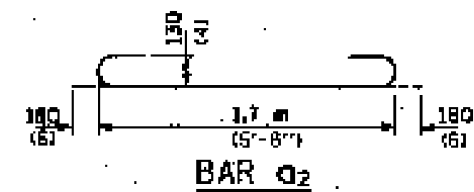
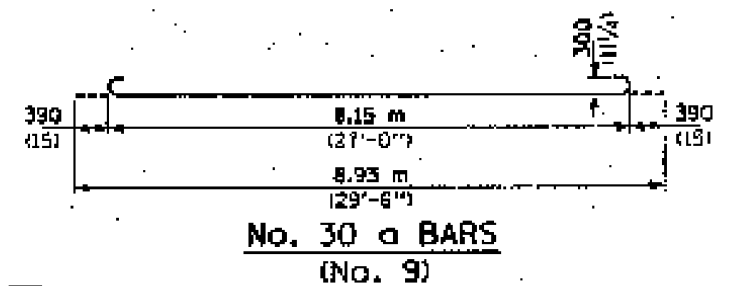
BRIDGE APPROACH PAVEMENT
 (Sheet 2 of 3)
STANDARD 420401-01

* FOR INFORMATION ONLY

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PLOT DATE = Feb-05-2010 11:47:57AM		DATE -	REVISED -		ILLINOIS FED. AID PROJECT * SANGAMON, CHRISTIAN							



As approved by the Engineer, the Contractor may elect to reduce the width of pour by use of the Optional Longitudinal Construction Joint shown. Joints shall be located at the edge of a traffic lane.



DESIGN STRESSES
 $f_y = 400 \text{ MPa (60,000 p.s.i.)}$
 $f'_c = 24 \text{ MPa (3,500 p.s.i.)}$
 $n = 8.5$

All dimensions are in millimeters (inches) unless otherwise shown.

BRIDGE APPROACH PAVEMENT
 (Sheet 3 of 3)
STANDARD 420401-01

* FOR INFORMATION ONLY

Illinois Department of Transportation
 Approved: *[Signature]*
 Designer: *[Signature]*
 Date: January 1, 2010

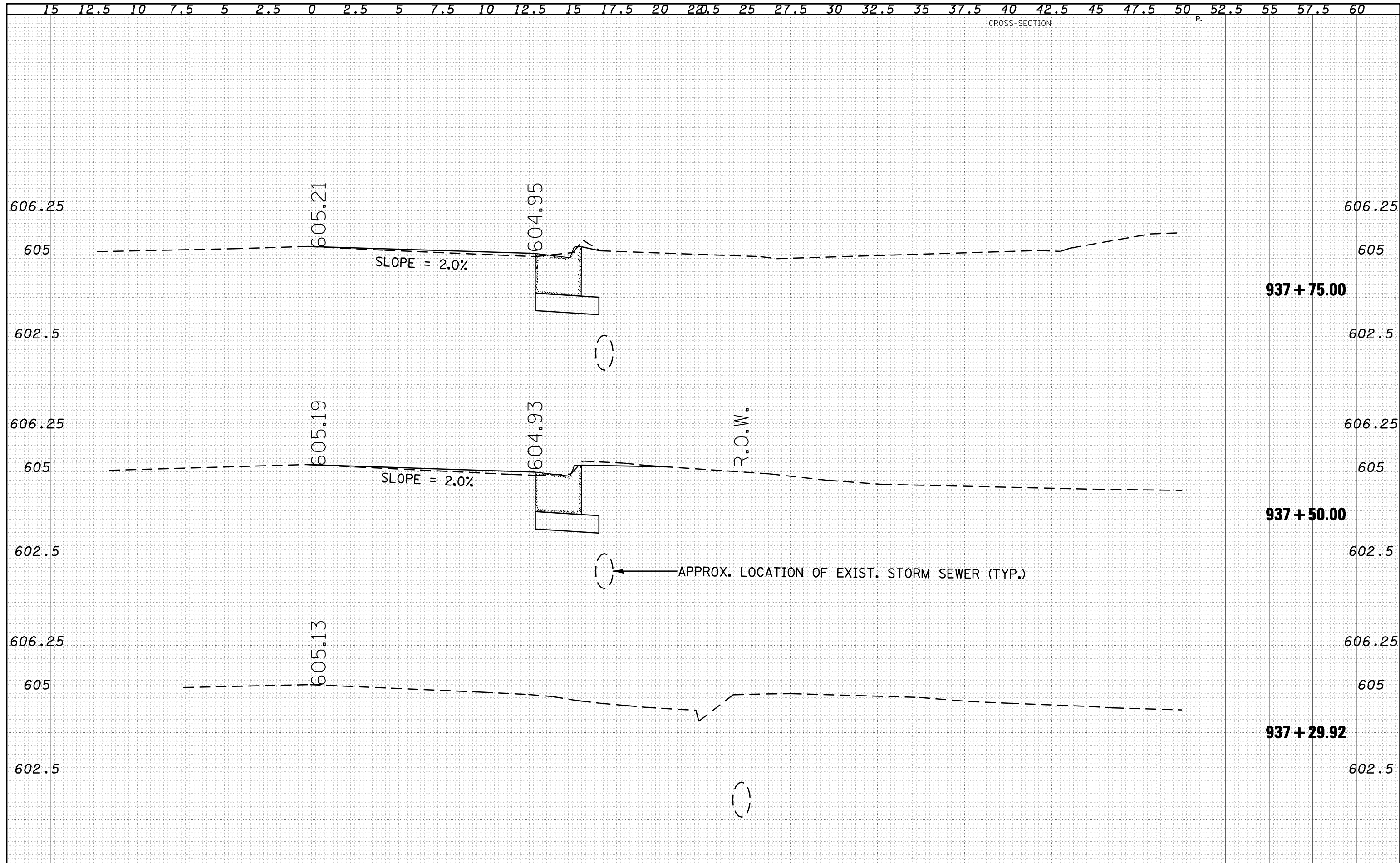
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PLOT DATE = Feb-05-2010 11:49:04AM		DATE -	REVISED -		ILLINOIS FED. AID PROJECT			SANGAMON, CHRISTIAN				

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CROSS-SECTION P.

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

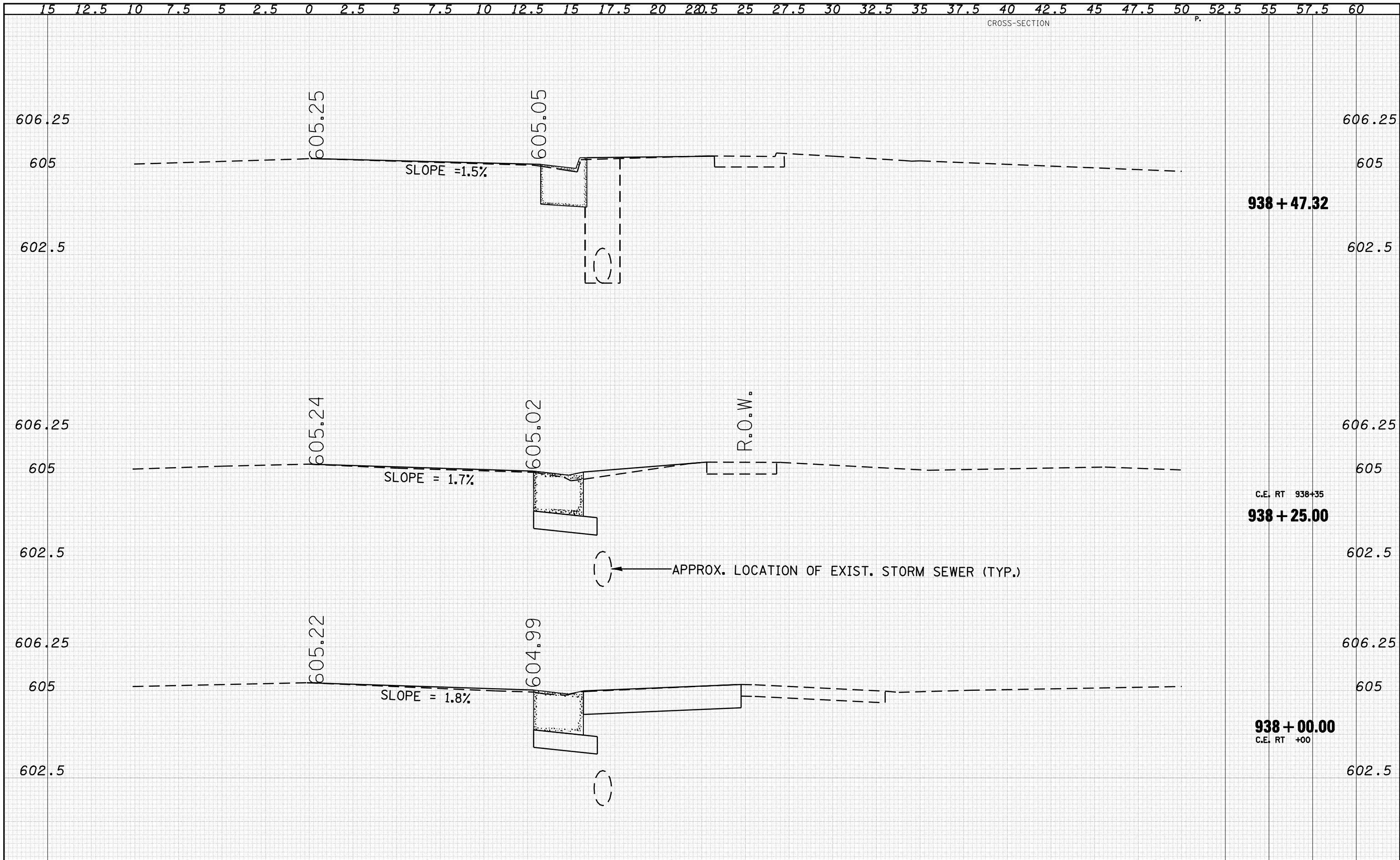
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NOTE BOOK	PLOTTED
NO.	AREAS CHECKED



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		CHECKED -	REVISED -									
		DATE -	REVISED -									

DATE	
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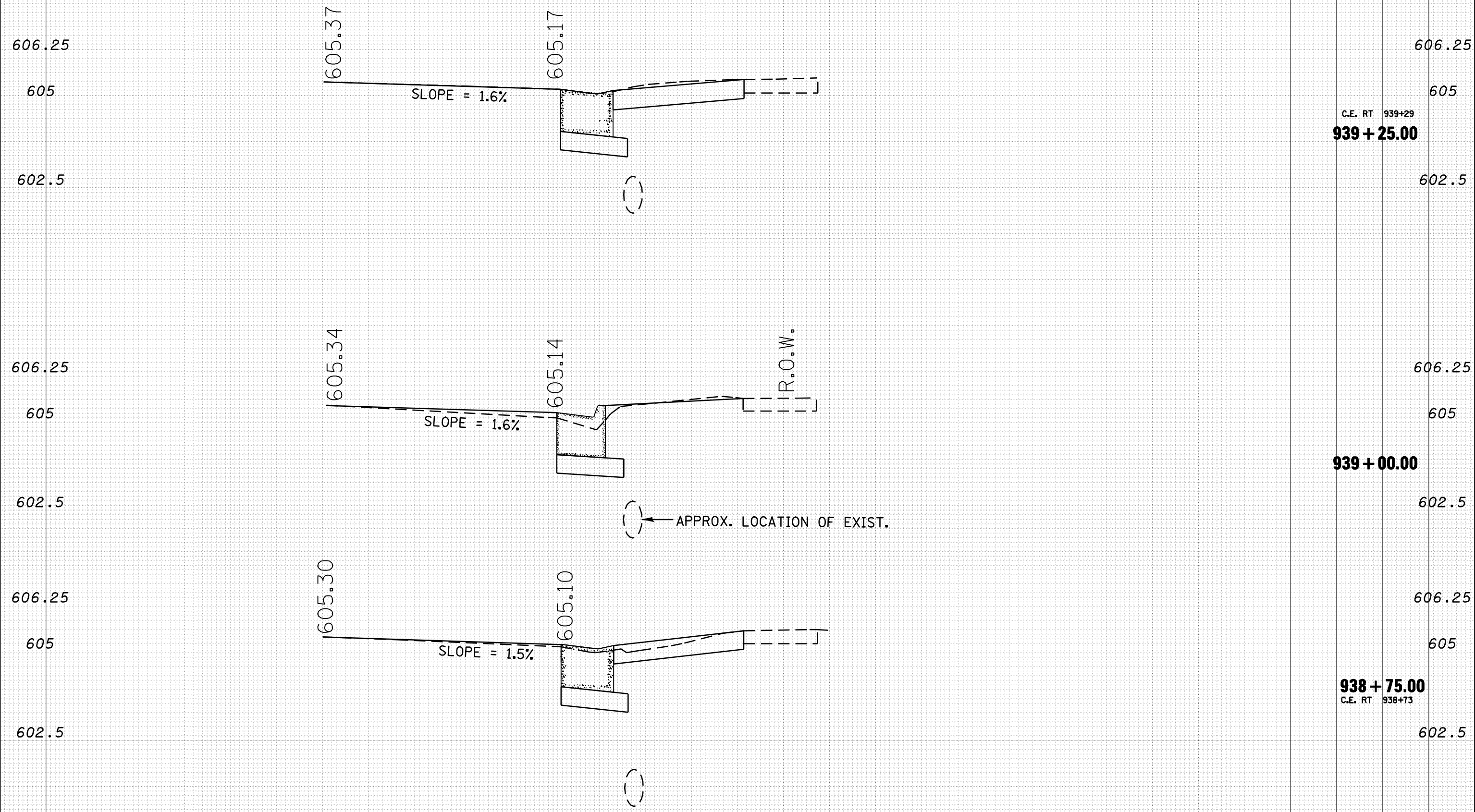
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CROSS-SECTION P.

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TEMPLATE	
AREAS	
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ORIGINAL SURVEY NOTE BOOK NO.	



C.E. RT 939+29
939 + 25.00

939 + 00.00

938 + 75.00
C.E. RT 938+73

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REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

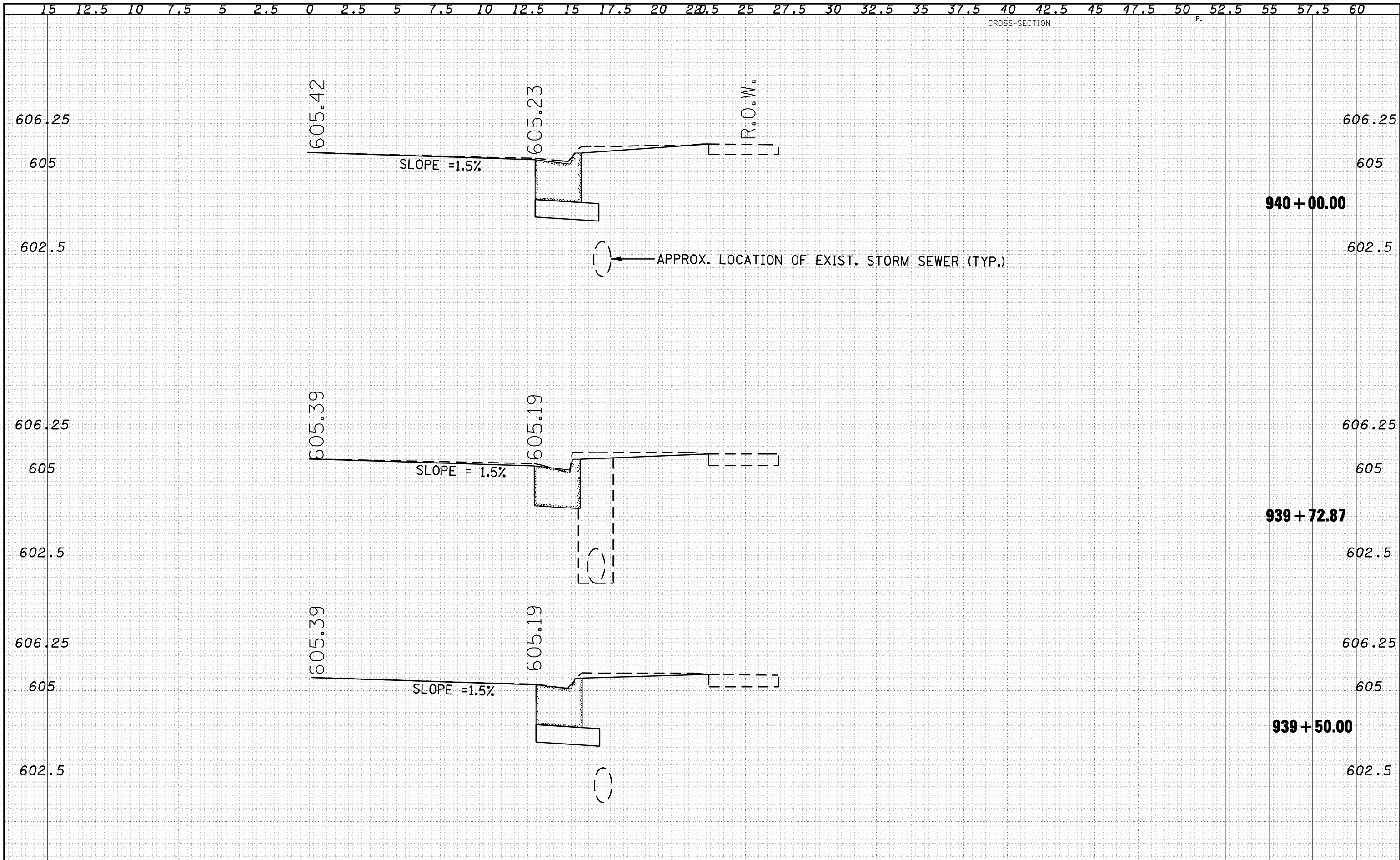
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CONTRACT NO.			72B13	
ILLINOIS FED. AID PROJECT				

DATE	
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FINAL SURVEY NOTE BOOK NO.	

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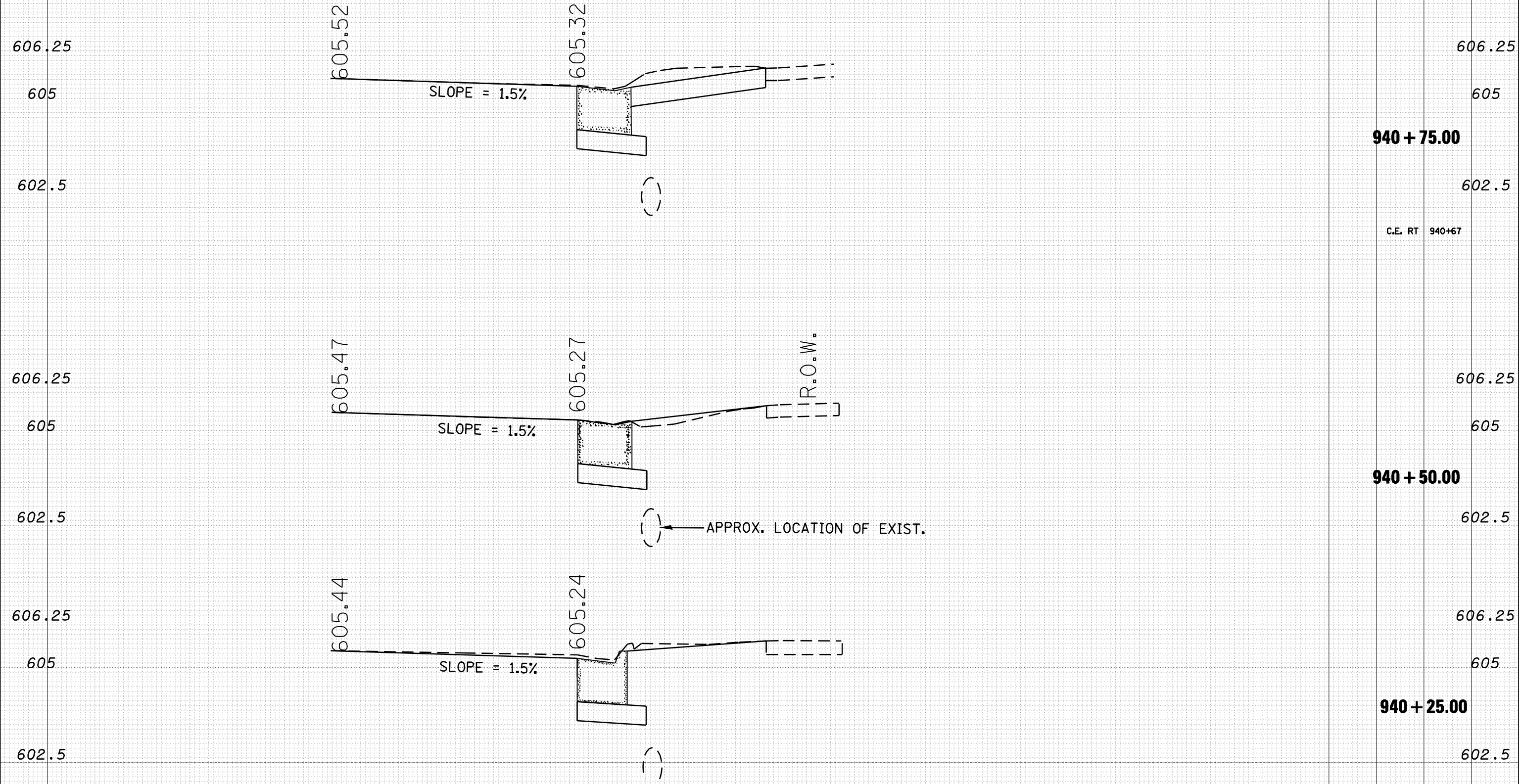
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		CHECKED -	REVISED -										
		DATE -	REVISED -										

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CROSS-SECTION P.

DATE	
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DATE	
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DESIGNED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

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

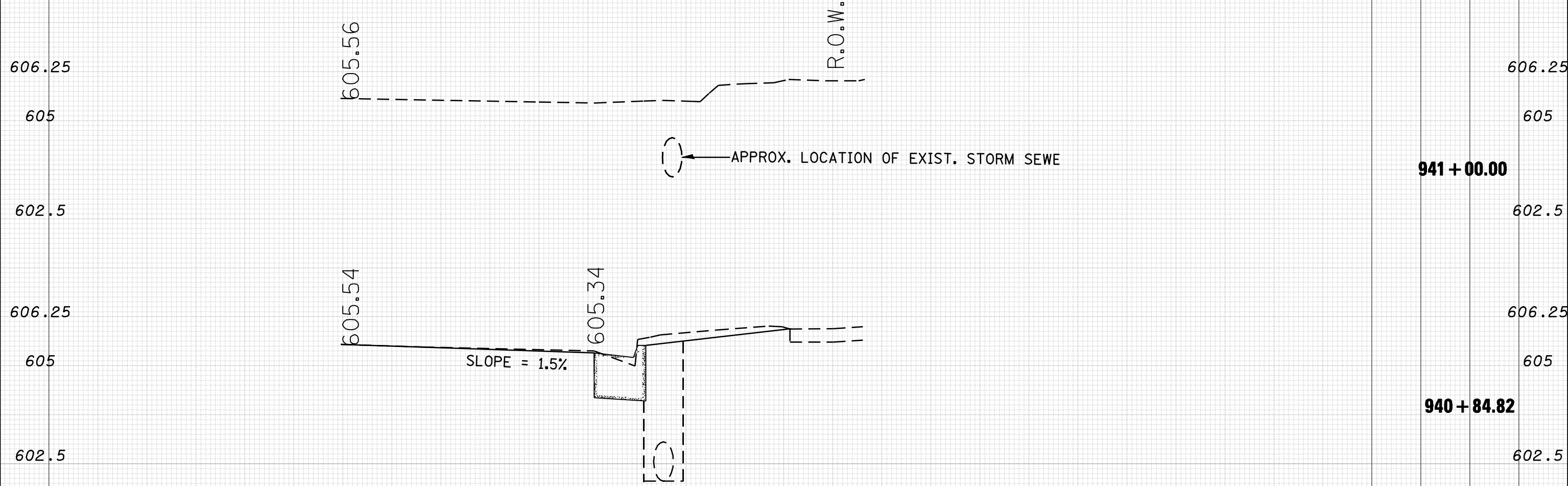
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ILLINOIS FED. AID PROJECT				

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CROSS-SECTION P.

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ORIGINAL SURVEY NO.	SURVEYED	DATE
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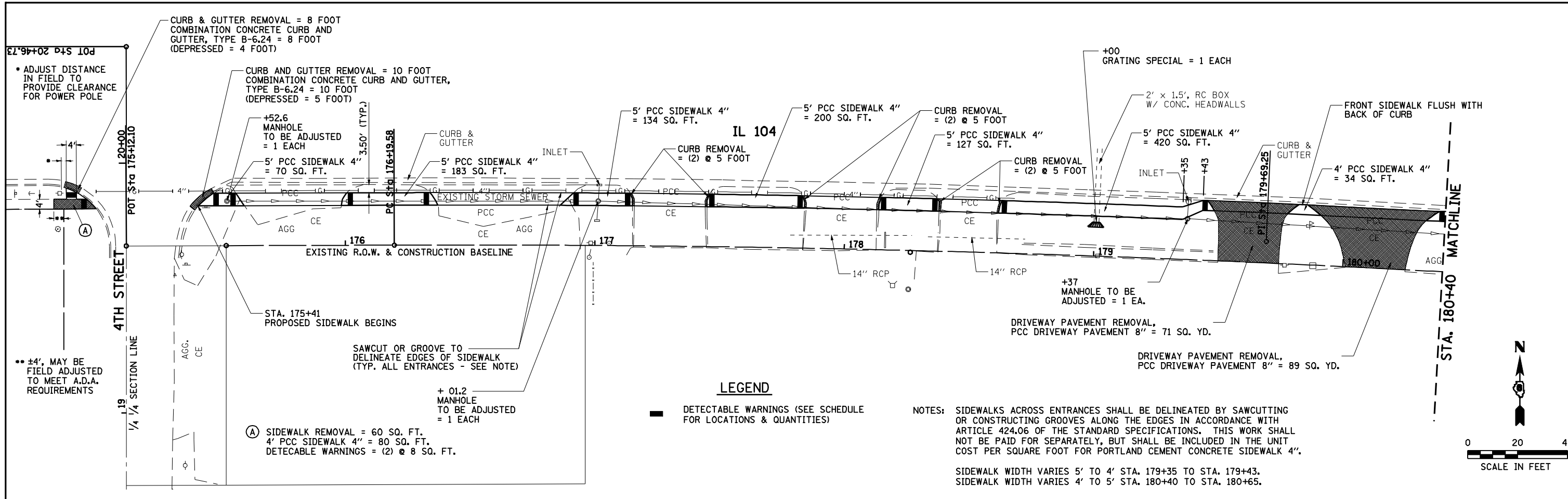
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

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F.A.P. RTE. 753	SECTION 141RS-6&142RS-6	COUNTY	TOTAL SHEETS 62	SHEET NO. 59
CONTRACT NO. 72B13			ILLINOIS FED. AID PROJECT	

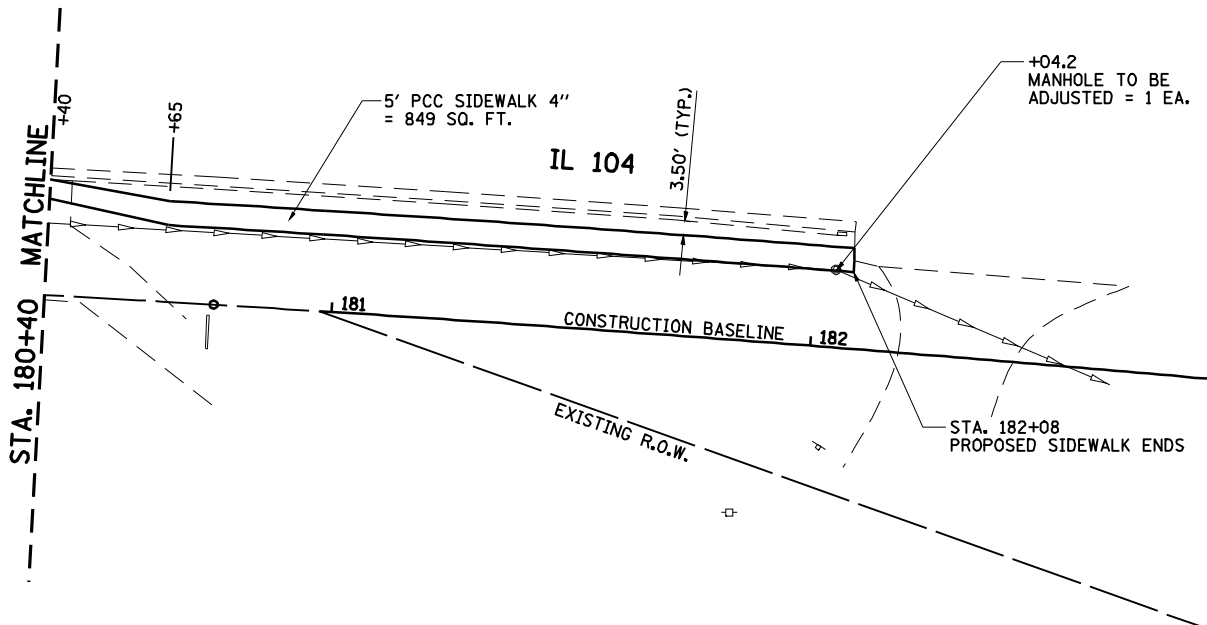
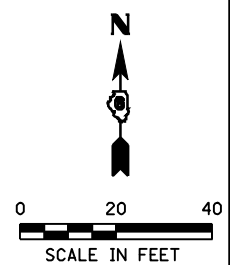


LEGEND

■ DETECTABLE WARNINGS (SEE SCHEDULE FOR LOCATIONS & QUANTITIES)

NOTES: SIDEWALKS ACROSS ENTRANCES SHALL BE DELINEATED BY SAWCUTTING OR CONSTRUCTING GROOVES ALONG THE EDGES IN ACCORDANCE WITH ARTICLE 424.06 OF THE STANDARD SPECIFICATIONS. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT COST PER SQUARE FOOT FOR PORTLAND CEMENT CONCRETE SIDEWALK 4\"/>

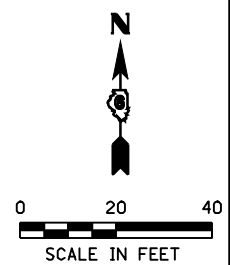
SIDEWALK WIDTH VARIES 5' TO 4' STA. 179+35 TO STA. 179+43.
SIDEWALK WIDTH VARIES 4' TO 5' STA. 180+40 TO STA. 180+65.



LOCATION	SIDEWALK SCHEDULE			
	PORTLAND CEMENT CONCRETE SIDEWALK 4"	DETECTABLE WARNINGS	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT
	SQ FT	SQ FT	FOOT	SQ YD
STA. 174+90.0, LT.	80	8	8	
STA. 179+95.0, LT.		8		
STA. 175+41.1, LT.			10	
STA. 175+41.1, LT. TO STA. 175+59.5, LT.	70			
STA. 175+48.1, LT.		10		
STA. 175+55.0, LT.		10		
STA. 175+98.4, LT. TO STA. 176+37.0, LT.	183			
STA. 176+02.0, LT.		10		
STA. 176+32.5, LT.		10		
STA. 176+86.0, LT. TO STA. 177+15.7, LT.	134			
STA. 176+92.5, LT.		10		
STA. 177+13.0, LT.		10		
STA. 177+44.0, LT. TO STA. 177+84.4, LT.	200			
STA. 177+46.7, LT.		10		
STA. 177+82.0, LT.		10		
STA. 178+12.7, LT. TO STA. 178+38.2, LT.	127			
STA. 178+15.3, LT.		10		
STA. 178+35.9, LT.		10		
STA. 178+60.7, LT. TO STA. 179+49.5, LT.	420			
STA. 178+63.7, LT.		10		
STA. 179+43.0, LT.		8		
STA. 179+62.0, LT.				71
STA. 179+75.2, LT. TO STA. 179+94.3, LT.	34			
STA. 180+12.0, LT.				89
STA. 180+29.4, LT. TO STA. 182+07.8, LT.	849			
STA. 180+39.0, LT.		8		
TOTALS	2097	142	18	160

LOCATION	REMOVAL AND ADJUSTMENT SCHEDULE				
	COMBINATION CURB AND GUTTER REMOVAL	CURB REMOVAL	SIDEWALK REMOVAL	DRIVEWAY PAVEMENT REMOVAL	MANHOLES TO BE ADJUSTED
	FOOT	FOOT	SQ. FT.	SQ. YD.	EACH
STA. 174+90.0, LT.	8		60		
STA. 175+41.1, LT.	10				
STA. 175+52.6, LT.					1
STA. 177+01.2, LT.					1
STA. 177+15.7, LT.		5			
STA. 177+44.0, LT.		5			
STA. 177+84.4, LT.		5			
STA. 178+12.7, LT.		5			
STA. 178+38.2, LT.		5			
STA. 178+60.7, LT.		5			
STA. 179+37.0, LT.					1
STA. 179+62.0, LT.				71	
STA. 180+12.0, LT.				89	
STA. 182+04.2, LT.					1
TOTALS	18	30	60	160	4

EARTH EXCAVATION = 30 CU YD
GRATING, SPECIAL = 1 EACH



GREENE & READFORD, INC.
CONSULTING ENGINEERS
OF ILLINOIS

PROJECT NO. 09007-09
DATE: 02/19/09

FILE NAME =	USER NAME = laughtlir1	DESIGNED WCB	REVISED -
es:\pwork\PWIDOT\LAUGHLINRL\0187893\0900709-shr-Plnprf2.dgn		DRAWN FAV	REVISED -
PLOT SCALE = 40.0000 ' / IN.		CHECKED MDS/JLG	REVISED -
PLOT DATE = Mar-01-2010 08:57:38AM		DATE 02/19/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

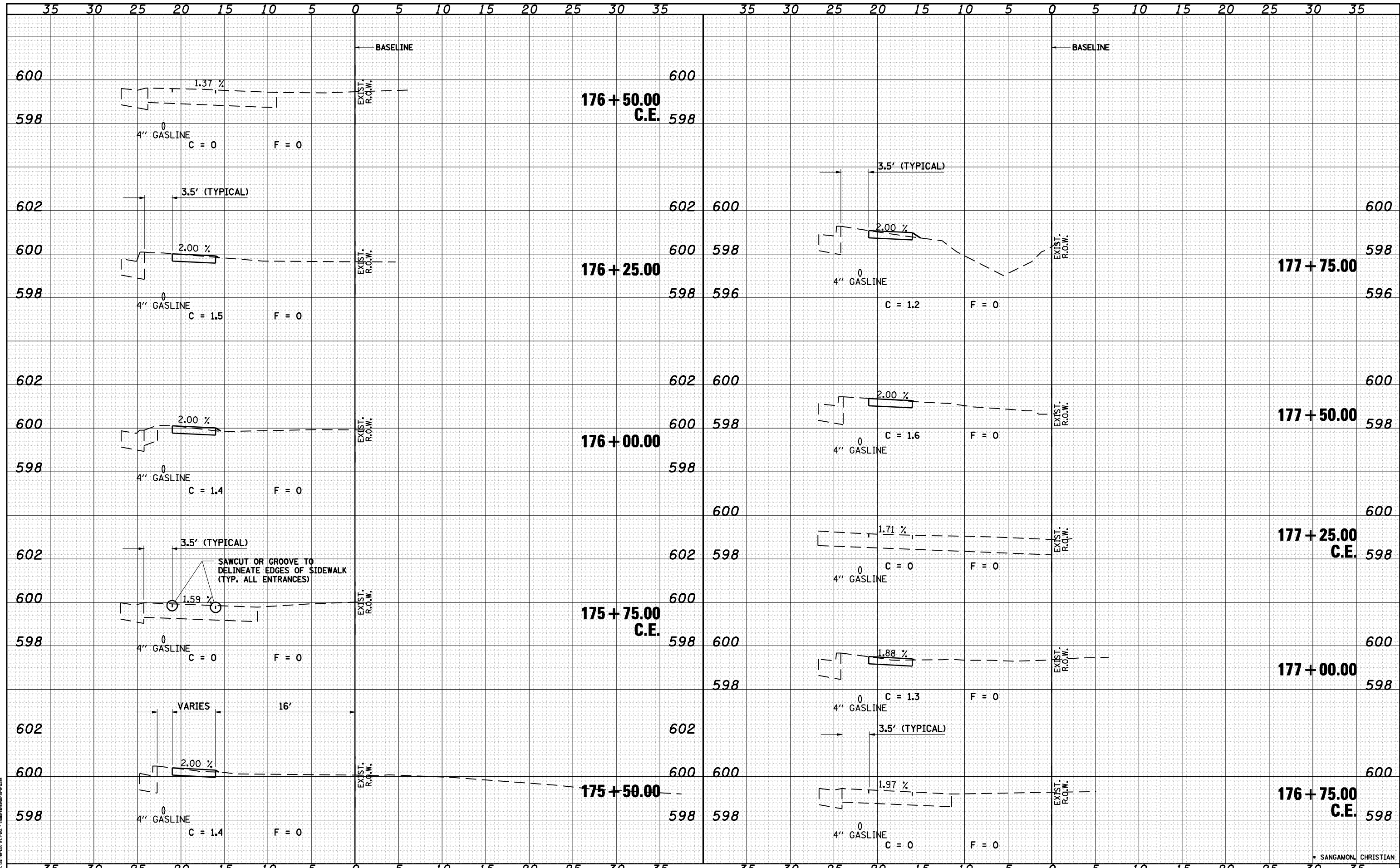
SIDEWALK PLAN

SCALE: 1" = 20' SHEET NO. 1 OF 1 SHEETS STA. 175+12.10 TO STA. 183+18

* SANGAMON, CHRISTIAN				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	141RS-6&142RS-6	*	62	62A
CONTRACT NO. 72B13				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DATE	
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FINAL SURVEY	
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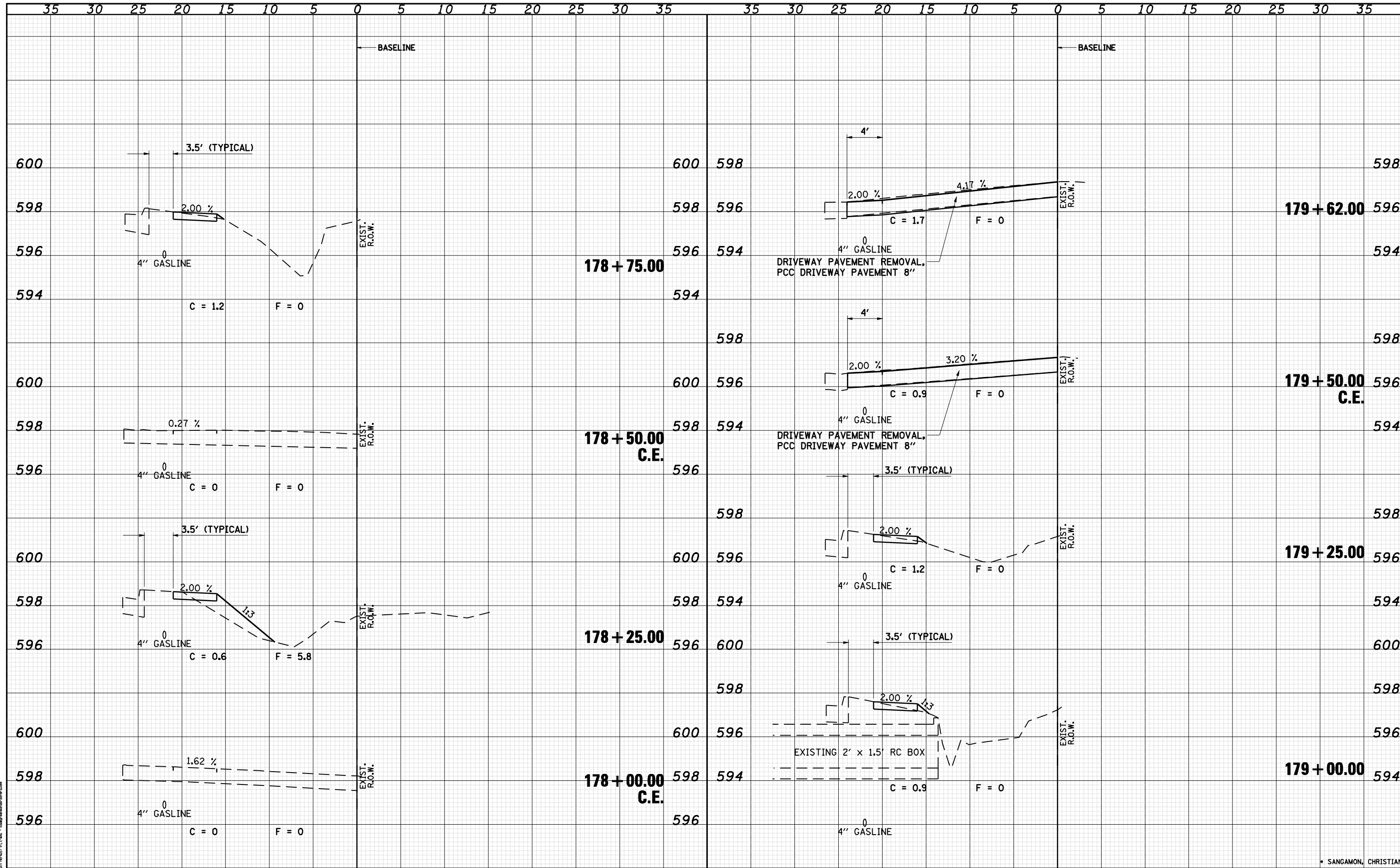
FILE NAME =	USER NAME = laughlinr1	DESIGNED WCB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIDEWALK CROSS SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
o:\pwork\PWIDOT\LAUGHLINRL\d0187893\0900709	shht-xasht2.dgn	DRAWN FAV	REVISED -		753	141RS-6&142RS-6	*	62	62B			
PLOT SCALE = 10.0000 "/> <td>IN.</td> <td>CHECKED MDS/JLG</td> <td>REVISED -</td> <td colspan="4" style="text-align: center;">CONTRACT NO. 72B13</td>	IN.	CHECKED MDS/JLG	REVISED -		CONTRACT NO. 72B13							
PLOT DATE = Mar-01-2010 08:54:53AM	DATE 02/05/10	REVISED -	SCALE: 1" = 5'		SHEET NO. 1 OF 4 SHEETS	STA. 175+50.00	TO STA. 177+75.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

* SANGAMON, CHRISTIAN

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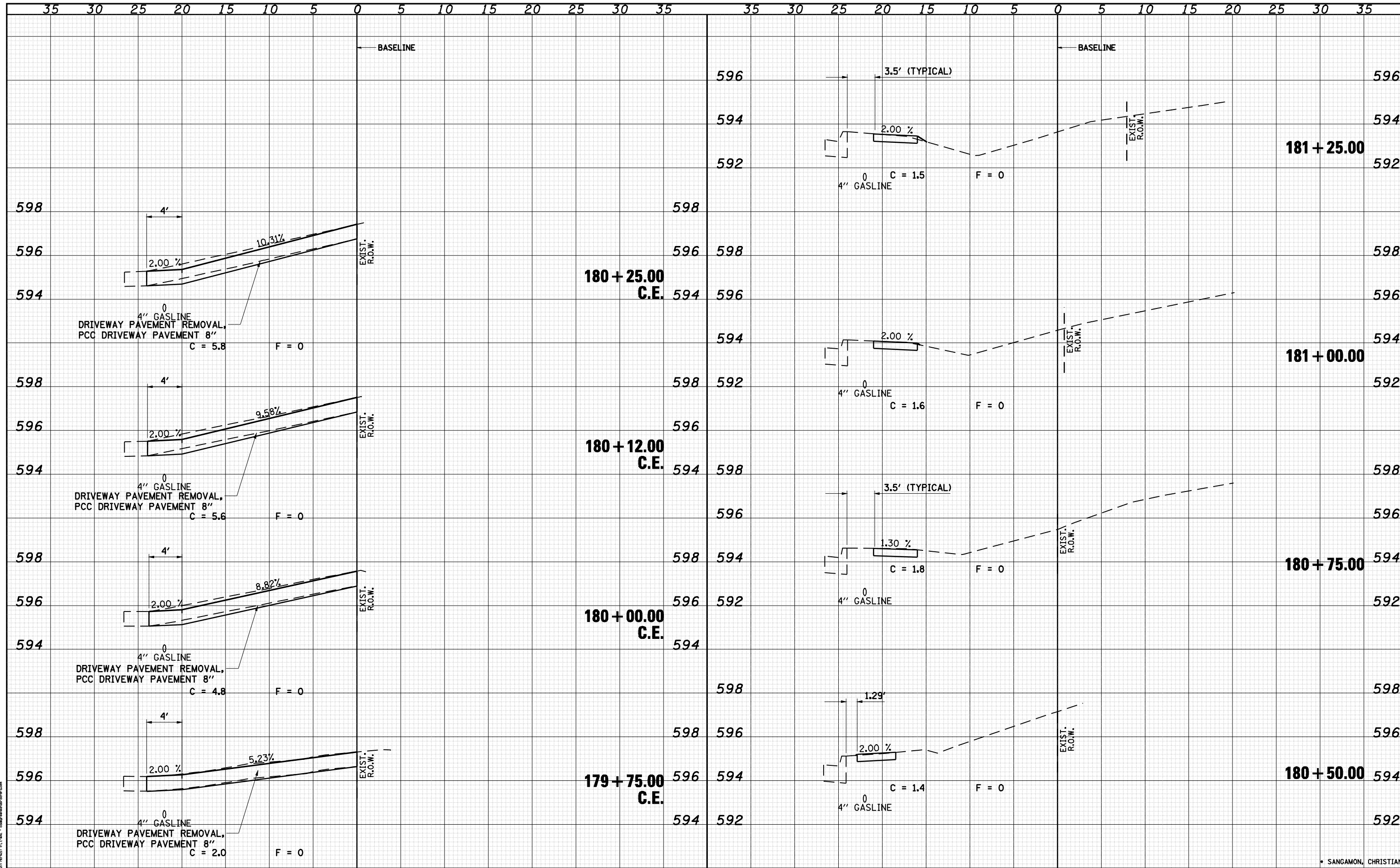


FILE NAME =	USER NAME = laughlinr1	DESIGNED WCB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIDEWALK CROSS SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
o:\pwork\pwork\LAUGHLINR1\0187893\0900709	shh-xasht2.dgn	DRAWN FAV	REVISED -		753	141RS-6&142RS-6	*	62	62C			
PLOT SCALE = 10.0000 "/td> <td></td> <td>CHECKED MDS/JLG</td> <td>REVISED -</td> <td colspan="4" style="text-align: center;">CONTRACT NO. 72B13</td>		CHECKED MDS/JLG	REVISED -		CONTRACT NO. 72B13							
PLOT DATE = Mar-01-2010 08:54:58AM		DATE 02/05/10	REVISED -		SCALE: 1" = 5'	SHEET NO. 2 OF 4 SHEETS	STA. 178+00.00 TO STA. 179+62.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

* SANGAMON, CHRISTIAN

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



FILE NAME =	USER NAME = laughlinr1	DESIGNED WCB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIDWALK CROSS SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwwork\pwidot\LAUGHLINRL\0187893\0900709	sh-t-xash2.dgn	DRAWN FAV	REVISED -			753	141RS-6&142RS-6	*	62	62D	
PLOT SCALE = 10.0000 "/td> <td></td> <td>CHECKED MDS/JLG</td> <td>REVISED -</td> <td colspan="6">CONTRACT NO. 72B13</td>		CHECKED MDS/JLG	REVISED -			CONTRACT NO. 72B13					
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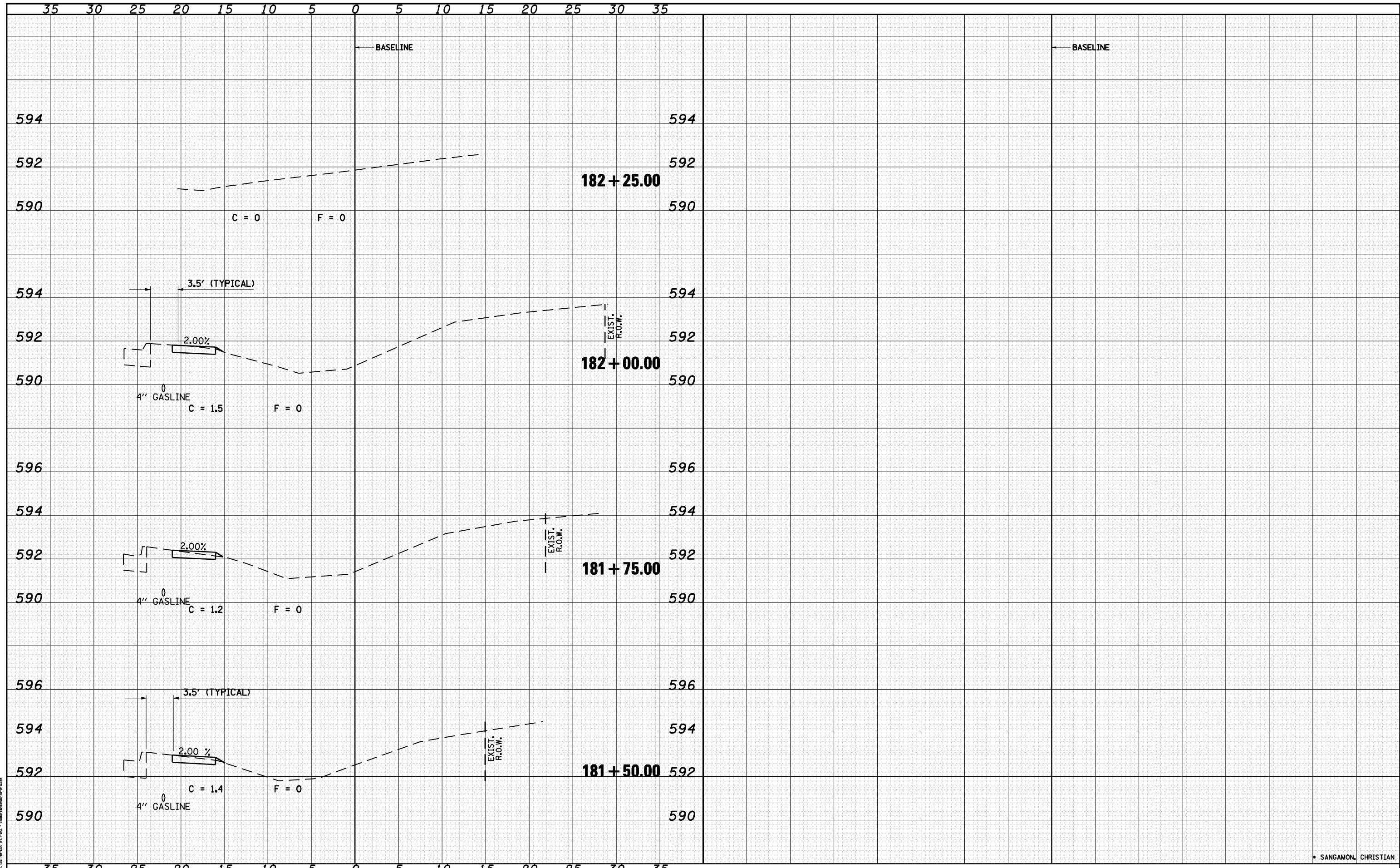
C&B PROJECT: PLOT DRIVER = *PLOTTER*

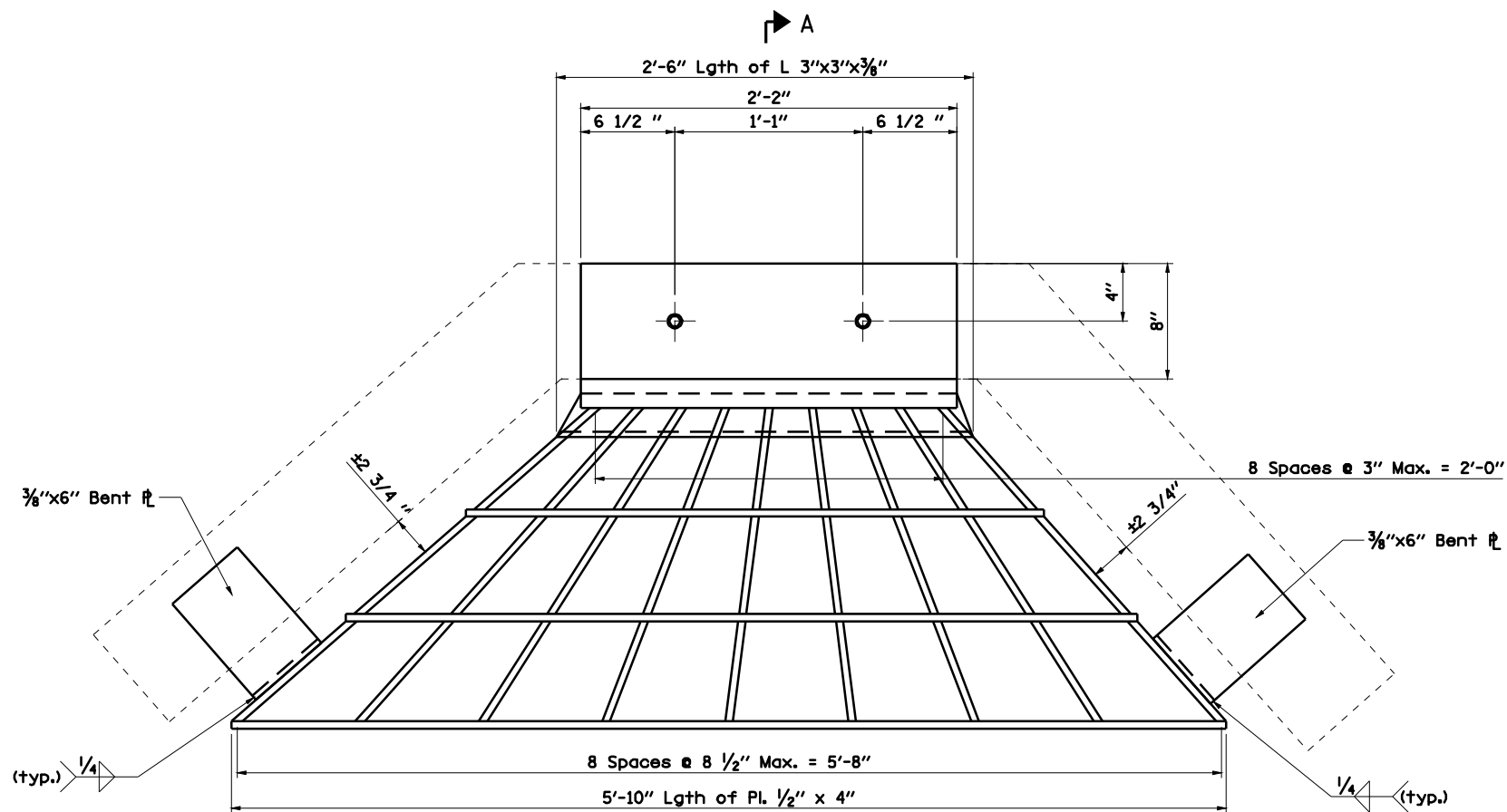
* SANGAMON, CHRISTIAN

DATE	
BY	
FINAL SURVEY	
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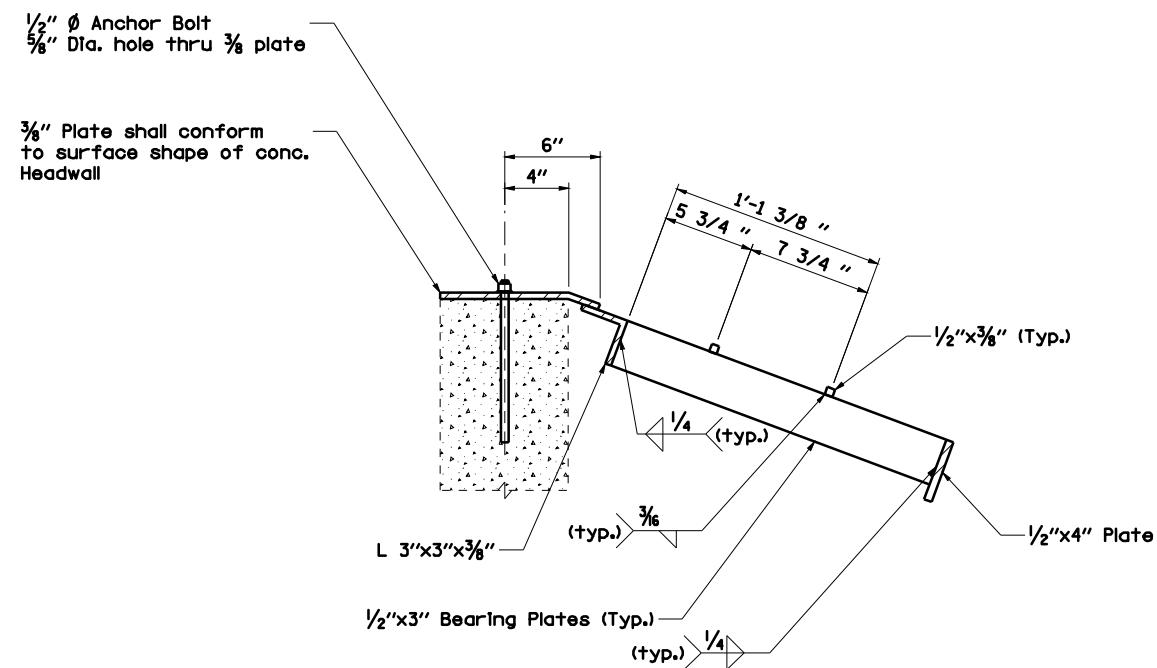
DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

GREENE & REARDON, INC.
 CONSULTING ENGINEERS
 1000 N. WASHINGTON ST., SUITE 200
 DECATUR, IL 62521
 PHONE: 217/285-1100
 FAX: 217/285-1101
 WWW: WWW.GREENE-REARDON.COM





PLAN
 Quantity of steel = 180 lbs.



SECTION A-A

GENERAL NOTES

Approximate quantity of steel shown includes total quantity of grating, bolts, nuts, washers and steel pipe.

1/2" Anchor Bolts drilled & grouted to manufacturer's specifications

Fabricator to field verify headwall dimensions to ensure proper fit.

G&B CONSULTING ENGINEERS
 1000 N. W. 10th St., Ft. Lauderdale, FL 33304
 (954) 561-1111
 www.gandb.com



FILE NAME =	USER NAME = laughlinr1	DESIGNED - WCB	REVISED -
c:\pwwork\pwidot\LAUGHLINRL\0187893\000709-Shit-Details2.dgn		DRAWN - FAV	REVISED -
	PLOT SCALE = 2.0034 "/ IN.	CHECKED - MDS/JLG	REVISED -
G&B PROJECT: 09007.09	PLOT DATE = Mar-01-2010 08:55:09AM	DATE - 02/19/09	REVISED -
PLOT DRIVER = #PLOTTER#			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GRATING SPECIAL DETAILS

SCALE: N.T.S. SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	141RS-6&142RS-6	SANGAMON	62	62F
CONTRACT NO. 72B13				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				