

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	105(RS-6); 106(RS-4)	ILLINOIS	88	1
		CONTRACT NO. 72C49		

*-CASS, SANGAMON **★88-1+1=88**

D-96-028-09



LOCATION OF SECTION INDICATED THUS: - - -

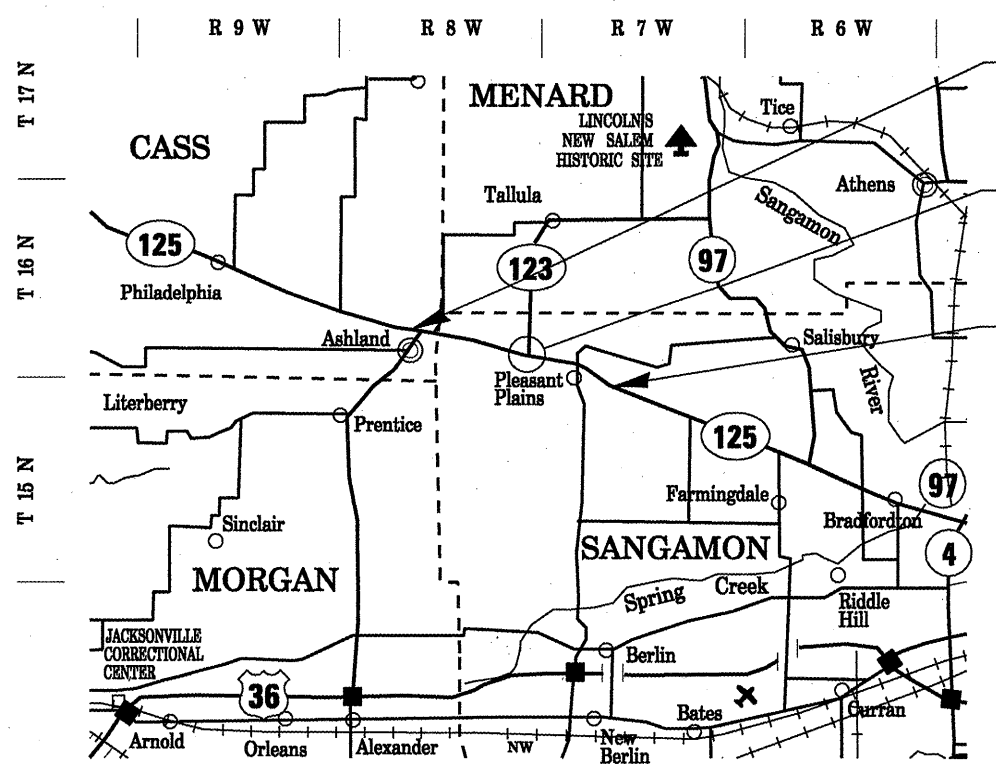
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 67 (IL RTE. 125)
SECTION 105(RS-6); 106(RS-4)

PROJECT : *ACF-0067(081)*
RESURFACING FROM ASHLAND TO E.C.L. PLEASANT PLAINS
CASS & SANGAMON COUNTIES
C-96-028-09

INDEX OF SHEETS AND
HIGHWAY STANDARDS ARE
LOCATED ON SHEET 2.



BEGINNING OF PROJECT:
STATION 1079+00.00

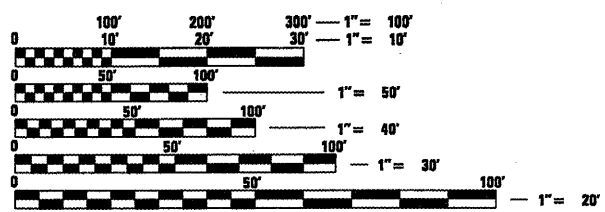
**PROPOSED ILL 125 /IL 123
INTERSECTION
IMPROVEMENTS**

END OF PROJECT:
STATION 276+50.00

LOCATION MAP

NET LENGTH = 27,911.17 FT. = 5.286 MILES

STATION EQUATIONS:
1099+98.54 BK. = 18+36.74 AHD.
184+21.41 BK. = 184+17.48 AHD.
272+58.90 BK. = 272+63.46 AHD.



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 TEAM ENGINEER: MARCUS BRUCE (217) 524-0946

CONTRACT NO. 72C49

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED *December 16, 2009*

Reg Z Smith
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Scott E. Stitt, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

Christine M. Reed, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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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 (COVER SHEET) 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 UNLESS OTHERWISE SHOWN.
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.
7. UNLESS DIRECTED BY THE ENGINEER, PAINT PAVEMENT MARKING LINES SHALL NOT BE PLACED DIRECTLY OVER A LONGITUDINAL CRACK OR JOINT. 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. 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.
9. 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.
10. WHERE SECTION OR SUB-SECTION MARKERS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED AGENT OR LAND SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
11. LIMITS OF CONSTRUCTION ALONG SIDE ROADS SHALL BE VERIFIED AND APPROVED BY THE ENGINEER BEFORE WORK BEGINS. LIMITS MAY BE ADJUSTED FROM PROPOSED PLAN LAYOUT IF ENGINEER DEEMS NECESSARY.
12. EXISTING MANHOLES AND INLET FRAMES & LIDS DAMAGED BY THE CONTRACTOR'S OPERATION SHALL BE REPLACED WITH NEW FRAMES AND LIDS AT THE CONTRACTOR'S EXPENSE.

INDEX OF SHEETS

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*69 DELETED

STANDARDS

- | | |
|-----------|-----------|
| 000001-05 | 701201-03 |
| 406201-01 | 701301-03 |
| 442201-03 | 701306-02 |
| 701001-02 | 701311-03 |
| 701006-03 | 701901-01 |
| 701011-02 | 701501-05 |
| 701326-03 | 825001 |
| 720001-01 | 836001 |
| 720006-02 | |
| 728001-01 | |
| 731001-01 | |

BITUMINOUS MIXTURE REQUIREMENTS TABLES

IL 125, IL 123, T.R. 22, & 1.5" SHOULDERS ALONG MAINLINE	
MIXTURE USE(S):	HMA SURF CSE
AC/PG:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N DESIGN = 70
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5 OR 12.5
FRICTION AGREGATE:	MIX "D"

IL 125 RURAL SIDEROADS, IL 125 / IL 123 INTERSECTION	
MIXTURE USE(S):	HMA SHOULDERS AND INCIDENTAL
AC/PG:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N DESIGN = 50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5 OR 12.5
FRICTION AGREGATE:	MIX "C"

IL 125 RURAL AREAS	
MIXTURE USE(S):	HMA SHOULDER REMOVAL AND REPLACEMENT (SPECIAL)
AC/PG:	PG 58-22
DESIGN AIR VOIDS:	2.0% @ N DESIGN = 30
MIXTURE COMPOSITION: (GRADATION MIXTURE)	BAM (OTHER)
FRICTION AGREGATE:	N/A

IL 125 / YANKEE TOWN ROAD (T.R. 22)	
MIXTURE USE(S):	BASE COURSE WIDENING (9" AND 12" DEPTHS)
AC/PG:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N DESIGN = 70
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 19.0
FRICTION AGREGATE:	N/A

IL 125 / IL 123 / T.R. 22 INTERSECTION	
MIXTURE USE(S):	LEVELING BINDER, 1"
AC/PG:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N DESIGN = 70
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5
FRICTION AGREGATE:	N/A

DISTRICT SIX	
EXAMINED <u>Dec 11</u> 20 <u>09</u>	
<i>Rami J. Haas</i>	
OPERATIONS ENGINEER	
EXAMINED <u>Dec 11</u> 20 <u>09</u>	
<i>Rami J. Haas</i>	
PROGRAM IMPLEMENTATION ENGINEER	
EXAMINED <u>December 16</u> 20 <u>09</u>	
<i>ARUL</i>	
PROGRAM DEVELOPMENT ENGINEER	

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	105(RS-6); 106(RS-4)	CASS/SANG.	88	2
CONTRACT NO. 72C49				
ILLINOIS FED. AID PROJECT				

ILLINOIS DEPARTMENT OF TRANSPORTATION
LUMINAIRE PERFORMANCE TABLE

GIVEN CONDITIONS

ROADWAY DATA:	Pavement Width	<u>36</u>	<u>FT</u>
	Number Of Lanes	<u>3</u>	
	Median Width	<u>0</u>	<u>FT</u>
	IES Surface Classification	<u>R3</u>	
	Q-Zero Value	<u>.07</u>	
LIGHT POLE DATA:	Mounting Height	<u>45</u>	<u>FT</u>
	Mast Arm Length	<u>15</u>	<u>FT</u>
	Pole Set-Back From Edge Of Pavement	<u>15</u>	<u>FT</u>
LUMINAIRE DATA:	Lamp Type	<u>HPS</u>	
	Lamp Lumens	<u>28,000</u>	
	IES Vertical Distribution	<u>M</u>	
	IES Control Of Distribution	<u>FC</u>	
	IES Lateral Distribution	<u>3</u>	
	Total Light Loss Factor	<u>0.70</u>	
LAYOUT DATA:	Spacing	<u>160</u>	<u>FT</u>
	Configuration	<u>Single Side</u>	
	Luminaire Overhang Over Edge Of Pavement Lane	<u>0</u>	<u>FT</u>

NOTE: Variations from the above specified IES distribution pattern may be requested and acceptance of variations will be subject to review by the Engineer based on how well the performance requirements are met.

PERFORMANCE REQUIREMENTS

NOTE: These performance requirements shall be the minimum acceptable standards of photometric performance for the luminaire, based on the given conditions listed above.

ILLUMINATION:	Average Horizontal Illumination, (E_{Ave})	<u>9.0</u>	<u>Lux</u>
	Uniformity Ratio, (E_{Ave}/E_{Min})	<u>3.0</u>	
LUMINANCE:	Average Luminance: (L_{Ave})	<u>0.60</u>	<u>Cd/m²</u>
	Uniformity Ratios: (L_{Ave}/L_{Min})	<u>3.5</u>	
	(L_{Max}/L_{Min})	<u>6.0</u>	
	Maximum Veiling Luminance Ratio: (L_v/L_{Ave})	<u>0.30</u>	

GENERAL NOTES

- ALL LIGHTING UNITS SHALL BE LABELED ACCORDING TO THE STANDARD SPECIFICATIONS, WITH POLE NUMBERS ATTACHED WITH STAINLESS STEEL BANDING. LIGHTING UNIT NUMBERING SHALL BE AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.
- CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ELECTRICAL WORK WITH OTHER TRADES.
- THE PROPOSED LIGHT POLES SHALL BE INSTALLED AT THE OFFSETS INDICATED. LIGHT POLE FOUNDATIONS SHALL BE INSTALLED PLUMB AND FLUSH WITH THE PROPOSED GRADE AND SHALL MEET THE HEIGHT REQUIREMENTS OF ARTICLE 836.03 OF THE STANDARD SPECIFICATIONS.
- CONTRACTOR SHALL INSTALL LIGHT POLES AT THE LOCATIONS INDICATED ON THE PLANS, MAINTAINING ADEQUATE CLEARANCE FROM OVERHEAD UTILITY LINES. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY CLEARANCES PER THE NATIONAL ELECTRICAL SAFETY CODE AND/OR THE REQUIREMENTS OF THE UTILITY COMPANIES. THE LOCATION OF BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE AND ARE SHOWN FOR INFORMATION ONLY. REROUTING, DISCONNECTION, RELOCATION, PROTECTION ETC., OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND OWNER. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THE COST OF THIS WORK IS TO BE INCLUDED WITH THE TRENCH AND BACKFILL FOR ELECTRICAL WORK PAY ITEM.
- THE EXISTING LIGHT POLE LOCATED AT THE INTERSECTION OF IL 125 AND IL 123 SHALL OPERATE FROM DUSK TO DAWN DAILY FOR THE DURATION OF THIS PROJECT. REMOVE AT THE APPROPRIATE STAGE OF CONSTRUCTION AS DIRECTED BY THE ENGINEER. ALL NECESSARY RELOCATIONS AND ADJUSTMENTS TO THE EXISTING LIGHTING FACILITIES DUE TO STAGING OR CONSTRUCTION SHALL BE MADE AT NO ADDITIONAL COST.

GENERAL NOTES FOR
LIGHTING AND
LUMINAIRE PERFORMANCE
TABLE

SUMMARY OF QUANTITIES

CODE NO.	PAY ITEM	UNIT	80% FED. 20% STATE TOTAL	CASS CO.	SANGAMON CO.
			QUANTITY	1000 QUANTITY	1000 QUANTITY
20200100	EARTH EXCAVATION	CU YD	1,461		1,461
28000305	TEMPORARY DITCH CHECKS	FOOT	100		100
28000400	PERIMETER EROSION BARRIER	FOOT	3,875		3,875
31100700	SUB-BASE GRANULAR MATERIAL, TYPE A 8"	SQ YD	2,946		2,946
35600712	HOT-MIX ASPHALT BASE COURSE WIDENING, 9"	SQ YD	627		627
35600724	HOT-MIX ASPHALT BASE COURSE WIDENING, 12"	SQ YD	1705		1705
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	37.8	4.4	33.4
40600300	AGGREGATE (PRIME COAT)	TON	201.1	24.4	176.7
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	439		439
40600895	CONSTRUCTING TEST STRIP	EACH	1		1
40600982	HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT	SQ YD	218	80	138
40600990	TEMPORARY RAMP	SQ YD	75	15	60
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	8377	976	7,401
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	77	33	44
44000100	PAVEMENT REMOVAL	SQ YD	31		31
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	25,144		25,144
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	72,064	11,502	60,562

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	105IRS-6, 106RS-4)	SANG/CASS	88	3
CONTRACT NO. 72C49				
ILLINOIS FED. AID PROJECT				

Rev.

SUMMARY OF QUANTITIES

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CASS CO.	SANGAMON CO.
				100% FED QUANTITY	100% FED QUANTITY
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	60		60
44000920	BITUMINOUS CONCRETE SHOULDER REMOVAL	SQ YD	518		518
44002020	CONCRETE MEDIAN SURFACE REMOVAL	SQ FT	96		96
44200180	PAVEMENT PATCHING, TYPE II, 15 INCH	SQ YD	100	10	90
44200184	PAVEMENT PATCHING, TYPE III, 15 INCH	SQ YD	100	10	90
48101200	AGGREGATE SHOULDERS, TYPE B	TON	1,359	58	1,301
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	1,445		1,445
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	1711		1711
54200217	PIPE CULVERTS, CLASS C, TYPE 1 12"	FOOT	30		30
50105220	PIPE CULVERT REMOVAL	FOOT	20		20
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	162		162
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	10		10
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	1	3
67100100	MOBILIZATION	L SUM	1	0.1	0.9
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0.1	0.9
<i>70100500</i>	<i>TRAFFIC CONTROL AND PROTECTION, STANDARD 701326</i>	<i>L SUM</i>	<i>1</i>		<i>1</i>
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.1	0.9
<i>70102620</i>	<i>TRAFFIC CONTROL AND PROTECTION, STANDARD 701501</i>	<i>L SUM</i>	<i>1</i>		<i>1</i>
70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1		1

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	105(RS-6), 106(RS-4)	SANG/CASS	88	4
CONTRACT NO. 72C49			ILLINOIS FED. AID PROJECT	

Rev.

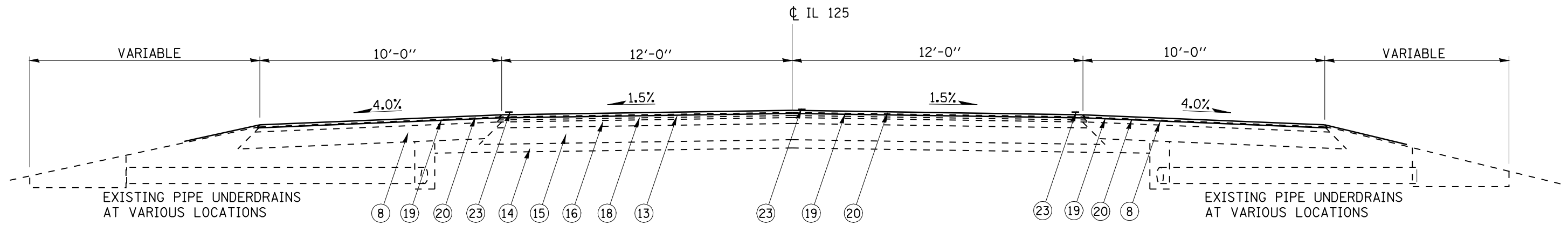
SUMMARY OF QUANTITIES

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CASS CO.	SANGAMON CO.
				100% FED QUANTITY	100% FED QUANTITY
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	15	2	13
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	2800	270	2,530
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	933	90	843
72400600	RELOCATE SIGN PANEL ASSEMBLY-TYPE B	EACH	3		3
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	51.5		51.5
78000300	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	FOOT	9,008		9,008
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	340		340
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	343		343
78001120	PAINT PAVEMENT MARKING - LINE 5"	FOOT	<u>56,370</u>	<u>5,136</u>	<u>51,234</u>
78004200	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS	SQ FT	78		78
78004220	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 5"	FOOT	100		100
78004230	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6"	FOOT	460		460
78004280	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24"	FOOT	53		53
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	391	34	357
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	350	34	316
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1		1
81020500	CONDUIT PUSHED, 2" DIA., INTERMEDIATE METAL	FOOT	312		312

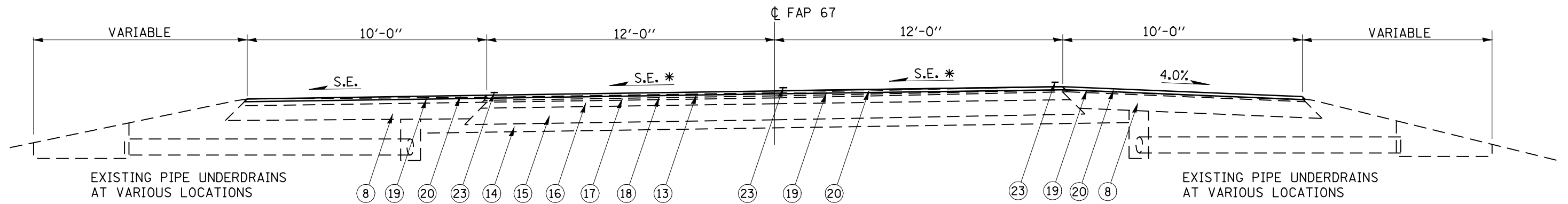
Rev.

SUMMARY OF QUANTITIES

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CASS CO.	SANGAMON CO.
				100% FED QUANTITY	100% FED QUANTITY
81603000	UNIT DUCT, 600V, 2-1C NO. 8, 1/C NO. 8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	1,595		1,595
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	1,200		1,200
82102250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	11		11
82500310	LIGHTING CONTROLLER, <i>POLE MOUNTED, 240VOLT, 60AMP</i>	EACH	1		1
83003600	LIGHT POLE, ALUMINUM, 45 FT. M. H., 15 FT. DAVIT ARM	EACH	11		11
83600355	LIGHT POLE FOUNDATION METAL, 15" BOLT CIRCLE, 8"X6'	EACH	11		11
83800650	BREAKAWAY DEVICE, COUPLING, WITH STAINLESS STEEL SCREEN	EACH	44		44
89502400	REMOVE EXISTING FLASHING BEACON <i>INSTALLATION COMPLETE</i>	EACH	1		1
X0325739	HOT-MIX ASPHALT SHOULDER REMOVAL AND REPLACEMENT (SPECIAL)	SQ YD	2,131	207	1,924
X6063600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24	FOOT	43		43
X6064201	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.06	FOOT	23		23
XX005938	SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	3		3
<i>73700100</i>	<i>REMOVE GROUND-MOUNTED SIGN SUPPPORT</i>	<i>EACH</i>	<i>3</i>		<i>3</i>
<i>84200600</i>	<i>REMOVAL OF LIGHTING UNIT, NO SALVAGE</i>	<i>EACH</i>	<i>1</i>		<i>1</i>
<i>84200807</i>	<i>REMOVAL OF POLE FOUNDATION, METAL</i>	<i>EACH</i>	<i>1</i>		<i>1</i>
<i>84500110</i>	<i>REMOVAL OF LIGHTING CONTROLLER</i>	<i>EACH</i>	<i>1</i>		<i>1</i>
<i>84500120</i>	<i>REMOVAL OF ELECTRIC SERVICE INSTALLATION</i>	<i>EACH</i>	<i>1</i>		<i>1</i>



TYPICAL CROSS SECTION #1
1079+00.00 TO 1081+69.59



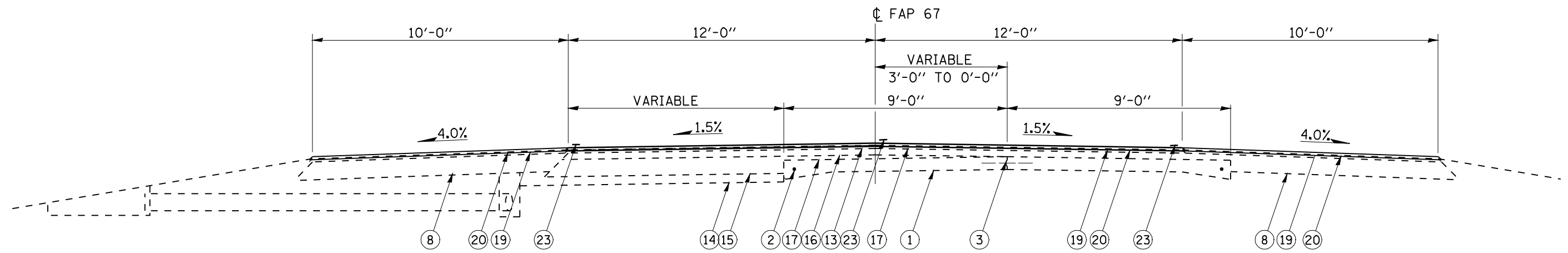
TYPICAL CROSS SECTION #2
1081+69.59 TO 1091+88.89

* - S.E. TRANSITION IN:
 1080+52.24 TO 1082+06.91
 FULL S.E. (4.5%):
 1082+06.91 TO 1091+48.68
 S.E. TRANSITION OUT:
 1091+48.68 TO 1093+03.35

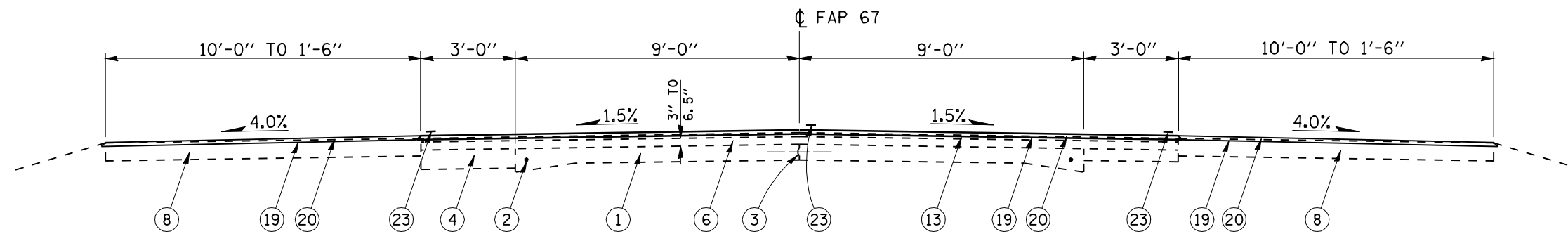
LEGEND

- | | |
|---|---|
| ① EXIST. P.C.C. PAVEMENT (9"-6"-9") | ⑭ EXIST SUB-BASE GRANULAR MATERIAL, TY A, 4" |
| ② EXIST. 3/4" DIA. BAR | ⑮ EXIST STABILIZED BASE COURSE, 8" |
| ③ EXIST. 1/2" DIA. BAR | ⑯ EXIST BITUMINOUS CONCRETE SURFACE, 3" |
| ④ EXIST. P.C.C. WIDENING 8" | ⑰ EXIST LEVELING BINDER (MACHINE METHOD)
TY 2 - VARIABLE DEPTH |
| ⑤ EXIST. BITUMINOUS WIDENING OR BASE COURSE 9" | ⑱ EXIST LEVELING BINDER (MACHINE METHOD)
TY 2 - 1" |
| ⑥ EXIST. BITUMINOUS SURFACE
(SEE TYPICAL SECTIONS FOR THICKNESS) | ⑲ PROP. HOT-MIX ASPHALT SURFACE REMOVAL
(1/2" @ CL AND VARIABLE DEPTH) |
| ⑦ EXIST. BITUMINOUS SHOULDERS, 6" | ⑳ PROP. HOT-MIX ASPHALT SURFACE COURSE,
MIX D, N70, 1-1/2" |
| ⑧ EXIST. BITUMINOUS SHOULDERS, 8" | ㉑ NOT USED |
| ⑨ EXIST. AGGREGATE SHOULDERS | ㉒ PROP. AGREGATE SHOULDERS, TYPE-B |
| ⑩ EXIST. CONCRETE GUTTER | ㉓ PROP. PAINT PAVEMENT MARKINGS - LINE 5" |
| ⑪ EXIST. LEVELING BINDER (MACHINE METHOD)
MIX. C, TYPE 2, 3/4" | ㉔ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1-1/2" |
| ⑫ EXIST. LEVELING BINDER (MACHINE METHOD)
MIX. B, TYPE 2, 1-3/4" | ㉕ PROP. HOT-MIX ASPHALT SHOULDER REMOVAL AND
REPLACEMENT, ± 10" |
| ⑬ EXIST. BITUMINOUS CONCRETE SURFACE COURSE,
MIX. D, CLASS 1, TYPE 2, 1-1/2" | |

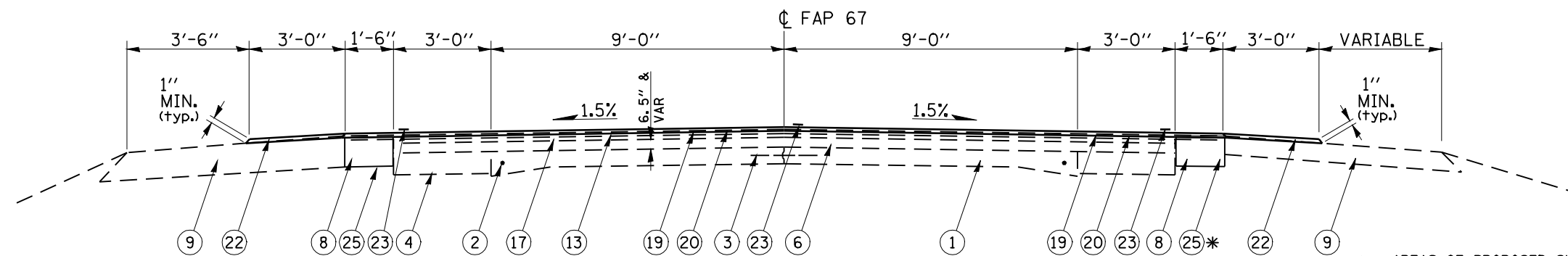
FILE NAME =	USER NAME = coxte	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
es:\pwwork\pwwid001\COXTE\vdma84394\0672089-shr-typico1.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO. 1 OF 7 SHEETS	STA.	TO STA.	67	105(RS-6) 106(RS-4)	CASS, SANG.	88	7
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -					CONTRACT NO. 72C49					
PLOT DATE = Dec-18-2009 04:47:49PM		DATE -	REVISED -										



TYPICAL CROSS SECTION #3
 1091+88.89 TO 1097+00.00



TYPICAL CROSS SECTION #4
 1097+00.00 TO 1099+98.54
 STATION EQUATION:
 1099+98.54 (BACK) = 18+36.74 (AHEAD)



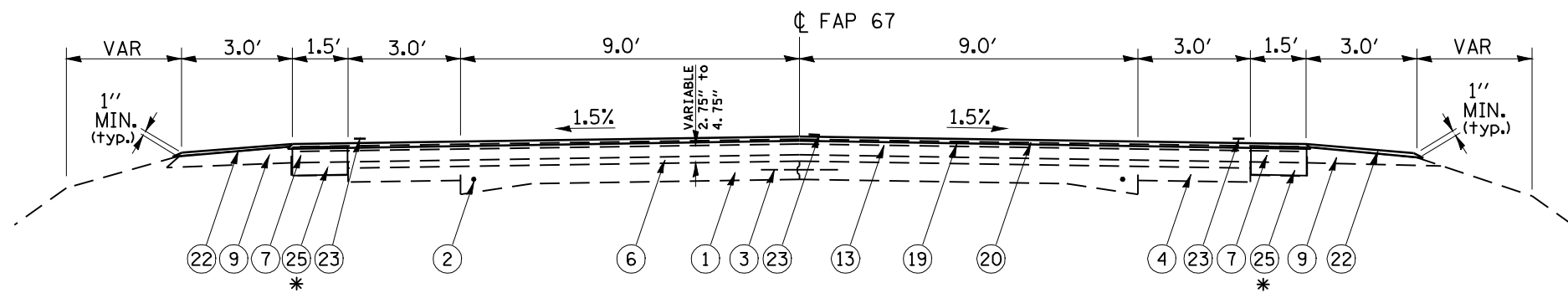
TYPICAL CROSS SECTION #5
 18+36.47 TO 24+46.50

* - AREAS OF PROPOSED SHOULDER REMOVAL AND REPLACEMENT WILL BE DETERMINED BY THE ENGINEER IN THE FIELD. SEE THE SPECIAL PROVISIONS.

LEGEND

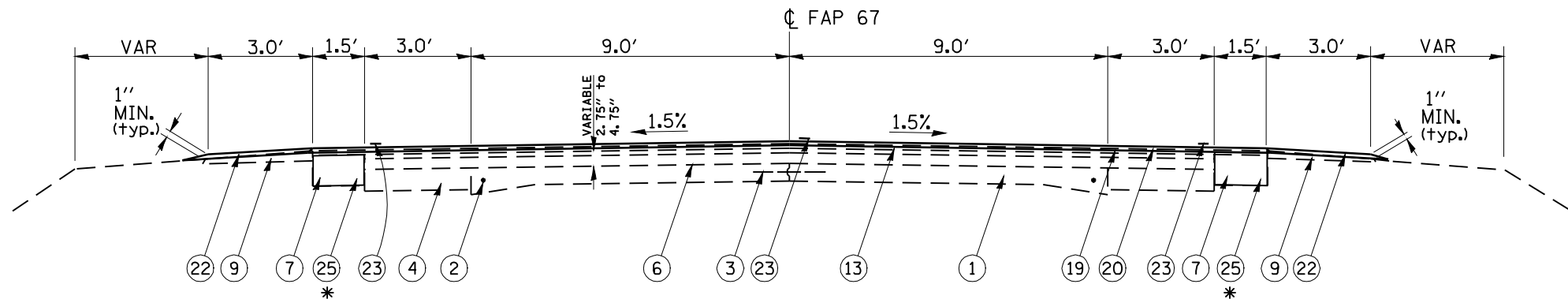
- ① EXIST. P.C.C. PAVEMENT (9'-6"-9')
- ② EXIST. 3/4" DIA. BAR
- ③ EXIST. 1/2" DIA. BAR
- ④ EXIST. P.C.C. WIDENING 8"
- ⑤ EXIST. BITUMINOUS WIDENING OR BASE COURSE 9"
- ⑥ EXIST. BITUMINOUS SURFACE (SEE TYPICAL SECTIONS FOR THICKNESS)
- ⑦ EXIST. BITUMINOUS SHOULDERS, 6"
- ⑧ EXIST. BITUMINOUS SHOULDERS, 8"
- ⑨ EXIST. AGGREGATE SHOULDERS
- ⑩ EXIST. CONCRETE GUTTER
- ⑪ EXIST. LEVELING BINDER (MACHINE METHOD) MIX. C, TYPE 2, 3/4"
- ⑫ EXIST. LEVELING BINDER (MACHINE METHOD) MIX. B, TYPE 2, 1-3/4"
- ⑬ EXIST. BITUMINOUS CONCRETE SURFACE COURSE, MIX. D, CLASS 1, TYPE 2, 1-1/2"
- ⑭ EXIST. SUB-BASE GRANULAR MATERIAL, TY A, 4"
- ⑮ EXIST. STABILIZED BASE COURSE, 8"
- ⑯ EXIST. BITUMINOUS CONCRETE SURFACE, 3"
- ⑰ EXIST. LEVELING BINDER (MACHINE METHOD) TY 2 - VARIABLE DEPTH
- ⑱ EXIST. LEVELING BINDER (MACHINE METHOD) TY 2 - 1"
- ⑲ PROP. HOT-MIX ASPHALT SURFACE REMOVAL (1/2" @ ϕ & VARIABLE DEPTH)
- ⑳ PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 1-1/2"
- ㉑ NOT USED
- ㉒ PROP. AGGREGATE SHOULDERS, TYPE-B
- ㉓ PROP. PAINT PAVEMENT MARKINGS - LINE 5"
- ㉔ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1-1/2"
- ㉕ PROP. HOT-MIX ASPHALT SHOULDER REMOVAL AND REPLACEMENT, \pm 10"

FILE NAME =	USER NAME = coxte	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.P. RTE. 67	SECTION 105(RS-6) 106(RS-4)	COUNTY CASS, SANG.	TOTAL SHEETS 88	SHEET NO. 8
et:\pwork\PWIDOT\COXTE\dma84394\0672089-9-9-9-typico1.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO. 2 OF 7 SHEETS	STA.	TO STA.	CONTRACT NO. 72C49		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -									
PLOT DATE = Dec-18-2009 04:47:51PM		DATE -	REVISED -									



TYPICAL CROSS SECTION #6
24+46.50 TO 61+99.50

* - AREAS OF PROPOSED SHOULDER REMOVAL AND REPLACEMENT WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.



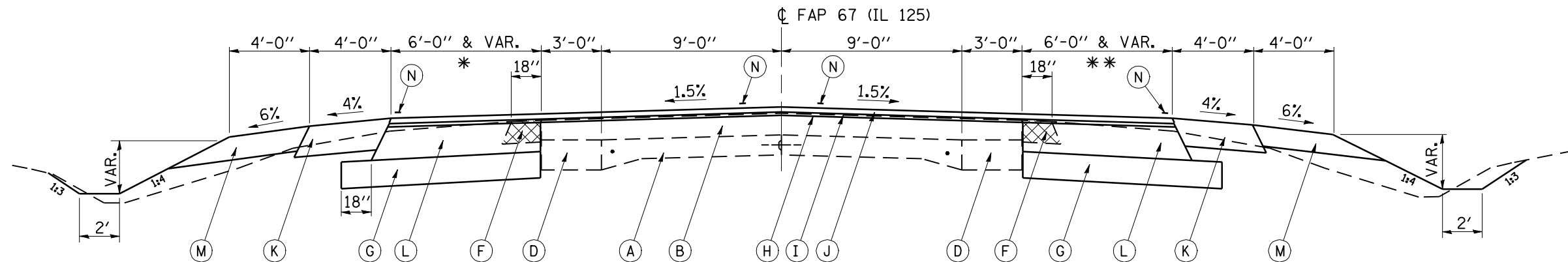
TYPICAL CROSS SECTION #7
61+99.50 TO 152+50.00
169+21.11 TO 184+21.41
 STATION EQUATION:
 184+21.41 BACK = 184+17.48 AHEAD
 184+17.48 TO 213+84.91

* - AREAS OF PROPOSED SHOULDER REMOVAL AND REPLACEMENT WILL BE DETERMINED BY THE ENGINEER IN THE FIELD. SEE THE SPECIAL PROVISIONS.

LEGEND

- ① EXIST. P.C.C. PAVEMENT (9"-6"-9")
- ② EXIST. 3/4" DIA. BAR
- ③ EXIST. 1/2" DIA. BAR
- ④ EXIST. P.C.C. WIDENING 8"
- ⑤ EXIST. BITUMINOUS WIDENING OR BASE COURSE 9"
- ⑥ EXIST. BITUMINOUS SURFACE (SEE TYPICAL SECTIONS FOR THICKNESS)
- ⑦ EXIST. BITUMINOUS SHOULDERS, 6"
- ⑧ EXIST. BITUMINOUS SHOULDERS, 8"
- ⑨ EXIST. AGGREGATE SHOULDERS
- ⑩ EXIST. CONCRETE GUTTER
- ⑪ EXIST. LEVELING BINDER (MACHINE METHOD) MIX. C, TYPE 2, 3/4"
- ⑫ EXIST. LEVELING BINDER (MACHINE METHOD) MIX. B, TYPE 2, 1-3/4"
- ⑬ EXIST. BITUMINOUS CONCRETE SURFACE COURSE, MIX. D, CLASS 1, TYPE 2, 1-1/2"
- ⑭ EXIST SUB-BASE GRANULAR MATERIAL, TY A, 4"
- ⑮ EXIST STABILIZED BASE COURSE, 8"
- ⑯ EXIST BITUMINOUS CONCRETE SURFACE, 3"
- ⑰ EXIST LEVELING BINDER (MACHINE METHOD) TY 2 - VARIABLE DEPTH
- ⑱ EXIST LEVELING BINDER (MACHINE METHOD) TY 2 - 1"
- ⑲ PROP. HOT-MIX ASPHALT SURFACE REMOVAL (1/2" @ ϕ & VARIABLE DEPTH)
- ⑳ PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 1-1/2"
- ㉑ NOT USED
- ㉒ PROP. AGREGATE SHOULDERS, TYPE-B
- ㉓ PROP. PAINT PAVEMENT MARKINGS - LINE 5"
- ㉔ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1-1/2"
- ㉕ PROP. HOT-MIX ASPHALT SHOULDER REMOVAL AND REPLACEMENT, \pm 10"

FILE NAME =	USER NAME = coxte	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
er\pwwork\pwwid\COXTE\dma84394\06720	9-sh-t-typico1.dgn	DRAWN -	REVISED -		67	105(RS-6) 106(RS-4)	CASS, SANG.	88	9			
PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -	REVISED -		CONTRACT NO. 72C49							
PLOT DATE = Dec-18-2009 04:47:53PM	DATE -	REVISED -	REVISED -		SCALE:	SHEET NO. 3 OF 7 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		



TYPICAL CROSS SECTION #8 152+50.00 TO 169+21.11

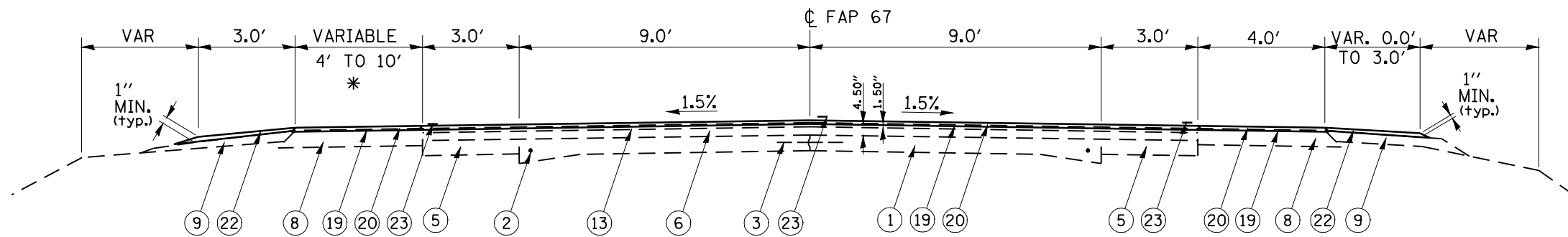
PROPOSED PAVEMENT WIDENING TRANSITIONS:

- * 1'-0" STUB AT 154+40 LT TO 6'-0" AT 158+90.00 LT
 CONSTANT 6'-0" WIDTH BETWEEN 158+90.00 LT TO 159+49.71 LT
 VARIABLE WIDTH BETWEEN 159+49.71 LT TO 162+75.71 LT (IL 123)
 CONSTANT 6'-0" WIDTH BETWEEN 162+75.71 LT TO 165+21.11 LT
 6'-0" AT 165+21.11 LT TO A 1'-0" STUB AT 167+71.11 LT
- ** 1'-0" STUB AT 154+00.00 RT TO 6'-0" AT 156+50.00 RT
 CONSTANT 6'-0" WIDTH BETWEEN 156+50.00 RT TO 161+09.21 RT
 VARIABLE WIDTH BETWEEN 161+09.21 RT TO 163+13.00 RT
 CONSTANT WIDTH BETWEEN 163+13.00 RT TO 163+41.11 RT
 6'-0" AT 163+41.11 RT TO A 1'-0" STUB AT 167+41.11 RT

LEGEND

- (A) EXISTING PCC PAVEMENT, 9"-6"-9" WITH LONGITUDINAL METAL JOINT & 2'-0" DEFORMED BARS @ 30" CTRS.
- (B) EXISTING BITUMINOUS CONCRETE SURFACE, TOTAL DEPTH = 6.5"
- (C) EXISTING AGGREGATE BASE WITH OIL AND CHIP SURFACE
- (D) EXISTING PCC BASE COURSE WIDENING, 9"
- (E) EXISTING BITUMINOUS BASE COURSE WIDENING, 9"
- (F) EXISTING BITUMINOUS SHOULDERS, 6" , TBR
- (G) PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A, 8"
- (H) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, (1/2" @ ϕ AND VARIABLE DEPTH)
- (I) PROPOSED LEVELING BINDER (MACHINE METHOD) HOT-MIX ASPHALT, N70, 1"
- (J) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, HOT-MIX ASPHALT, MIX "D", N70, 1 1/2"
- (K) PROPOSED HOT-MIX ASPHALT SHOULDERS, 8"
- (L) PROPOSED HOT-MIX ASPHALT BASE COURSE WIDENING, 12"
- (M) PROPOSED AGGREGATE SHOULDER, TYPE B, 6"
- (N) PROPOSED PAVEMENT MARKING - LINE 5"

FILE NAME = e:\pwwork\PWIDOT\COXTE\dna84394\067209-9-9-101.dgn	USER NAME = coxte	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -			67	105(RS-6) 106(RS-4)	CASS, SANG.	88	10
PLOT DATE = Dec-18-2009 04:47:55PM	DATE -	REVISED -	REVISED -	SCALE:	SHEET NO. 4 OF 7 SHEETS	STA.	TO STA.	CONTRACT NO. 72C49		
						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



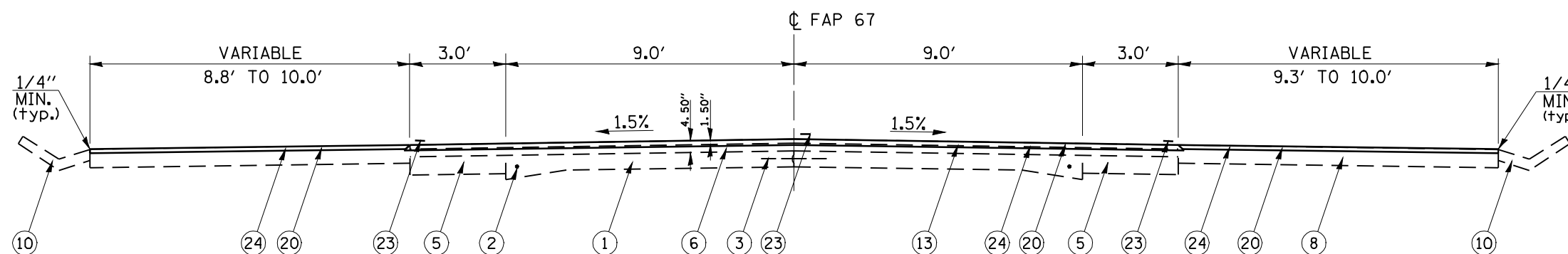
* - EXISTING SHOULDER WIDTHS:
 4'-0" WIDTH AT:
 213+84.91 TO 222+52.93
 10'-0" WIDTH AT:
 222+52.93 TO 224+39.51

TYPICAL CROSS SECTION #9
213+84.91 TO 224+39.51

PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL DEPTH
 TRANSITION FROM VARIABLE DEPTH (1/2" @ ϕ) TO 1-1/2":
 223+50.00 TO 223+90.00

LEGEND

- ① EXIST. P.C.C. PAVEMENT (9"-6"-9")
- ② EXIST. 3/4" DIA. BAR
- ③ EXIST. 1/2" DIA. BAR
- ④ EXIST. P.C.C. WIDENING 8"
- ⑤ EXIST. BITUMINOUS WIDENING OR BASE COURSE 9"
- ⑥ EXIST. BITUMINOUS SURFACE
(SEE TYPICAL SECTIONS FOR THICKNESS)
- ⑦ EXIST. BITUMINOUS SHOULDERS, 6"
- ⑧ EXIST. BITUMINOUS SHOULDERS, 8"
- ⑨ EXIST. AGGREGATE SHOULDERS
- ⑩ EXIST. CONCRETE GUTTER
- ⑪ EXIST. LEVELING BINDER (MACHINE METHOD)
MIX. C, TYPE 2, 3/4"
- ⑫ EXIST. LEVELING BINDER (MACHINE METHOD)
MIX. B, TYPE 2, 1-3/4"
- ⑬ EXIST. BITUMINOUS CONCRETE SURFACE COURSE,
MIX. D, CLASS 1, TYPE 2, 1-1/2"
- ⑭ EXIST. SUB-BASE GRANULAR MATERIAL, TY A, 4"
- ⑮ EXIST. STABILIZED BASE COURSE, 8"
- ⑯ EXIST. BITUMINOUS CONCRETE SURFACE, 3"
- ⑰ EXIST. LEVELING BINDER (MACHINE METHOD)
TY 2 - VARIABLE DEPTH
- ⑱ EXIST. LEVELING BINDER (MACHINE METHOD)
TY 2 - 1"
- ⑲ PROP. HOT-MIX ASPHALT SURFACE REMOVAL
(1/2" @ ϕ & VARIABLE DEPTH)
- ⑳ PROP. HOT-MIX ASPHALT SURFACE COURSE,
MIX D, N70, 1-1/2"
- ㉑ NOT USED
- ㉒ PROP. AGGREGATE SHOULDERS, TYPE-B
- ㉓ PROP. PAINT PAVEMENT MARKINGS - LINE 5"
- ㉔ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1-1/2"
- ㉕ PROP. HOT-MIX ASPHALT SHOULDER REMOVAL AND
REPLACEMENT, \pm 10"



EXISTING CONCRETE V-GUTTER LOCATION:
 224+78.78 LT TO 273+01.45 LT

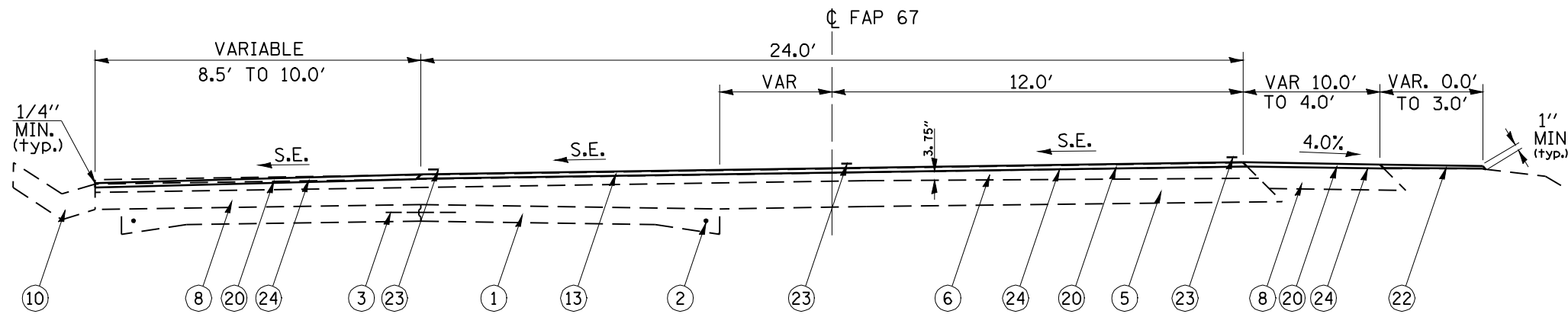
TYPICAL CROSS SECTION #10
224+39.51 TO 261+27.81

EXISTING CONCRETE V-GUTTER LOCATION:
 224+55.40 RT TO 264+49.69 RT

FILE NAME =	USER NAME = coxte	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.P. RTE. 67	SECTION 105(RS-6) 106(RS-4)	COUNTY CASS, SANG.	TOTAL SHEETS 88	SHEET NO. 11
ea\pwwork\pwwid\COXTE\vdma84394\0672089-shr-typico1.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO. 5 OF 7 SHEETS	STA.	TO STA.	CONTRACT NO. 72C49			
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
PLOT DATE = Dec-18-2009 04:47:57PM		DATE -	REVISED -									

LEGEND

- ① EXIST. P.C.C. PAVEMENT (9''-6''-9'')
- ② EXIST. 3/4'' DIA. BAR
- ③ EXIST. 1/2'' DIA. BAR
- ④ EXIST. P.C.C. WIDENING 8''
- ⑤ EXIST. BITUMINOUS WIDENING OR BASE COURSE 9''
- ⑥ EXIST. BITUMINOUS SURFACE
(SEE TYPICAL SECTIONS FOR THICKNESS)
- ⑦ EXIST. BITUMINOUS SHOULDERS, 6''
- ⑧ EXIST. BITUMINOUS SHOULDERS, 8''
- ⑨ EXIST. AGGREGATE SHOULDERS
- ⑩ EXIST. CONCRETE GUTTER
- ⑪ EXIST. LEVELING BINDER (MACHINE METHOD)
MIX. C, TYPE 2, 3/4''
- ⑫ EXIST. LEVELING BINDER (MACHINE METHOD)
MIX. B, TYPE 2, 1-3/4''
- ⑬ EXIST. BITUMINOUS CONCRETE SURFACE COURSE,
MIX. D, CLASS 1, TYPE 2, 1-1/2''
- ⑭ EXIST. SUB-BASE GRANULAR MATERIAL, TY A, 4''
- ⑮ EXIST. STABILIZED BASE COURSE, 8''
- ⑯ EXIST. BITUMINOUS CONCRETE SURFACE, 3''
- ⑰ EXIST. LEVELING BINDER (MACHINE METHOD)
TY 2 - VARIABLE DEPTH
- ⑱ EXIST. LEVELING BINDER (MACHINE METHOD)
TY 2 - 1''
- ⑲ PROP. HOT-MIX ASPHALT SURFACE REMOVAL
(1/2'' @ ϕ & VARIABLE DEPTH)
- ⑳ PROP. HOT-MIX ASPHALT SURFACE COURSE,
MIX D, N70, 1-1/2''
- ㉑ NOT USED
- ㉒ PROP. AGGREGATE SHOULDERS, TYPE-B
- ㉓ PROP. PAINT PAVEMENT MARKINGS - LINE 5''
- ㉔ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1-1/2''
- ㉕ PROP. HOT-MIX ASPHALT SHOULDER REMOVAL AND
REPLACEMENT, \pm 10''



TYPICAL CROSS SECTION #11

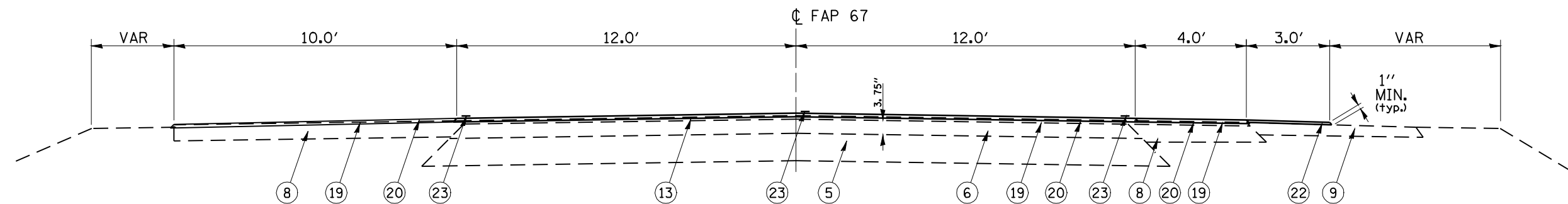
261+27.81 TO 272+58.90

STATION EQUATION:

272+58.90 (BACK) = 272+63.46 (AHEAD)

272+63.46 TO 273+01.45

NOTE:
EXISTING SUPERELEVATION RATES
ENCOUNTERED SHALL BE RETAINED.

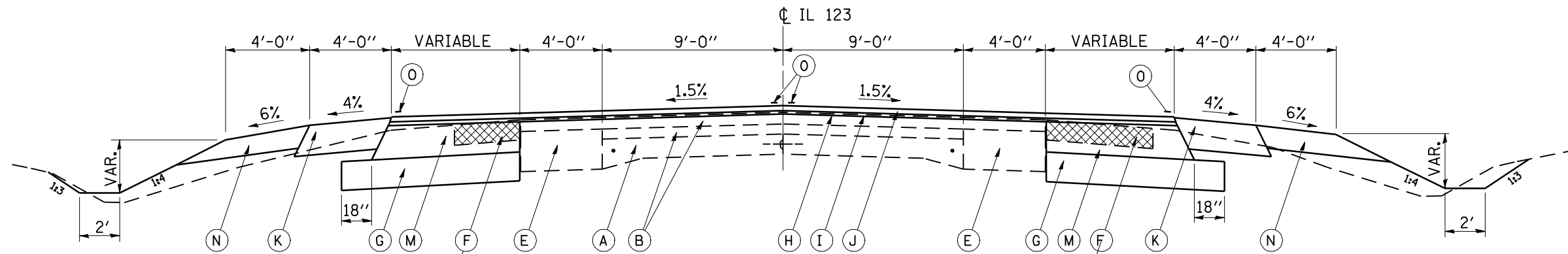


TYPICAL CROSS SECTION #12

273+01.45 TO 276+50.00

NOTE:
HOT-MIX ASPHALT SURFACE REMOVAL
MILLING TRASITION OF 1-1/2'' TO VARIABLE
DEPTH, STA. 273+30 TO 273+70 LT & RT

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.P. RTE. 67	SECTION 105(RS-6) 106(RS-4)	COUNTY CASS, SANG.	TOTAL SHEETS 88	SHEET NO. 12
ea:\pwork\pwork\LAUGHLINRL\dms84394\672C49-ah-t-typico1.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO. 6 OF 7 SHEETS	STA.	TO STA.	CONTRACT NO. 72C49		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT
		CHECKED -	REVISED -									
		DATE -	REVISED -									



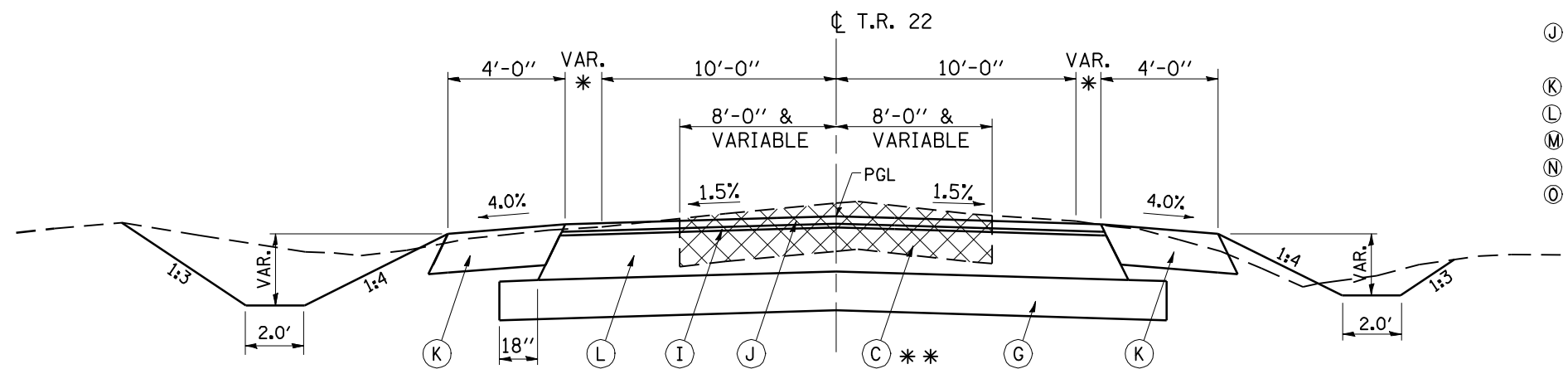
VARIABLE WIDTH BIT. CONC.
SHOULDER REMOVAL, SEE
PLAN SHEETS FOR LOCATION

TYPICAL CROSS SECTION #13
IL RTE. 123 (FAP 48)
246+79.30 TO 248+83.48

VARIABLE WIDTH BIT. CONC.
SHOULDER REMOVAL, SEE
PLAN SHEETS FOR LOCATION

LEGEND

- (A) EXISTING PCC PAVEMENT, 9'-6"-9" WITH LONGITUDINAL METAL JOINT & 2'-0" DEFORMED BARS @ 30" CTRS.
- (B) EXISTING BITUMINOUS CONCRETE SURFACE, TOTAL DEPTH = 6.5"
- (C) EXISTING AGGREGATE BASE WITH OIL AND CHIP SURFACE
- (D) EXISTING PCC BASE COURSE WIDENING, 9"
- (E) EXISTING BITUMINOUS BASE COURSE WIDENING, 9"
- (F) EXISTING BITUMINOUS SHOULDERS, 6"
- (G) PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A, 8"
- (H) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, (1/2" @ CL AND VARIABLE DEPTH)
- (I) PROPOSED LEVELING BINDER (MACHINE METHOD) HOT-MIX ASPHALT, N70, 1"
- (J) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, HOT-MIX ASPHALT, MIX "D", N70, 1 1/2"
- (K) PROPOSED HOT-MIX ASPHALT SHOULDERS, 8"
- (L) PROPOSED HOT-MIX ASPHALT BASE COURSE WIDENING, 9"
- (M) PROPOSED HOT-MIX ASPHALT BASE COURSE WIDENING, 12"
- (N) PROPOSED AGGREGATE SHOULDER, TYPE B, 6"
- (O) PROPOSED PAVEMENT MARKING - LINE 5"



TYPICAL CROSS SECTION #14
T.R. 22 (YANKEE TOWN RD.)
8+01.96 TO 9+81.39

- * - VARIABLE WIDTH AT INTERSECTION WITH IL 125, STARTING AT:
RT STA. 9+10.10
LT STA. 9+01.96
- ** - EXISTING PAVEMENT TO BE REMOVED AS "EARTH EXCAVATION"

FILE NAME =	USER NAME = coxte	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
er\pwwork\PIWIDOT\COXTE\dma84394\067209-sh-t-typico1.dgn		DRAWN -	REVISED -		67	105(RS-6) 106(RS-4)	CASS, SANG.	88	13			
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -		CONTRACT NO. 72C49							
PLOT DATE = Dec-18-2009 04:48:01PM		DATE -	REVISED -		SCALE:	SHEET NO. 7 OF 7 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

EARTHWORK SCHEDULE FOR IL 125, IL 123, T.R. 22										
LOCATION	CUT		TOTAL CUT	DISTANCE (X/100)	SUM OF END AREA (CUT) SQ. FT.	FILL		TOTAL FILL	DISTANCE (X/100)	SUM OF END AREA (FILL) SQ. FT.
	LEFT	RIGHT				LEFT	RIGHT			
IL RTE. 125										
152+25	0.0	0.0	0			0.0	0.0	0.0		
				0.25	0.9				0.25	0.5
152+50	1.9	1.6	3.5			1.3	0.8	2.1		
				0.5	3.1				0.5	2.8
153+00	1.4	1.3	2.7			1.9	1.6	3.5		
				0.5	2.9				0.5	3.0
153+50	1.7	1.3	3			1.2	1.2	2.4		
				0.5	4.1				0.5	2.4
154+00	1.8	3.3	5.1			0.7	1.7	2.4		
				0.5	7.5				0.5	2.9
154+50	4.6	5.2	9.8			1.8	1.6	3.4		
				0.5	10.4				0.5	3.6
155+00	5.4	5.5	10.9			2.1	1.6	3.7		
				0.5	13.3				0.5	4.1
155+50	6.2	9.4	15.6			2.6	1.8	4.4		
				0.5	16.9				0.5	4.6
156+00	6.7	11.4	18.1			3.2	1.6	4.8		
				0.5	18.4				0.5	5.1
156+50	7.1	11.5	18.6			3.7	1.7	5.4		
				0.5	18.0				0.5	6.1
157+00	7.4	10.0	17.4			4.3	2.5	6.8		
				0.5	16.9				0.5	8.1
157+50	7.8	8.5	16.3			5.0	4.3	9.3		
				0.5	16.5				0.5	10.7
158+00	8.3	8.4	16.7			5.8	6.3	12.1		
				0.5	16.8				0.5	13.7
158+50	8.6	8.3	16.9			7.2	8.1	15.3		
				0.5	17.6				0.5	16.0
159+00	10.0	8.3	18.31			7.3	9.3	16.6		
				0.5	19.0				0.5	17.0
159+50	11.4	8.3	19.7			6.8	10.6	17.4		
				0.5	21.4				0.5	17.5
160+00	13.9	9.1	23			8.4	9.1	17.5		
				0.5	27.8				0.5	17.7
160+50	20.4	12.1	32.5			10.5	7.4	17.9		
				0.5	41.8				0.5	12.7
161+00	39.1	11.9	51			1.0	6.5	7.5		
IL 125 / IL 123 INTERSECTION										
162+50	22.6	19.0	41.6			6.7	7.3	14		
				0.5	28.6				0.5	15.1
163+00	1.8	13.8	15.6			5.8	10.3	16.1		
				0.5	21.3				0.5	16.4
163+50	13.6	13.4	27			5.7	11.0	16.7		
				0.5	26.8				0.5	16.6
164+00	13.1	13.5	26.6			6.5	10.0	16.5		
				0.5	25.8				0.5	17.0
164+50	11.4	13.6	25			8.3	9.2	17.5		
				0.5	23.8				0.5	17.6
165+00	11.0	11.6	22.6			8.5	9.2	17.7		
				0.5	21.2				0.5	17.6
165+50	10.6	9.1	19.7			7.7	9.7	17.4		
				0.5	17.3				0.5	17.9
166+00	7.9	6.9	14.8			8.7	9.7	18.4		
				0.5	12.5				0.5	19.0
166+50	5.3	4.8	10.1			10.2	9.4	19.6		
				0.5	9.5				0.5	17.6
167+00	4.5	4.3	8.8			7.6	7.9	15.5		
				0.5	7.3				0.5	12.7
167+50	3.7	2.1	5.8			4.8	5.0	9.8		
				0.5	4.7				0.5	8.3
168+00	1.2	2.3	3.5			2.7	4.1	6.8		
				0.5	3.5				0.5	6.3
168+50	1.2	2.2	3.4			2.5	3.3	5.8		
				0.5	4.0				0.5	4.5
169+00	1.4	3.2	4.6			1.1	2.1	3.2		
				0.25	1.2				0.25	0.8
169+25	0.0	0.0	0			0.0	0.0	0		
SUB-TOTALS =					479.9	SUB-TOTALS =				335.4

EARTHWORK SCHEDULE FOR IL 125, IL 123, T.R. 22 (CONTINUED)										
LOCATION	CUT		TOTAL CUT	DISTANCE (X/100)	SUM OF END AREA (CUT) SQ. FT.	FILL		TOTAL FILL	DISTANCE (X/100)	SUM OF END AREA (FILL) SQ. FT.
	LEFT	RIGHT				LEFT	RIGHT			
IL RTE. 123										
246+50	0.0	0.0	0.0			0.0	0.0	0.0		
				0.5	4.2				0.5	0.3
247+00	3.6	4.7	8.3			0.6	0.0	0.6		
				0.5	8.0				0.5	1.5
247+50	5.4	2.2	7.6			1.9	0.4	2.3		
				0.5	22.1				0.5	11.5
248+00	18.9	17.6	36.5			7.2	13.4	20.6		
SUB-TOTALS =					34.2	SUB-TOTALS =				13.2
T.R. 22 (YANKEETOWN RD.)										
7+40	0.0	0.0	0.0			0.0	0.0	0.0		
				0.1	0.1				0.1	0.0
7+50	1.1	0.0	1.1			0.0	0.0	0.0		
				0.5	5.3				0.5	0.0
8+00	9.1	0.3	9.4			0.0	0.0	0.0		
				0.02	0.9				0.02	0.0
8+01.96	24.1	14.3	38.4			0.0	0.0	0.0		
				0.5	30.8				0.5	0.2
8+50	29.3	22.8	52.1			0.0	0.4	0.4		
				0.5	71.7				0.5	0.2
9+00	42.0	49.3	91.3			0.0	0.0	0.0		
SUB-TOTALS =					108.7	SUB-TOTALS =				0.4
TOTALS =					622.8 SQ FT	TOTALS =				349.0 SQ FT
					1,163.3 CU YD					646.3 SQ YD

EARTHWORK SCHEDULE (AROUND INTERSECTION RADII)										
LOCATION (STATION)	CUT		TOTAL CUT	DISTANCE (X/100)	SUM OF END AREA (CUT) SQ. FT.	FILL		TOTAL FILL	DISTANCE (X/100)	SUM OF END AREA (FILL) SQ. FT.
	LEFT	RIGHT				LEFT	RIGHT			
IL RTE. 125/IL RTE. 123 INTERSECTION										
NORTHEAST QUADRANT										
248+00 (IL RTE. 123)	18.9		18.9					7.2		7.2
				1.26	52.3				1.26	17.5
162+50 (IL RTE. 125)	22.6		22.6					6.7		6.7
SOUTHEAST QUADRANT										
162+50 (IL RTE. 125)		19.0	19.0					7.3		7.3
				1.01	43.9				1.01	7.4
9+00 (YANKEE TOWN ROAD)		24.5	24.5					0.0	0.0	0.0
NORTHWEST QUADRANT										
161+00 (IL RTE. 125)	39.1		39.1					1.0		1.0
				0.42	23.8				0.42	6.0
248+00 (IL RTE. 123)		17.6	17.6					13.4		13.4
SOUTHWEST QUADRANT										
161+00 (IL RTE. 125)		11.9	11.9					6.5		6.5
				1.28	40.6				1.28	8.3
9+00 (YANKEE TOWN ROAD)	19.8		19.8					0.0	0.0	0.0
TOTALS =					160.6 SQ FT	TOTALS =				39.3 SQ FT
					297.4 CU YD					72.8 CU YD

EARTHWORK OVERALL TOTALS:	
CUT TOTALS =	1,460.7 CU YDS
FILL TOTALS =	719.1 CU YDS X 1.2 SHRINKAGE = 862.9 CU YDS
PAY ITEM:	EARTH EXCAVATION - 1,461 CU YDS

NOTES:
A 20% SHRINKAGE FACTOR IS USED FOR FILL MATERIAL:
(719.1 CU YDS) X (1.20) = 862.9 CU YDS
862.9 CU YDS IS NEEDED FOR COMPACTION
PROPOSED PAVEMENT REMOVAL FOR YANKEE TOWN ROAD SHALL BE PAID FOR AS EARTH EXCAVATION. THE PAVEMENT MATERIAL (OIL/CHIP) SHALL NOT BE USED FOR PROPOSED FILL MATERIAL BUT SHALL BE HAULED OFF BY THE CONTRACTOR.

HOT-MIX ASPHALT REMOVAL FOR IL 123 & IL 125								
LOCATION IL 125			RDWY. WIDTH	LENGTH OF RUN	AREA	HMA SURF REMOVAL (VARIABLE DEPTH)	HMA SURF REMOVAL (1.5" DEPTH)	HMA SURF REMOVAL (BUTT-JOINT)
STATION TO	STATION	(FOOT)	(FOOT)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)
CASS COUNTY, IL RTE 125								
1078+70.00	-	1080+00.00	24	30				80
1080+00.00	-	1100+00.00	24	2,100	5,600	5,600		
18+36.74	-	24+57.24	24	621	1,656	1,656		
SUB TOTALS =				2,751	7,256	7,256		80
SANGAMON COUNTY, IL RTE 125								
24+57.24	-	152+50.00	24	12,793	34,115	34,115		
152+50.00	-	169+21.11	24	1,671	4,456	4,456		
169+21.11	-	223+50.00	24	5,433	14,488	14,488		
223+50.00	-	273+70.00	24	5,020	13,387		13,387	
273+70.00	-	276+20.00	24	250	667	667		
276+20.00	-	276+50.00	24	30				80
SUB TOTALS =				25,197	67,112	53,726	13,387	80
SANGAMON COUNTY, IL RTE 123								
AREA COMPUTED BY CADD			VARIABLES	196	860	860		58
SUB TOTALS =				196	860	860	0	58
GRAND TOTALS =					75,228 SQ YD	61,842 SQ YD	13,387 SQ YD	218 SQ YD

HOT-MIX ASPHALT SURFACE REMOVAL, 1.5" (SHOULDERS IN PLEASANT PLAINS)						
LOCATION (SANGAMON COUNTY)		LENGTH (FOOT)	WIDTH AVERAGE (FOOT)	HMA SURF REMOVAL, 1.5" DEPTH (SQ YD)		
LEFT SHOULDER						
213+84.91	-	222+52.93	868.02	4.0		386
222+52.93	-	225+00.00	247.07	8.8		242
225+00.00	-	230+00.00	500.00	9.6		528
230+00.00	-	235+00.00	500.00	9.6		533
235+00.00	-	240+00.00	500.00	9.2		513
240+00.00	-	245+00.00	500.00	9.3		515
245+00.00	-	250+00.00	500.00	9.7		537
250+00.00	-	255+00.00	500.00	9.7		541
255+00.00	-	260+00.00	500.00	9.6		536
260+00.00	-	265+00.00	500.00	9.6		535
265+00.00	-	270+00.00	500.00	9.3		518
270+00.00	-	275+00.00	500.00	9.3		518
275+00.00	-	276+50.00	150.00	9.3		155
SUB TOTALS =		6,265.09				6,057
RIGHT SHOULDER						
213+84.91	-	223+90.00	1,005.09	4.0		447
223+90.00	-	225+00.00	110.00	10.2		125
225+00.00	-	230+00.00	500.00	9.9		550
230+00.00	-	235+00.00	500.00	9.8		545
235+00.00	-	240+00.00	500.00	9.5		528
240+00.00	-	245+00.00	500.00	9.5		528
245+00.00	-	250+00.00	500.00	9.9		550
250+00.00	-	255+00.00	500.00	9.9		550
255+00.00	-	260+00.00	500.00	9.7		539
260+00.00	-	265+00.00	500.00	10.3		573
265+00.00	-	269+67.12	467.12	9.4		523
269+67.12	-	275+00.00	392.88	4.0		174
275+00.00	-	276+50.00	150.00	4.0		67
SUB TOTALS =		6,125.09				5,700
GRAND TOTAL = 11,757 SQ YD						

HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (IL 125 RURAL SHOULDERS)					
LOCATION		LENGTH (FOOT)	SHLDR WIDTH (FOOT)	HMA SURF REMOVAL VARIABLE DEPTH (SQ YD)	
CASS COUNTY					
LEFT SHOULDER					
1078+70	-	1082+10	340	10	378
1083+00	-	1087+00	400	10	445
1087+75	-	1096+50	875	10	972
1096+50	-	1099+98.54	348.54	AREA BY CADD	242
STA. EQUATION: 1099+98.54 (BK) = 18+36.74 (AHD)					
18+36.74	-	24+30	593.26	1.5	99
SUB TOTALS =					2,136
RIGHT SHOULDER					
1078+70	-	1081+85	315	10	350
1082+50	-	1086+65	415	10	461
1088+00	-	1096+88	888	10	987
1096+88	-	1099+98.54	310.54	AREA BY CADD	213
STA. EQUATION: 1099+98.54 (BK) = 18+36.74 (AHD)					
18+36.74	-	24+27	590.26	1.5	99
SUB TOTALS =					2,110
SANGAMON COUNTY					
LEFT SHOULDER					
24+70	-	79+00	5,430	1.5	905
79+62	-	106+41	2,679	1.5	447
107+00	-	152+50	4,550	1.5	758
169+21	-	184+21	1,500	1.5	250
STA. EQ. 184+21.41 (BK) = 184+17.48 (AHD)					
184+17	-	213+85	2,968	1.5	495
213+85	-	221+90	805	4.0	134
SUB TOTALS =					2,989
RIGHT SHOULDER					
24+86	-	79+29	5,443	1.5	907
79+74	-	106+60	2,686	1.5	448
107+20	-	152+50	4,530	1.5	755
169+21	-	184+21	1,500	1.5	250
STA. EQ. 184+21.41 (BK) = 184+17.48 (AHD)					
184+17	-	213+85	2,968	1.5	495
213+85	-	221+80	795	4.0	133
SUB TOTALS =					2,988
GRAND TOTAL = 10,223 SQ YD					

FILE NAME =	USER NAME = laughlinr1	DESIGNED - RTS	REVISED -
er:\pwork\PIWIDOT\LAUGHLINRL\dms84394\hnt-schedule.dgn		DRAWN - RTS	REVISED -
PLOT SCALE = 100.0000' / IN.		CHECKED - RTS	REVISED -
PLOT DATE = Jan-05-2010 09:29:42AM		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES			
SCALE:	SHEET NO. 2 OF 6 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	105(RS-6), 106(RS-4)	SANG./CASS	88	15
CONTRACT NO. 72C49				
ILLINOIS FED. AID PROJECT				

HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1.5" (SHOULDER TREATMENT IN CASS COUNTY)								
LOCATION (CASS COUNTY)			LENGTH (FOOT)	WIDTH AVERAGE (FOOT)	AREA (SQ YD)	1.5" HMA SURF. CRSE. (TON)	AGG PRIME COAT (TON)	BIT MATERIALS PRIME COAT (TON)
LEFT SHOULDER								
1078+70	-	1082+10	340	10	378	32	0.76	0.14
1083+00	-	1087+00	400	10	445	37	0.89	0.17
1087+75	-	1096+50	875	10	972	82	1.94	0.37
1096+50	-	1099+98.54	348.54	AREA BY CADD	242	21	0.48	0.09
STA. EQUATION: 1099+98.54 (BK) = 18+36.74 (AHD)								
18+36.74	-	24+30	593.26	1.5	99	9	0.20	0.04
SUB TOTALS =						178	4.27	0.81
RIGHT SHOULDER								
1078+70	-	1081+85	315	10	350	30	0.70	0.13
1082+50	-	1086+65	415	10	461	39	0.92	0.17
1088+00	-	1096+88	888	10	987	83	1.97	0.38
1096+88	-	1099+98.54	310.54	AREA BY CADD	213	18	0.43	0.08
STA. EQUATION: 1099+98.54 (BK) = 18+36.74 (AHD)								
18+36.74	-	24+27	590.26	1.5	99	9	0.20	0.04
SUB TOTALS =						176	4.22	0.80
GRAND TOTALS =						360 TONS	8.49 TONS	1.61 TONS

HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1.5" (SHOULDER TREATMENT IN PLEASANT PLAINS)								
LOCATION (SANGAMON COUNTY)			LENGTH (FOOT)	WIDTH AVERAGE (FOOT)	AREA (SQ YD)	1.5" HMA SURF. CRSE. (TON)	AGG PRIME COAT (TON)	BIT MATERIALS PRIME COAT (TON)
LEFT SHOULDER								
213+84.91	-	222+52.93	868.02	4.0	386	32.4	0.8	0.15
222+52.93	-	225+00.00	247.07	8.8	242	20.3	0.5	0.09
225+00.00	-	230+00.00	500.00	9.6	528	44.4	1.1	0.20
230+00.00	-	235+00.00	500.00	9.6	533	44.8	1.1	0.20
235+00.00	-	240+00.00	500.00	9.2	513	43.1	1.0	0.19
240+00.00	-	245+00.00	500.00	9.3	515	43.3	1.0	0.19
245+00.00	-	250+00.00	500.00	9.7	537	45.1	1.1	0.20
250+00.00	-	255+00.00	500.00	9.7	541	45.4	1.1	0.21
255+00.00	-	260+00.00	500.00	9.6	536	45.0	1.1	0.20
260+00.00	-	265+00.00	500.00	9.6	535	44.9	1.1	0.20
265+00.00	-	270+00.00	500.00	9.3	518	43.5	1.0	0.20
270+00.00	-	275+00.00	500.00	9.3	518	43.5	1.0	0.20
275+00.00	-	276+50.00	150.00	9.3	155	13.0	0.3	0.06
SUB TOTALS =			6,265.09		6,057	508.8	12.2	2.30
RIGHT SHOULDER								
213+84.91	-	223+90.00	1,005.09	4.0	447	37.5	0.9	0.17
223+90.00	-	225+00.00	110.00	10.2	125	10.5	0.3	0.05
225+00.00	-	230+00.00	500.00	9.9	550	46.2	1.1	0.21
230+00.00	-	235+00.00	500.00	9.8	545	45.8	1.1	0.21
235+00.00	-	240+00.00	500.00	9.5	528	44.4	1.1	0.20
240+00.00	-	245+00.00	500.00	9.5	528	44.4	1.1	0.20
245+00.00	-	250+00.00	500.00	9.9	550	46.2	1.1	0.21
250+00.00	-	255+00.00	500.00	9.9	550	46.2	1.1	0.21
255+00.00	-	260+00.00	500.00	9.7	539	45.3	1.1	0.20
260+00.00	-	265+00.00	500.00	10.3	573	48.1	1.2	0.22
265+00.00	-	269+67.12	467.12	9.4	523	43.9	1.0	0.20
269+67.12	-	275+00.00	532.88	4.0	237	19.9	0.5	0.09
275+00.00	-	276+50.00	150.00	4.0	67	5.6	0.1	0.02
SUB TOTALS =			6,265.09		5,762	484.0	11.7	2.19
GRAND TOTALS =						993 TONS	23.9 TONS	4.49 TONS

HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1.5" FOR MAINLINE							
LOCATION IL 125		PAVEMENT SECTION WIDTH	AREA	HMA SURFACE COURSE, MIX "D", N70 (1.5" DEPTH)	AGGREGATE (PRIME COAT)	BITUMINOUS MATERIALS (PRIME COAT)	
STATION TO	STATION	(FOOT)	(SQ YD)	(TON)	(TON)	(TON)	
CASS COUNTY							
1078+70.00	-	1100+00.00	24	5,680	477	11.4	2.16
18+36.74	-	24+57.24	24	1,655	139	3.3	0.63
SUB-TOTALS				7,335	616	14.7	2.79
SANGAMON COUNTY							
24+57.24	-	152+50.00	24	34,114	2,866	68.3	13.00
24+57.24 W.B.	-	152+50.00 W.B.	1.5	2,132	179.1	4.3	0.8
24+57.24 E.B.	-	152+50.00 E.B.	1.5	2,132	179.1	4.3	0.8
152+50.00 W.B.	-	154+40.00 W.B.	13.0	190	16.0	0.4	0.07
154+40.00 W.B.	-	158+90.00 W.B.	13.0 TO 18.0	775	65.2	1.6	0.29
158+90.00 W.B.	-	165+21.35 W.B.	18.0	1,263	103.8	2.5	0.48
165+21.35 W.B.	-	167+71.11 W.B.	18.0 TO 13.0	430	36.1	0.9	0.16
167+71.11 W.B.	-	169+21.11 W.B.	13.0	217	18.2	0.4	0.08
152+50.00 E.B.	-	154+00.00 E.B.	13.0	217	18.2	0.4	0.08
154+00.00 E.B.	-	156+50.00 E.B.	13.0 TO 18.0	431	36.2	0.9	0.16
156+50.00 E.B.	-	163+13.00 E.B.	18.0	1,324	111.2	2.6	0.50
163+13.00 E.B.	-	167+41.11 E.B.	18.0 TO 13.0	737	61.9	1.5	0.28
167+41.11 E.B.	-	169+21.11 E.B.	13.0	260	21.8	0.5	0.10
169+21.11	-	213+85.13	27.0	13,392	1,124.9	26.8	5.09
213+85.13	-	223+90.00	24.0	2,680	225.1	5.4	1.02
223+90.00	-	272+58.90	24.0	12,984	1,090.7	26.0	4.93
272+58.90	-	273+30.00	24.0	178	15.0	0.4	0.07
273+30.00	-	276+50.00	24.0	853	71.7	1.7	0.32
SUB-TOTALS				74,309	6,241.9	148.8	28.22
IL RTE. 123							
AREA COMPUTED BY CADD		VARIABLES	1,347	113.2	2.7	0.51	
T.R. 22 (YANKEE TOWN RD.)							
AREA COMPUTED BY CADD		VARIABLES	628	52.8	1.3	0.24	
GRAND TOTALS =			83,619 SQ YD	7,024 TONS	167 TONS	32 TONS	

LEVELING BINDER (MACHINE METHOD), N70					
LOCATION (SANGAMON COUNTY)		RDWY. WIDTH	LENGTH OF RUN	AREA	LEVELING BINDER (MACHINE METHOD), N70 (1.0" DEPTH)
STATION TO	STATION	(FOOT)	(FOOT)	(SQ YD)	(TON)
IL RTE. 125					
152+50.00	-	169+21.11	VARIES	1,671	5,845
					328
IL RTE. 123					
246+64.30	-	248+90.11	VARIES	AREA BY CADD	1,347
					75
T.R. 22					
8+01.96	-	9+81.39	VARIES	AREA BY CADD	628
					36
GRAND TOTALS = 439 TONS					

HMA SHOULDER REMOVAL AND REPLACEMENT (SPECIAL)				
LOCATION		LENGTH (LT. & RT. SIDES) (FOOT)	* HMA SHOULDER REM & REPL, SPECIAL (AT 15% OF LENGTH) SHLDR. WIDTH = 1.5' (SQ YD)	* HMA SHOULDER REM & REPL, SPECIAL SHLDR. WIDTH = 1.5' (SQ YD)
STATION TO	STATION	(FOOT)	(SQ YD)	(SQ YD)
CASS COUNTY, IL RTE 125				
18+36.74	-	24+57.24	1,241	0
SUB-TOTALS			1241	207
SANGAMON COUNTY, IL RTE 125				
24+57.24	-	61+99.50	7,485	0
61+99.50	-	152+50.00	18,101	453
169+21.11	-	184+21.41	3,001	75
184+17.48	-	213+84.91	5,935	149
SUB-TOTALS			34,522	677
TOTALS =			35,763	1,454

GRAND TOTAL = 2,131 SQ YD

* RESIDENT ENGINEER MAY USE THESE QUANTITIES AS NEEDED.

SUB-BASE GRANULAR MATERIAL, TYPE A, 8"		
LOCATION	WIDTH (FOOT)	AREA (BY CADD) (SQ YD)
SANGAMON COUNTY (IL 125 / IL 123 INTERSECTION)		
154+40.00 TO 158+90.00 LEFT	2.5' TO 7.5'	250
158+90.00 TO 160+74.51 LEFT	7.5'	154
162+24.05 TO 165+21.35 LEFT	7.5'	248
165+21.35 TO 167+71.11 LEFT	7.5' TO 2.5'	139
154+00.00 TO 156+50.00 RIGHT	2.5' TO 7.5'	139
156+50.00 TO 161+20.11 RIGHT	7.5'	392
161+20.11 TO 162+88.53 RIGHT	6'	112
162+88.53 TO 163+41.11 RIGHT	7.5'	44
163+41.11 TO 167+41.11 RIGHT	7.5' TO 2.5'	223
NORTHWEST QUADRANT	VARIABLE	303
NORTHEAST QUADRANT	VARIABLE	219
PAVEMENT AROUND PROPOSED CONCRETE ISLAND	VARIABLE	19
T. R. 22 (YANKEE TOWN RD.)	VARIABLE	704
GRAND TOTAL =		2,946 SQ YD

HOT-MIX ASPHALT SHOULDERS, 8"	
LOCATION	AREA (BY CADD) (SQ YD)
SANGAMON COUNTY (IL 125 / IL 123 INTERSECTION)	
152+50.00 TO 159+49.71 LEFT	311
NORTHWEST QUADRANT RADIUS	148
NORTHEAST QUADRANT RADIUS	114
162+75.61 TO 169+21.11 LEFT	284
152+50.00 TO 161+09.21 RIGHT	382
SOUTHWEST QUADRANT RADIUS	91
SOUTHEAST QUADRANT RADIUS	111
163+13.00 TO 169+21.11 RIGHT	270
GRAND TOTAL =	
1,711 SQ YD	

INCIDENTAL HOT-MIX ASPHALT SURFACING, 1.5"			
LOCATION	APPRON WIDTH (FOOT)	AREA (BY CADD) (SQ YD)	QUANTITY (TON)
CASS COUNTY			
1082+27 LT., (BUCHANAN ST.)	10	91	7.64
1082+27 RT., (BUCHANAN ST.)	10	69	5.80
1087+40 LT., (YORK ST.)	10	76	6.38
1087+40 RT., (YORK ST.)	10	156	13.10
SANGAMON COUNTY			
24+57 LT., (ASHLAND ST.)	10	39	3.28
24+57 RT., (ASHLAND ST.)	10	58	4.87
52+13 RT., P. E.	4	16	1.34
79+45 LT., (GLICK RD.)	10	55	4.62
79+45 RT., (GLICK RD.)	10	41	3.44
106+81 LT., (ROBINSON RD.)	10	50	4.20
106+81 RT., (ROBINSON RD.)	10	45	3.78
222+19 LT., (ALTMANS RD.)	10	71	5.96
222+19 RT., P. E.	4	26	2.18
271+60 RT., MAILBOX TURNOUT / P. E.	VARIABLE	105	8.82
273+06 RT., P. E.	4	19	1.60
TOTALS =			77.03

GRAND TOTAL = 77 TONS

BITUMINOUS CONCRETE SHOULDER REMOVAL		
LOCATION (SANGAMON COUNTY)	REMOVAL LENGTH (FOOT)	QUANTITY (SHLDR. WIDTH = 1.5') (SQ YD)
IL 125 / IL 123 INTERSECT.		
LEFT		
152+50.00 TO 160+17	767	128
162+58 TO 169+21.11	663	111
RIGHT		
152+50.00 TO 169+21.11	1,671	279
GRAND TOTAL =		518 SQ YD

HOT-MIX ASPHALT BASE COURSE WIDENING, 12"		
LOCATION	WIDTH (FOOT)	AREA (BY CADD) (SQ YD)
SANGAMON COUNTY (IL 125 / IL 123 INTERSECTION)		
154+40.00 TO 158+90.00 LEFT	1' TO 6'	175
158+90.00 TO 160+74.51 LEFT	6'	124
162+24.04 TO 165+21.35 LEFT	6'	199
165+21.35 TO 167+71.11 LEFT	6' TO 1'	97
154+00.00 TO 156+50.00 RIGHT	1' TO 6'	97
156+50.00 TO 163+41.11 RIGHT	6'	461
163+41.11 TO 167+41.11 RIGHT	6' TO 1'	156
PAVEMENT AROUND PROPOSED CONCRETE ISLAND	VARIABLE	19
NORTHWEST QUADRANT RADIUS	VARIABLE	271
NORTHEAST QUADRANT RADIUS	VARIABLE	186
GRAND TOTAL =		1,785 SQ YD

HOT-MIX ASPHALT BASE COURSE WIDENING, 9"	
LOCATION	AREA (BY CADD) (SQ YD)
SANGAMON COUNTY (IL 125 / IL 123 INTERSECTION)	
T. R. 22 (YANKEE TOWN RD.)	627
GRAND TOTAL =	
627 SQ YD	

AGGREGATE SHOULDERS, TYPE B 6"			
LOCATION	SHOULDER WIDTH (FOOT)	LENGTH OF RUN (FOOT)	QUANTITY (SQ YD)
LEFT SIDE OF IL RTE 125			
152+50.00 TO 159+49.71	4	700	311
IL 125 / IL 123 INTERSECTION			
NORTHWEST QUADRANT RADIUS	4	330	147
NORTHEAST QUADRANT RADIUS	4	280	124
162+75.61 TO 169+21.11	4	646	287
RIGHT SIDE OF IL RTE 125			
152+50.00 TO 161+09.21	4	859	382
IL 125 / IL 123 INTERSECTION			
SOUTHWEST QUADRANT RADIUS	4	185	82
SOUTHEAST QUADRANT RADIUS	4	251	112
GRAND TOTAL =		3,251	1,445 SQ YD

RIGHT OF WAY MARKERS		QUANTITY (EACH)
LOCATION		
SANGAMON COUNTY (IL 125 / IL 123 INTERSECTION)		
NORTHWEST QUADRANT		1
IL 125, STA. 160+00.00,	40.00' LEFT	1
IL 125, STA. 160+89.11,	136.73' LEFT	
NORTHEAST QUADRANT		1
IL 123, STA. 247+50.00,	40.00' LEFT	1
IL 125, STA. 163+00.00,	40.00' LEFT	
SOUTHWEST QUADRANT		1
IL 125, STA. 160+50.00,	40.00' RIGHT	1
T.R. 22, STA. 9+00.00,	40.00' LEFT	1
T.R. 22, STA. 7+00.00,	20.00' LEFT	
SOUTHEAST QUADRANT		1
T.R. 22, STA. 7+00.00,	20.00' RIGHT	1
T.R. 22, STA. 9+00.00,	40.00' RIGHT	1
IL 125, STA. 163+00.00,	40.00' RIGHT	
GRAND TOTAL =		10 EACH

PAINT PAVEMENT MARKING - LINE 5"			
LOCATION		QUANTITY (FOOT)	MARKING TYPE (PAINT)
CASS COUNTY			
STATION	TO STATION		
1079+00.00	1082+00.00	300	LEFT EDGE LINE, WHITE
1083+00.00	1087+00.00	400	LEFT EDGE LINE, WHITE
1087+81.00	1099+98.54	1218	LEFT EDGE LINE, WHITE
1079+00.00	1081+78.00	278	RIGHT EDGE LINE, WHITE
1082+56.00	1086+55.00	399	RIGHT EDGE LINE, WHITE
1088+32.00	1099+98.54	1167	RIGHT EDGE LINE, WHITE
STATION EQUATION: 1099+98.54 (BK) = 18+36.74 (AHEAD)			
18+36.74	24+26.00	589	LEFT EDGE LINE, WHITE
18+36.74	24+22.00	585	RIGHT EDGE LINE, WHITE
1079+00.00	1099+98.64	525	30' SKIP - 10' DASH CENTERLINE, YELLOW
18+36.74	24+57.24	155	30' SKIP - 10' DASH CENTERLINE, YELLOW
SUB TOTAL =		5616	
CASS / SANGAMON COUNTY LINE = STA. 24+57.24			
SANGAMON COUNTY			
24+72.00	79+00.00	5428	LEFT EDGE LINE, WHITE
79+63.00	106+42.00	2679	LEFT EDGE LINE, WHITE
107+00.00	152+50.00	4550	LEFT EDGE LINE, WHITE
169+21.00	221+84.00	5263	LEFT EDGE LINE, WHITE
222+63.00	276+50.00	5387	LEFT EDGE LINE, WHITE
24+87.00	79+29.00	5442	RIGHT EDGE LINE, WHITE
79+75.00	106+60.00	2685	RIGHT EDGE LINE, WHITE
107+22.00	152+50.00	4528	RIGHT EDGE LINE, WHITE
169+21.00	221+78.00	5257	RIGHT EDGE LINE, WHITE
222+45.00	276+50.00	5405	RIGHT EDGE LINE, WHITE
24+57.24	152+50.00	3198	30' SKIP - 10' DASH CENTERLINE, YELLOW
169+21.00	276+50.00	2682	30' SKIP - 10' DASH CENTERLINE, YELLOW
SUB TOTAL =		52504	
GRAND TOTAL =		56,370 FEET *	

* - APPROXIMATELY 1,750' FOR EDGE LINES HAVE BEEN OMITTED FOR SIDEROAD BREAKS IN PLEASANT PLAINS.
(CASS COUNTY: 480' S.R. OMISSION, SANGAMON COUNTY: 1,270' S.R. OMISSION)

AGGREGATE SHOULDERS, TYPE B					
LOCATION	SHOULDER WIDTH (FOOT)	LENGTH OF RUN (FOOT)	AREA (SQ YD)	VOLUME (CU YD)	QUANTITY (TON)
LEFT SIDE OF IL RTE 125					
CASS COUNTY					
1096+50.00 TO 1099+98.54	0' TO 3'	349	58	3.23	6.62
STA. EQ. 1099+98.54 (BK) = 18+36.74 (AHD)					
18+36.74 TO 24+28.00	3	591	197	10.94	22.43
SANGAMON COUNTY					
24+70.00 TO 79+00.00	3	5430	1810	100.55	206.13
79+62.00 TO 106+41.00	3	2679	893	49.61	101.70
107+00.00 TO 152+50.00	3	4550	1517	84.26	172.73
169+21.11 TO 184+21.41	3	1500	500	27.78	56.95
STA. EQ. 184+21.41 (BK) = 184+17.48 (AHD)					
184+17.48 TO 213+85.00	3	2968	989	54.96	112.67
RIGHT SIDE OF IL RTE 125					
CASS COUNTY					
1096+88.50 TO 1099+98.54	0' - 3'	349	58	3.23	6.62
STA. EQ. 1099+98.54 (BK) = 18+36.74 (AHD)					
18+36.74 TO 24+25.00	3	588	196	10.89	22.32
SANGAMON COUNTY					
24+86.00 TO 79+29.00	3	5443	1814	100.79	206.62
79+74.00 TO 106+60.00	3	2686	895	49.74	101.97
107+20.00 TO 152+50.00	3	4530	1510	83.89	171.97
169+21.11 TO 184+21.41	3	1500	500	27.78	56.95
STA. EQ. 184+21.41 (BK) = 184+17.48 (AHD)					
184+17.48 TO 213+85.00	3	2968	989	54.96	112.67
TOTALS =		36131	11926	662.61	1358.35
GRAND TOTAL =		1,359 TONS			

NOTE: AN AVERAGE DEPTH OF 2" WAS USED TO CALCULATE THE PROPOSED AGGREGATE SHOULDERS, TYPE B.

THERMOPLASTIC PAVEMENT MARKING - LINE 5"		
LOCATION	QUANTITY (FOOT)	MARKING TYPE (THERMOPLASTIC)
SANGAMON COUNTY (IL 125 / IL 123 INTERSECTION)		
152+50.00 LEFT (IL 125) TO 246+64.30 RIGHT (IL 123)	1041	SOLID EDGE LINE
246+64.30 LEFT (IL 123) TO 169+21.00 LEFT (IL 125)	931	SOLID EDGE LINE
152+50.00 RIGHT (IL 125) TO 8+01.96 LEFT (YANKEE TOWN RD.)	975	SOLID EDGE LINE
8+01.96 RIGHT (YANKEE TOWN RD.) TO 169+21.00 RIGHT (IL 125)	871	SOLID EDGE LINE
152+50.00 TO 153+50.00	200	SOLID DOUBLE CENTER LINE
153+50.00 TO 158+90.00	2160	SOLID DOUBLE MEDIAN EDGE LINES
158+90.00 TO 161+30.00	480	SOLID DOUBLE CENTER LINE
162+26.11 TO 163+41.11	230	SOLID DOUBLE CENTER LINE
163+41.11 TO 168+21.11	1920	SOLID DOUBLE MEDIAN EDGE LINES
168+21.11 TO 169+21.00	200	SOLID DOUBLE CENTER LINE
GRAND TOTAL =		9,008 FEET

PERFORMED PLASTIC PAVEMENT MARKING TYPE B (INLAID) - LINE 5"		
LOCATION	QUANTITY LENGTH (FOOT)	MARKING TYPE (P. P. M. TYB)
SANGAMON COUNTY (IL 125 / IL 123 INTERSECTION)		
IL 123	50	30' SKIP - 10' DASH CENTERLINE, YELLOW
T.R. 22 (YANKEE TOWN RD.)	50	30' SKIP - 10' DASH CENTERLINE, YELLOW
GRAND TOTAL =		100

PERFORMED PLASTIC PAVEMENT MARKING TYPE B (INLAID) - LINE 6"		
LOCATION	QUANTITY LENGTH (FOOT)	MARKING TYPE (P. P. M. TYB)
SANGAMON COUNTY (IL 125 / IL 123 INTERSECTION)		
156+50.00 TO 158+90.00 (LEFT TURN LANE, EASTBOUND)	60	6' SKIP - 2' DASH
158+90.00 TO 161+30.00 (LEFT TURN LANE, EASTBOUND)	240	SOLID LANE LINE
162+26.11 TO 163+41.11 (LEFT TURN LANE, WESTBOUND)	115	SOLID LANE LINE
163+41.11 TO 165+21.11 (LEFT TURN LANE, WESTBOUND)	45	6' SKIP - 2' DASH
GRAND TOTAL =		460 FEET

RAISED REFLECTIVE PAVEMENT MARKERS				
LOCATION	DISTANCE (FEET)	QUANTITY (EACH, @ 80' CTRS.)	MARKER TYPE	
CASS COUNTY				
STATION TO STATION				
1079+00.00	1099+98.54	2099	26	TWO-WAY AMBER, 80' CTRS.
STATION EQUATION:				
1099+98.54 (BK) = 18+36.74 (AHEAD)				
18+36.74	24+57.24	621	8	TWO-WAY AMBER, 80' CTRS.
SUB TOTAL =			34	
CASS / SANGAMON COUNTY LINE = STA. 24+57.24				
SANGAMON COUNTY				
24+57.24	152+50.00	12793	160	TWO-WAY AMBER, 80' CTRS.
152+50.00	169+21.00	1671	52	TWO-WAY AMBER, 40' & 80' CTRS.
169+21.00	276+50.00	10729	134	TWO-WAY AMBER, 80' CTRS.
SUB TOTAL =			346	
152+50.00	169+21.00	1671	11	ONE-WAY CRYSTAL
SUB TOTAL =			11	
GRAND TOTAL =			391	

THERMOPLASTIC PAVEMENT MARKING - LINE 8"		
LOCATION	QUANTITY LENGTH (FOOT)	MARKING TYPE (THERMOPLASTIC)
SANGAMON COUNTY (IL 125 / IL 123 INTERSECTION)		
NORTHWEST ISLAND	220	ISLAND OUTLINE
SOUTHWEST ISLAND	120	ISLAND OUTLINE
GRAND TOTAL =		340 FEET

PERFORMED PLASTIC PAVEMENT MARKING TYPE B (INLAID) - LINE 24"		
LOCATION	QUANTITY LENGTH (FOOT)	MARKING TYPE (P. P. M. TYB)
SANGAMON COUNTY (IL 125 / IL 123 INTERSECTION)		
IL 123, SOUTHBOUND THRU LANE	12	STOP BAR
IL 123, SOUTHBOUND RIGHT TURN LANE	18	STOP BAR
YANKEETOWN RD., NORTHBOUND THRU LANE	23	STOP BAR
GRAND TOTAL =		53

PERFORMED PLASTIC PAVEMENT MARKING, TYPE B, (INLAID) - LETTERS & SYMBOLS		
LOCATION	QUANTITY (SQ FT)	MARKING TYPE (P. P. M. TYB)
SANGAMON COUNTY (IL 125 / IL 123 INTERSECTION)		
STA. 158+90	15.6	LEFT TURN ARROW, WHITE
STA. 159+95	15.6	LEFT TURN ARROW, WHITE
STA. 161+00	15.6	LEFT TURN ARROW, WHITE
STA. 162+56	15.6	LEFT TURN ARROW, WHITE
STA. 163+41	15.6	LEFT TURN ARROW, WHITE
GRAND TOTAL =		78.0 SQ FT

THERMOPLASTIC PAVEMENT MARKING - LINE 12"			
LOCATION	QUANTITY LENGTH (FOOT)	MARKING TYPE (THERMOPLASTIC)	
SANGAMON COUNTY (IL 125 / IL 123 INTERSECTION)			
STATION	TO	STATION	
153+50.00		158+90.00	115
163+41.11		168+00.00	92
NORTHWEST ISLAND		93	45° ISLAND DIAGONAL
SOUTHWEST ISLAND		43	45° ISLAND DIAGONAL
GRAND TOTAL =		343 FEET	

IL 125/IL 123 INTERSECTION		
LOCATION	PIPE CULVERT REMOVAL (FOOT)	PIPE CULVERTS, CLASS C, TYPE 1 12" (FOOT)
YANKEE TOWN ROAD		
STA. 8+09.66 LT	20	30

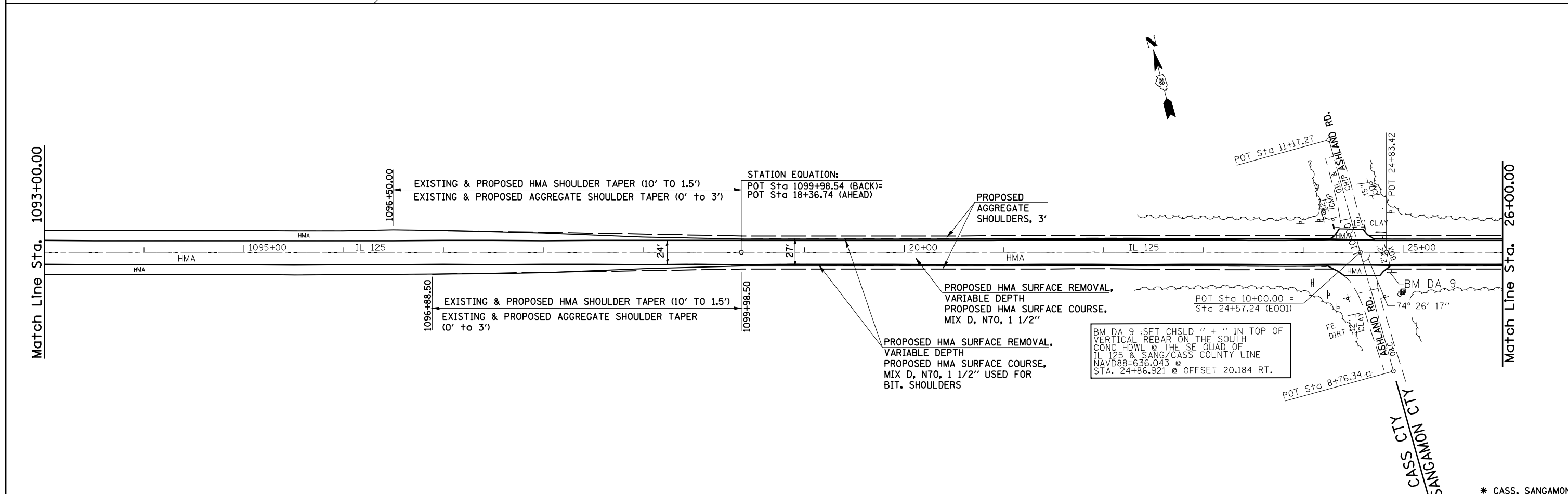
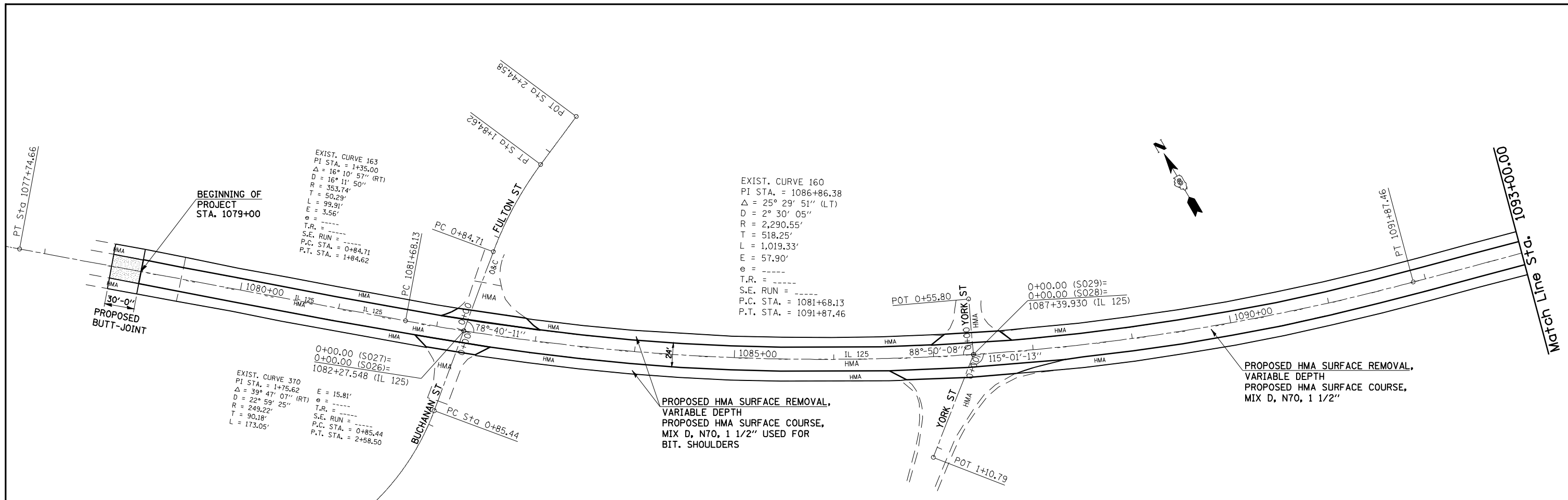
IL 125 / IL 123 INTERSECTION ISLAND QUANTITIES						
LOCATION	PAVEMENT REMOVAL (SQ FT)	CONCRETE MEDIAN SURFACE REMOVAL (SQ FT)	COMBINATION CONCRETE CURB & GUTTER REMOVAL (FOOT)	CONCRETE MEDIAN SURFACE, 4" (SQ FT)	COMB. CONC. CURB & GUTTER TYPE M-4.06 (FOOT)	COMB. CONC. CURB & GUTTER TYPE M-4.24 (FOOT)
STA. 161+50.00 LEFT	31	96	60	162	23	43

FILE NAME =	USER NAME = coxte	DESIGNED - RTS	REVISED -
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PLOT DATE = Dec-18-2009 04:48:15PM		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES			
SCALE:	SHEET NO. 6 OF 6 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	105(RS-6), 106(RS-4)	SANG./CASS	88	19
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = coxte	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS - 50 SCALE			F.A.P. RTE. 67	SECTION 105(RS-6) 106(RS-4)	COUNTY *	TOTAL SHEETS 88	SHEET NO. 20
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PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -									
PLOT DATE = Dec-18-2009 04:48:18PM		DATE - 11-09-09	REVISED -									

* CASS, SANGAMON

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

Match Line Sta. 26+00.00

Match Line Sta. 41+00.00



27'

30+00

PROPOSED AGGREGATE SHOULDERS, 3'

IL 125
HMA

35+00

27'

PROPOSED HMA SURFACE REMOVAL,
VARIABLE DEPTH
PROPOSED HMA SURFACE COURSE,
MIX D, N70, 1 1/2" USED FOR
BIT. SHOULDERS

PROPOSED HMA SURFACE REMOVAL,
VARIABLE DEPTH
PROPOSED HMA SURFACE COURSE,
MIX D, N70, 1 1/2"

POT 38+24.52
15'
CLAY

179° 57' 34"

40+00

Match Line Sta. 41+00.00

Match Line Sta. 56+00.00



FE
DIRT
CONG

45+00

PROPOSED AGGREGATE SHOULDERS, 3'

IL 125
HMA

50+00

FE
AGG
15'
CMP

POT 51+97.36
15'
CMP

180° 00' 23"

PROPOSED HMA SURFACE REMOVAL,
VARIABLE DEPTH
PROPOSED HMA SURFACE COURSE,
MIX D, N70, 1 1/2" USED FOR
BIT. SHOULDERS

PROPOSED HMA SURFACE REMOVAL,
VARIABLE DEPTH
PROPOSED HMA SURFACE COURSE,
MIX D, N70, 1 1/2"

HMA
15" CONC
FE
AGG
FE
AGG

55+00

FILE NAME =	USER NAME = coxte	DESIGNED -	REVISED -
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PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = Dec-18-2009 04:48:21PM		DATE - 11-09-09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

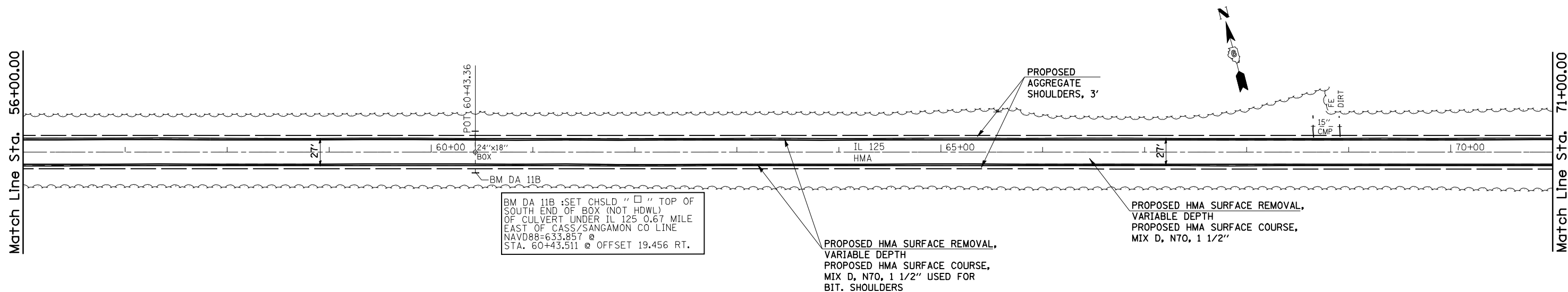
PLAN SHEETS - 50 SCALE	
SCALE: 50	SHEET NO. 2 OF SHEETS
STA. 26+00	TO STA. 56+00

* CASS, SANGAMON

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	105(RS-6) 106(RS-4)	*	88	21
CONTRACT NO. 72C49				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

Match Line Sta. 56+00.00

Match Line Sta. 71+00.00



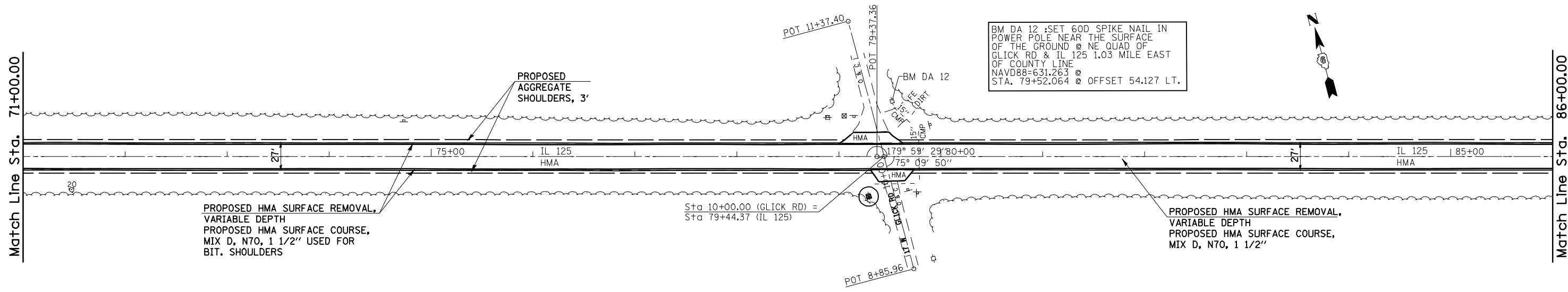
BM DA 11B :SET CHSLD " □ " TOP OF SOUTH END OF BOX (NOT HDWL) OF CULVERT UNDER IL 125 0.67 MILE EAST OF CASS/SANGAMON CO LINE NAVD88=633.857 @ STA. 60+43.511 @ OFFSET 19.456 RT.

PROPOSED HMA SURFACE REMOVAL, VARIABLE DEPTH PROPOSED HMA SURFACE COURSE, MIX D, N70, 1 1/2" USED FOR BIT. SHOULDERS

PROPOSED HMA SURFACE REMOVAL, VARIABLE DEPTH PROPOSED HMA SURFACE COURSE, MIX D, N70, 1 1/2"

Match Line Sta. 71+00.00

Match Line Sta. 86+00.00



BM DA 12 :SET 60D SPIKE NAIL IN POWER POLE NEAR THE SURFACE OF THE GROUND @ NE QUAD OF GLICK RD & IL 125 1.03 MILE EAST OF COUNTY LINE NAVD88=631.263 @ STA. 79+52.064 @ OFFSET 54.127 LT.

PROPOSED HMA SURFACE REMOVAL, VARIABLE DEPTH PROPOSED HMA SURFACE COURSE, MIX D, N70, 1 1/2" USED FOR BIT. SHOULDERS

Sta 10+00.00 (GLICK RD) = Sta 79+44.37 (IL 125)

PROPOSED HMA SURFACE REMOVAL, VARIABLE DEPTH PROPOSED HMA SURFACE COURSE, MIX D, N70, 1 1/2"

* CASS, SANGAMON

FILE NAME =	USER NAME = coxte	DESIGNED -	REVISED -
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PLOT DATE = Dec-18-2009 04:48:23PM		DATE - 11-09-09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS - 50 SCALE
SCALE: 50 SHEET NO. 3 OF SHEETS STA. 56+00 TO STA. 86+00

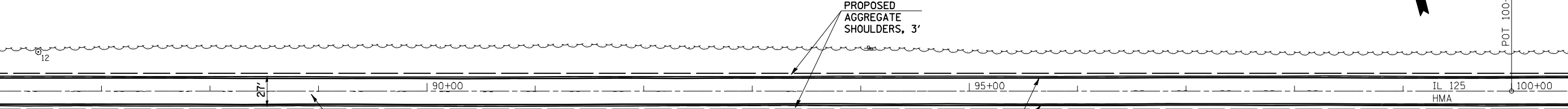
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	105(RS-6) 106(RS-4)	*	88	22
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72C49	

Match Line Sta. 86+00.00

Match Line Sta. 101+00.00



POT 100+00.03



PROPOSED HMA SURFACE REMOVAL,
VARIABLE DEPTH
PROPOSED HMA SURFACE COURSE,
MIX D, N70, 1 1/2"

PROPOSED HMA SURFACE REMOVAL,
VARIABLE DEPTH
PROPOSED HMA SURFACE COURSE,
MIX D, N70, 1 1/2" USED FOR
BIT. SHOULDERS

PROPOSED
AGGREGATE
SHOULDERS, 3'

Match Line Sta. 101+00.00

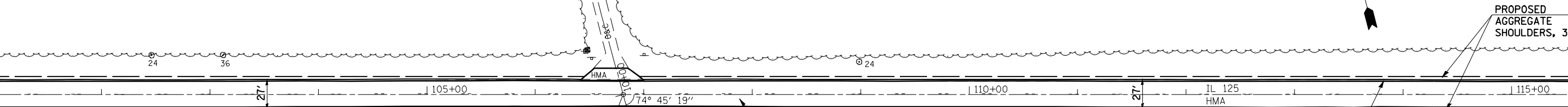
Match Line Sta. 116+00.00



POT 11+64.81

Sta 10+00.00 (ROBINSON RD) =
Sta 106+81.06 (IL125)

BM DA 13 :SET RAILROAD SPIKE IN
SOUTH SIDE OF TREE SOUTH SIDE
OF IL 125; 1.46 MILE EAST OF CO LINE
NAVD88=632,441 @
STA. 102+33.261 @ OFFSET 37.203 RT.



PROPOSED HMA SURFACE REMOVAL,
VARIABLE DEPTH
PROPOSED HMA SURFACE COURSE,
MIX D, N70, 1 1/2"

PROPOSED HMA SURFACE REMOVAL,
VARIABLE DEPTH
PROPOSED HMA SURFACE COURSE,
MIX D, N70, 1 1/2" USED FOR
BIT. SHOULDERS

PROPOSED
AGGREGATE
SHOULDERS, 3'

* CASS, SANGAMON

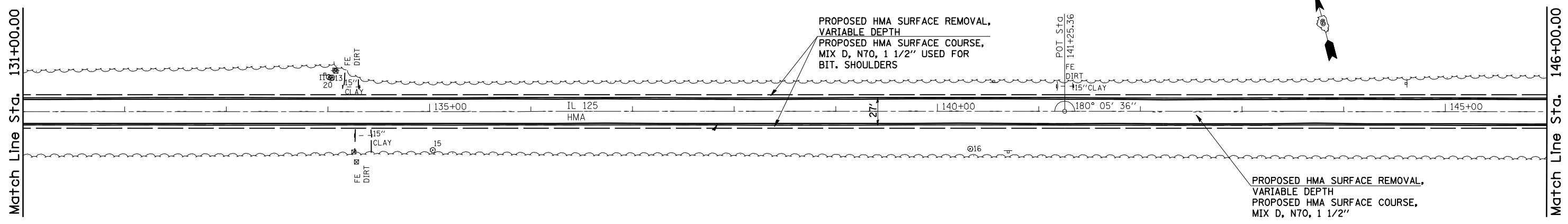
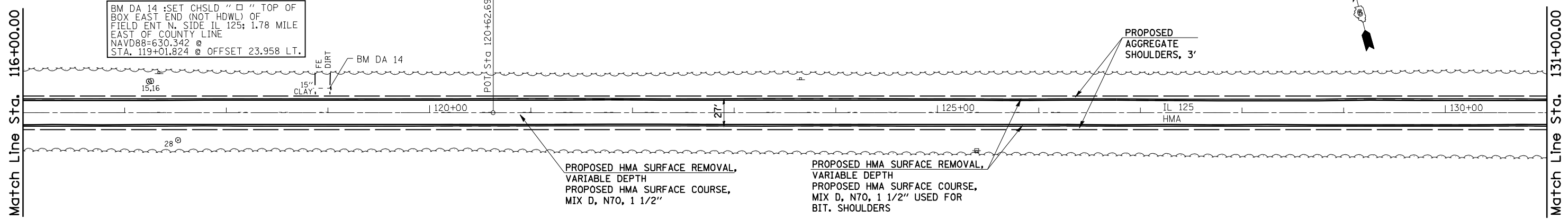
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PLOT DATE = Dec-18-2009 04:48:26PM	DATE - 11-09-09	REVISED -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS - 50 SCALE

SCALE: 50 SHEET NO. 4 OF SHEETS STA. 86+00 TO STA. 116+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	105(RS-6) 106(RS-4)	*	88	23
CONTRACT NO. 72C49				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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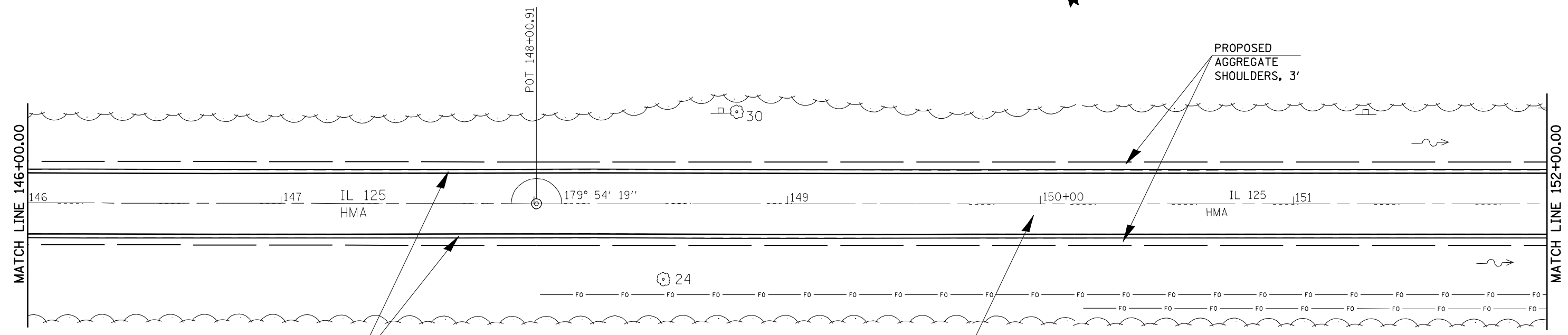
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS - 50 SCALE

SCALE: 50 SHEET NO. 5 OF SHEETS STA. 116+00 TO STA. 146+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	105(RS-6) 106(RS-4)	*	88	24
CONTRACT NO. 72C49				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

* CASS, SANGAMON



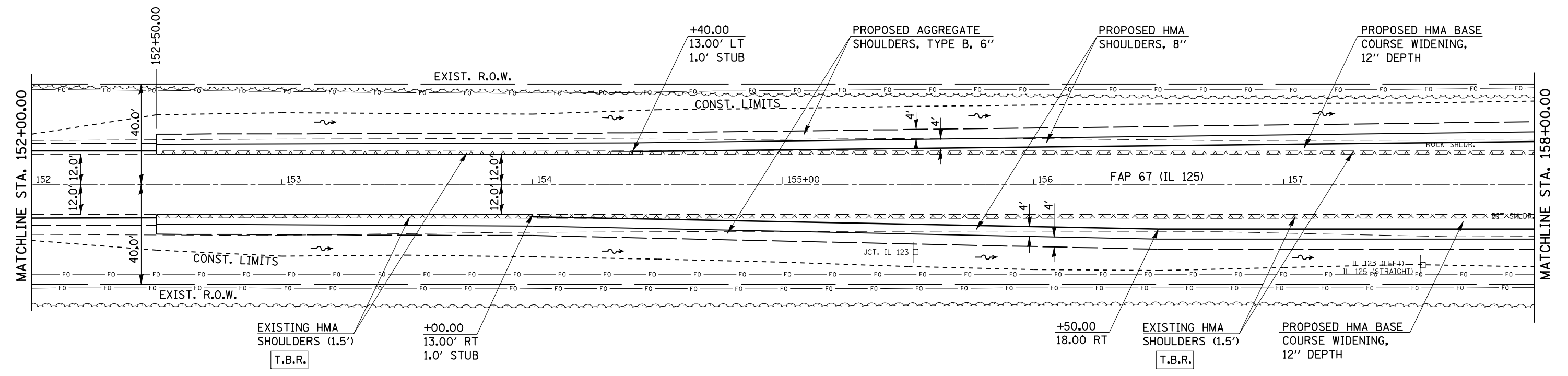
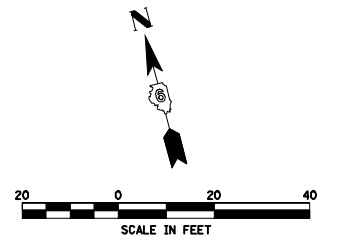
PROPOSED HMA SURFACE REMOVAL,
 VARIABLE DEPTH
 PROPOSED HMA SURFACE COURSE,
 MIX D, N70, 1 1/2", USED FOR
 BITUMINOUS SHOULDERS

PROPOSED HMA SURFACE REMOVAL,
 VARIABLE DEPTH
 PROPOSED HMA SURFACE COURSE,
 MIX D, N70, 1 1/2"

* CASS, SANGAMON

FILE NAME = e:\pwork\pwid01\COXTE\dma84394\0672089-ah-plot-20...at\IL123.dgn	USER NAME = coxte	DESIGNED - RTS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS - 20 SCALE			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 40.0000' / IN.	CHECKED - RTS	REVISED -	67					105(RS-6) 106(RS-4)	*	88	25	
PLOT DATE = Dec-18-2009 04:48:31PM	DATE - 11-16-09	REVISED -	SCALE: 20 SHEET NO. OF SHEETS STA. 146+00 TO STA. 152+00			CONTRACT NO. 72C49						
ILLINOIS FED. AID PROJECT												

RICHARD YODER
 PARCEL NO. 6036103A



RICHARD YODER
 PARCEL NO. 6036103B

FILE NAME =	USER NAME = coxte	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP RTE 67 (IL 125) INTERSECTION WITH FAS RTE 1573 (IL 123) & TR RTE 22 (YANKEE TOWN RD.)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
er:\pw\work\PWIDOT\COXTE\dma22819\0672049-shp1en_42.dgn	PLOT SCALE = 40.00' / IN.	DRAWN -	REVISED -			67	105(RS-6) 106(RS-4)	*	88	26	
PLOT DATE = Dec-18-2009 04:48:33PM	DATE -	CHECKED -	REVISED -			CONTRACT NO. 72C49		ILLINOIS FED. AID PROJECT			
		DATE -	REVISED -			SCALE: 1" = 20'	SHEET NO. OF SHEETS	STA. 152+00.00 TO STA. 158+00.00	* CASS, SANGAMON		

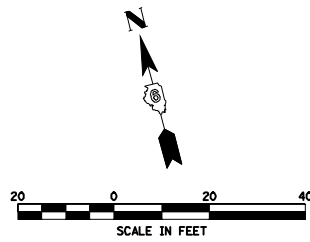
DUNLAP-YOUNG & CO.
C/O CAPITAL AGRICULTURAL
PROPERTY SERVICES, INC.
PARCEL NO. 6036105

RICHARD YODER
PARCEL NO. 6036103A

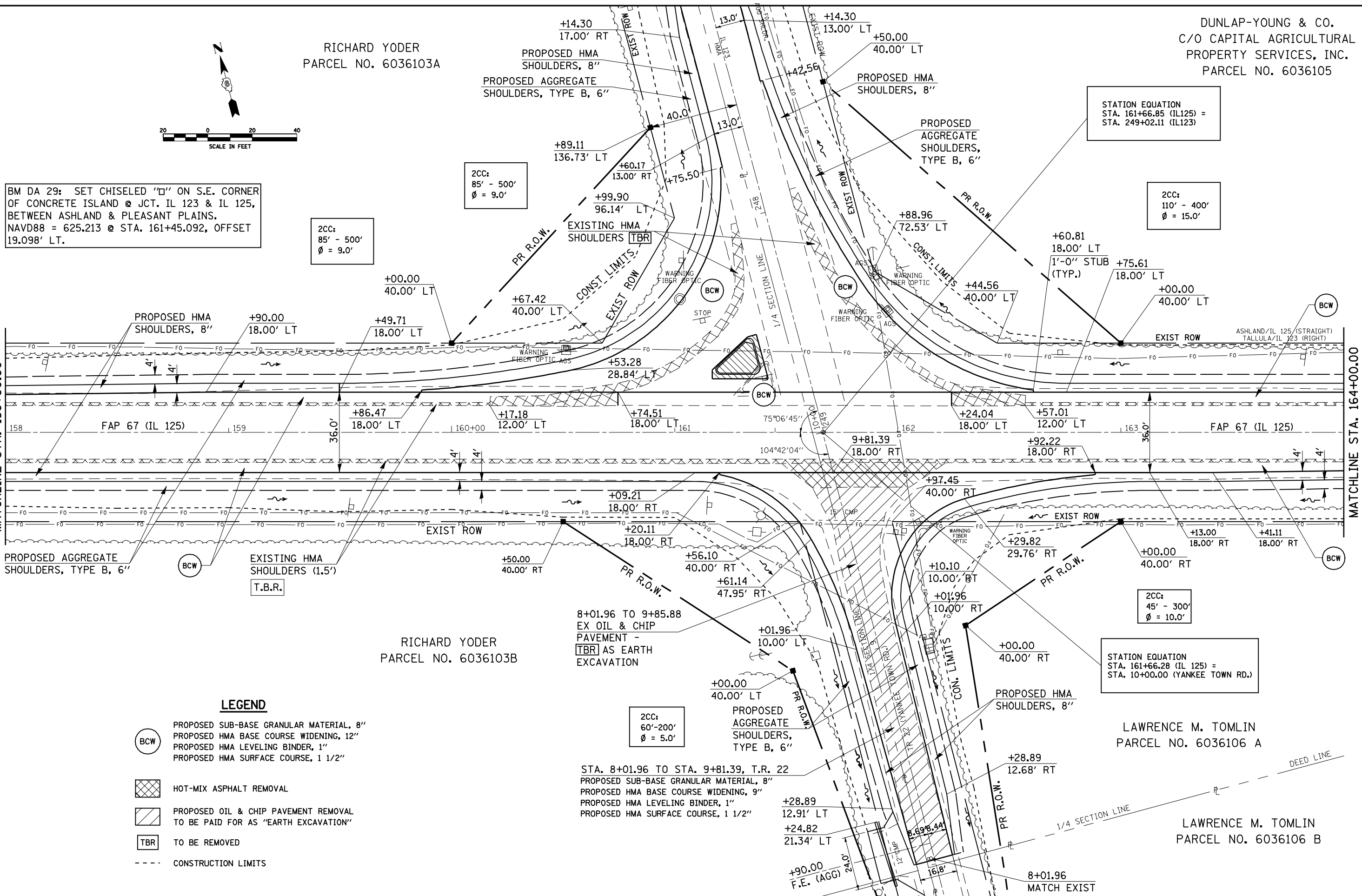
RICHARD YODER
PARCEL NO. 6036103B

LAWRENCE M. TOMLIN
PARCEL NO. 6036106 A

LAWRENCE M. TOMLIN
PARCEL NO. 6036106 B



BM DA 29: SET CHISELED "□" ON S.E. CORNER OF CONCRETE ISLAND @ JCT. IL 123 & IL 125, BETWEEN ASHLAND & PLEASANT PLAINS. NAVD88 = 625.213 @ STA. 161+45.092, OFFSET 19.098' LT.



MATCHLINE STA. 158+00.00

MATCHLINE STA. 164+00.00

LEGEND

- PROPOSED SUB-BASE GRANULAR MATERIAL, 8"
- PROPOSED HMA BASE COURSE WIDENING, 12"
- PROPOSED HMA LEVELING BINDER, 1"
- PROPOSED HMA SURFACE COURSE, 1 1/2"
- HOT-MIX ASPHALT REMOVAL
- PROPOSED OIL & CHIP PAVEMENT REMOVAL TO BE PAID FOR AS "EARTH EXCAVATION"
- TO BE REMOVED
- CONSTRUCTION LIMITS

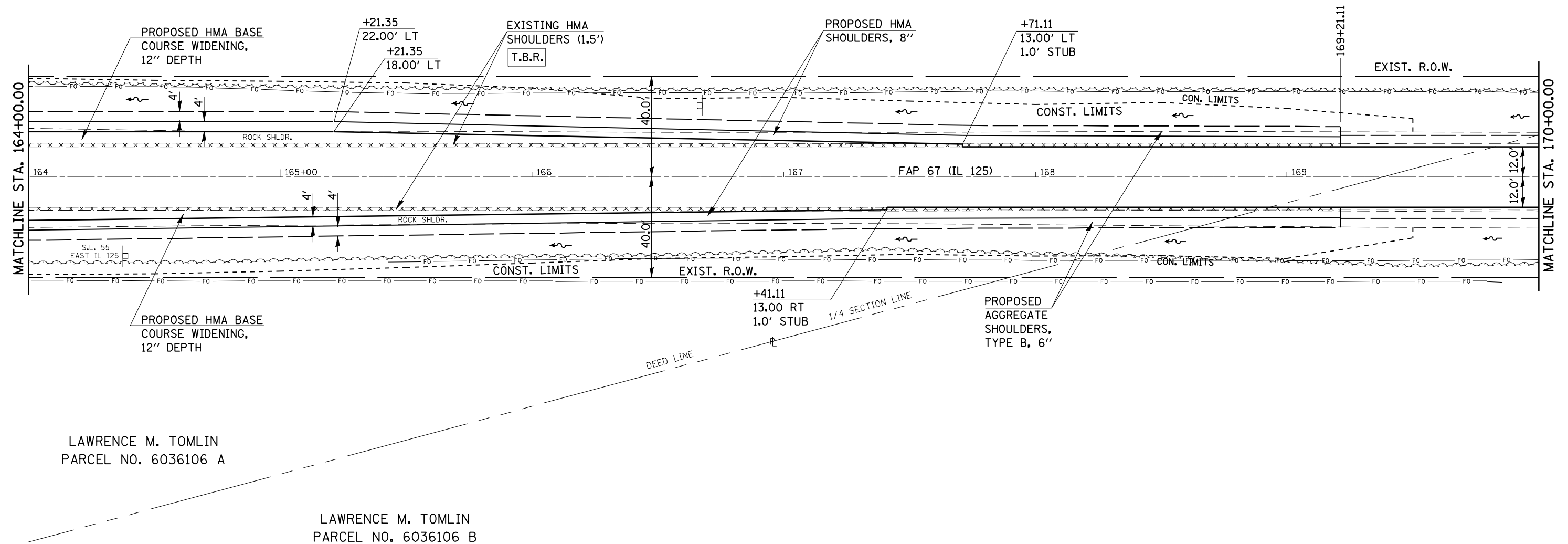
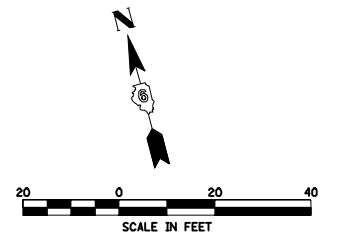
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FAP RTE 67 (IL 125) INTERSECTION WITH
FAS RTE 1573 (IL 123) & TR RTE 22 (YANKEE TOWN RD.)
SCALE: 1" = 20' SHEET NO. OF SHEETS STA. 158+00.00 TO STA. 164+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	105(RS-6) 106(RS-4)		88	27
CONTRACT NO. 72C49				

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		CHECKED -	REVISED -
		DATE -	REVISED -

DUNLAP-YOUNG & CO.
 C/O CAPITAL AGRICULTURAL
 PROPERTY SERVICES, INC.
 PARCEL NO. 6036105



LAWRENCE M. TOMLIN
 PARCEL NO. 6036106 A

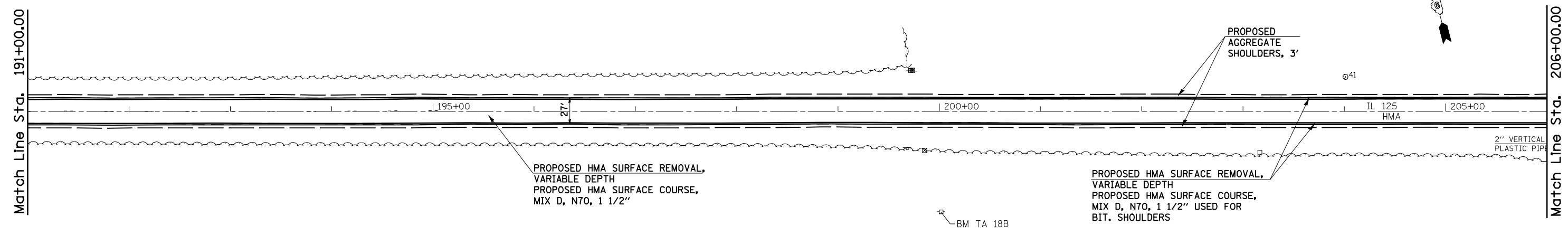
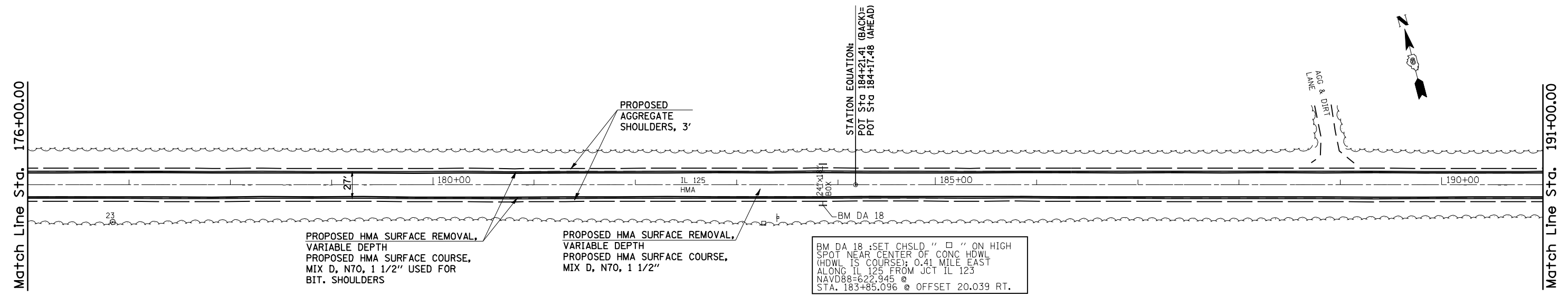
LAWRENCE M. TOMLIN
 PARCEL NO. 6036106 B

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE 67 (IL 125) INTERSECTION WITH
 FAS RTE 1573 (IL 123) & TR RTE 22 (YANKEE TOWN RD.)
 SCALE: 1" = 20' SHEET NO. OF SHEETS STA. 164+00.00 TO STA. 170+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	105(RS-6) 106(RS-4)		88	28
CONTRACT NO. 72C49				
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = coxte	DESIGNED -	REVISED -
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PLOT DATE = Dec-18-2009 04:48:43PM		DATE - 11-09-09	REVISED -

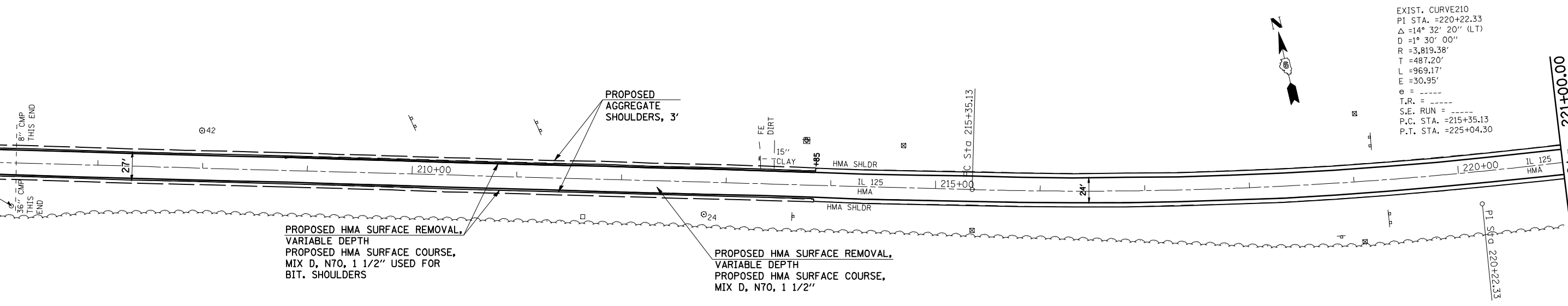
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS - 50 SCALE				
SCALE: 50	SHEET NO.	OF	SHEETS	STA. 176+00 TO STA. 206+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	105(RS-6) 106(RS-4)	*	88	30
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72C49	

* CASS, SANGAMON

Match Line Sta. 206+00.00



EXIST. CURVE210
 PI STA. =220+22.33
 $\Delta = 14^\circ 32' 20''$ (LT)
 $D = 1^\circ 30' 00''$
 $R = 3,819.38'$
 $T = 487.20'$
 $L = 969.17'$
 $E = 30.95'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. RUN = \text{---}$
 $P.C. STA. = 215+35.13$
 $P.T. STA. = 225+04.30$



Match Line Sta. 221+00.00

FILE NAME =	USER NAME = coxte	DESIGNED -	REVISED -
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PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = Dec-18-2009 04:48:45PM		DATE - 11-09-09	REVISED -

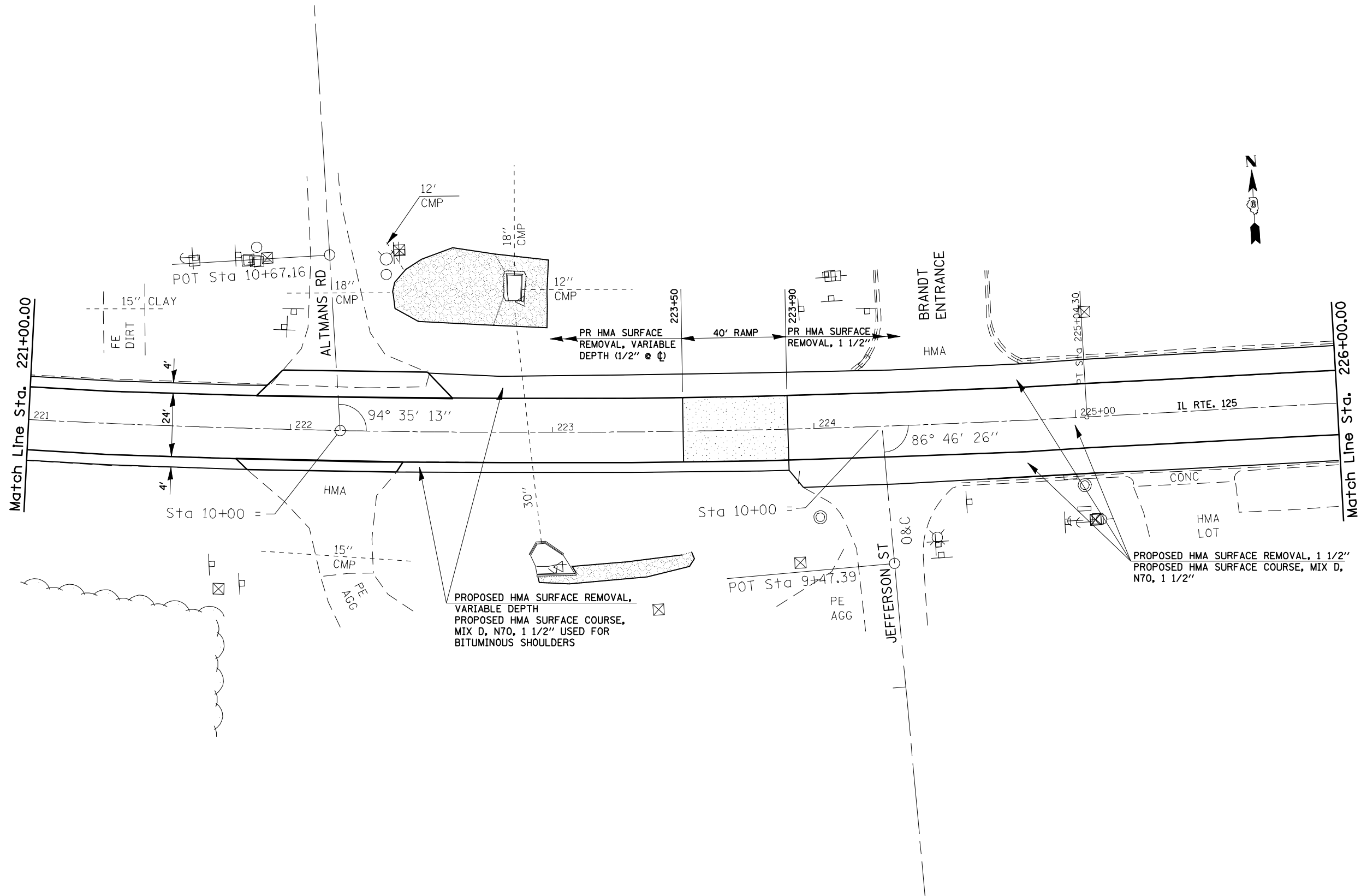
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS - 50 SCALE

SCALE: 50 SHEET NO. OF SHEETS STA. 206+00 TO STA. 221+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	105(RS-6) 106(RS-4)	*	88	31
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 72C49	

* CASS, SANGAMON



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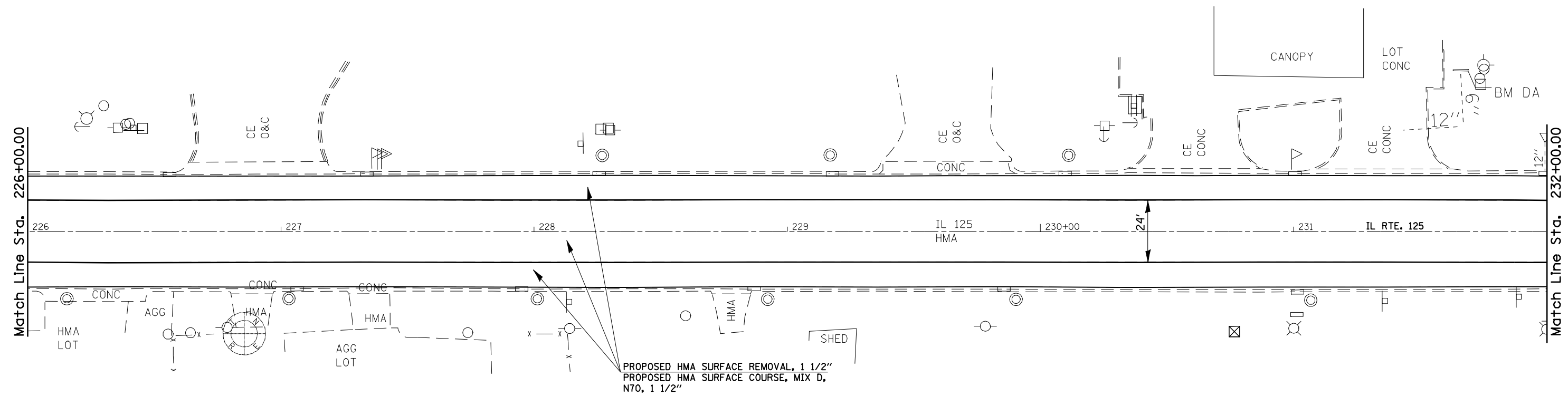
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS - 20 SCALE

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	105(RS-6) 106(RS-4)	•	88	32
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72C49	

BM DA 21 :SET CHSLD " □ " IN S.E.
 CORNER CONC DITCH CHECK NEAR
 S.E. CORNER OF CASEY'S GENERAL
 STORE LOT IN PLEASANT PLAINS
 NAVD88=616.156 @
 STA. 231+68.880 @ OFFSET 63.53 LT.



PROPOSED HMA SURFACE REMOVAL, 1 1/2"
 PROPOSED HMA SURFACE COURSE, MIX D,
 N70, 1 1/2"

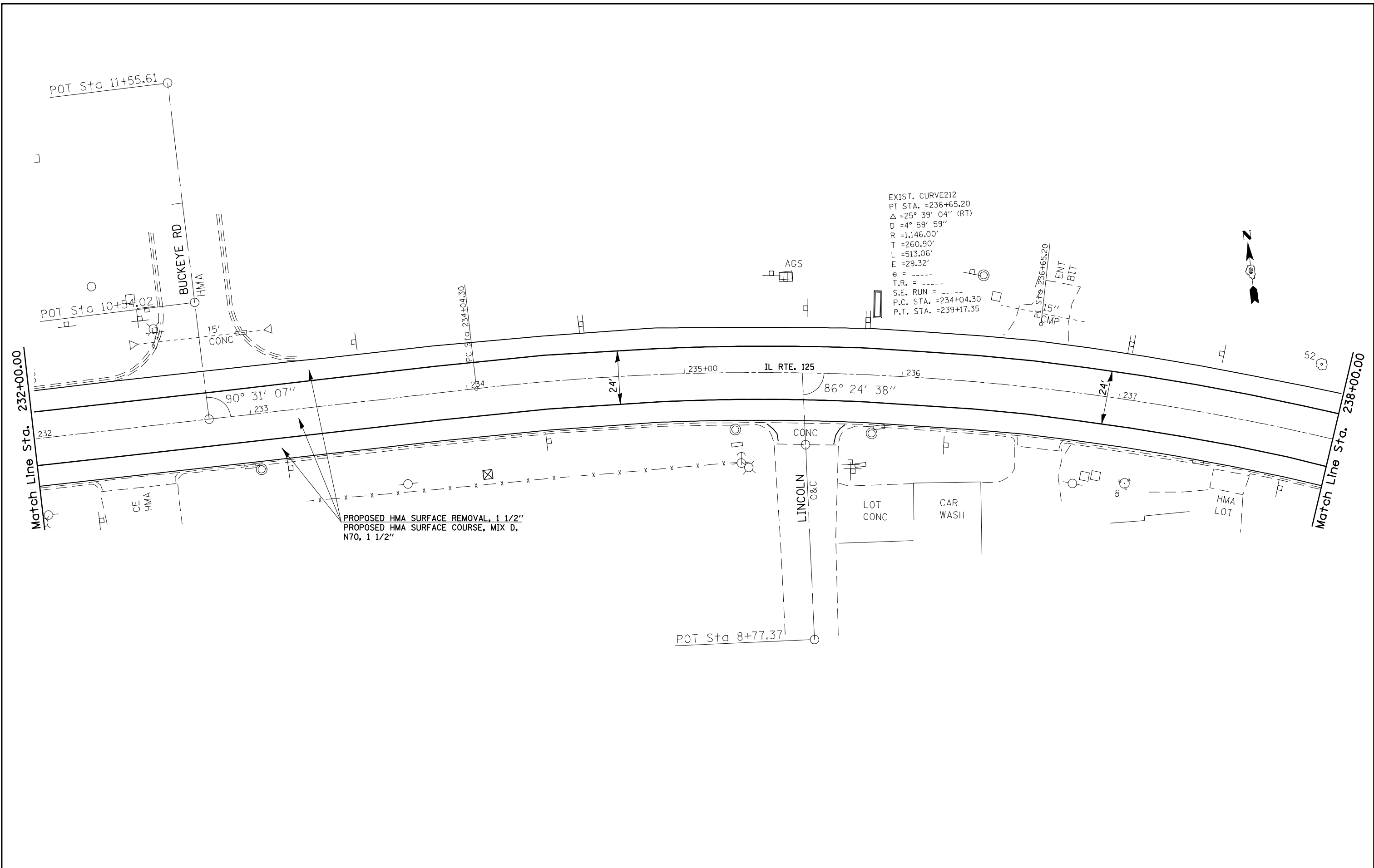
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PLOT DATE = Dec-18-2009 04:48:50PM		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS - 20 SCALE

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

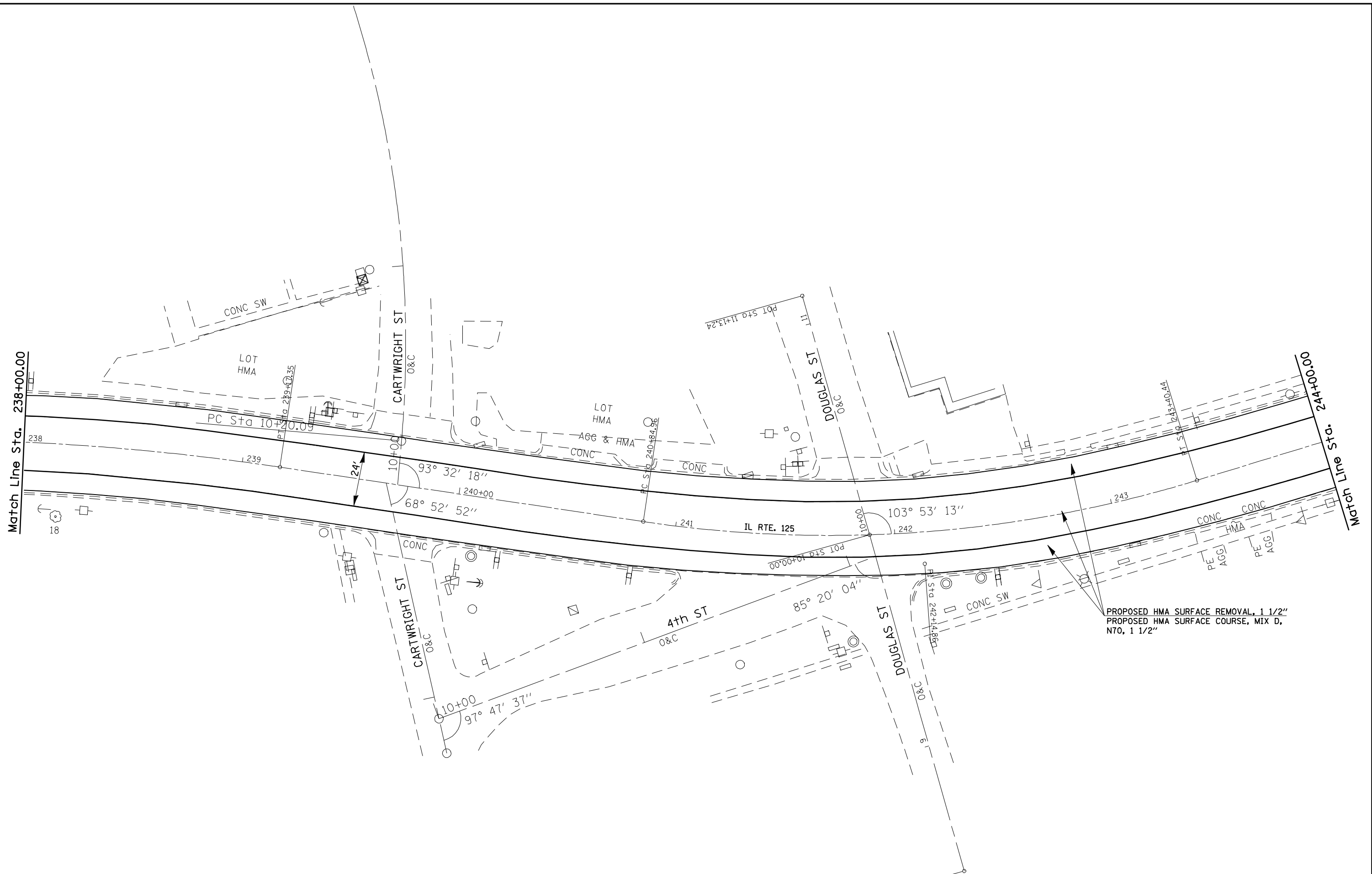
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	105(RS-6) 106(RS-4)	*	88	33
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72C49	



EXIST. CURVE212
 PI STA. =236+65.20
 Δ =25° 39' 04" (RT)
 D =4° 59' 59"
 R =1,146.00'
 T =260.90'
 L =513.06'
 E =29.32'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. =234+04.30
 P.T. STA. =239+17.35

PROPOSED HMA SURFACE REMOVAL, 1 1/2"
 PROPOSED HMA SURFACE COURSE, MIX D,
 N70, 1 1/2"

FILE NAME =	USER NAME = coxte	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS - 20 SCALE			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
er:\pwwork\pwwid01\COXTE\dnab4394\0672089-shr-plon-20.dgn	PLOT SCALE = 40.0000' / IN.	DRAWN -	REVISED -					67	105(RS-6) 106(RS-4)	*	88	34
PLOT DATE = Dec-18-2009 04:48:53PM	DATE -	CHECKED -	REVISED -		CONTRACT NO. 72C49							
					FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT						



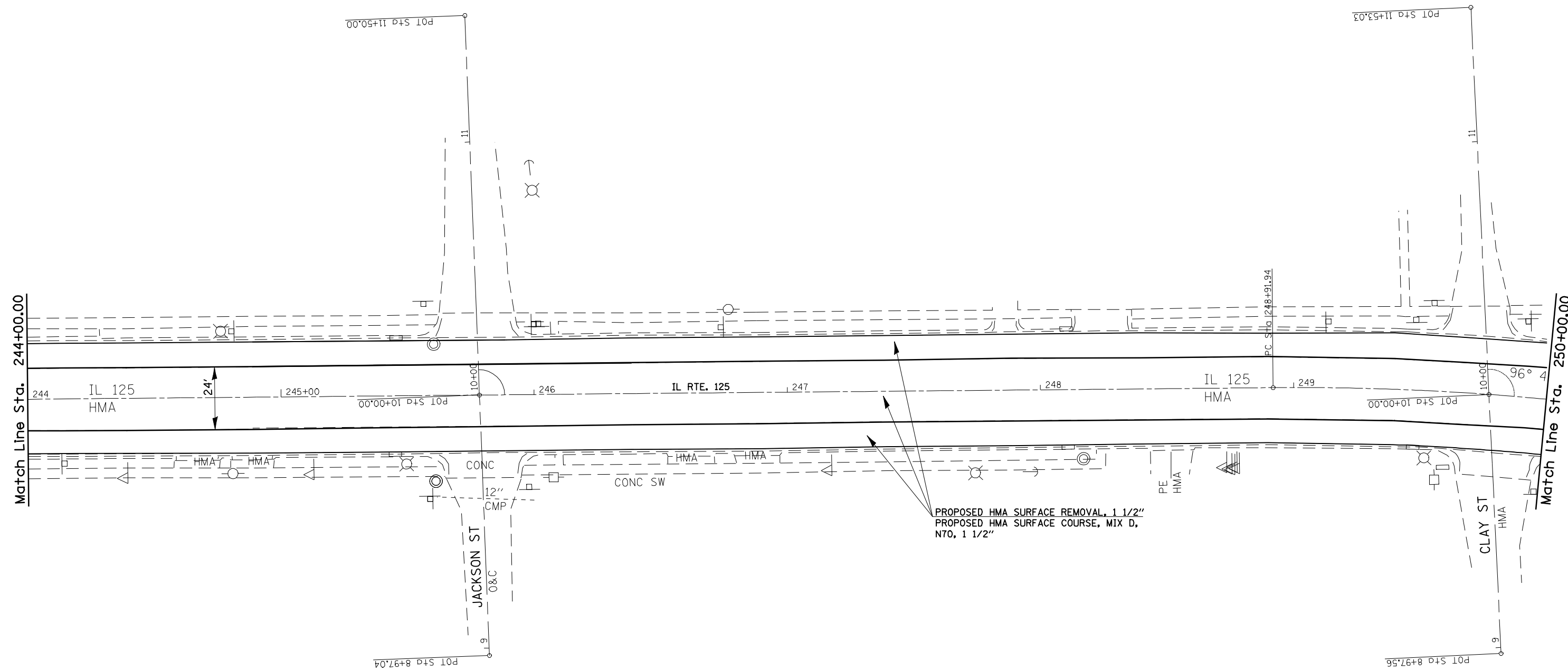
PROPOSED HMA SURFACE REMOVAL, 1 1/2"
 PROPOSED HMA SURFACE COURSE, MIX D,
 N70, 1 1/2"

FILE NAME =	USER NAME = coxte	DESIGNED -	REVISED -
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PLOT DATE = Dec-18-2009 04:48:55PM		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS - 20 SCALE			
SCALE: 1" = 20'	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	105(RS-6) 106(RS-4)	•	88	35
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72C49	



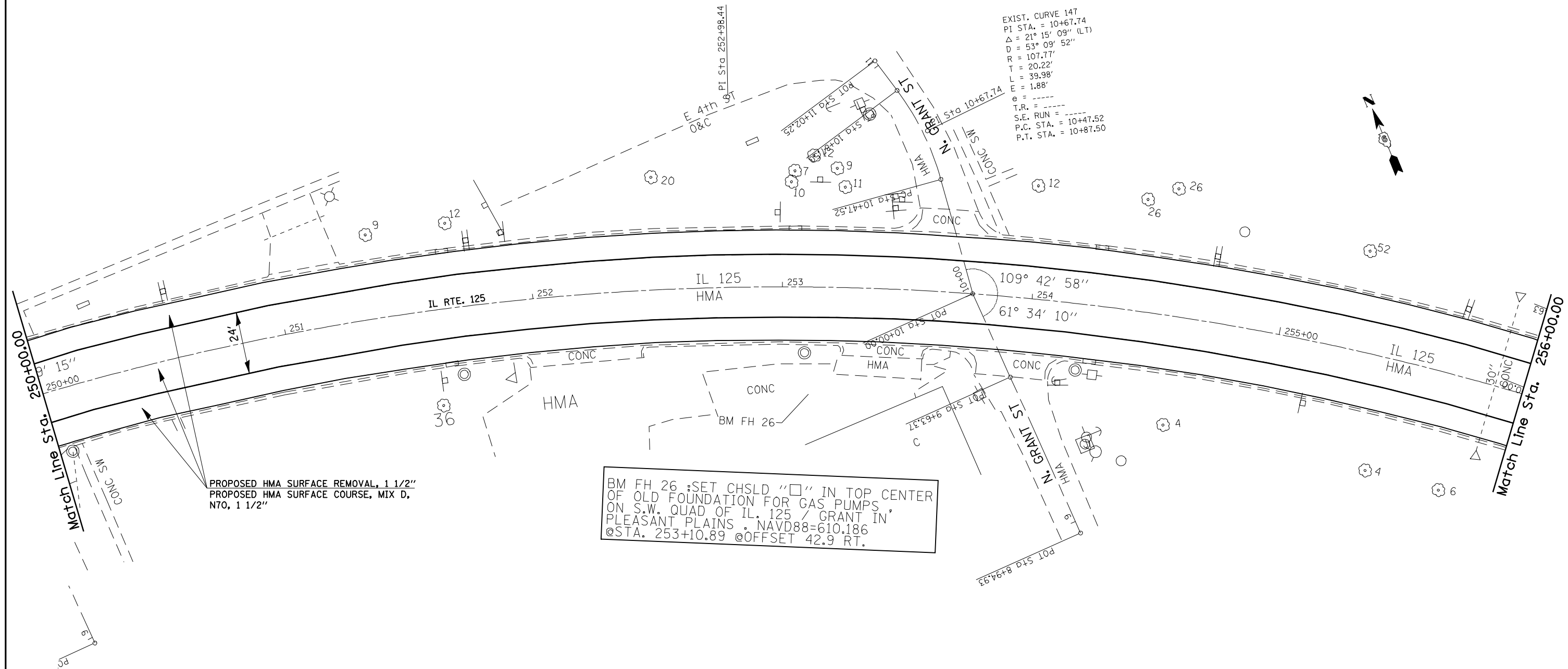
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PLOT DATE = Dec-18-2009 04:48:58PM		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS - 20 SCALE

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	105(RS-6) 106(RS-4)	•	88	36
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72C49	



BM FH 26 :SET CHSLD "□" IN TOP CENTER OF OLD FOUNDATION FOR GAS PUMPS ON S.W. QUAD OF IL. 125 / GRANT IN PLEASANT PLAINS . NAVD88=610.186 @STA. 253+10.89 @OFFSET 42.9 RT.

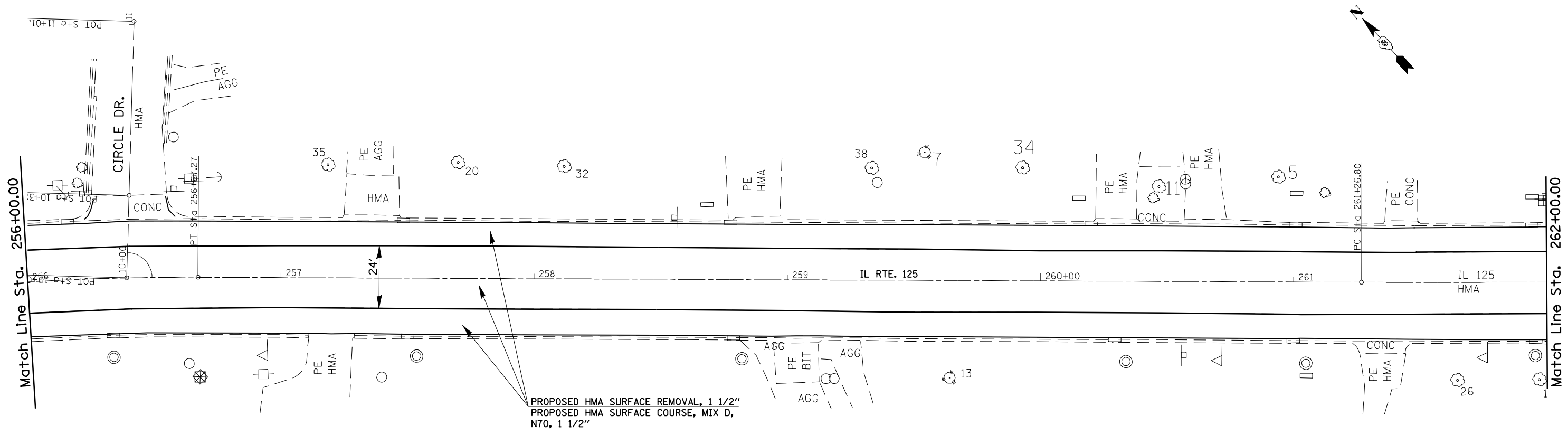
PROPOSED HMA SURFACE REMOVAL, 1 1/2"
 PROPOSED HMA SURFACE COURSE, MIX D, N70, 1 1/2"

FILE NAME =	USER NAME = coxte	DESIGNED -	REVISED -
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PLOT SCALE = 40.0000 ' / IN.		CHECKED -	REVISED -
PLOT DATE = Dec-18-2009 04:47:00PM		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS - 20 SCALE			
SCALE: 1" = 20'	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	105(RS-6) 106(RS-4)		88	37
CONTRACT NO. 72C49				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

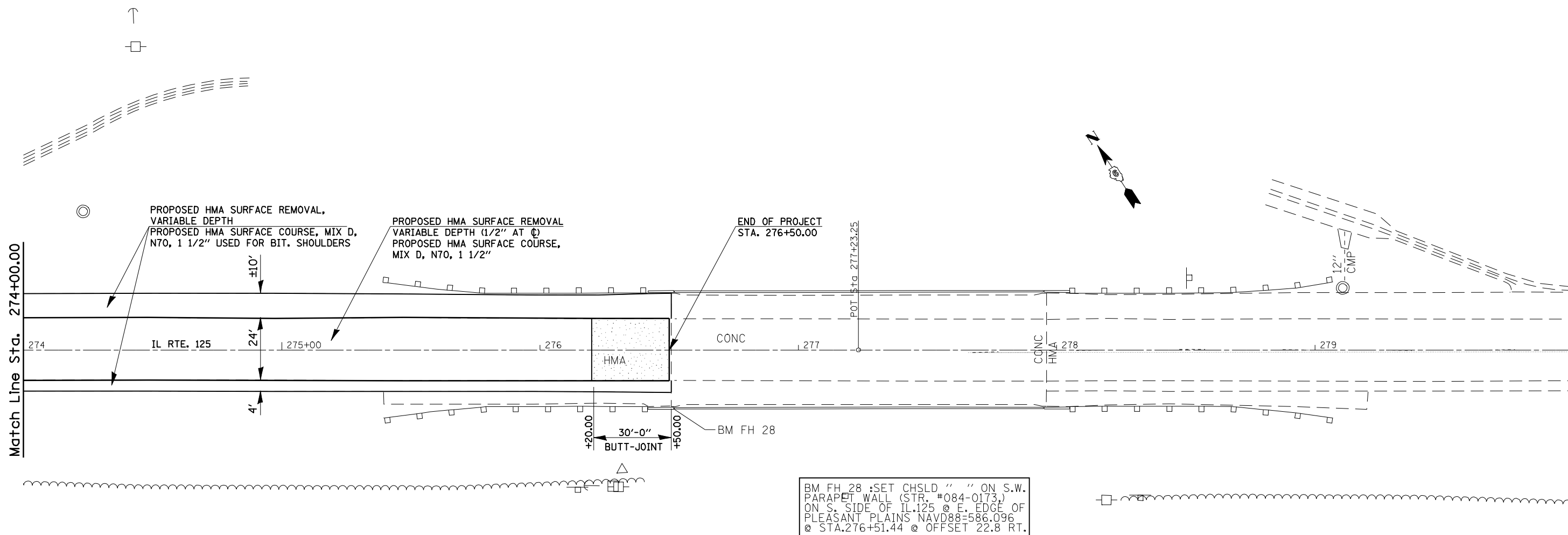


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PLOT DATE = Dec-18-2009 04:47:02PM		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS - 20 SCALE			
SCALE: 1" = 20'	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	105(RS-6) 106(RS-4)		88	38
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72C49	

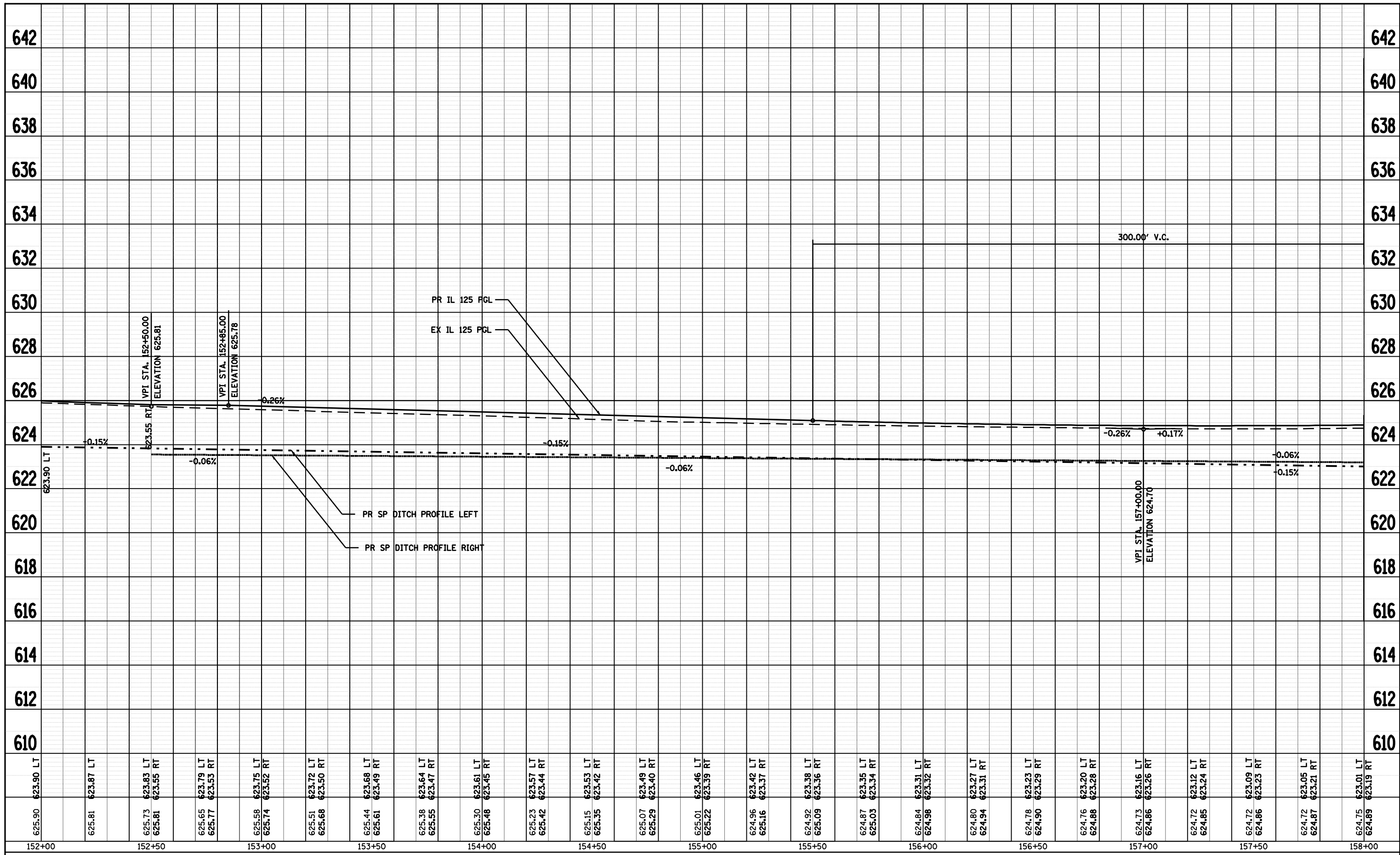


BM FH 28 :SET CHSLD " " ON S.W. PARAPET WALL (STR. #084-0173,) ON S. SIDE OF IL.125 @ E. EDGE OF PLEASANT PLAINS NAVD88=586.096 @ STA.276+51.44 @ OFFSET 22.8 RT.

FILE NAME =	USER NAME = coxte	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS - 20 SCALE			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
er:\pwork\PWIDOT\COXTE\dma84394\0672089-sht-plen-20.dgn		DRAWN -	REVISED -		67	105(RS-6) 106(RS-4)	*	88	41	CONTRACT NO. 72C49		
PLOT SCALE = 40.0000 ' / IN.		CHECKED -	REVISED -		SCALE: 1" = 20'			SHEET NO. OF SHEETS STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
PLOT DATE = Dec-18-2009 04:49:10PM		DATE -	REVISED -									

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILED		
	CADD FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE		
	NOTATION		
	CHKD		
	NO.		



FILE NAME =	USER NAME = coxte	DESIGNED -	REVISED -
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	PLOT DATE = Dec-18-2009 04:49:12PM	DATE -	REVISED -

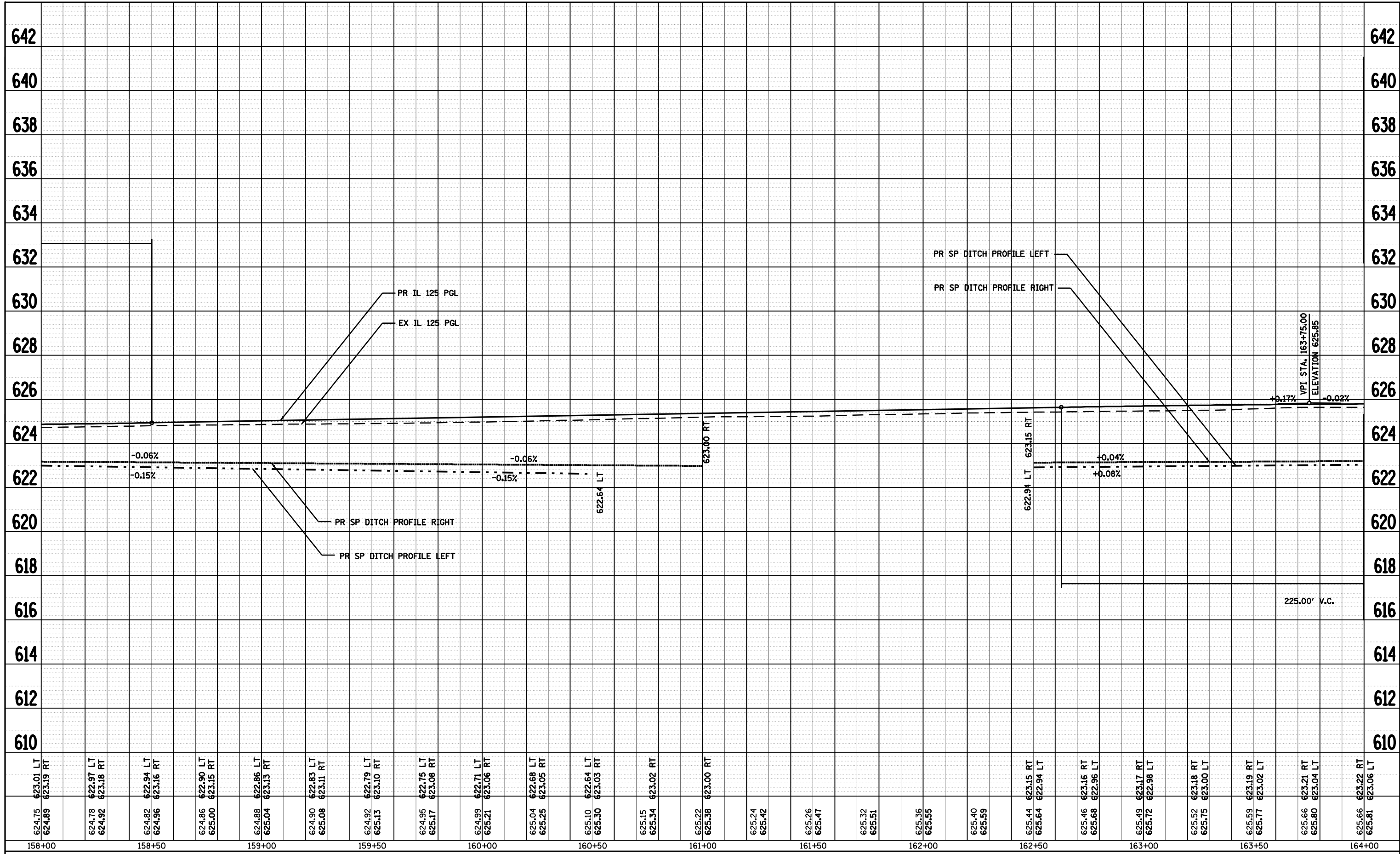
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 125 PROFILES ROADWAY AND SPECIAL DITCHES			
SCALE: 1" = 20'	SHEET NO.	OF SHEETS	STA. 152+00.00 TO STA. 158+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	105(RS-6) 106(RS-4)		88	42
CONTRACT NO. 72C49				
ILLINOIS FED. AID PROJECT				

PLAN	SUBMITTED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILED		
	CADD FILE NAME		
NOTE BOOK NO.			

PROFILE	SUBMITTED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS OK'D		
NOTE BOOK NO.			



624.75 624.89	624.78 624.92	624.82 624.96	624.86 625.00	624.88 625.04	624.90 625.08	624.92 625.13	624.95 625.17	624.99 625.21	625.04 625.25	625.10 625.30	625.15 625.34	625.22 625.38	625.24 625.42	625.26 625.47	625.32 625.51	625.36 625.55	625.40 625.59	625.44 625.64	625.46 625.68	625.49 625.72	625.52 625.75	625.59 625.77	625.66 625.80	625.66 625.81	
158+00	158+50	159+00	159+50	160+00	160+50	161+00	161+50	162+00	162+50	163+00	163+50	164+00													

FILE NAME =	USER NAME = coxte	DESIGNED -	REVISED -
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	PLOT DATE = Dec-18-2009 04:49:14PM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

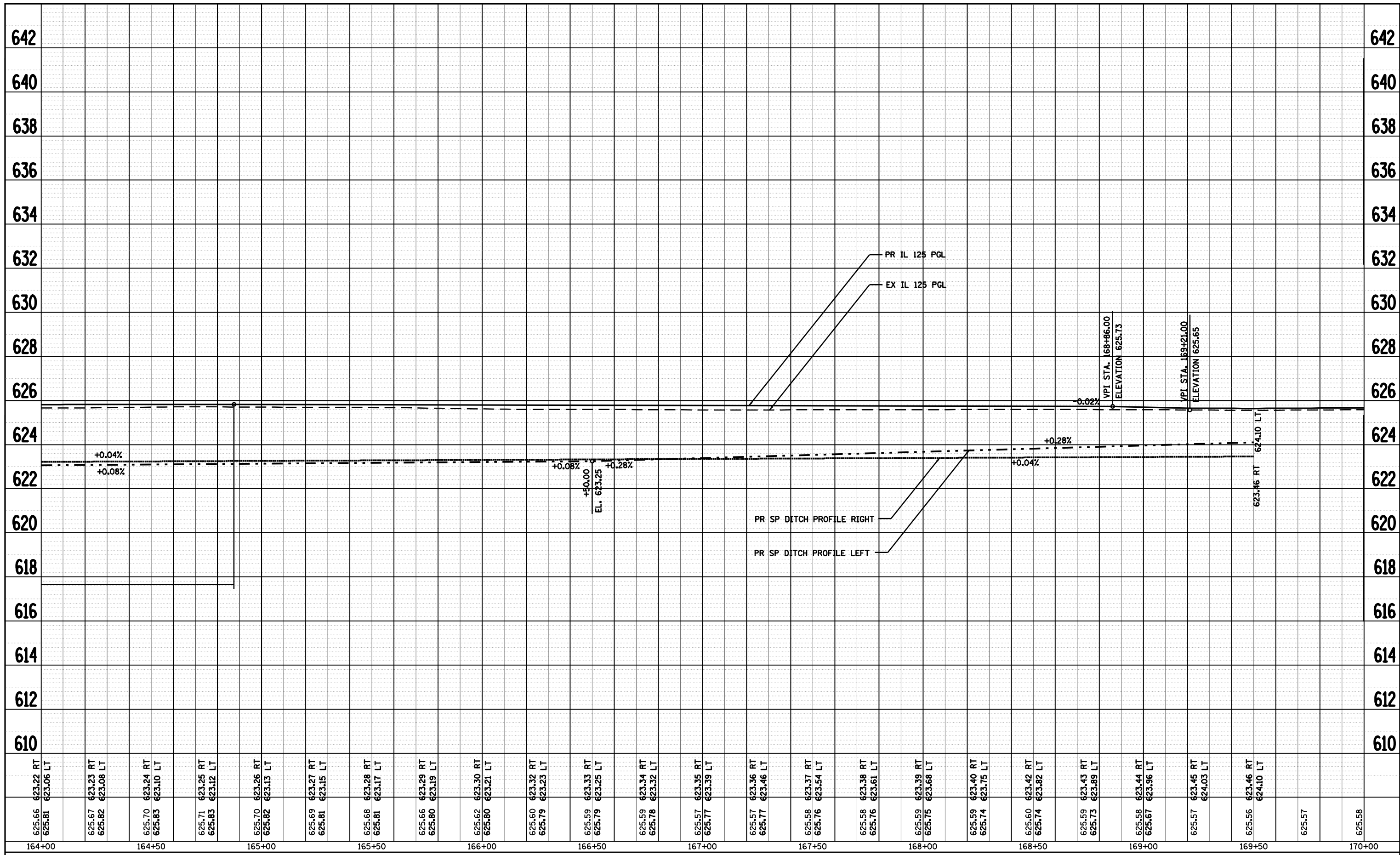
**IL 125 PROFILES
ROADWAY AND SPECIAL DITCHES**

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. 158+00.00 TO STA. 164+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	105(RS-6) 106(RS-4)		88	43
CONTRACT NO. 72C49				
ILLINOIS FED. AID PROJECT				

PLAN	SUBMITTED	BY	DATE
	ALIGNED		
	CHECKED		
	FILED		
	CADD FILE NAME		
NOTE BOOK NO.			

PROFILE	SUBMITTED	BY	DATE
	GRADES CHECKED		
	STRUCTURE NOTATIONS OK'D		
NOTE BOOK NO.			



FILE NAME =	USER NAME = coxte	DESIGNED -	REVISED -
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	PLOT DATE = Dec-18-2009 04:49:17PM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 125 PROFILES ROADWAY AND SPECIAL DITCHES			
SCALE: 1" = 20'	SHEET NO.	OF SHEETS	STA. 164+00.00 TO STA. 170+00.00

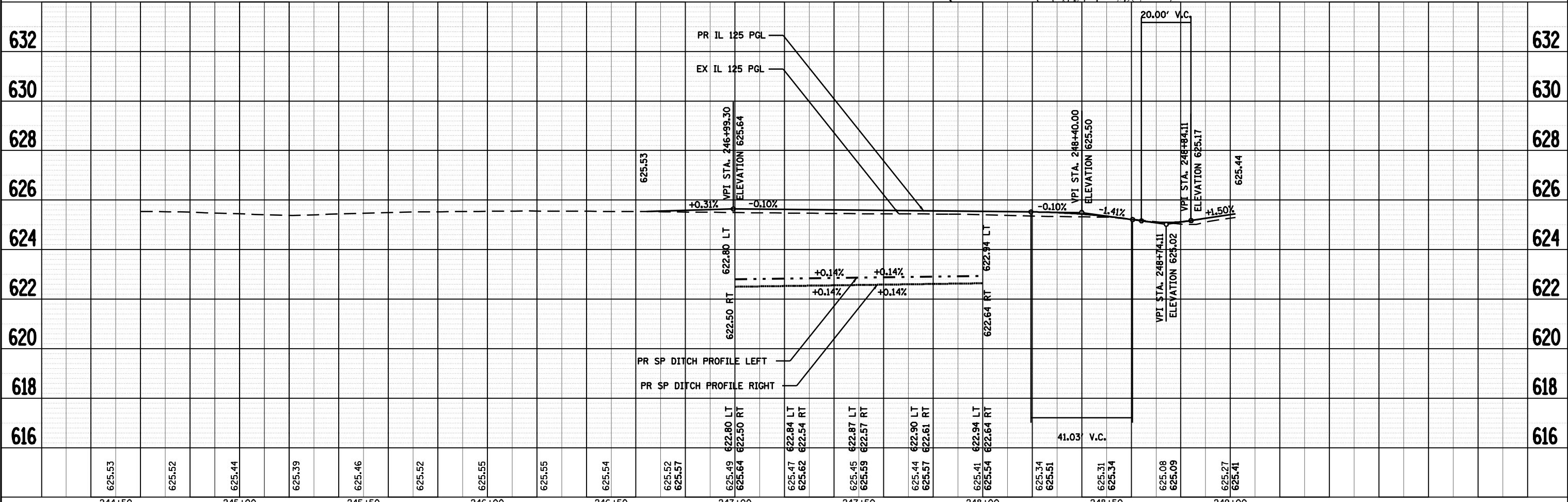
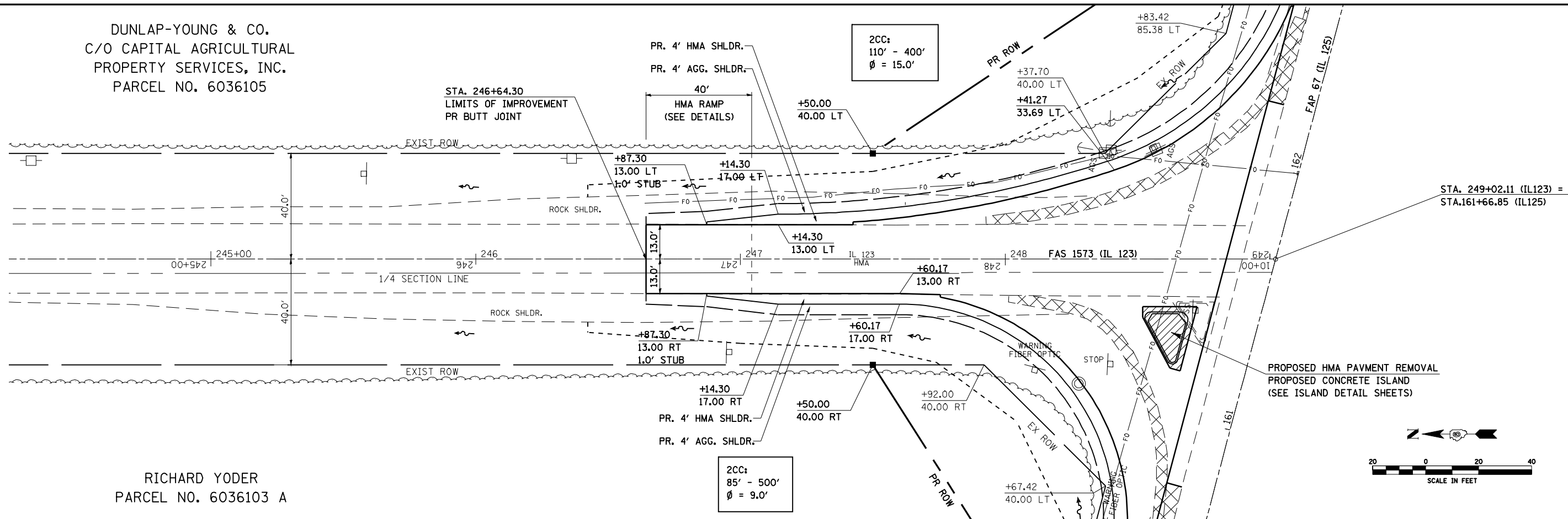
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	105(RS-6) 106(RS-4)	*	88	44
CONTRACT NO. 72C49				
ILLINOIS FED. AID PROJECT				

DUNLAP-YOUNG & CO.
C/O CAPITAL AGRICULTURAL
PROPERTY SERVICES, INC.
PARCEL NO. 6036105

DATE	
BY	
REVIEWED	
PLANNED	
NOTE BOOK	
NO.	
CADD FILE NAME	

DATE	
BY	
REVIEWED	
PLANNED	
NOTE BOOK	
NO.	
CADD FILE NAME	

RICHARD YODER
PARCEL NO. 6036103 A



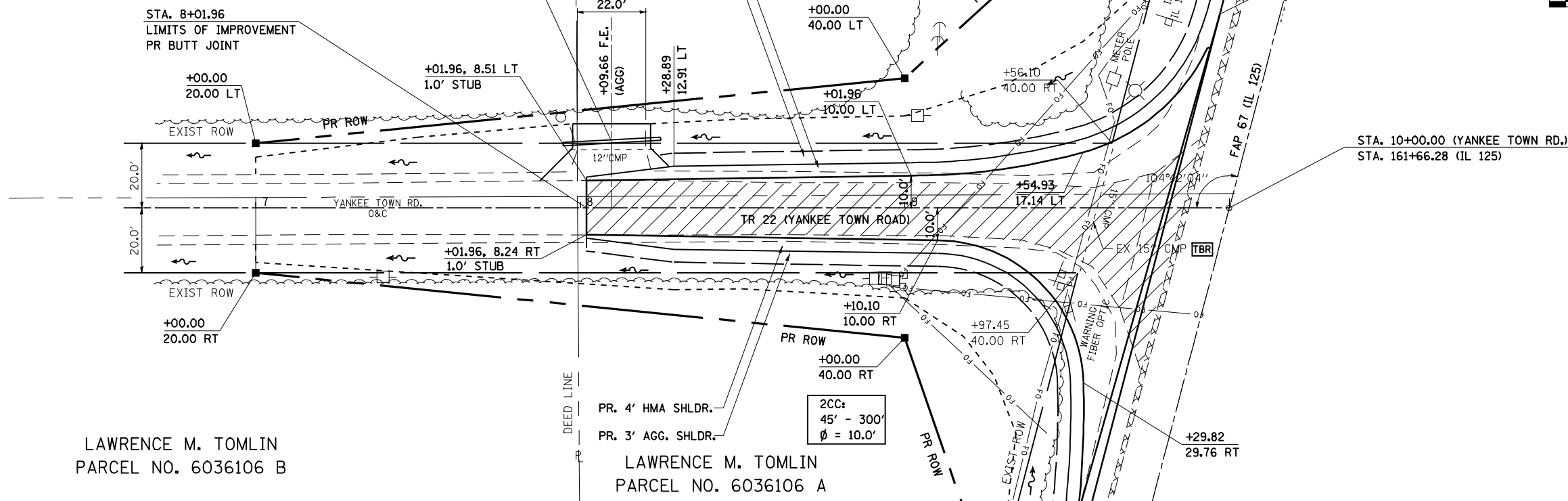
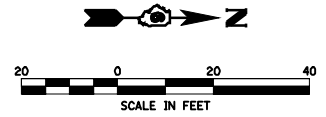
FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAS 1573 (IL 123) PLAN AND PROFILE SHEET			F.A.P. RTE. 67	SECTION 105(RS-6) 106(RS-4)	COUNTY *	TOTAL SHEETS 88	SHEET NO. 45
CONTRACT NO. 72C49	SCALE: 1" = 20'	SHEET NO.	OF SHEETS		STA.	TO STA.	ILLINOIS FED. AID PROJECT		CONTRACT NO. 72C49		* CASS, SANGAMON	
PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISD -	REVISD -									
PLOT DATE = Jan-05-2010 09:29:50AM	DATE -	REVISD -	REVISD -									

DUNLAP-YOUNG & CO.
PARCEL NO. 6036104

8+09.73, 20.5' LT
PR PIPE CULV., 12" x 30"
D.S.F.L. = 622.90
U.S.F.L. = 622.92
(EX 12" CMP TBR)

RICHARD YODER
PARCEL NO. 6036103B

2CC:
60'-200'
φ = 5.0'

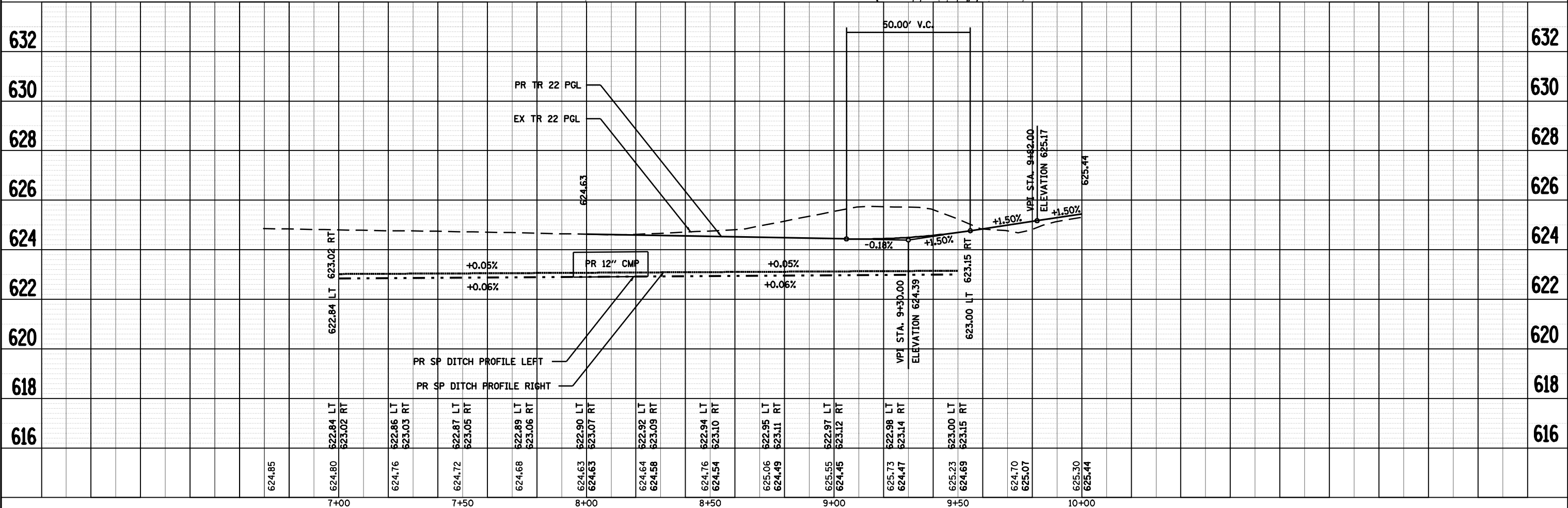


LAWRENCE M. TOMLIN
PARCEL NO. 6036106 B

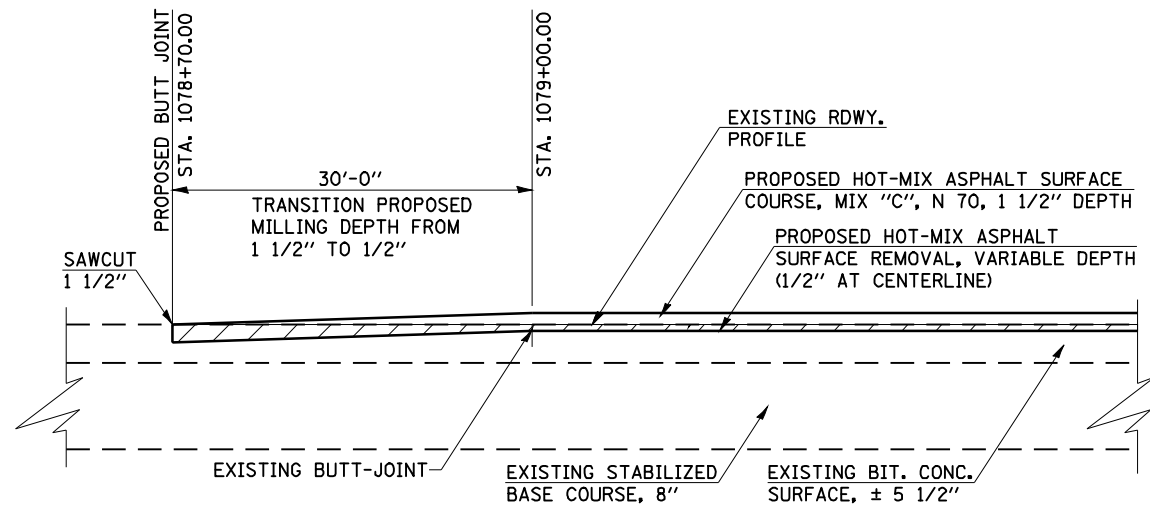
LAWRENCE M. TOMLIN
PARCEL NO. 6036106 A

PLAN	DATE
BY	
REVIEWED	
PLOTTED	
ALIGNMENT CHECKED	
NOTE BOOK NO.	
CADD FILE NAME	

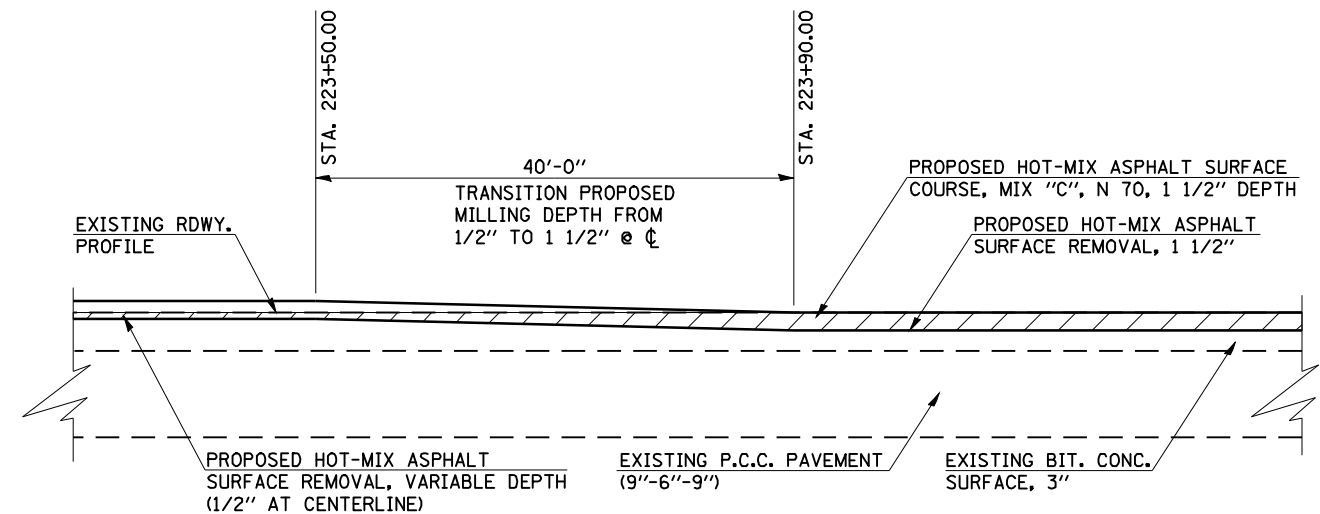
PROFILE	DATE
BY	
REVIEWED	
PLOTTED	
GRADES CHECKED	
NOTE BOOK NO.	
STRUCTURE NOTATIONS CHKD	



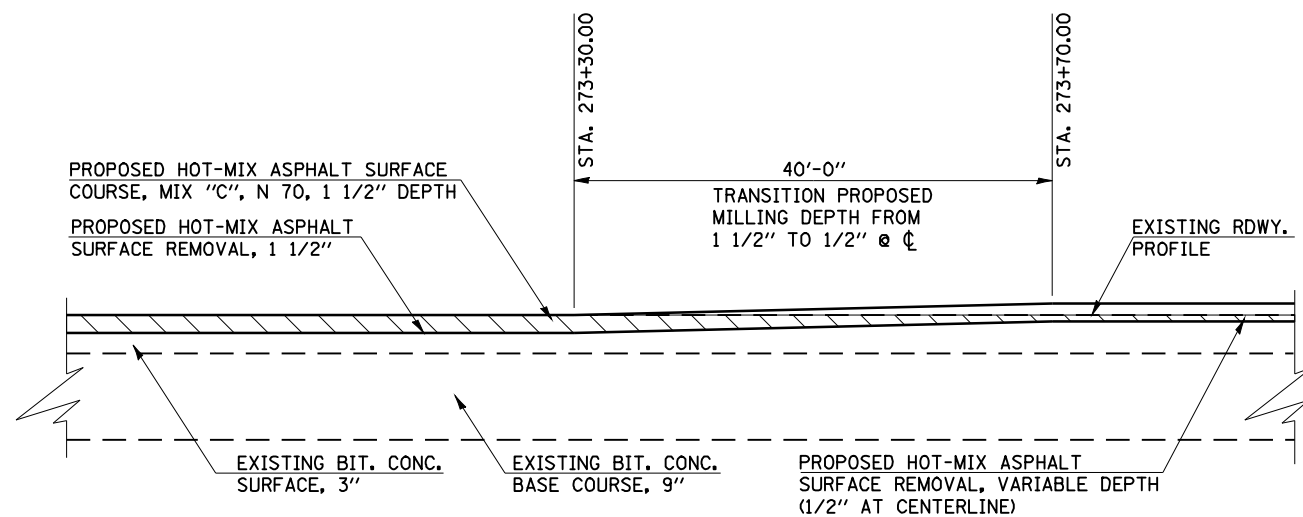
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c:\pwork\pwid001\COXTE\dms22819\shppp_46.dgn	PLOT SCALE = 40.0000' / IN.	DRAWN -	REVISIED -		SCALE: 1" = 20'	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 72C49
PLOT DATE = Dec-18-2009 04:49:22PM	DATE -	CHECKED -	REVISIED -		ILLINOIS FED. AID PROJECT					
		DATE -	REVISIED -		* CASS, SANGAMON					



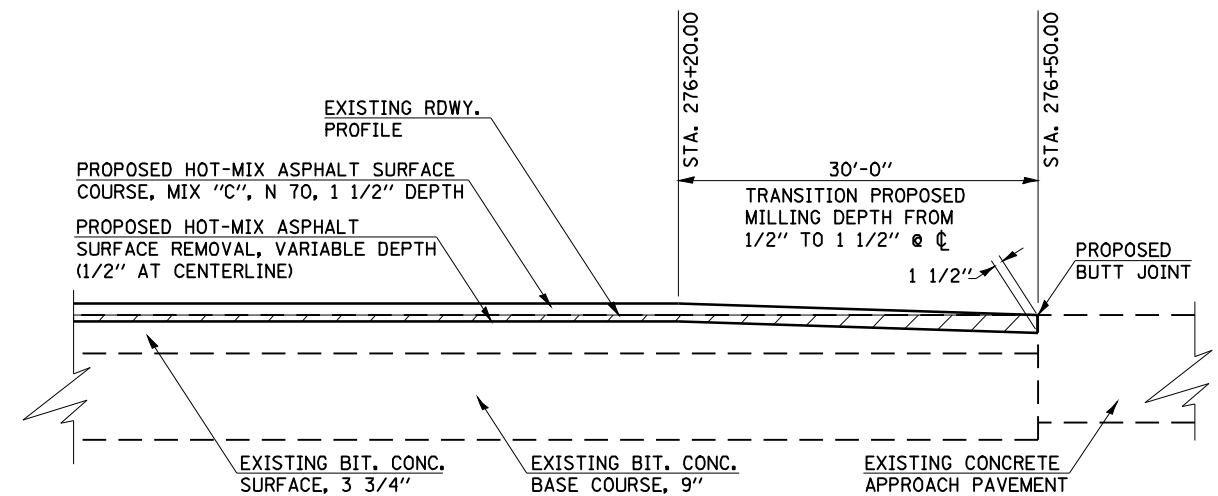
**IL ROUTE 125
BEGINNING OF PROJECT**



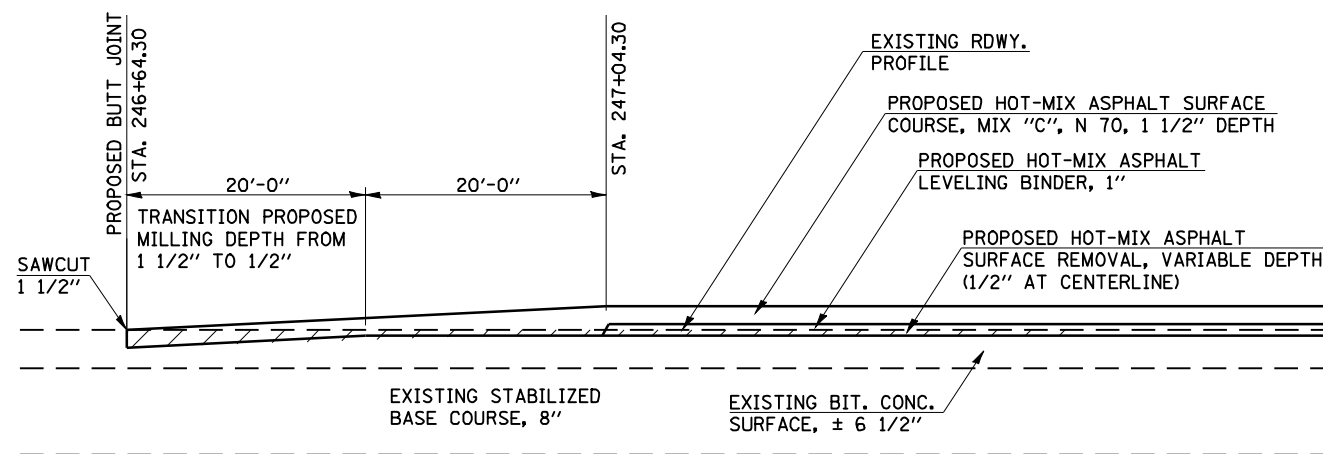
**IL ROUTE 125
ENTERING PLEASANT PLAINS, HEADING EAST**



**IL ROUTE 125
EXITING PLEASANT PLAINS, HEADING EAST**



**IL ROUTE 125
END OF PROJECT**



IL ROUTE 123

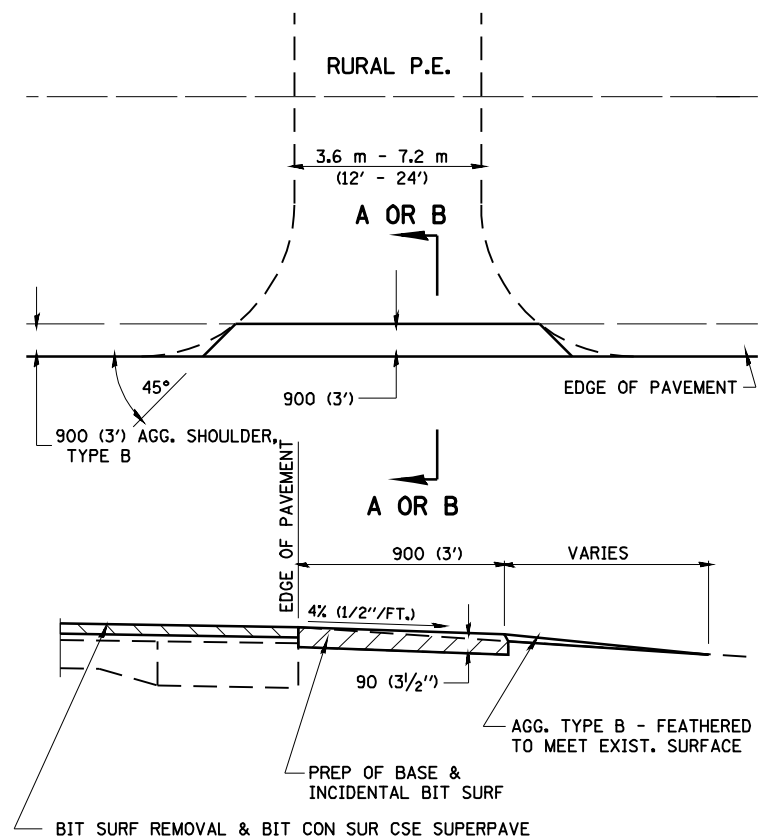
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

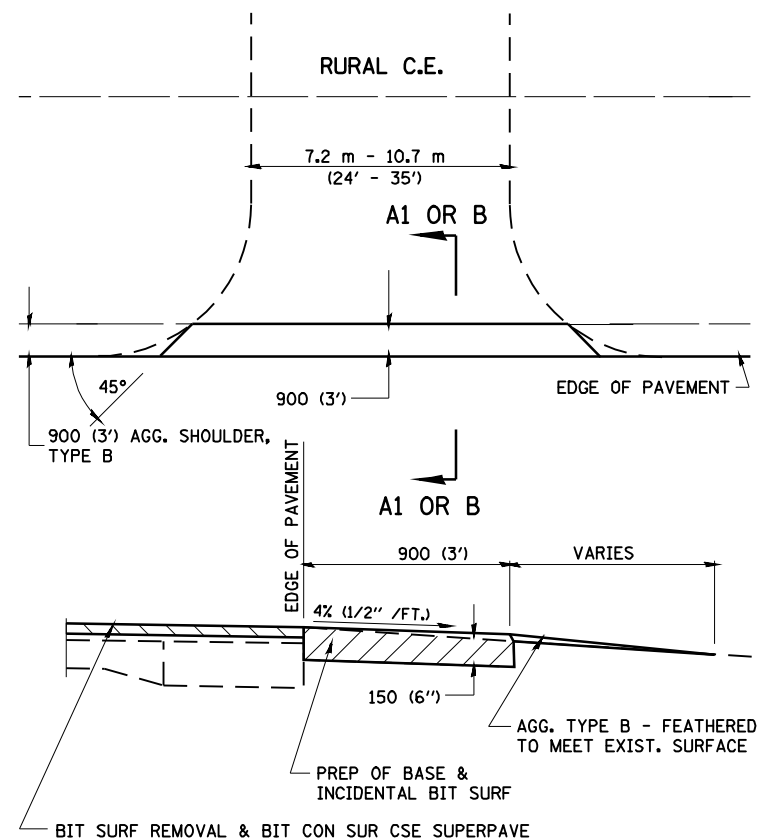
BUTT JOINT DETAILS

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

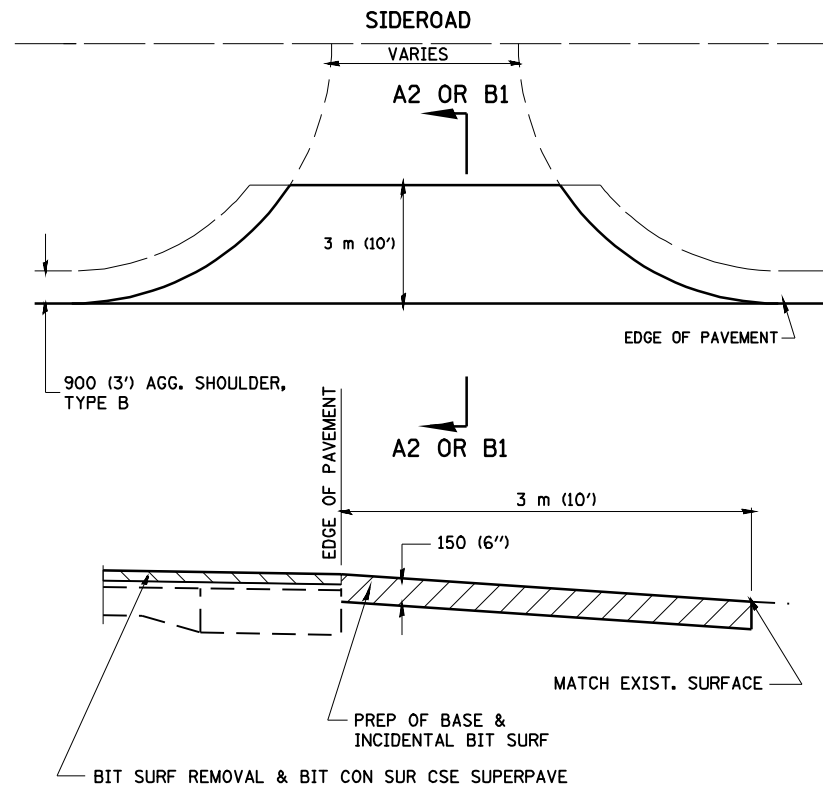
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	105(RS-6); 106(RS-4)	CASS/SANG.	88	47
CONTRACT NO. 72C49				
ILLINOIS FED. AID PROJECT				



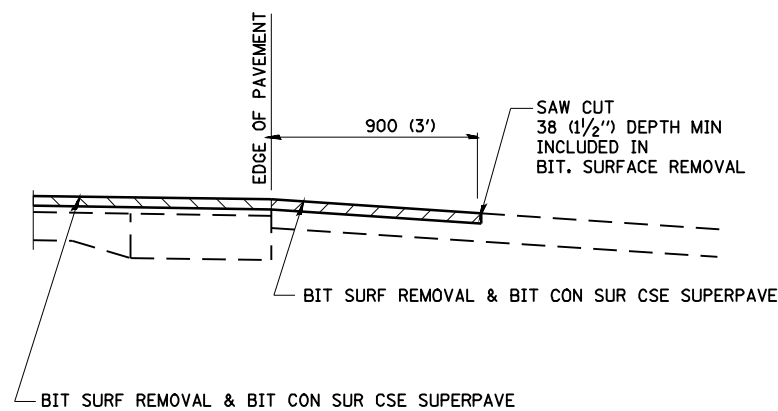
SECTION A-A FOR AGGREGATE P.E.



SECTION A1-A1 FOR AGGREGATE C.E.

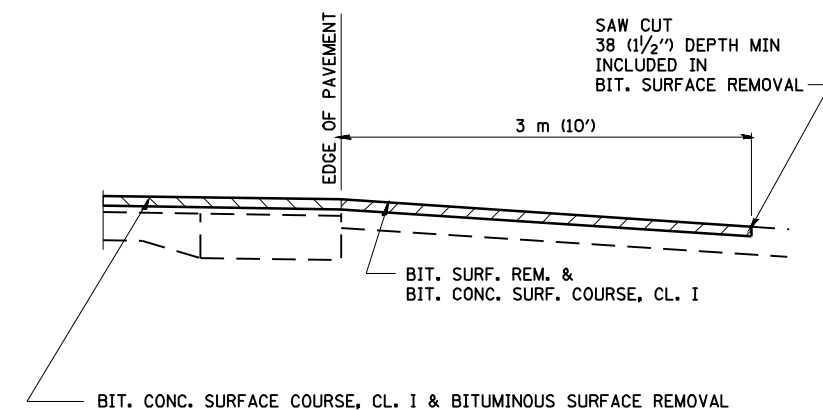


SECTION A2-A2 FOR AGGREGATE SIDEROAD



SECTION B-B FOR BITUMINOUS P.E. & C.E.

NOTE:
SEE SIDEROAD & ENTRANCE SCHEDULE, SHEET NO.



SECTION B1-B1 FOR BITUMINOUS SIDEROAD

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN

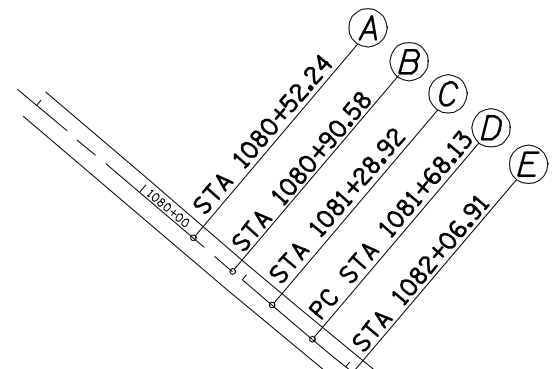
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SMART96.DGN	PLOT SCALE = 40.0000' / IN.	CHECKED - WJR	REVISED - OPS 5DEC02
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

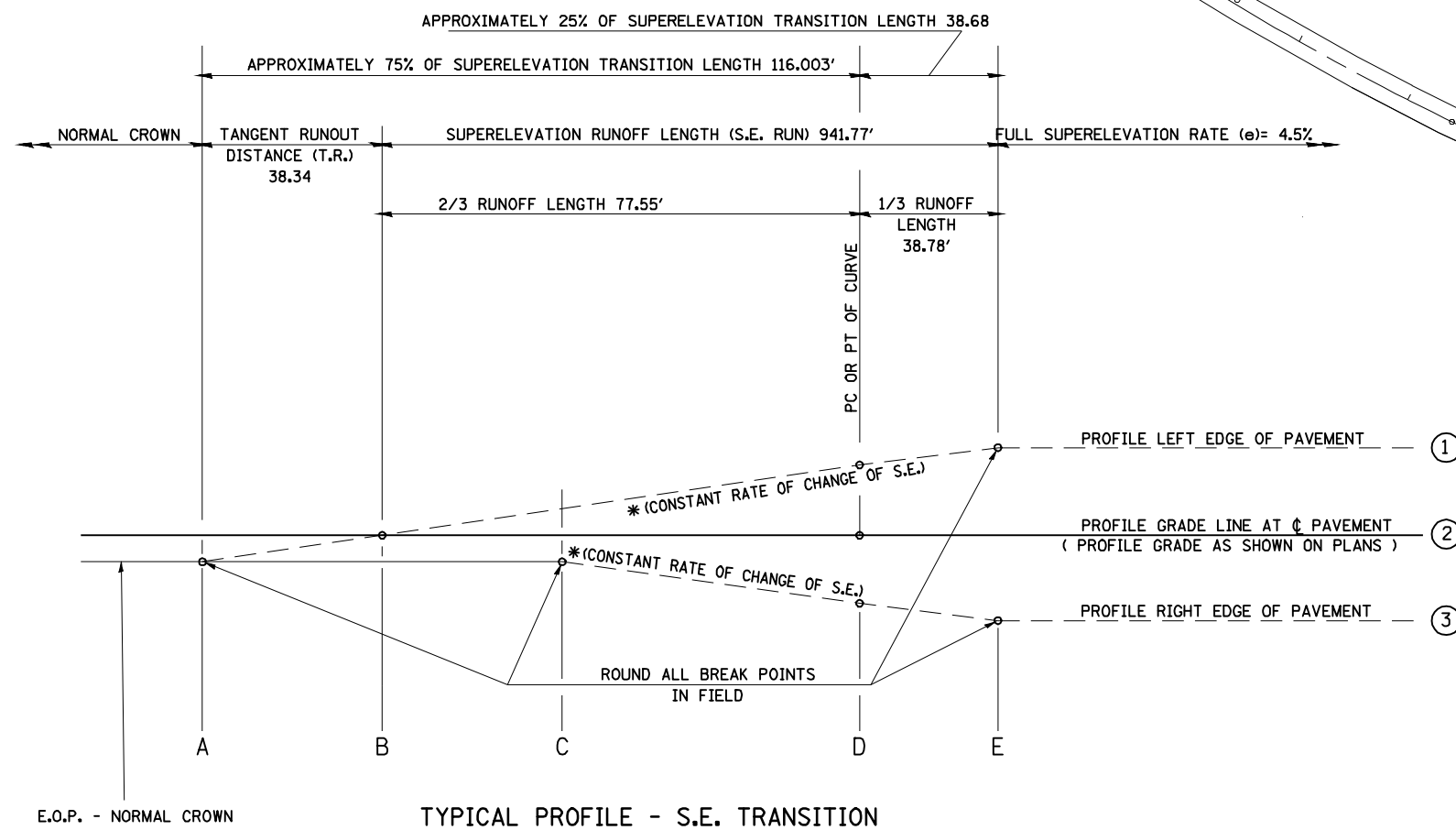
ENTRANCE AND SIDEROAD DETAILS
FOR PROJECTS WITH MILLING

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

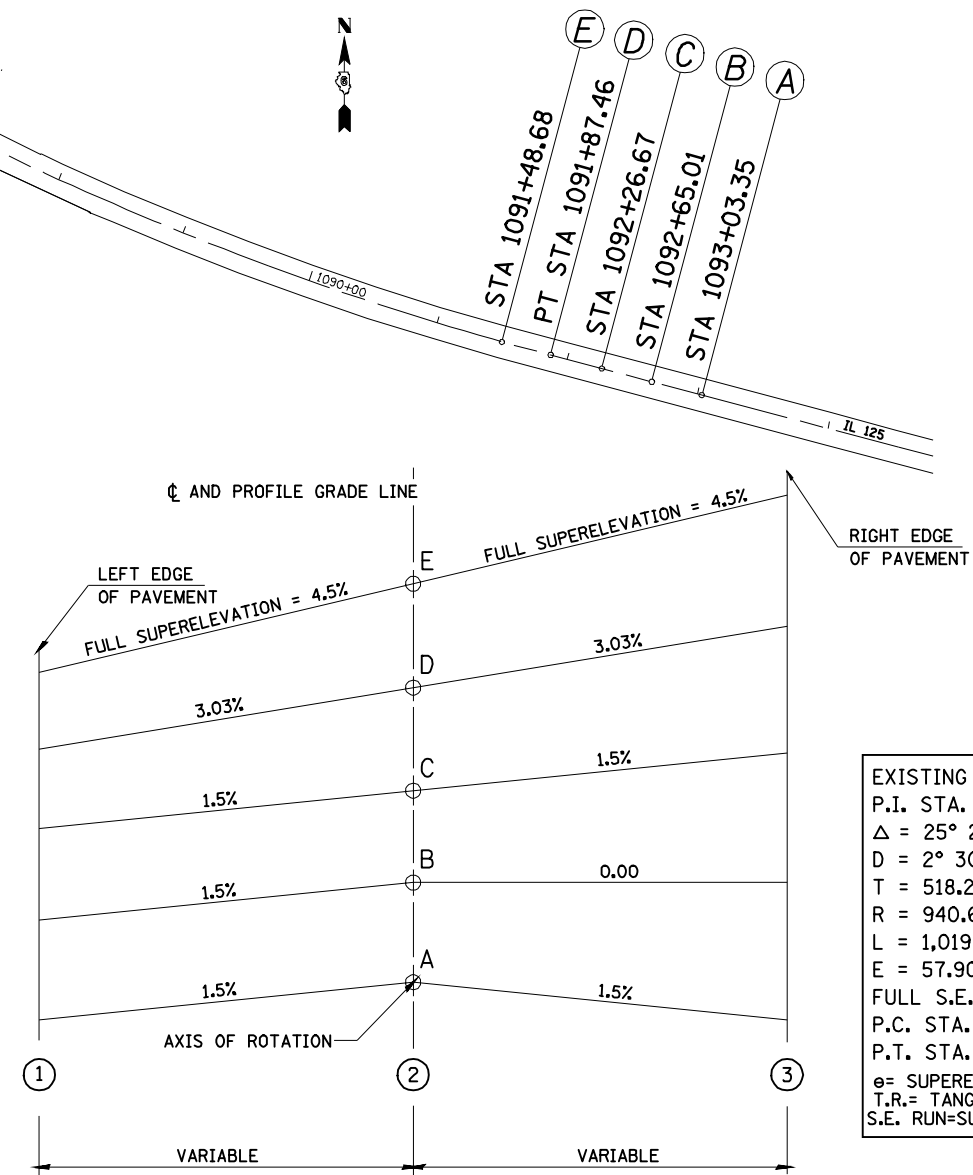
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	105(RS-6); 106(RS-4)	CASS/SANG.	88	48
CONTRACT NO. 72C49				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



EXIST. CURVE 160
 P.I. STA. = 1086+86.38
 $\Delta = 25^\circ 29' 51''$ (LT)
 $D = 2^\circ 30' 05''$
 $T = 518.25'$
 $R = 2,290.55'$
 $L = 1,019.33'$
 $E = 57.90'$
 $S.E. RUN = 941.77'$
 P.C. STA. = 1081+68.13
 P.T. STA. = 1091+87.46



CURVE NO.	e	A	B	C	D	E	TRANSITION
160	6%	1080+52.24	1080+90.58	1081+28.92	1081+68.13 (pc)	1082+06.91	Trans. In
CURVE NO.	e	E	D	C	B	A	TRANSITION
160	6%	1091+48.68	1091+87.46 (pt)	1092+26.67	1092+65.01	1093+03.35	Trans. Out



EXISTING CURVE 160
 P.I. STA. 1086+86.38
 $\Delta = 25^\circ 29' 51''$ (LT)
 $D = 2^\circ 30' 05''$
 $T = 518.25'$
 $R = 940.67'$
 $L = 1,019.33''$
 $E = 57.90'$
 FULL S.E. = 4.5%
 P.C. STA. 1081+68.13
 P.T. STA. 1091+87.46
 $e =$ SUPERELEVATION RATE IN PERCENT = 4.5%
 $T.R. =$ TANGENT RUNOUT DISTANCE = 38.34'
 $S.E. RUN =$ SUPERELEVATION RUNOFF LENGTH 941.77'

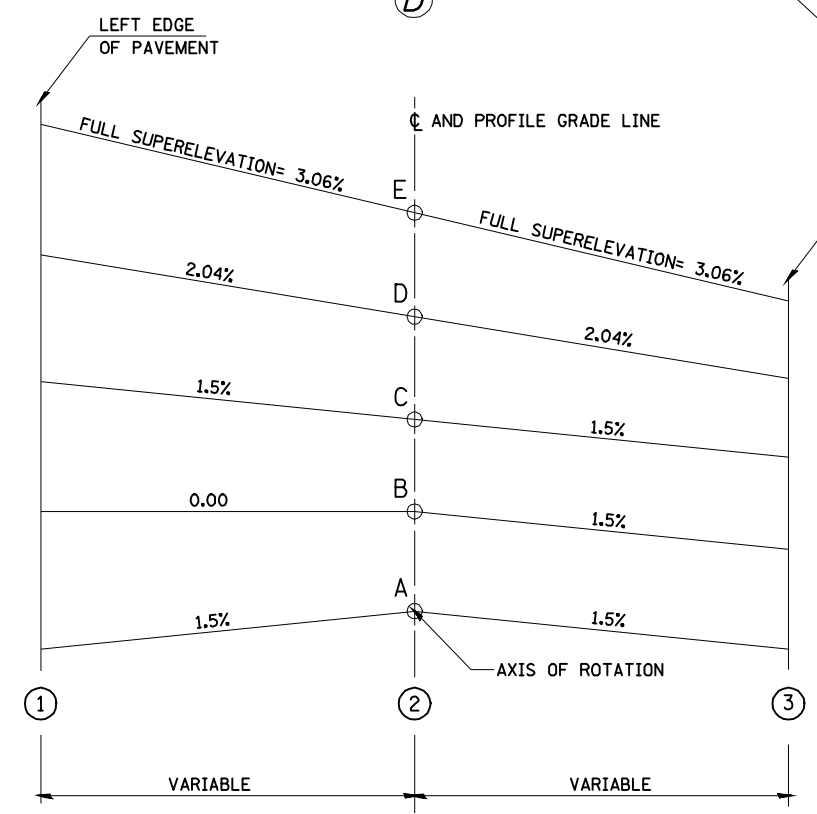
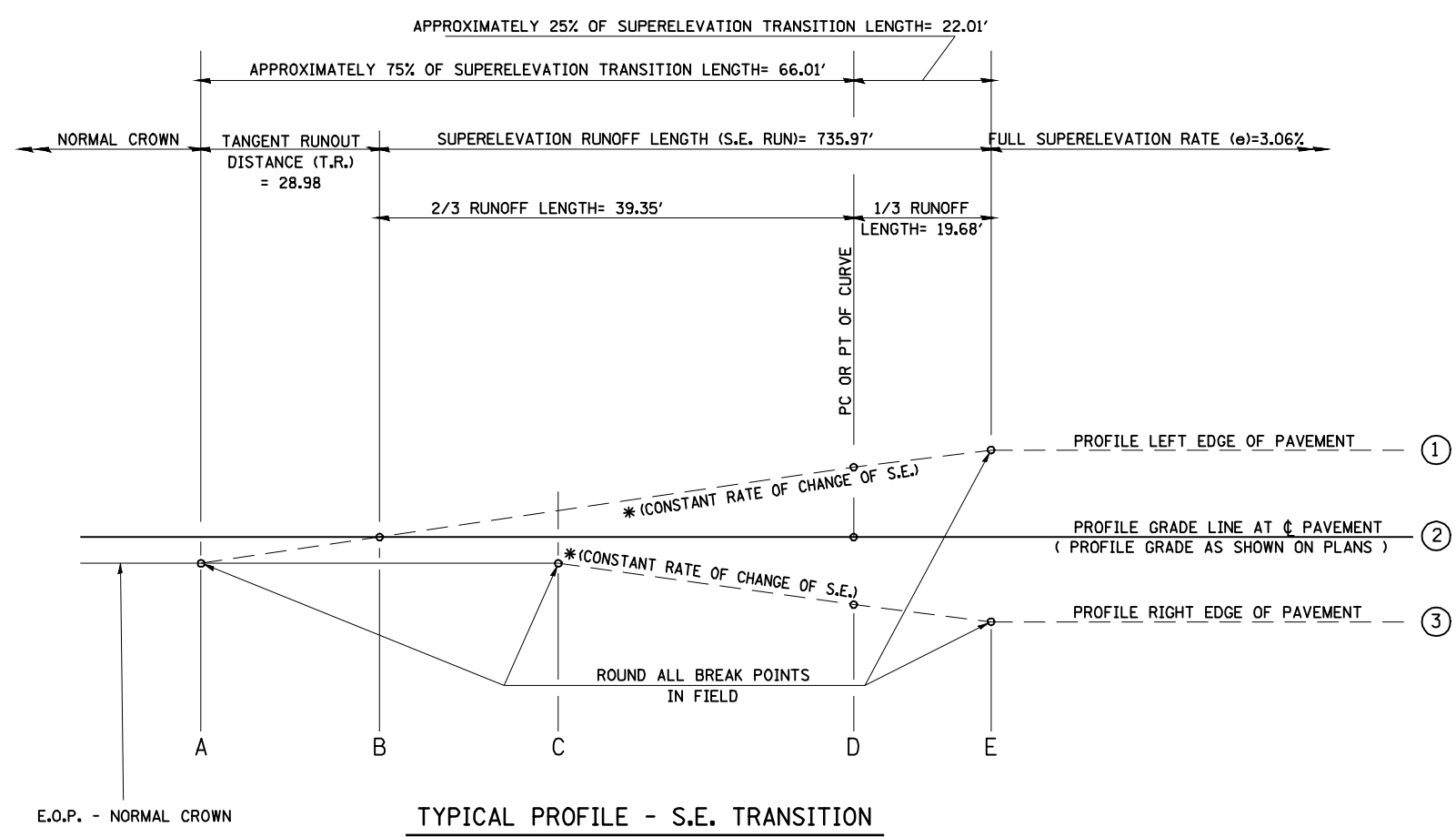
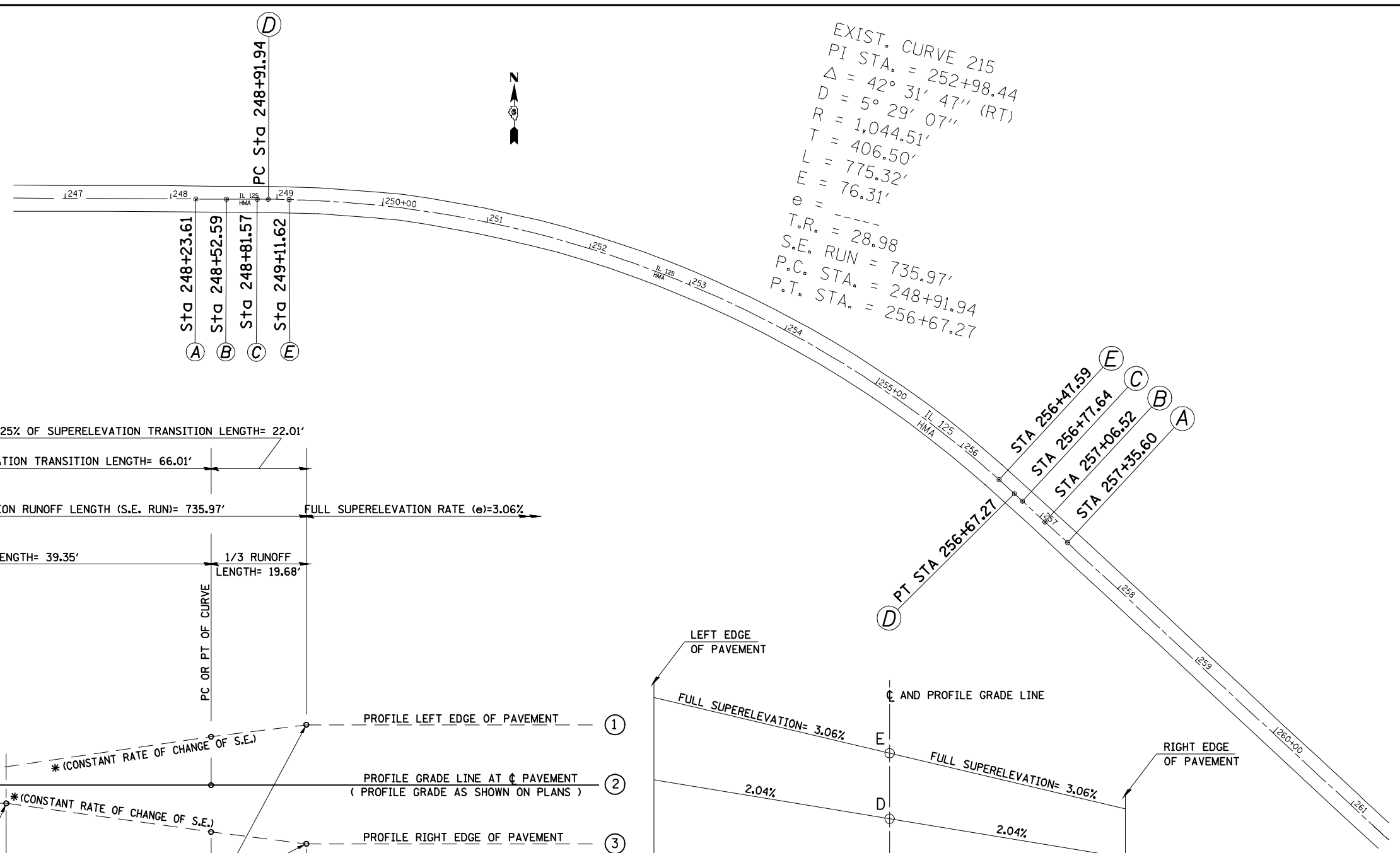
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PLOT SCALE = 48.0000' / IN.	CHECKED -	REVIS	REVISED -
PLOT DATE = Dec-18-2009 04:49:28PM	DATE - 11/19/09	REVIS	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUPERELEVATION DETAILS			
SCALE:	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	105(RS-6), 106(RS-4)	CASS/SANG.	88	49
CONTRACT NO. 72C49				
ILLINOIS FED. AID PROJECT				

EXIST. CURVE 215
 PI STA. = 252+98.44
 $\Delta = 42^\circ 31' 47''$ (RT)
 $D = 5^\circ 29' 07''$
 $R = 1,044.51'$
 $T = 406.50'$
 $L = 775.32'$
 $E = 76.31'$
 $e =$
 $T.R. = 28.98$
 $S.E. RUN = 735.97'$
 $P.C. STA. = 248+91.94$
 $P.T. STA. = 256+67.27$



EXISTING CURVE 215
 P.I. STA. 252+98.44
 $\Delta = 42^\circ 31' 47''$ (RT)
 $D = 5^\circ 29' 07''$
 $T = 406.50'$
 $R = 1,044.51'$
 $L = 775.32'$
 $E = 76.31'$
 $FULL S.E. = 3.06\%$
 $P.C. STA. 248+91.94$
 $P.T. STA. 256+67.27$
 $e = SUPERELEVATION RATE IN PERCENT = 3.06\%$
 $T.R. = TANGENT RUNOUT DISTANCE = 28.98$
 $S.E. RUN = SUPERELEVATION RUNOFF LENGTH = 735.97'$

TABLE OF SUPERELEVATION BREAK POINT LOCATIONS

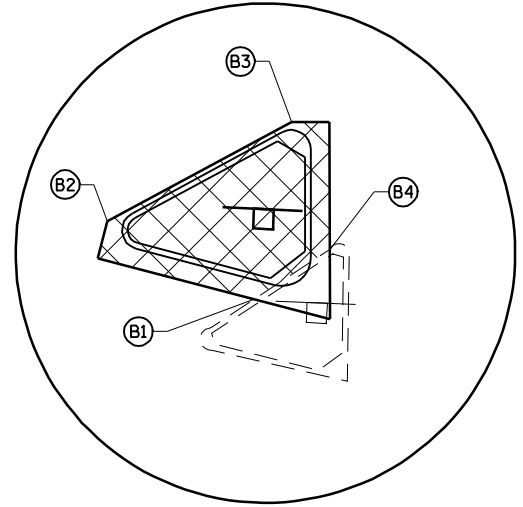
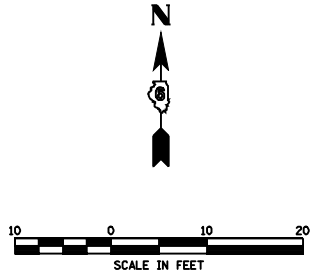
CURVE NO.	e	A	B	C	D	E	TRANSITION
215	6%	248+23.61	248+52.59	248+81.57	248+91.94 (pc)	249+11.62	Trans. In
CURVE NO.	e	E	D	C	B	A	TRANSITION
215	6%	256+47.59	256+67.27 (pt)	256+77.64	257+06.62	257+35.60	Trans. Out

LEGEND

ALL STA./OFFSETS ARE OFF OF FAP 67 (IL 125) ALIGNMENT

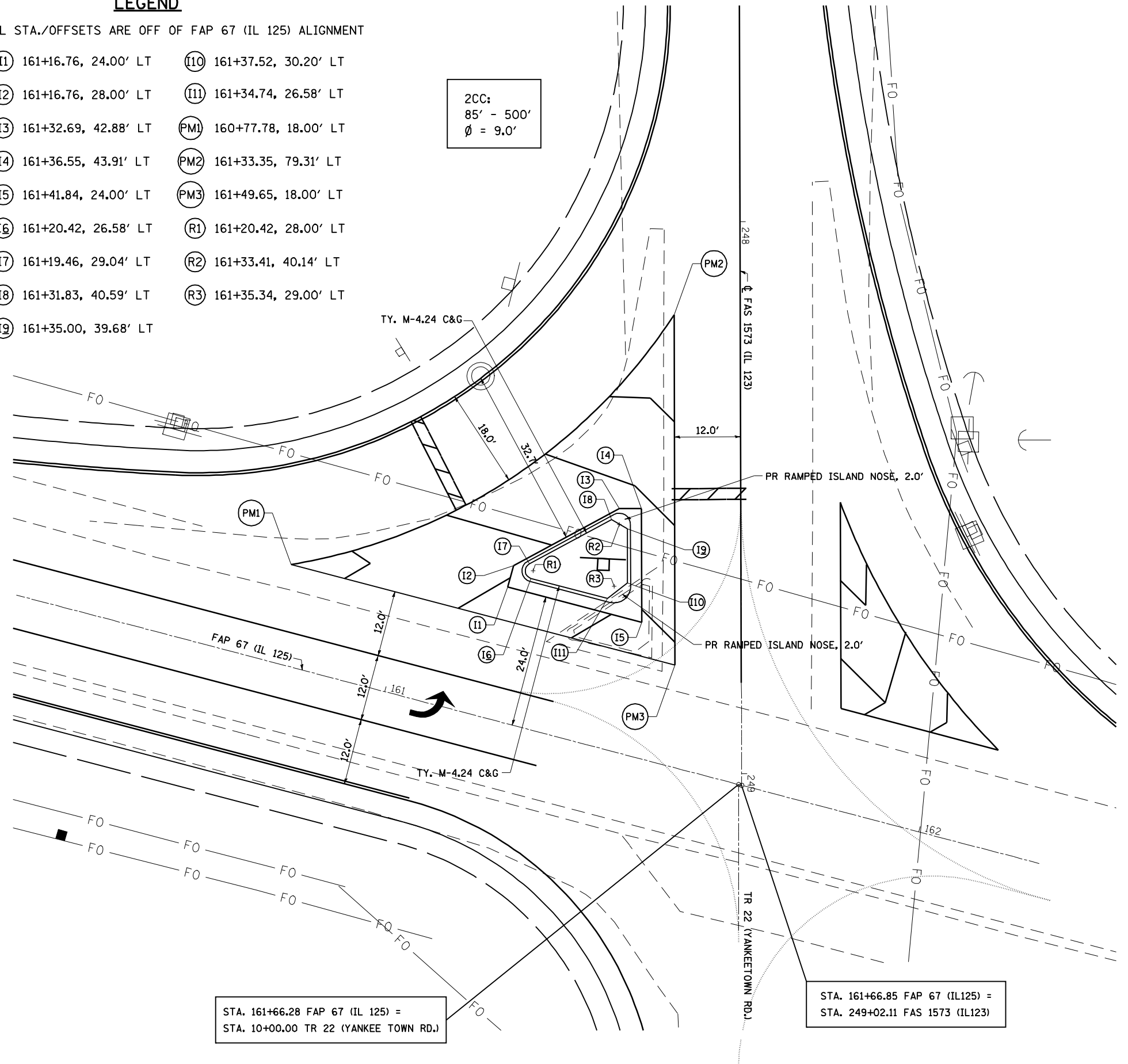
- (I1) 161+16.76, 24.00' LT (I10) 161+37.52, 30.20' LT
- (I2) 161+16.76, 28.00' LT (I11) 161+34.74, 26.58' LT
- (I3) 161+32.69, 42.88' LT (PM1) 160+77.78, 18.00' LT
- (I4) 161+36.55, 43.91' LT (PM2) 161+33.35, 79.31' LT
- (I5) 161+41.84, 24.00' LT (PM3) 161+49.65, 18.00' LT
- (I6) 161+20.42, 26.58' LT (R1) 161+20.42, 28.00' LT
- (I7) 161+19.46, 29.04' LT (R2) 161+33.41, 40.14' LT
- (I8) 161+31.83, 40.59' LT (R3) 161+35.34, 29.00' LT
- (I9) 161+35.00, 39.68' LT

2CC:
85' - 500'
Ø = 9.0'



BITUMINOUS PAVEMENT REMOVAL

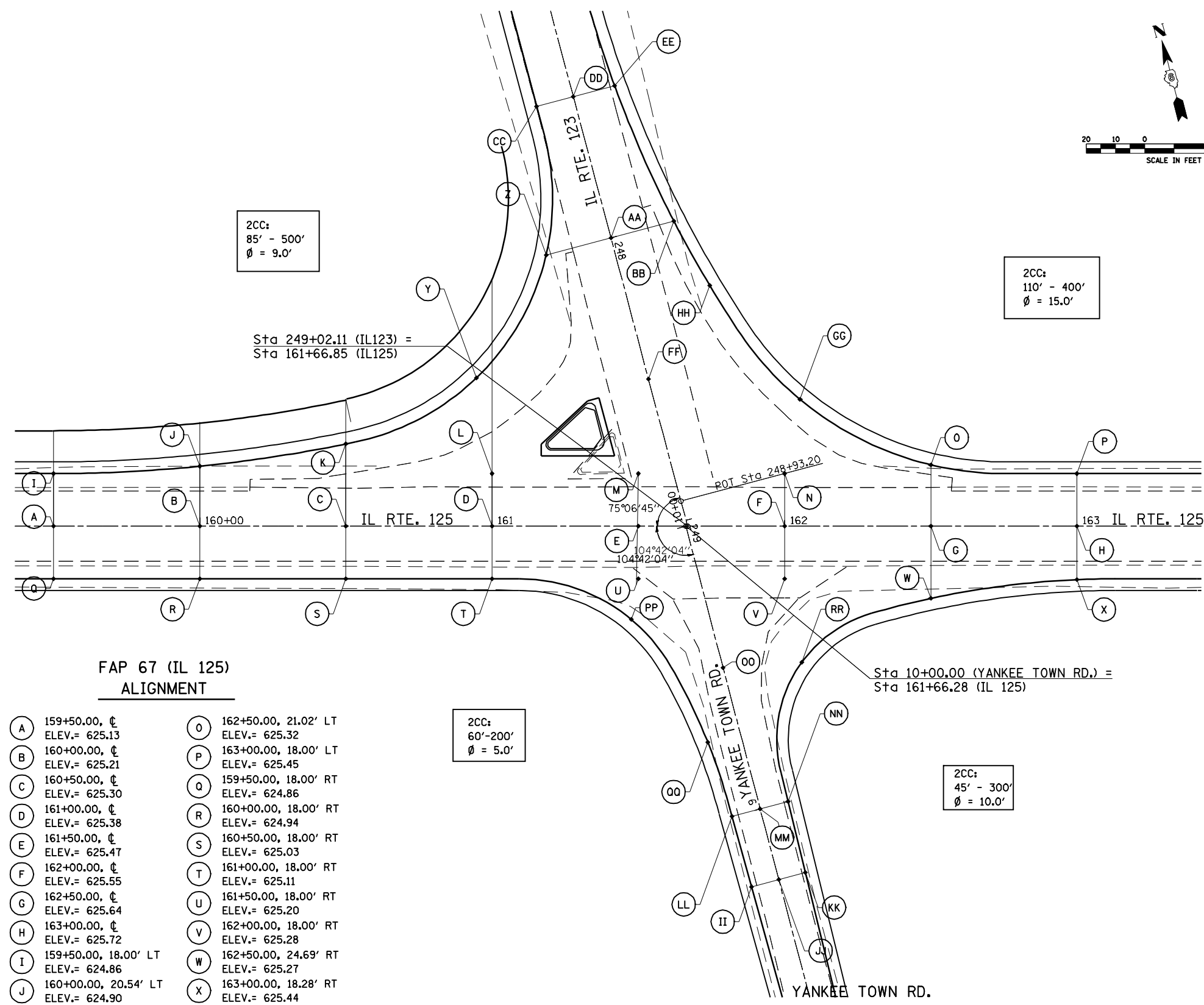
- (B1) 161+32.88, 24.00' LT (B4) 161+39.77, 31.81' LT
 - (B2) 161+16.76, 28.00' LT
 - (B3) 161+32.69, 42.88' LT
- BITUMINOUS REMOVAL
(274.82 SQ FT)



STA. 161+66.28 FAP 67 (IL 125) =
STA. 10+00.00 TR 22 (YANKEE TOWN RD.)

STA. 161+66.85 FAP 67 (IL125) =
STA. 249+02.11 FAS 1573 (IL123)

FILE NAME =	USER NAME = coxte	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ISLAND DETAIL FAP 67 (IL 125) & FAS 1573 (IL 123)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
er:\pwork\PWIDOT\COXTE\dms22819\067209-ah1s1\nddetail.dgn		DRAWN -	REVISED -		67	105(RS-6) 106(RS-4)	*	88	51			
PLOT SCALE = 20.0000' / IN.		CHECKED -	REVISED -		CONTRACT NO. 72C49			ILLINOIS FED. AID PROJECT				
PLOT DATE = Dec-18-2009 04:49:39PM		DATE -	REVISED -		SCALE: 1" = 10'	SHEET NO.	OF SHEETS	STA.	TO STA.			



**FAS 1573 (IL 123)
ALIGNMENT**

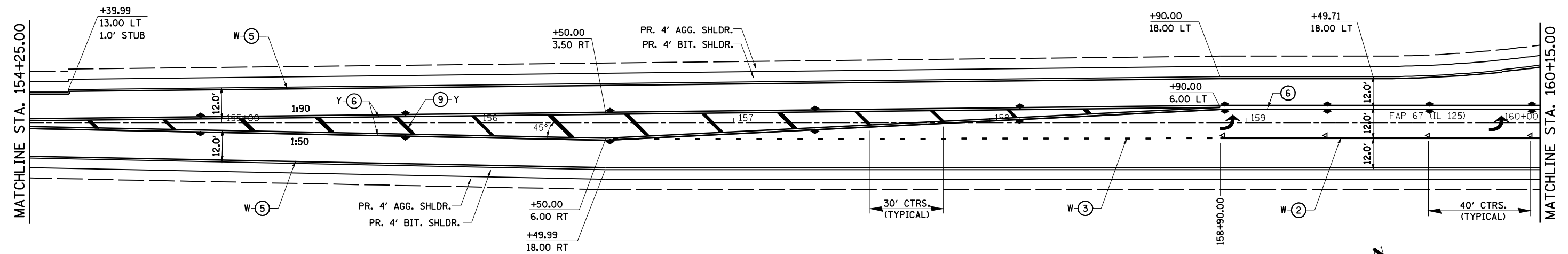
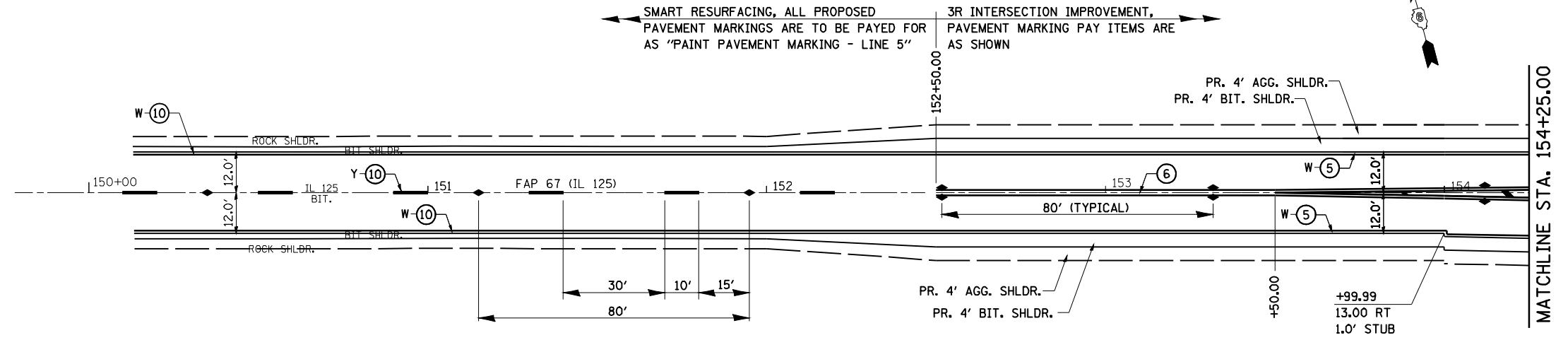
- (Z) 248+00.00, 22.91' RT
ELEV.= 625.20
- (AA) 248+00.00 ☐
ELEV.= 625.54
- (BB) 248+00.00, 22.29' LT
ELEV.= 625.21
- (CC) 247+50.00, 13.00' RT
ELEV.= 625.40
- (DD) 247+50.00, ☐
ELEV.= 625.59
- (EE) 247+50.00, 14.60' LT
ELEV.= 625.37
- (FF) 248+50.00, ☐
ELEV.= 625.34
- (HH) 248+24.45, 28.47' LT
ELEV.= 625.24

**FAP 67 (IL 125)
ALIGNMENT**

- (A) 159+50.00, ☐
ELEV.= 625.13
- (B) 160+00.00, ☐
ELEV.= 625.21
- (C) 160+50.00, ☐
ELEV.= 625.30
- (D) 161+00.00, ☐
ELEV.= 625.38
- (E) 161+50.00, ☐
ELEV.= 625.47
- (F) 162+00.00, ☐
ELEV.= 625.55
- (G) 162+50.00, ☐
ELEV.= 625.64
- (H) 163+00.00, ☐
ELEV.= 625.72
- (I) 159+50.00, 18.00' LT
ELEV.= 624.86
- (J) 160+00.00, 20.54' LT
ELEV.= 624.90
- (K) 160+50.00, 28.16' LT
ELEV.= 624.87
- (L) 161+00.00, 18.00' LT
ELEV.= 625.11
- (M) 161+50.00, 18.00' LT
ELEV.= 625.20
- (N) 162+00.00, 18.00' LT
ELEV.= 625.28
- (O) 162+50.00, 21.02' LT
ELEV.= 625.32
- (P) 163+00.00, 18.00' LT
ELEV.= 625.45
- (Q) 159+50.00, 18.00' RT
ELEV.= 624.86
- (R) 160+00.00, 18.00' RT
ELEV.= 624.94
- (S) 160+50.00, 18.00' RT
ELEV.= 625.03
- (T) 161+00.00, 18.00' RT
ELEV.= 625.11
- (U) 161+50.00, 18.00' RT
ELEV.= 625.20
- (V) 162+00.00, 18.00' RT
ELEV.= 625.28
- (W) 162+50.00, 24.69' RT
ELEV.= 625.27
- (X) 163+00.00, 18.28' RT
ELEV.= 625.44
- (Y) 160+94.61, 50.75' LT
ELEV.= 625.04
- (GG) 162+05.29, 43.41' LT
ELEV.= 625.28
- (PP) 161+47.57, 31.87' RT
ELEV.= 624.92

**TR 22 (YANKEETOWN RD.)
ALIGNMENT**

- (II) 8+75.00, 9.60' LT.
ELEV.= 624.35
- (JJ) 8+75.00, ☐
ELEV.= 624.49
- (KK) 8+75.00, 9.43' RT
ELEV.= 624.35
- (LL) 9+00.00, 9.97' LT
ELEV.= 624.30
- (MM) 9+00.00, ☐
ELEV.= 624.45
- (NN) 9+00.00, 9.84' RT
ELEV.= 624.30
- (OO) 9+50.00, ☐
ELEV.= 624.69
- (QQ) 9+26.63, 11.53' LT
ELEV.= 624.31
- (RR) 9+44.95, 26.54' RT
ELEV.= 624.15



PAVEMENT MARKING LEGEND

- ① PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 5"
- ② PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 6"
- ③ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 6" (6' SKIP- 2' DASH)
- ④ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 24"
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW LINES @ 13" CENTERS)
- ⑦ NOT USED
- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (30' CENTERS)
- ⑩ PAINT PAVEMENT MARKING - LINE 5"
- ↖ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LETTERS AND SYMBOLS (WHITE)
- ▷ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY CRYSTAL)
- ▷ RAISED REFLECTIVE PAVEMENT MARKER (ONE -WAY AMBER)
- ◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO -WAY AMBER)
- ⊗ W PAVEMENT MARKING, WHITE
- ⊗ Y PAVEMENT MARKING, YELLOW

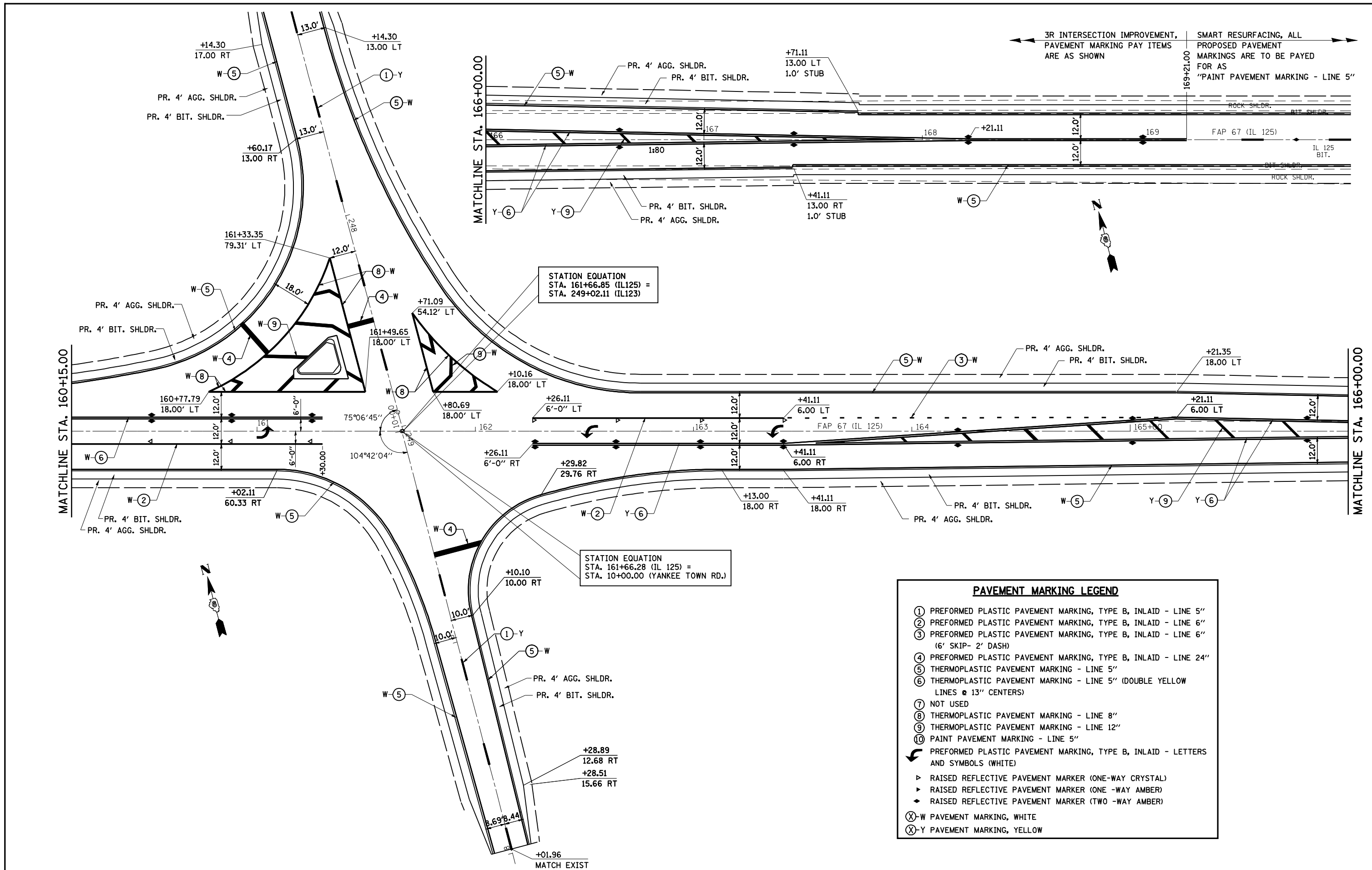
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAILS

SCALE: SHEET NO. 1 OF 2 SHEETS STA. 152+50 TO STA. 169+21

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	105(RS-6); 106(RS-4)	SANGAMON	88	53
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



← 3R INTERSECTION IMPROVEMENT, PAVEMENT MARKING PAY ITEMS ARE AS SHOWN →
 → SMART RESURFACING, ALL PROPOSED PAVEMENT MARKINGS ARE TO BE PAID FOR AS "PAINT PAVEMENT MARKING - LINE 5" →

STATION EQUATION
 STA. 161+66.85 (IL125) =
 STA. 249+02.11 (IL123)

STATION EQUATION
 STA. 161+66.28 (IL 125) =
 STA. 10+00.00 (YANKEE TOWN RD.)

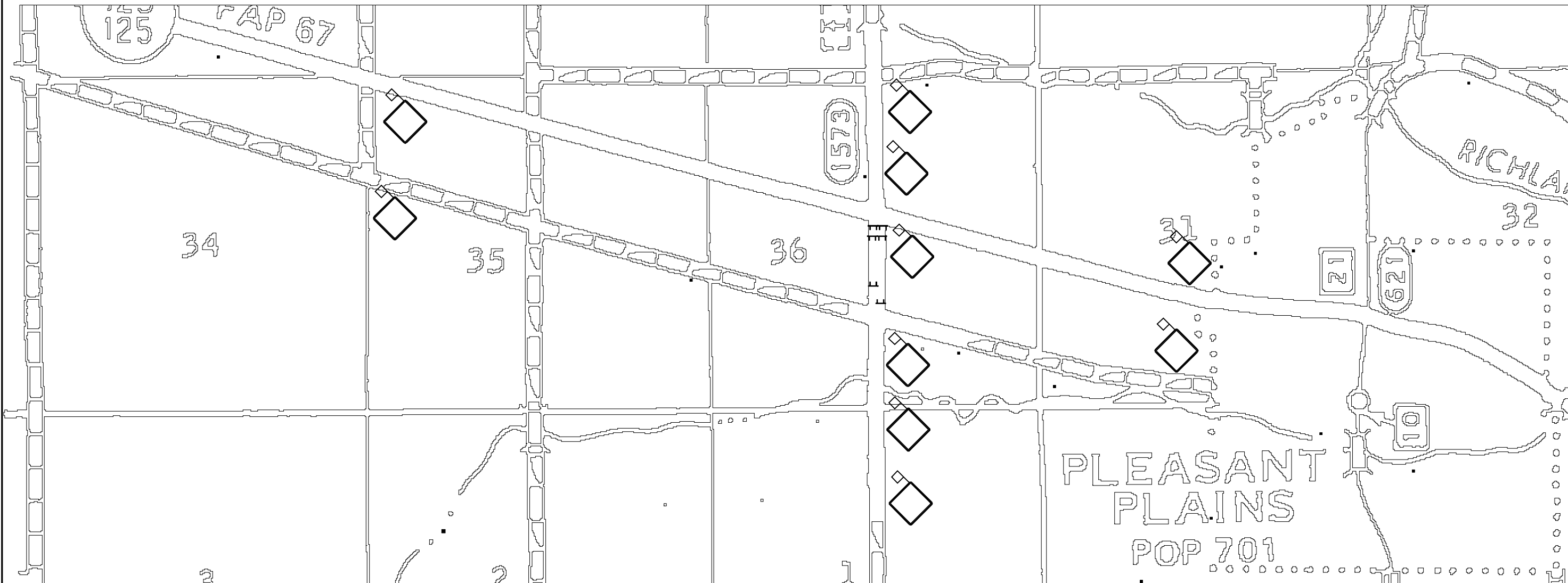
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②	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 6"
③	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 6" (6' SKIP- 2' DASH)
④	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 24"
⑤	THERMOPLASTIC PAVEMENT MARKING - LINE 5"
⑥	THERMOPLASTIC PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW LINES @ 13" CENTERS)
⑦	NOT USED
⑧	THERMOPLASTIC PAVEMENT MARKING - LINE 8"
⑨	THERMOPLASTIC PAVEMENT MARKING - LINE 12"
⑩	PAINT PAVEMENT MARKING - LINE 5"
↶	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LETTERS AND SYMBOLS (WHITE)
▷	RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY CRYSTAL)
▶	RAISED REFLECTIVE PAVEMENT MARKER (ONE -WAY AMBER)
◆	RAISED REFLECTIVE PAVEMENT MARKER (TWO -WAY AMBER)
⊗-W	PAVEMENT MARKING, WHITE
⊗-Y	PAVEMENT MARKING, YELLOW

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

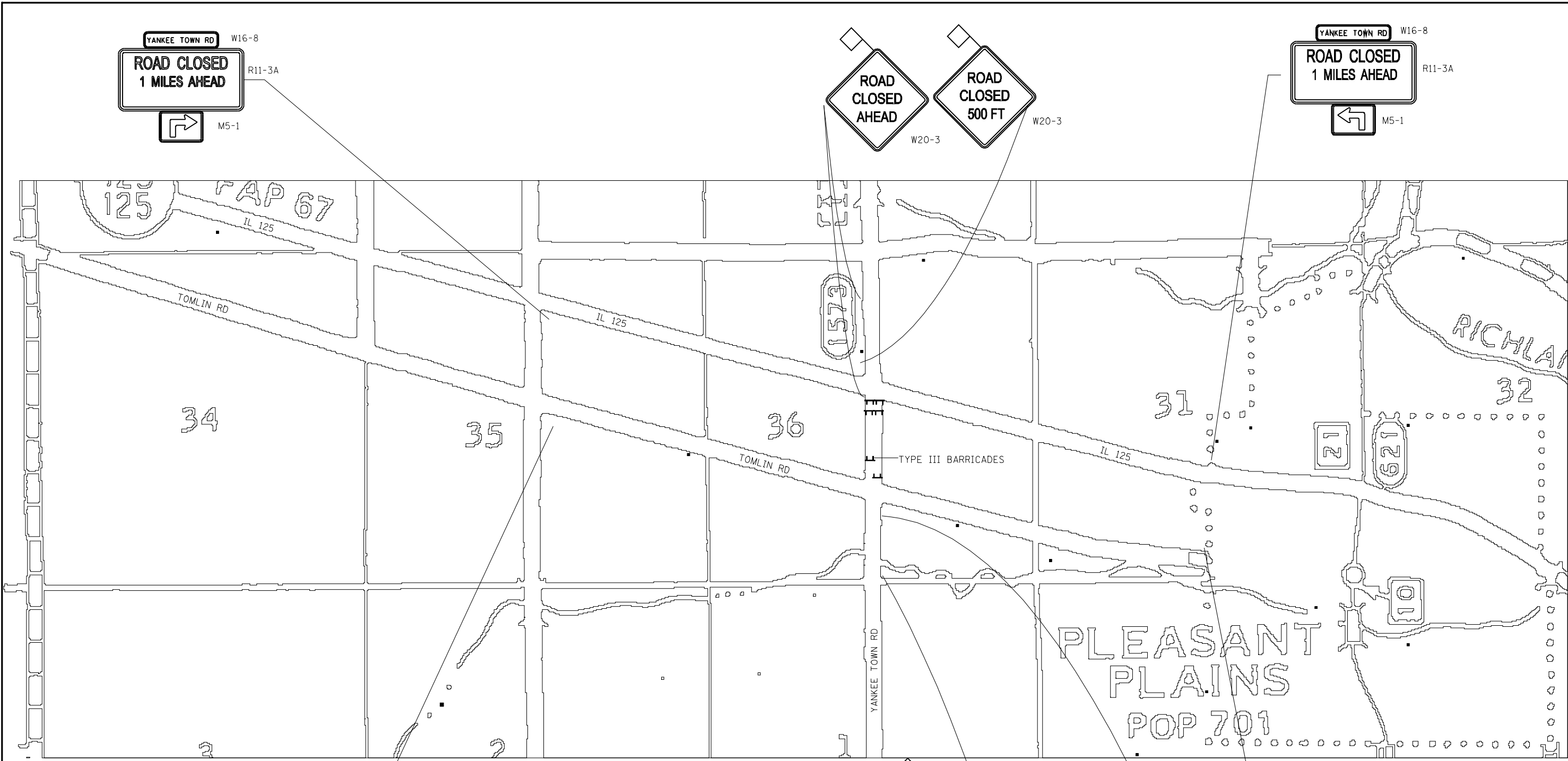
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

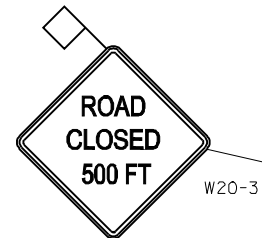
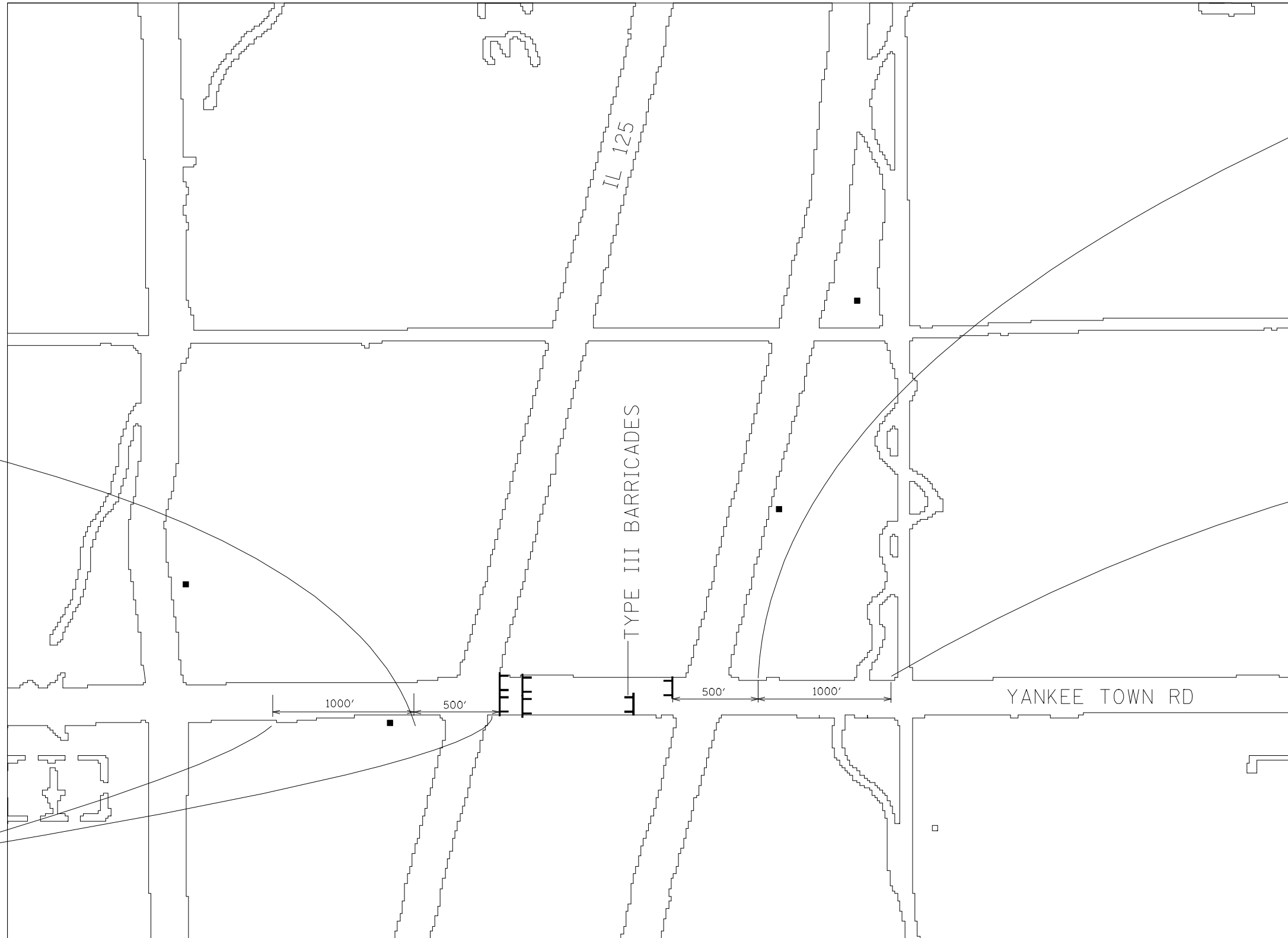


GENERAL LOCATION OF TRAFFIC SIGNS

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		DATE -	REVISED -		ILLINOIS FED. AID PROJECT • CASS, SANGAMON								



FILE NAME =	USER NAME = coxte	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROAD CLOSURE DETAILS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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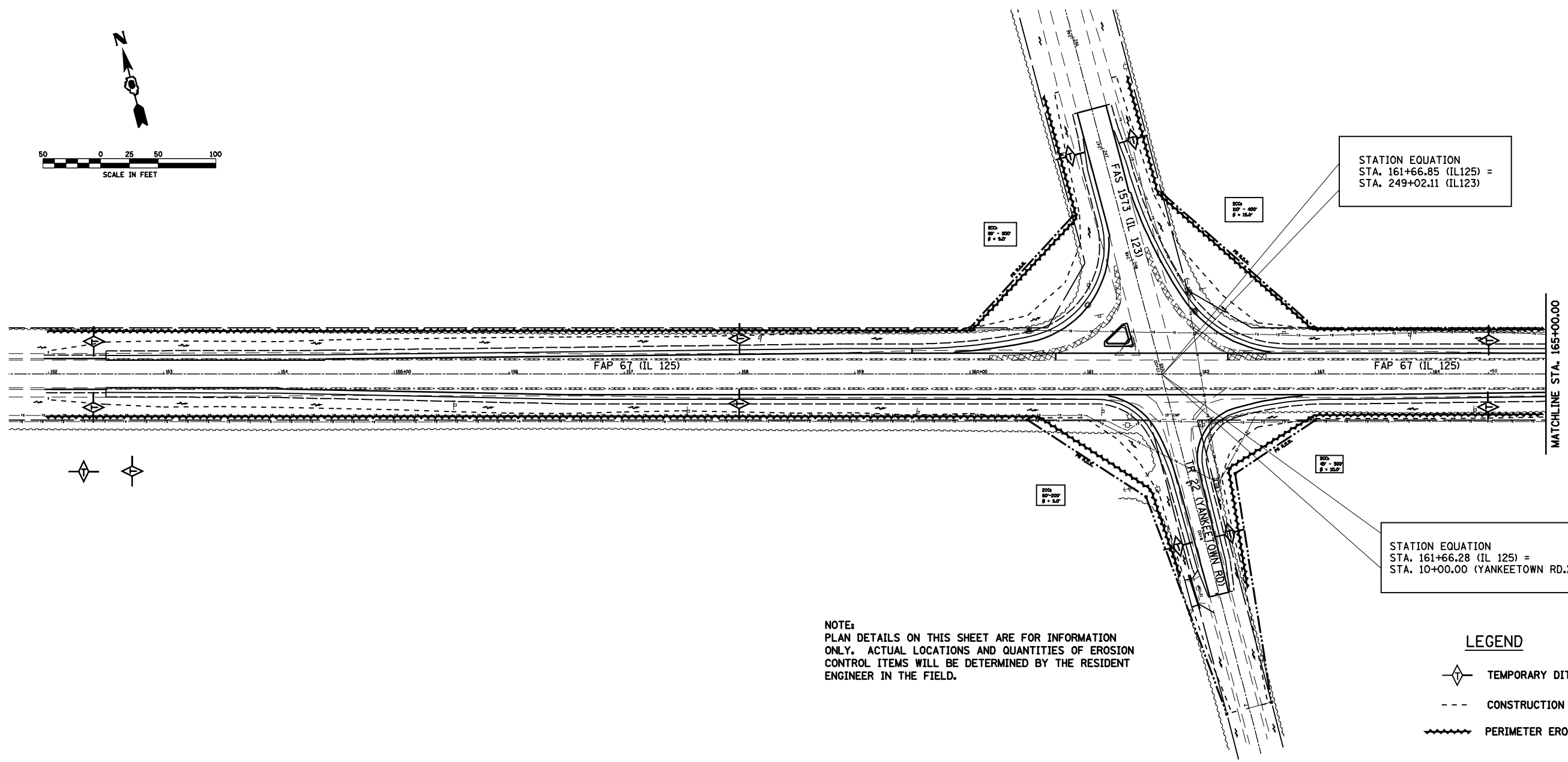
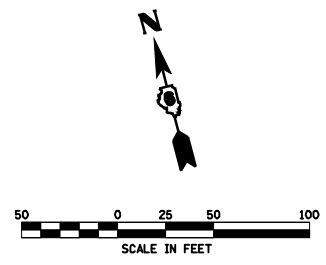
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROAD CLOSURE DETAILS




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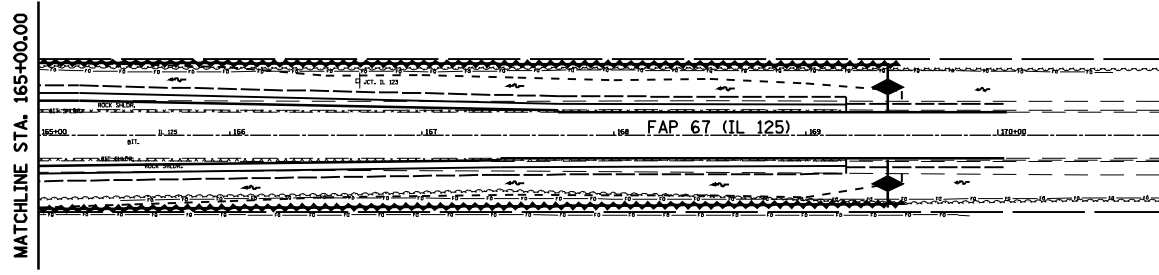
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CONTRACT NO. 72C49			ILLINOIS FED. AID PROJECT	






NOTE:
 PLAN DETAILS ON THIS SHEET ARE FOR INFORMATION ONLY. ACTUAL LOCATIONS AND QUANTITIES OF EROSION CONTROL ITEMS WILL BE DETERMINED BY THE RESIDENT ENGINEER IN THE FIELD.

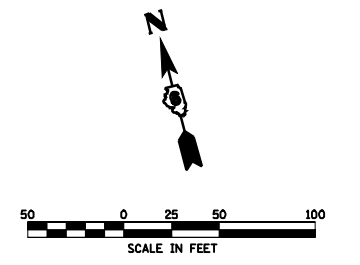
LEGEND

-  TEMPORARY DITCH CHECK
-  CONSTRUCTION LIMITS
-  PERIMETER EROSION BARRIER



LEGEND

-  TEMPORARY DITCH CHECK
-  CONSTRUCTION LIMITS
-  PERIMETER EROSION BARRIER



FILE NAME =	USER NAME = coxte	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STORM WATER POLLUTION PREVENTION PLAN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
er:\pwork\work\PWIDOT\COXTE\dms22819\0672049-ahs-awppp.dgn		DRAWN -	REVISED -		SCALE: 1" = 50'	SHEET NO. 1 OF 5 SHEETS	STA.	TO STA.	67	105(RS-6) 106(RS-4)	*	88	58
		CHECKED -	REVISED -						CONTRACT NO. 72C49				
		DATE -	REVISED -						ILLINOIS FED. AID PROJECT				

STORM WATER POLLUTION PREVENTION PLAN

Route: FAP 67 Marked: IL RTE. 125
 Section: 105(RS-6); 106(RS-4) Project No.:
 County: SANGAMON Contract No.: 72C49

This plan has been prepared to comply with the provision of the NPDES Permit Number ILR10 issued by the Illinois Environmental Protection Agency for storm water discharges from construction site activities.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Reg 2 Dms (Signature) 12-16-09 (Date)
Regina Y Engineer (Title)

Note: The above boxed in area will be filled out by IDOT - Construction after the award of the contract to obtain the required NPDES permit.

The following plan was established and included in these plans to direct the Contractor in the placement of temporary erosion control systems and to provide a storm water pollution prevention plan for compliance under NPDES. The Contractor shall abide to all requirements within this plan as part of the contract.

The purpose of this plan is to prevent / minimize siltation within the construction zone and to eliminate sediments from entering and leaving the construction zone by utilizing proper temporary erosion control systems and providing ground cover within a reasonable time.

Certain items, as shown in this plan and referenced by the legend, shall be placed by the Contractor at the beginning of construction. Other items shall be placed by the Contractor as directed by the Engineer on a case by case situation resulting from the Contractor's sequence of activities, time of the year, and expected weather conditions.

The Contractor shall place permanent erosion control systems and seeding within a reasonable amount of time; therefore, reducing the amount of area being open to the possibility of erosion and reducing the amount of temporary erosion control systems and temporary seeding. The Resident Engineer will determine if temporary erosion control systems shown in the plan can be deleted, the size of the proposed ditch checks, the proper method of installation, and if any additional temporary erosion control systems shall be added which are not included in this plan. The Contractor shall perform all work as directed by the Engineer and as shown in special details and in Standard 280001 of the plans.

The special provisions Temporary Seeding, Temporary Erosion Control Seeding, and Temporary Erosion Control additionally supplement this plan.

All disturbed areas having high potential for erosion, as determined by the Engineer, shall be temporarily seeded or permanently seeded by October 1st of each construction year and shall not be reopened until after the winter shutdown period.

SITE DESCRIPTION

Description of Construction Activity:

1. The proposed project consists of an intersection improvement at FAP 67 (IL 125) and IL 123, just west of Pleasant Plains, in Sangamon County. The improvement proposed includes the construction of left turn lanes at the intersection along FAP 67 (IL 125), excavating and grading roadside ditches, sub-base and base course construction, HMA resurfacing, HMA shoulders, aggregate shoulders, striping, and other associated work to complete the improvements for the proposed project.
2. Construction consists of grading, constructing bridges / culverts, HMA pavement, widening, HMA resurfacing, placing aggregate shoulders and other miscellaneous work to complete improvements to the proposed roadways.

Description of Intended Sequence of Major Construction Activities Which Will Disturb Earth and Lead to Possible Erosion for Major Portions of the Construction Site:

1. Excavation will be completed along the entire length of intersection improvement to grade out for the proposed roadway ditches.
2. Excavation will also be completed in proposed cut sections to lower the existing ground elevation to meet the proposed roadway grade/vertical alignment.
3. Embankment will be completed in fill areas to raise the existing ground elevation to meet the proposed roadway foreslope and backslope.
4. Placement, maintenance, removal and proper clean-up of temporary erosion control, such as erosion control fence, hay or straw bale ditch checks, riprap ditch checks, sediment basins, temporary seeding, etc.
5. Placement of permanent seeding.
6. Final grading, paving and other miscellaneous items.

Area of Construction Site:

The total disturbed area due to the proposed construction activities (excavating, grading, etc.) at the site is estimated to be 2.4 acres.

Other Reports, Studies and Plans which Aid in the Development of this Storm Water Pollution Prevention Plan as Referenced Documents:

1. Estimated run-off coefficients are contained in the project drainage study which were utilized for proposed placement of the temporary erosion control systems.
2. Information on the soils within the site was obtained from field reviews which were utilized for proposed placement of the temporary erosion control systems.
3. Site maps indicating drainage patterns and approximate slopes were contained in the project design report, USGS drainage maps, project drainage study, and project plan documents were all utilized for proposed placement of the temporary erosion control systems.

Drainage Tributaries Receiving Water from this Construction Site:

Minor tributaries to Richland Creek.

FILE NAME =	USER NAME = slegiert	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STORM WATER POLLUTION PREVENTION PLAN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = Dec-15-2009 10:23:03AM		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							
					SCALE:	SHEET NO. 2	OF 5	SHEETS	STA.	TO STA.	* CASS, SANGAMON	

CONTROLS - EROSION CONTROLS AND SEDIMENT CONTROLS

Description of Stabilization Practices at the Beginning of Construction:

1. The area between the existing and proposed right-of-way/temporary easement boundaries and limits of the project will be improved and managed for the purposes of controlling erosion within the area, reducing water flow by temporary diversion and minimizing siltation into the construction zone, and establishing vegetative cover which will become permanent vegetation and act as an erosion barrier. Work at the beginning of construction will consist of the following:
 - (a) Areas of existing vegetation (woods and grasslands) outside the proposed construction slope limits shall be identified for preserving and shall be protected from mowing, brush cutting, tree removal and other activities which would be detrimental to their maintenance and development.
 - (b) Dead, diseased, or unsuitable vegetation within the site shall be removed as directed by the Engineer, along with required tree removal.
 - (c) As soon as reasonable access is available (such as trees cleared) to all locations where water drains away from the project, sediment basins, riprap ditch checks, temporary ditch checks, and/or erosion control fence shall be installed as called out in this plan and directed by the Engineer.
 - (d) Bare and sparsely vegetated ground in highly erodible areas as determined by the Engineer shall be temporarily seeded at the beginning of construction where no construction activities are immediately expected as stated in the special provision "Temporary Erosion Control Seeding".
 - (e) Immediately after tree removal is completed in certain areas which are highly erodible areas as determined by the Engineer, the areas shall be temporarily seeded where no construction activities are immediately expected as stated in the special provision "Temporary Erosion Control Seeding".
 - (f) At locations where a significant amount of water drains into the construction zone from outside areas (adjacent landowners), erosion control fence, temporary ditch checks, or riprap ditch checks will be utilized to locally divert water, reduce flow rates, and collect outside siltation inside the right-of-way line. Erosion control items will not be allowed to be installed to cause flooding to upstream private property which could cause crop damages or other undesirable conditions.
2. Establishment of these temporary erosion control measures will have additional benefits to the project. Desirable grass seed will become established in these areas and will spread seeds onto the construction site until permanent seeding/mowing and overseeding can be complete.
3. A third benefit of these filter areas is that they will begin to provide a screen and buffer. They will help protect the construction site from winds and excess sun and mitigate construction noise and dust.

Description of Stabilization Practices During Construction:

1. During roadway construction, areas outside the construction slope limits as outlined previous herein shall be protected from damaging effects of construction. The Contractor shall not use this area for staging (except as designated on the plans or directed by the Engineer), parking of vehicles or construction equipment, storage of materials, or other construction related activities.
 - (a) Within the construction zone, critical areas which have high flows of water as determined by the Engineer shall remain undisturbed until full scale construction is underway to prevent unnecessary soil erosion.
 - (b) Top soil and earth stockpiles shall be temporarily seeded if they are to remain unused for more than fourteen days.
 - (c) As the Contractor constructs a portion of roadway in a fill section, he/she shall follow the following steps as directed by the Engineer:
 - i. Place temporary erosion control systems at locations where water leaves and enters the construction zone
 - ii. Temporary seed highly erodible areas outside the construction slope limits
 - iii. Construct roadside ditches and provide temporary erosion control systems
 - iv. Temporary divert water around proposed culvert locations
 - v. Build necessary embankment at culvert locations and then excavate and place culvert
 - vi. Continue building up the embankment to the proposed grade while at the same time place permanent erosion control such as riprap ditch lining and conduct final shaping to the slopes
 - (d) The Contractor shall immediately follow major earth moving operations with final grading equipment. After the major earth spread operation has moved to a new location, final grading shall be completed within fourteen days. If grading is not completed within fourteen days, all major earth moving operations will be stopped, as directed by the Engineer, until disturbed areas are final graded and seeded.
 - (e) Excavated areas and embankments shall be permanently seeded when final graded. If not, they shall be temporarily seeded as stated in the special provision "Temporary Erosion Control Seeding".

- (f) Construction equipment shall be stored and fueled only at designated locations. All necessary measures shall be taken to contain any fuel or pollution run-off in compliance with EPA water quality regulations. Leaking equipment or supplies shall be immediately repaired or removed from the site.
- (g) The Resident Engineer shall inspect the project daily during activities and weekly or after large rains during the winter shutdown period. The project shall additionally be inspected by the Construction Field Engineer on a bi-weekly basis to determine that erosion control efforts are in place and effective and if other control work is necessary.
- (h) Sediment collected during construction by the various temporary erosion control systems shall be disposed of on the site on a regular basis as directed by the Engineer. The cost of this maintenance will be paid for in accordance with Article 109.04 of the Standard Specifications.
- (i) The temporary erosion control systems shall be removed as directed by the Engineer after use is no longer needed or no longer functioning. The costs of this removal shall be included in the unit bid price for the temporary erosion control system. No additional compensation will be allowed.

Description of Structural Practices After Final Grading:

1. Temporary erosion control systems shall be left in place with proper maintenance until permanent erosion control is in place and working properly and all proposed turf areas seeded and established with a proper stand.
2. Once permanent erosion control systems as proposed in the plans are functional and established, temporary items shall be removed, cleaned up, and disturbed turf reseeded. Temporary riprap ditch checks will be allowed to remain in place where approved by the Engineer.

Maintenance after Construction:

1. Construction is complete after acceptance is received at the final inspection.
2. Areas will be inspected on a regular basis by IDOT District 6 Bureau of Operations.
3. Maintenance crews will perform regular mowings to aid in keeping weeds down and establishing a good roadside seed stand.
4. Maintenance crews will also aid in any ditch lining maintenance or in any drainage problems.
5. All maintenance will be conducted at times when weather conditions will not cause site damage.

DOCUMENTATION

1. A report summarizing the scope of the inspection, name(s) and qualifications of personnel making the inspection, date(s) of the inspection, major observations relating to the implementation of this storm water pollution prevention plan, and actions taken in accordance with Section 4.b. shall be made and retained as part of the plan for at least three years after the date of inspection. The report shall be signed in accordance with part VI.G of the general permit.
2. If any violation of the provisions of this plan is identified during the conduct of the construction work covered by this plan, the Resident Engineer or Resident Technician shall complete and file an "Incident of Noncompliance (ION)" report for the identified violation. The Resident Engineer or Resident Technician shall use forms provided by the Illinois Environmental Protection Agency and shall include specific information on the noncompliance, actions which were taken to prevent any further causes of noncompliance, and a statement detailing any environmental impact which may have resulted from the noncompliance. All reports of noncompliance shall be signed by a responsible authority in accordance with Part VI.G. of the general permit. The report of noncompliance shall be mailed to the following address:

Illinois Environmental Protection Agency
 Division of Water Pollution Control
 2200 Churchill Road, P.O. Box 19276
 Springfield, IL 62794-9276
 Attn: Compliance Assurance Section

FILE NAME =	USER NAME = coxte	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STORM WATER POLLUTION PREVENTION PLAN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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		CHECKED -	REVISED -		CONTRACT NO. 72C49								
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

CONTRACTOR CERTIFICATION STATEMENT

This certification statement is part of the Storm Water Pollution Plan for the project described below in accordance with NPDES Permit No. ILR10 _____, issued by the Illinois Environmental Protection Agency on _____.

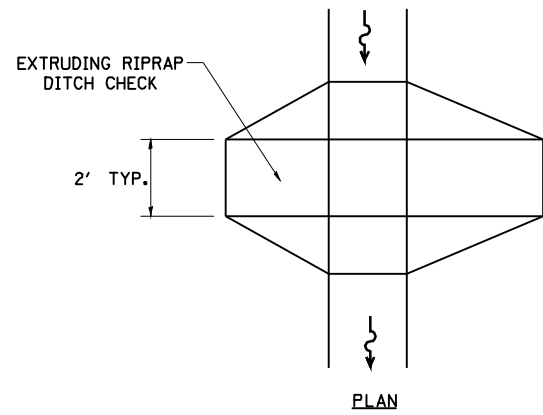
Route: _____ Marked: _____
 Section: _____ Project No.: _____
 County: _____ Contract No.: _____

I certify under penalty of law that I understand the terms of the general National Pollutant Discharge Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification.

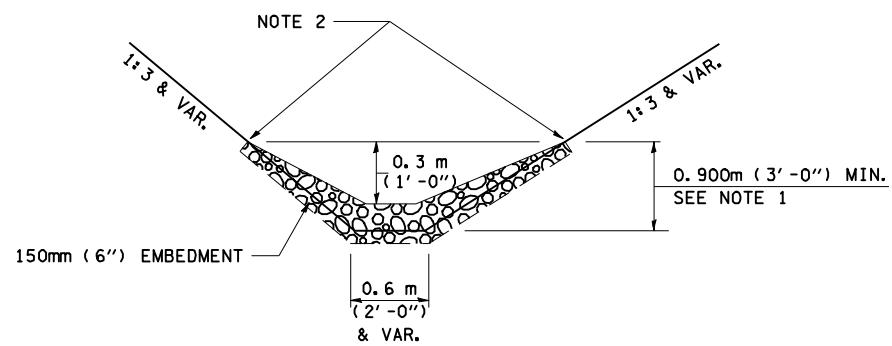
Signature _____ Date _____
 Title _____
 Name of Firm _____
 Street Address _____
 City, State, Zip _____
 Phone Number _____

Note: The above boxed in area shall be filled out by the Contractor after the award of the contract to obtain the required NPDES Permit from IEPA. This is a requirement for this contract.

FILE NAME =	USER NAME = coxte	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STORM WATER POLLUTION PREVENTION PLAN	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = Dec-18-2009 04:50:05PM	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
				SCALE:	SHEET NO. 4 OF 5 SHEETS	STA.	TO STA.			



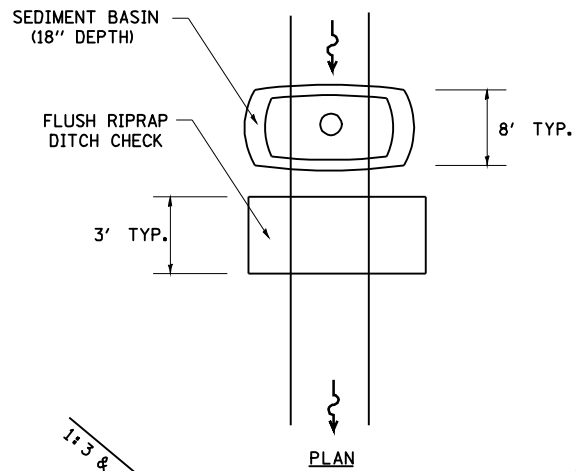
PLAN



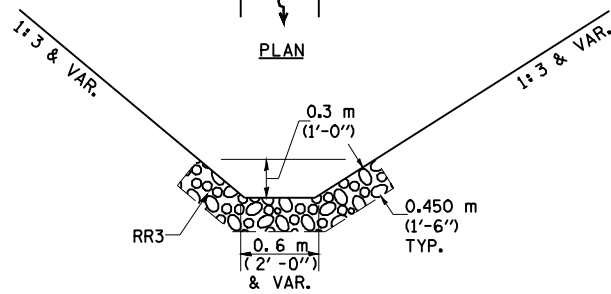
ELEVATION

OPTION 1

(EXTRUDING DITCH CHECK)
RECOMMENDED FOR AREAS
W/ RIPRAP DITCH LINING



PLAN



ELEVATION

OPTION 2

(FLUSH DITCH CHECK)
RECOMMENDED FOR AREAS
W/O RIPRAP DITCH LINING

STONE DUMPED RIPRAP DITCH CHECK
(TYPICAL & OPTIONS 1 & 2
AS DIRECTED BY THE ENGINEER)

NOTE 1: RIPRAP SHALL EXTEND FAR ENOUGH UP THE SLOPES TO ALLOW 0.3m (1') OVERTOPPING TO AVOID ERODING AROUND THE EDGES OF THE RIPRAP.

NOTE 2: ENDS SHALL BE TIED INTO SLOPES.

LEGEND FOR STORM WATER POLLUTION PREVENTION PLAN

ITEM	SYMBOL
AGGREGATE (EROSION CONTROL) [STONE DUMPED RIPRAP DITCH CHECKS: Height = 0.6m (2')]]	
TEMPORARY DITCH CHECKS	
INLET PIPE PROTECTION (I&PP)	
EROSION CONTROL FENCE	
EARTH EXCAVATION FOR EROSION CONTROL (SEDIMENT BASINS)	
PRESERVE EXISTING TREES, WOODLANDS, AND UNDERSTORY (OUTSIDE CONSTRUCTION LIMITS)	
ITEM PLACED AT BEGINNING OF CONSTRUCTION (Requirement)	
ITEM PLACED AS DIRECTED BY ENGINEER (When required by situation)	
DIRECTION OF OVERLAND FLOW	

GENERAL NOTES:

All items shall be constructed as shown on this sheet, on Standard 280001, and as directed by the Engineer.

The symbology on the STORM WATER POLLUTION PREVENTION PLAN sheets does not represent the size or quantity of bales, for number of bales refer to details and notes shown on this sheet and/or as directed by the Engineer.

THE CONTRACTOR SHALL INSTALL DITCH CHECKS AS DIRECTED BY THE ENGINEER. IF THE ENGINEER ELECTS TO UTILIZE FLUSH RIPRAP DITCH CHECKS IN LIEU OF TEMPORARY DITCH CHECKS AS SHOWN ON THE FOLLOWING PLAN SHEETS, THE SPACING SHOULD BE DOUBLED.

FILE NAME =	USER NAME = coxte	DESIGNED -	REVISED -
er\pwwork\PWIDOT\COXTE\dms22819\0672049-ahs-awppp.dgn		DRAWN -	REVISED -
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = Dec-18-2009 04:50:07PM		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STORM WATER POLLUTION
PREVENTION PLAN**

SCALE: SHEET NO. 5 OF 5 SHEETS STA. TO STA.

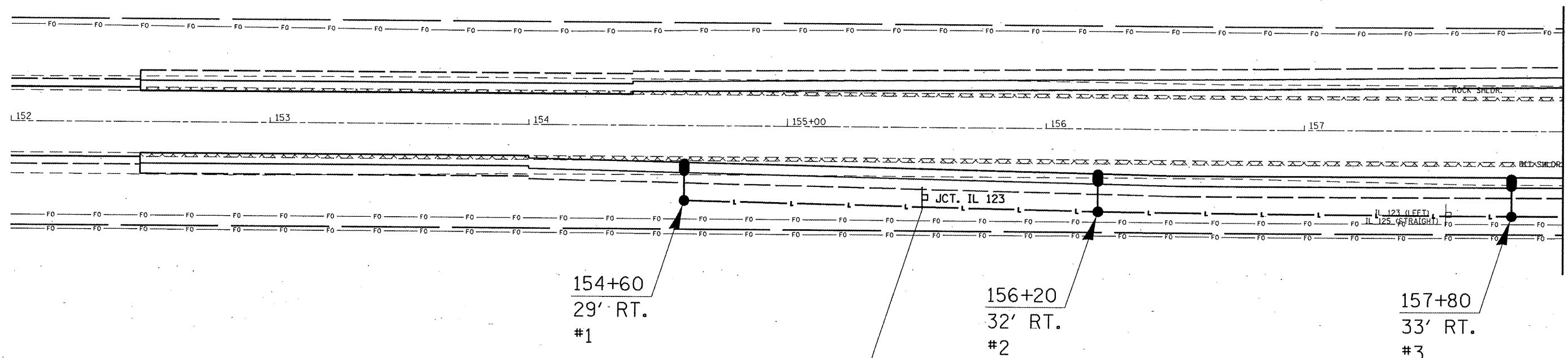
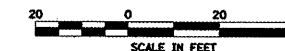
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	105(RS-6) 106(RS-4)	*	88	62
CONTRACT NO. 72C49			ILLINOIS FED. AID PROJECT	

OVERHEAD LIGHTING QUANTITIES

QUANTITIES	UNIT	ITEM
1	EACH	ELECTRIC SERVICE INSTALLATION
312	FOOT	CONDUIT PUSHED, 2" DIA., INTERMEDIATE METAL
1,595	FOOT	UNIT DUCT, 600V, 2-1C NO. 8, 1/C NO. 8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE
1,200	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
11	EACH	LUMINAIRE, SODIUM VAPOR, HORIZONTAL-MOUNT, 250 WATT
1	EACH	LIGHTING CONTROLLER PHOTOCELL RELAY
11	EACH	LIGHT POLE, ALUMINUM, 45 FT. M.H., 15 FT. DAVIT ARM
11	EACH	LIGHT POLE FOUNDATION METAL, 15" BOLT CIRCLE, 8"X6"
44	EACH	BREAKAWAY DEVICE, COUPLING, WITH STAINLESS STEEL SCREEN

FLASHING BEACON QUANTITIES

QUANTITIES	UNIT	ITEM
3	EACH	REMOVE GROUND MOUNTED SIGN SUPPORT
51.5	FOOT	TELESCOPING STEEL SIGN SUPPORT
3	EACH	RELOCATE SIGN PANEL ASSEMBLY, TYPE B
3	EACH	SOLAR POWERED FLASHING BEACON ASSEMBLY (COMPLETE)
1	EACH	REMOVE EXISTING FLASHING BEACON INSTALLATION (COMPLETE)



REMOVE EXISTING WOOD SIGN SUPPORT AND ALL EXISTING BEACON HARDWARE ABOVE GROUND. INSTALL TELESCOPING STEEL SIGN SUPPORT. RELOCATE EXISTING JCT. 123 SIGN ASSEMBLY TO STEEL SUPPORT. INSTALL SOLAR POWERED FLASHING BEACON (YELLOW).

LEGEND

- ELECTRIC SERVICE INSTALLATION, 120/240V, ONE PHASE, 4 WIRE
- ▣ PROPOSED LIGHTING CONTROLLER
- LIGHT POLE, ALUMINUM, 45 FT. M.H., 15 FT. W/ 250 W LUMINAIRE
- L — UNIT DUCT, 600V, 2-1C NO. 8, 1/C NO. 8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE
- UNIT DUCT IN CONDUIT, 600V, 2-1C NO. 8, 1/C NO. 8 GROUND, (XLP-TYPE USE) 3/4" DIA. POLYETHYLENE
- ==== CONDUIT PUSHED

FILE NAME *	USER NAME * laughlinr1	DESIGNED -	REVISED -
ca:\pwork\p1007\LAUGHLINR1\dms84394\light.dgn		DRAWN - RTS	REVISED -
		CHECKED -	REVISED -
		DATE - 12-09-09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INTERSECTION LIGHTING DETAILS

SCALE: 1" = 20' SHEET NO. 1 OF 9 SHEETS STA. 152+00.00 TO STA. 158+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	105(RS-6) 106(RS-4)	*	88	63
CONTRACT NO. 72C49				
ILLINOIS FED. AID PROJECT				

Rev.

NOTES:

1. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF THE PROPOSED LIGHTING CONTROLLER TO THE SATISFACTION OF THE ENGINEER.
2. EXISTING LIGHT POLE, FOUNDATION AND ELECTRIC SERVICE INSTALLATION TO BE REMOVED.
3. SEE SHEET 63 FOR ELECTRIC SYMBOLS LEGEND.

REMOVE EXISTING WOOD SIGN SUPPORT AND BEACON HARDWARE. INSTALL TELESCOPING STEEL SIGN SUPPORT. RELOCATE EXISTING ASSEMBLY TO STEEL SUPPORT. INSTALL SOLAR BEACON (RED)

CONDUIT PUSHED, 2" DIA. INTERMEDIATE METAL, 102'

CONDUIT PUSHED, 2" DIA. INTERMEDIATE METAL, 90'

STATION EQUATION
STA. 161+66.85 (IL125) =
STA. 249+02.11 (IL123)

STATION EQUATION
STA. 161+66.28 (IL 125) =
STA. 10+00.00 (T.R. 22)

MATCHLINE 158+00

MATCHLINE 164+00



LIGHTING CONTROLLER
POLE MOUNTED, 240V, 60A

ELECTRIC SERVICE
INSTALLATION, 1 PHASE,
120/240 V

FILE NAME *	USER NAME = coxte	DESIGNED -	REVISED -
c:\pwwork\pwidot\coxte\dms84394\sh1-1\sh1.dgn		DRAWN - RTS	REVISED -
PLOT SCALE = 40,0000' / IN.		CHECKED -	REVISED -
PLOT DATE = Dec-18-2009 04:50:11PM		DATE - 12-09-09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INTERSECTION LIGHTING DETAILS

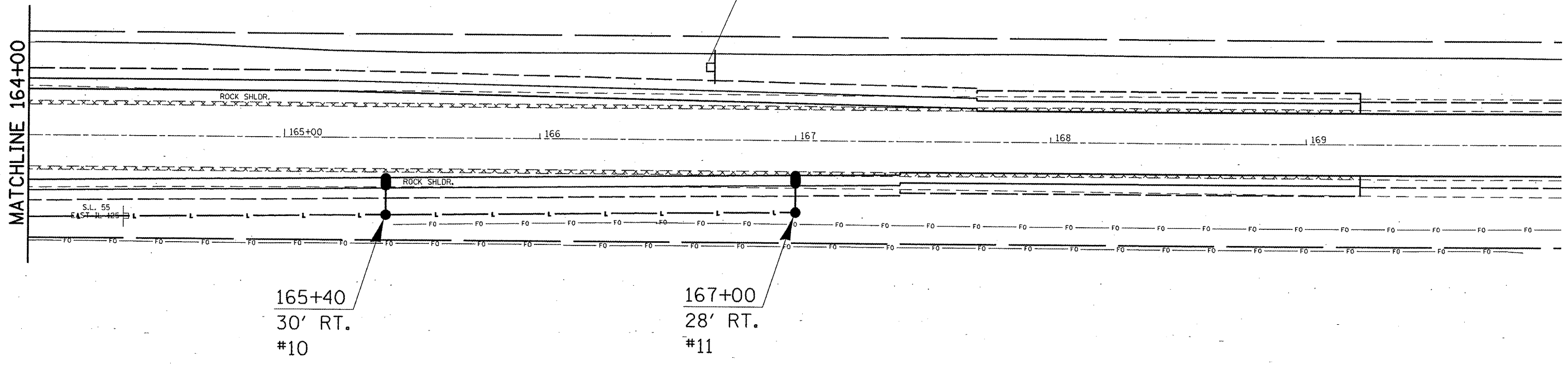
SCALE: 1" = 20' SHEET NO. 2 OF 9 SHEETS STA. 158+00 TO STA. 164+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	105(RS-6) 106(RS-4)		88	64
CONTRACT NO. 72C49				
ILLINOIS FED. AID PROJECT				

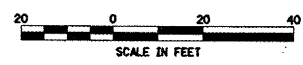
Rev.

* CASS, SANGAMON

REMOVE EXISTING WOOD SIGN SUPPORT AND ALL EXISTING BEACON HARDWARE ABOVE GROUND. INSTALL TELESCOPING STEEL SIGN SUPPORT. RELOCATE EXISTING JCT. 123 SIGN ASSEMBLY TO STEEL SUPPORT. INSTALL SOLAR POWERED FLASHING BEACON (YELLOW).



NOTE:
1. SEE SHEET 03 FOR ELECTRICAL SYMBOLS LEGEND.

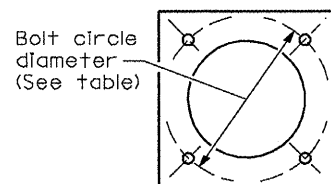


FILE NAME =	USER NAME = coorte	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION LIGHTING DETAILS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pwork\PMIDOT\COXTE\dms84394\ahh-11	ht.dgn	DRAWN - RTS	REVISED -			67	105(RS-6) 106(RS-4)	*	88	65	
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 72C49		ILLINOIS FED. AID PROJECT			
	PLOT DATE = Dec-18-2009 04:50:13PM	DATE - 12-09-09	REVISED -			SCALE: 1" = 20'	SHEET NO. 3 OF 9 SHEETS	STA. 164+00	TO STA. 170+00	* CASS, SANGAMON	

Rev.

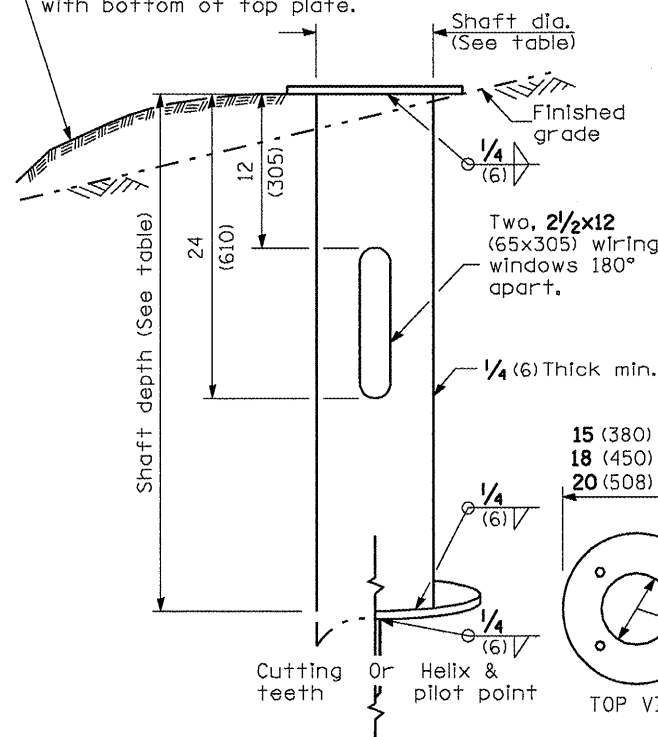
LIGHT POLE MOUNTING HEIGHT	METAL FOUNDATION				CONCRETE FOUNDATION		
	BOLT CIRCLE DIAMETER	SHAFT DIAMETER	SHAFT DEPTH	TOP PLATE (min)	SHAFT DIAMETER	SHAFT DEPTH	ANCHOR ROD LENGTH ①
< 30' (9.1 m)	11 1/2 (292)	8 7/8 (220)	6' (1.83 m)	12 x 12 x 1 (300 x 300 x 25)	24 (610)	5'-0" (1.52 m)	4'-9" (1.45 m)
31'-35' (9.4 m - 10.7 m)	11 1/2 (292)	8 7/8 (220)	6' (1.83 m)	12 x 12 x 1 (300 x 300 x 25)	24 (610)	5'-6" (1.67 m)	5'-3" (1.60 m)
36'-40' (10.9 m - 12.2 m)	15 (381)③	8 7/8 (220)	6' (1.83 m) ②	15 x 15 x 1 1/4 (375 x 375 x 31)	30 (762)	6'-0" (1.83 m)	5'-9" (1.75 m)
41'-45' (12.5 m - 13.7 m)	15 (381)③	8 7/8 (220)	6' (1.83 m) ②	15 x 15 x 1 1/4 (375 x 375 x 31)	30 (762)	6'-6" (1.98 m)	6'-3" (1.90 m)
46'-50' (14.0 m - 15.2 m)	15 (381)③	8 7/8 (220)	8' (2.44 m)	15 x 15 x 1 1/4 (375 x 375 x 31)	30 (762)	7'-0" (2.13 m)	6'-9" (2.00 m)

- ① Length does not include 4 (100) hook.
 ② 8 7/8 x 8'-0" (220 x 2.44 m) for twin luminaires.
 ③ Use the maximum allowable bolt circle diameter (typ. 17(430)) for a transformer base.



Provide dirt as needed to meet 5' (1.52 m) chord fill around foundation top. Grade dirt level with bottom of top plate.

Wiring window location identification marks shall be notched in side of plate or stamped on top.



METAL FOUNDATION

RING PLATE DETAIL

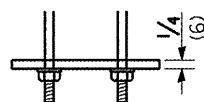
(When rock is encountered and foundation is shallower)

Use dirt removed from foundation to meet 5' (1.52 m) chord fill around foundation top. Grade dirt level with bottom of concrete chamfer.

Schedule 40 5 (125) I.D. P.V.C. wiring window.

Two (min.) 5/8 x 10' (16 x 3 m) connected (threaded) grounding electrodes.

9 (230) I.D. with 11 1/2 (292) bolt circle
 12 (305) I.D. with 15 (381) bolt circle
 14 (356) I.D. with 17 (432) bolt circle



24 (610) min. dia. with 11 1/2 (292) bolt circle
 30 (762) min. dia. with 15 (381) or 17 (432) bolt circle ③

Schedule 40 5 (125) I.D. P.V.C. wiring window (grounding electrode not shown).

No. 6 bare copper grounding electrode conductor.

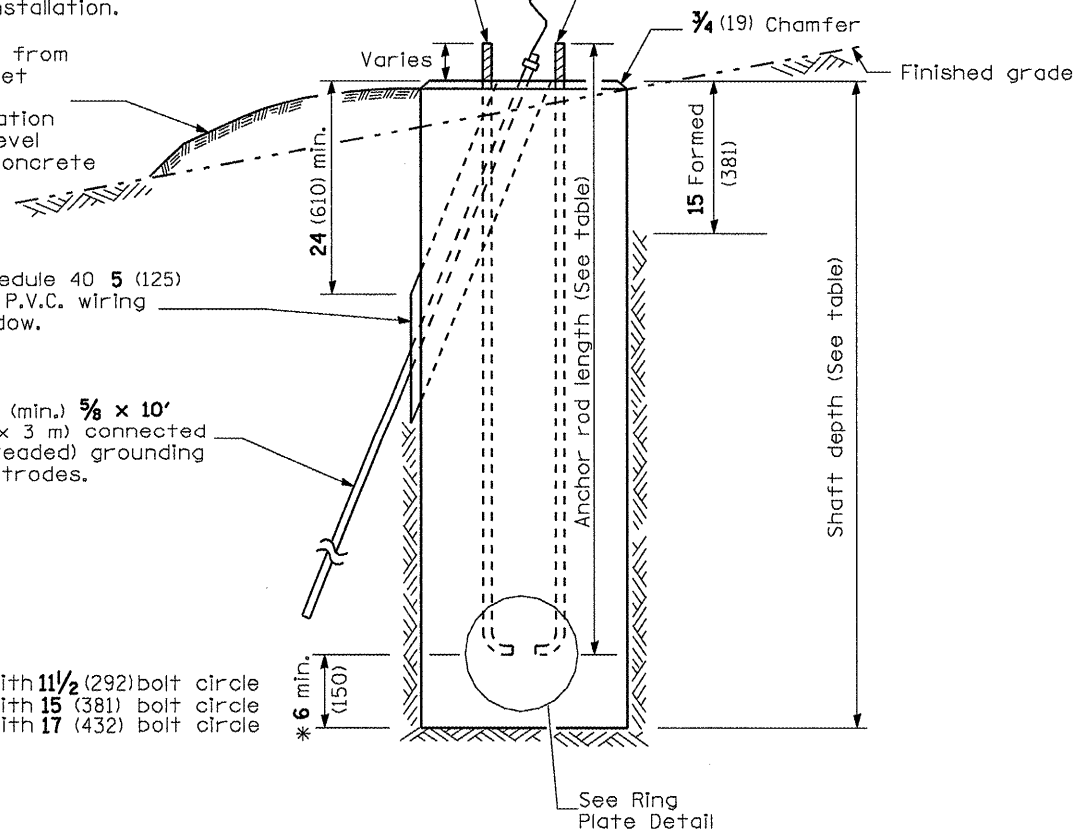
Length above foundation shall be adjusted to accommodate breakaway devices furnished by the contractor for a specific installation.

Top of wiring window shall be flush with top of foundation.

Plate to be installed when required (See ring plate detail)

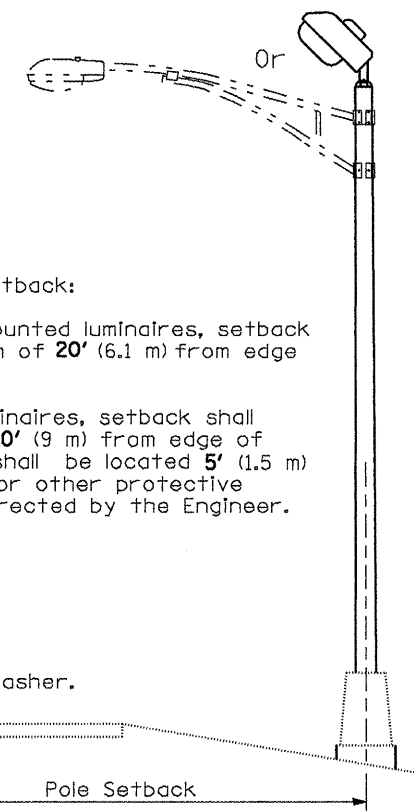
3 (75) Min. concrete cover on all steel

Anchor rod 1 (25) diameter with 9 (230) threads. Anchor rod shall extend through nut 1 (25). For barrier or foundation behind guardrail, use self-locking nut and flat washer. Do not use lock washer.



* If the required anchor rod length above top of foundation is less than 3 (75), anchor rods may be lowered below 6 (150).

CONCRETE FOUNDATION



Pole Foundation Setback:

For horizontal mounted luminaires, setback shall be a minimum of 20' (6.1 m) from edge of pavement.

For multimount luminaires, setback shall be a minimum of 30' (9 m) from edge of pavement. Poles shall be located 5' (1.5 m) behind guardrail or other protective barriers, or as directed by the Engineer.

GENERAL NOTES

All foundations are designed to be located on slopes not exceeding 2:1 where soils have an unconfined compressive strength of at least 1.0 TSF. The Contractor shall verify the soil strength during drilling for concrete foundations or by monitoring installation resistance of metal foundations and notify the Engineer if other conditions are encountered.

Anchor rod shall be increased in diameter as needed for 50' (15.2 m) mounting height or above. The Contractor shall match the breakaway device size or slotted hole size in the pole base plate to accommodate larger rod sizes.

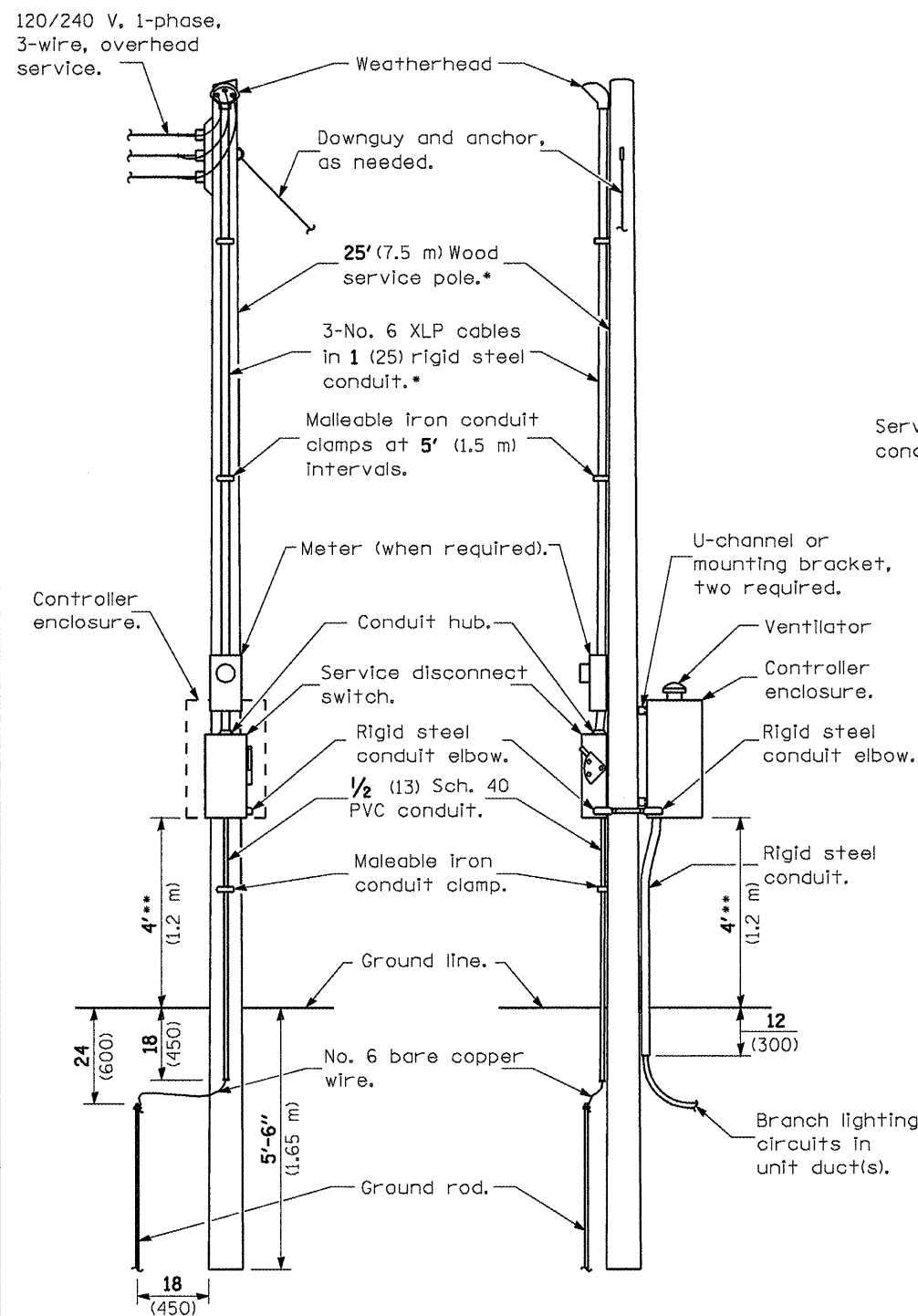
Transformer bases shall not be used on metal foundations.

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

LIGHT POLE FOUNDATION

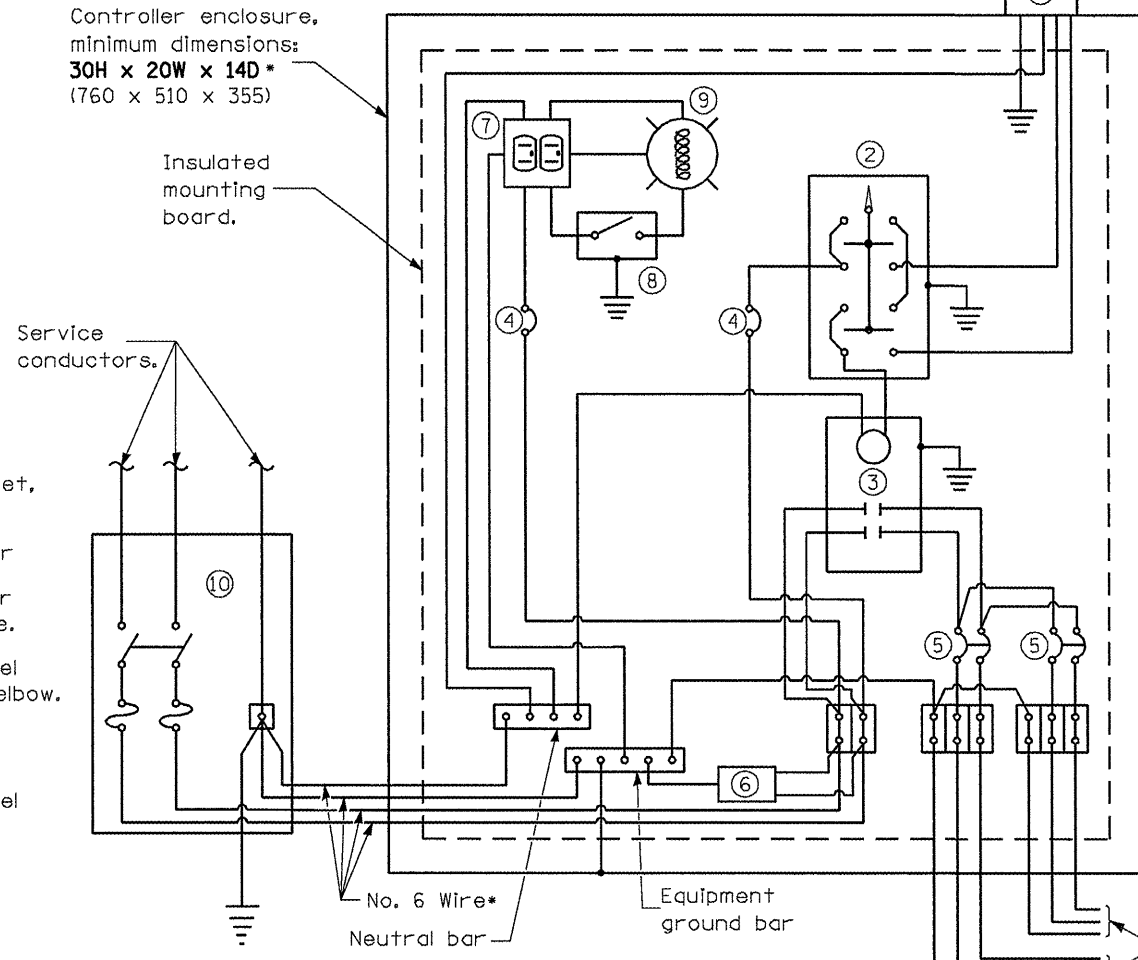
STANDARD 836001

FILE NAME =	USER NAME = coxte	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION LIGHTING DETAILS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pw_work\PIWIDOT\COXTE\dms84394\alt-1\ht.dgn	DRAWN - RTS	REVISED -	REVISED -			67	105(RS-6) 106(RS-4)	*	88	66	
PLOT SCALE = 48,00000 ' / IN.	CHECKED -	REVISED -	REVISED -			CONTRACT NO. 72C49		ILLINOIS FED. AID PROJECT			
PLOT DATE = Dec-18-2009 04:58:15PM	DATE - 12-09-09	REVISED -	REVISED -			SCALE: 1" = 20'		SHEET NO. 4 OF 9 SHEETS		STA. . TO STA. .	



FRONT SIDE
ELECTRIC SERVICE INSTALLATION
 ** Or as directed by Utility Company.

Controller enclosure, minimum dimensions: **30H x 20W x 14D** * (760 x 510 x 355)



- ① Photocell with integral surge arrester.
- ② HAND-OFF-AUTO selector switch.
- ③ 60 amp*, electrically held contactor.
- ④ 15 amp, 1-pole circuit breaker.
- ⑤ 20 amp*, 2-pole circuit breaker (two spares required but not shown).
- ⑥ Surge arrester.
- ⑦ GFCI duplex receptacle.
- ⑧ Single-pole, single-throw switch.
- ⑨ Incandescent luminaire, enclosed and gasketed with 100 watt lamp.
- ⑩ Service disconnect switch - 2-pole, 3-wire, 60 amp*, fused at 60 amp*, solid neutral in NEMA 3R enclosure having lockable external handle.

* Size larger as needed.

GENERAL NOTES

Provide **12x9x1** (305x225x25) watertight pouch mounted inside controller door with as-built plans and schematics.

Provide engraved nameplate on front of enclosure reading "LIGHTING".

Enclosure shall be mounted to pole with pole-bands and lag-bolts.

LIGHTING CONTROLLER
240V, POLE MOUNTED

STANDARD 825001

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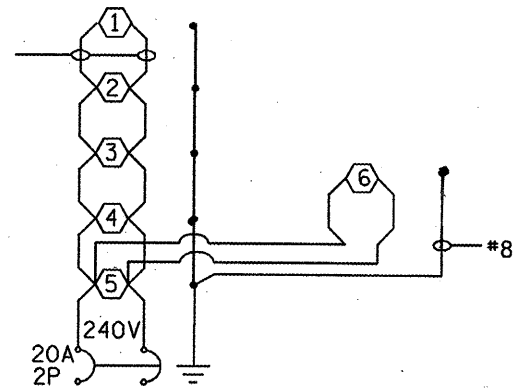
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION LIGHTING DETAILS
 SCALE: 1" = 20' SHEET NO. 5 OF 9 SHEETS STA. . TO STA. .

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	105(RS-6) 106(RS-4)	*	88	67
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72C49	

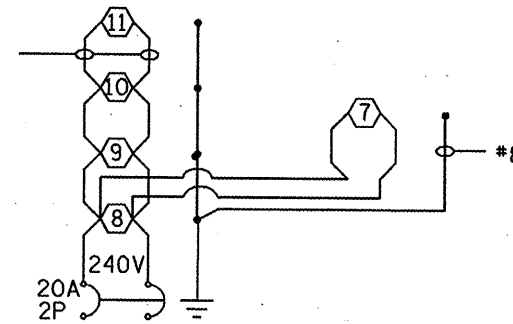
* CASS, SANGAMON

#8, TYPICAL THIS CIRCUIT



LIGHTING CKT 1
PROPOSED LIGHTING CONTROLLER NO. 1

#8, TYPICAL THIS CIRCUIT



LIGHTING CKT 2
PROPOSED LIGHTING CONTROLLER NO. 1

NOTES:

1. ALL NECESSARY REVISIONS TO THE WIRING SHOWN ON THIS SHEET SHALL BE MADE AT NO ADDITIONAL COST TO THE DEPARTMENT AND TO THE SATISFACTION OF THE ENGINEER.

○ 250W ROADWAY LUMINAIRE

CONTROLLER AT IL 125 AND IL 123

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PLOT DATE = Dec-18-2009 04:50:28PM		DATE - 12-09-09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION LIGHTING DETAILS

SCALE: 1" = 20' SHEET NO. 6 OF 9 SHEETS STA. . TO STA. .

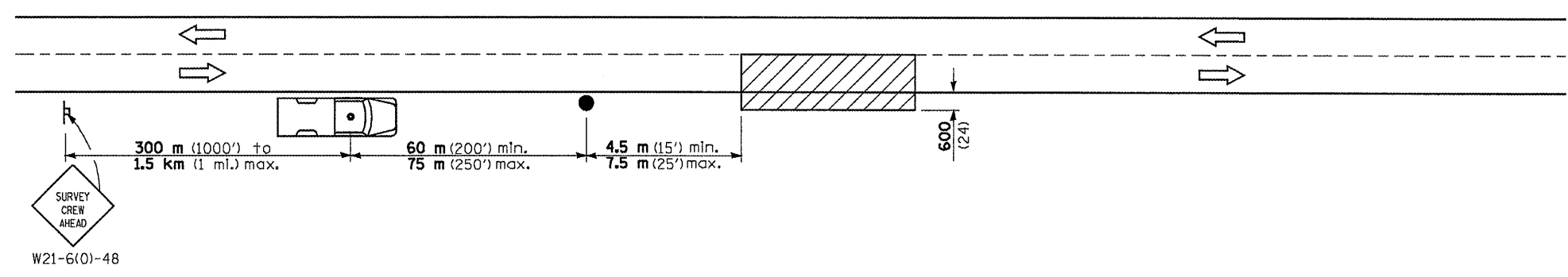
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	105(RS-6) 106(RS-4)	.	88	68

CONTRACT NO. 72C49

ILLINOIS FED. AID PROJECT



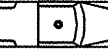

CASS, SANGAMON

Rev.



W21-6(0)-48

SYMBOLS

-  Work area
-  Sign on portable or permanent support
-  Truck with flashing amber light and dual emergency flashers
-  Flagger with traffic control sign

TYPICAL APPLICATIONS
Utility operations

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

DATE	REVISIONS

DETAIL FOR NIGHTTIME LIGHTING INSPECTION

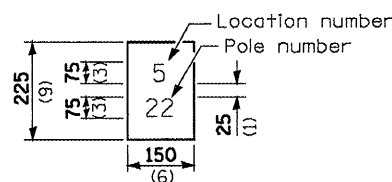
LGT017.M32

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et\pw_work\PWIDOT\COXTE\dms84394\ahrt-1.dgn		DRAWN - RTS	REVISED -
PLOT SCALE = 40.0000 ' / IN.		CHECKED -	REVISED -
PLOT DATE = Dec-18-2009 04:58:24PM		DATE - 12-09-09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

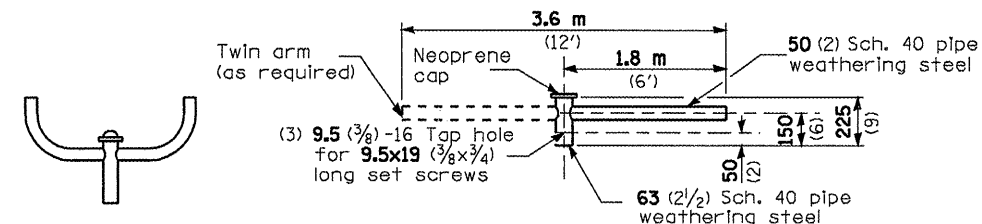
INTERSECTION LIGHTING DETAILS			
SCALE: 1" = 20'	SHEET NO. 8 OF 9 SHEETS	STA. .	TO STA. .

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	105(RS-6) 106(RS-4)	.	88	70
CONTRACT NO. 72C49				
ILLINOIS FED. AID PROJECT				



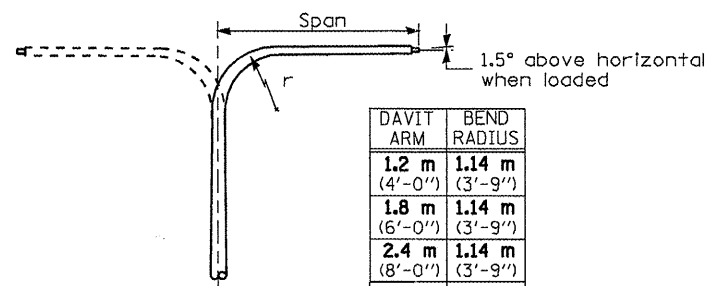
The contractor shall furnish and install a light pole identification of each new light pole, as shown above, incidental to the respective light pole pay item. The numerals shall be 75 (3) series "D", black, screened on silver-white type B pressure sensitive reflective sheeting conforming to the requirements of section T602.01 of the Standard Specifications for Traffic Control Items. The numerals shall conform to the FHWA "Standard Alphabets for Highway Signs".

The light pole identification shall be applied to sign base material as specified in section 1069.06 of the Standard Specifications, approximately 180 (7) above the adjacent pavement grade visible to approaching traffic in accordance with Highway Standard 720001.



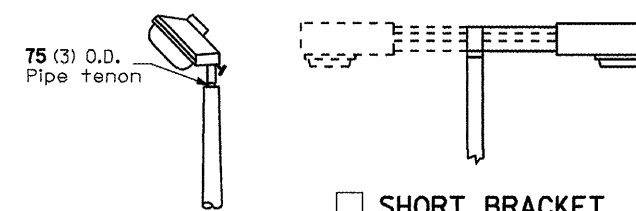
TWIN TENON TENON MOUNT BRACKET ARM

NOTE: Single or twin arm assembly shall be tilted 3° above horizontal.

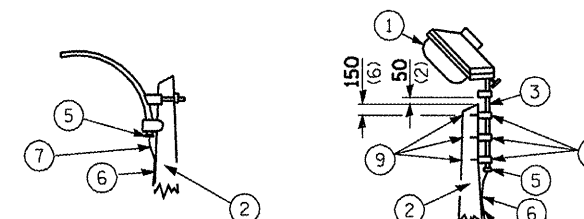


DAVIT ARM DAVIT ARM-TWIN

DAVIT ARM	BEND RADIUS
1.2 m (4'-0")	1.14 m (3'-9")
1.8 m (6'-0")	1.14 m (3'-9")
2.4 m (8'-0")	1.14 m (3'-9")
3.6 m (12'-0")	1.14 m (3'-9")

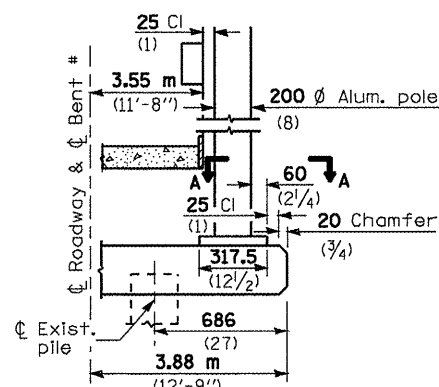


TENON SHORT BRACKET SHORT BRACKET - TWIN

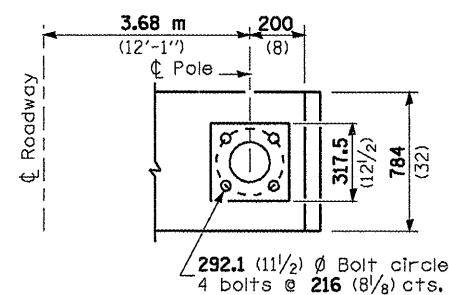
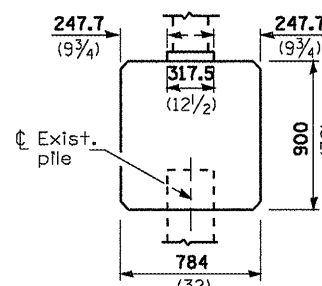


MAST ARM TENON

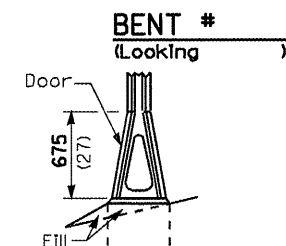
- ① Luminaire
- ② Wood pole, class 3 or better
- ③ 63 (2 1/2) Galv. steel conduit
- ④ Single offset pole band
- ⑤ Conduit bushing
- ⑥ Cable clamps on 600 (24) centers
- ⑦ 2/c #12 Type use cable
- ⑧ 25 (1) Galv. steel conduit 3.0 m (10') in length
- ⑨ 16 (5/8) Ø hot dipped galvanized bolt with flat washer & locknut (3 req'd)
- ⑩ Conduit clamps on 900 (36) centers
- ⑪ Unit duct
- ⑫ Threaded reducer
- ⑬ "C" Condulet, threaded
- ⑭ 40 (1 1/2) Galv. steel conduit for 1 unit duct or 75 (3) galv. steel conduit for 2 or 3 unit ducts.



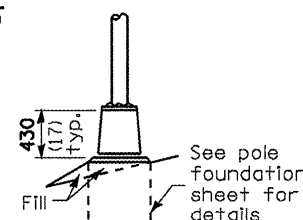
BRIDGE PIER MOUNT



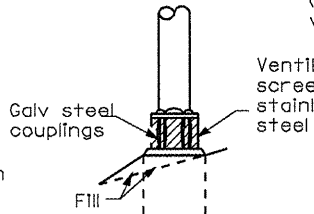
SECTION A-A



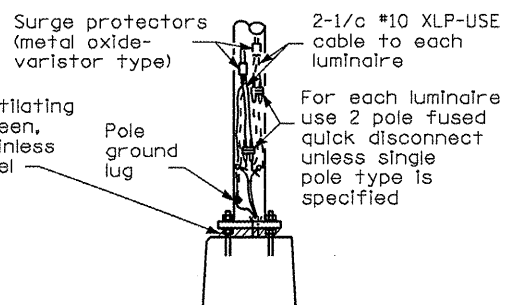
STAINLESS STEEL FLAIR BASE



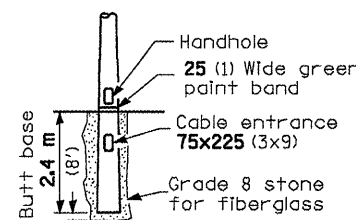
TRANSFORMER BASE



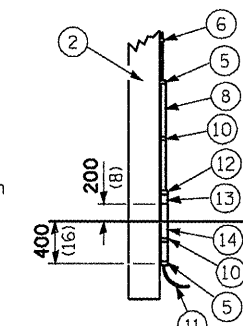
BREAKAWAY COUPLING



ANCHOR



BUTT BASE



POLE, WOOD

POLE LENGTH	DEPTH IN GROUND
19.8 m (65')	3.6 m (12')
18.0 m (60')	3.0 m (10')
16.8 m (55')	2.7 m (9')
16.0 m (50')	2.4 m (8')
13.7 m (45')	2.1 m (7')
12.0 m (40')	2.0 m (6.5')
10.7 m (35')	1.8 m (6')
9.0 m (30')	1.7 m (5.5')

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

DATE	REVISIONS
	Corrected 6/24/09

POLE STANDARDS

LGT008.M32

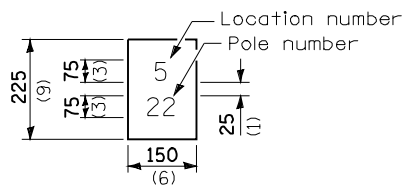
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION LIGHTING DETAILS

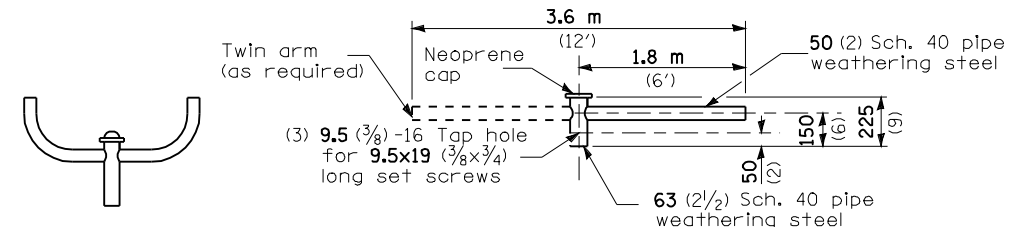
SCALE: 1" = 20' SHEET NO. 9 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	105(RS-6) 106(RS-4)		88	71
CONTRACT NO. 72C49			ILLINOIS FED. AID PROJECT	



The contractor shall furnish and install a light pole identification of each new light pole, as shown above, incidental to the respective light pole pay item. The numerals shall be 75 (3) series "D", black, screened on silver-white type B pressure sensitive reflective sheeting conforming to the requirements of section T602.01 of the Standard Specifications for Traffic Control Items. The numerals shall conform to the FHWA "Standard Alphabets for Highway Signs".

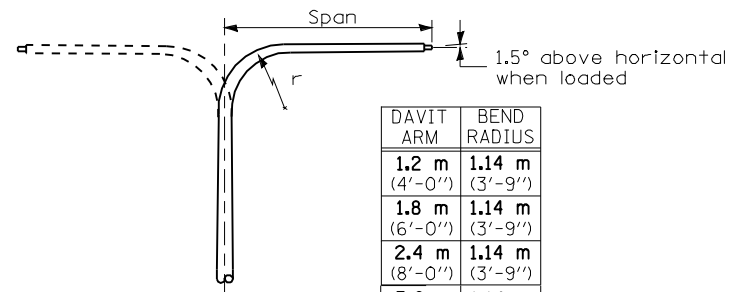
The light pole identification shall be applied to sign base material as specified in section 1069.06 of the Standard Specifications, approximately 180 (7) above the adjacent pavement grade visible to approaching traffic in accordance with Highway Standard 720001.



TWIN TENON

TENON MOUNT BRACKET ARM

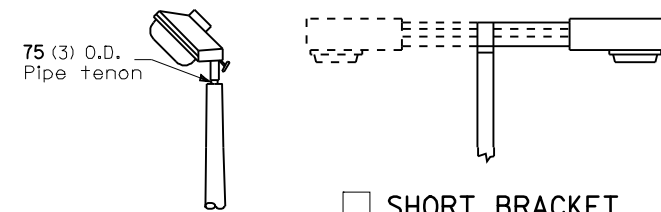
NOTE: Single or twin arm assembly shall be tilted 3° above horizontal.



DAVIT ARM

DAVIT ARM-TWIN

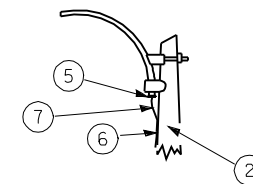
DAVIT ARM	BEND RADIUS
1.2 m (4'-0")	1.14 m (3'-9")
1.8 m (6'-0")	1.14 m (3'-9")
2.4 m (8'-0")	1.14 m (3'-9")
3.6 m (12'-0")	1.14 m (3'-9")



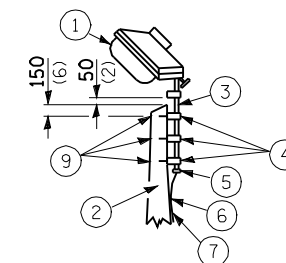
TENON

SHORT BRACKET

SHORT BRACKET - TWIN

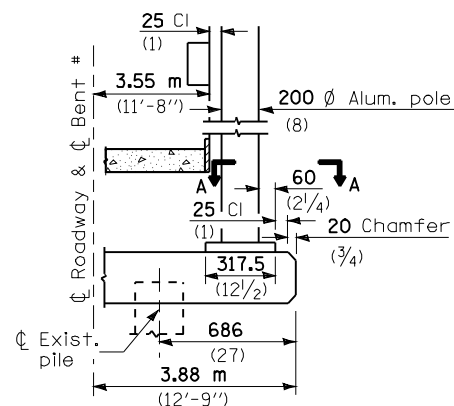


MAST ARM

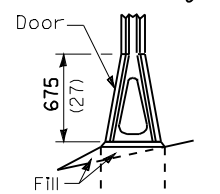


TENON

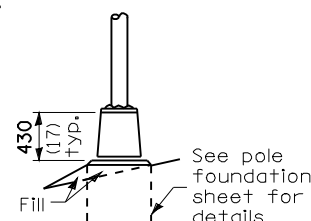
- ① Luminaire
- ② Wood pole, class 3 or better
- ③ 63 (2 1/2) Galv. steel conduit
- ④ Single offset pole band
- ⑤ Conduit bushing
- ⑥ Cable clamps on 600 (24) centers
- ⑦ 2/c #12 Type use cable
- ⑧ 25 (1) Galv. steel conduit 3.0 m (10') in length
- ⑨ 16 (5/8) Ø hot dipped galvanized bolt with flat washer & locknut (3 req'd)
- ⑩ Conduit clamps on 900 (36) centers
- ⑪ Unit duct
- ⑫ Threaded reducer
- ⑬ "C" Condulet, threaded
- ⑭ 40 (1 1/2) Galv. steel conduit for 1 unit duct or 75 (3) galv. steel conduit for 2 or 3 unit ducts.



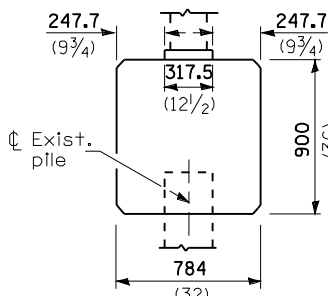
BENT # (Looking)



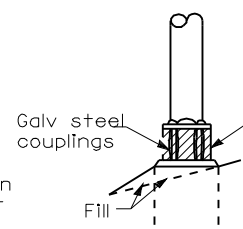
STAINLESS STEEL FLAIR BASE



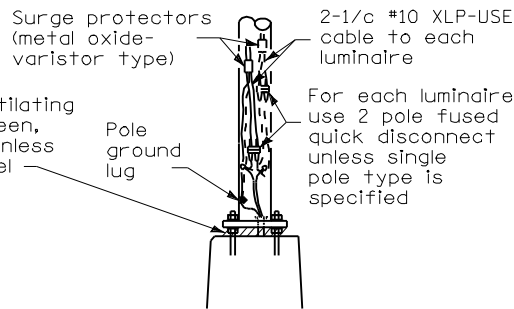
TRANSFORMER BASE



BRIDGE PIER MOUNT



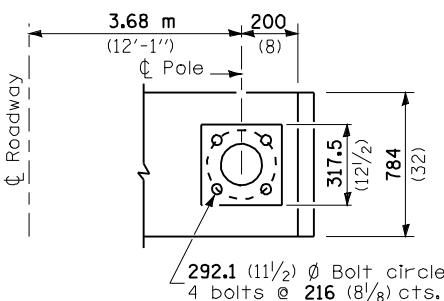
BREAKAWAY COUPLING



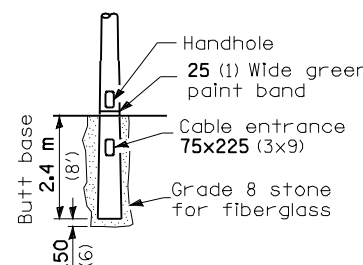
ANCHOR

METAL OR CONCRETE

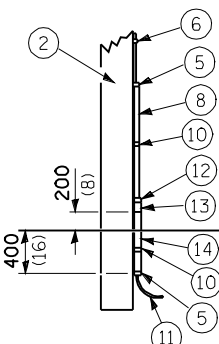
Details for underground distribution if required



SECTION A-A



BUTT BASE



POLE, WOOD

POLE LENGTH	DEPTH IN GROUND
19.8 m (65')	3.6 m (12')
18.0 m (60')	3.0 m (10')
16.8 m (55')	2.7 m (9')
16.0 m (50')	2.4 m (8')
13.7 m (45')	2.1 m (7')
12.0 m (40')	2.0 m (6.5')
10.7 m (35')	1.8 m (6')
9.0 m (30')	1.7 m (5.5')

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

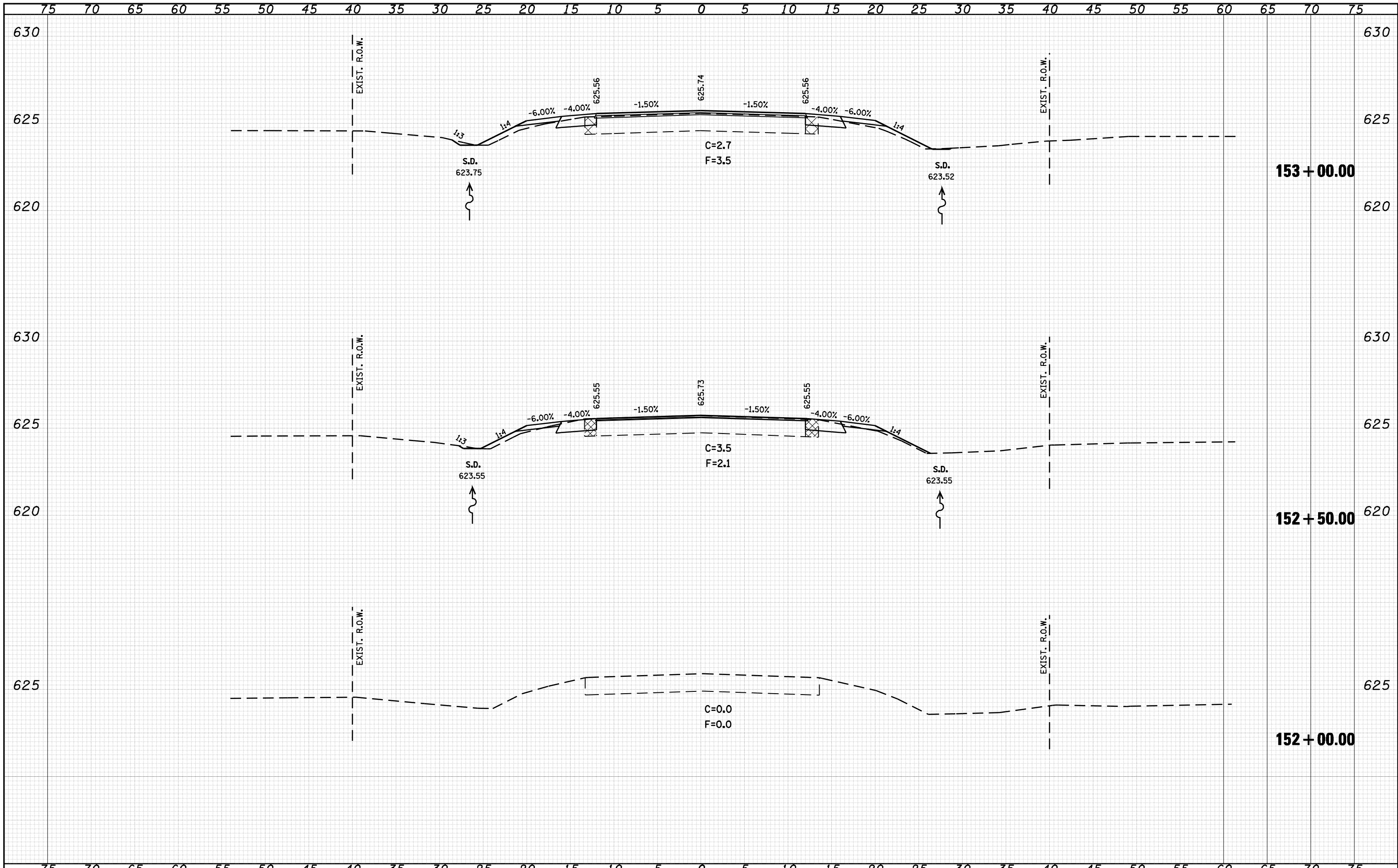
DATE	REVISIONS
	Corrected 6/24/09

POLE STANDARDS

LGT008.M32

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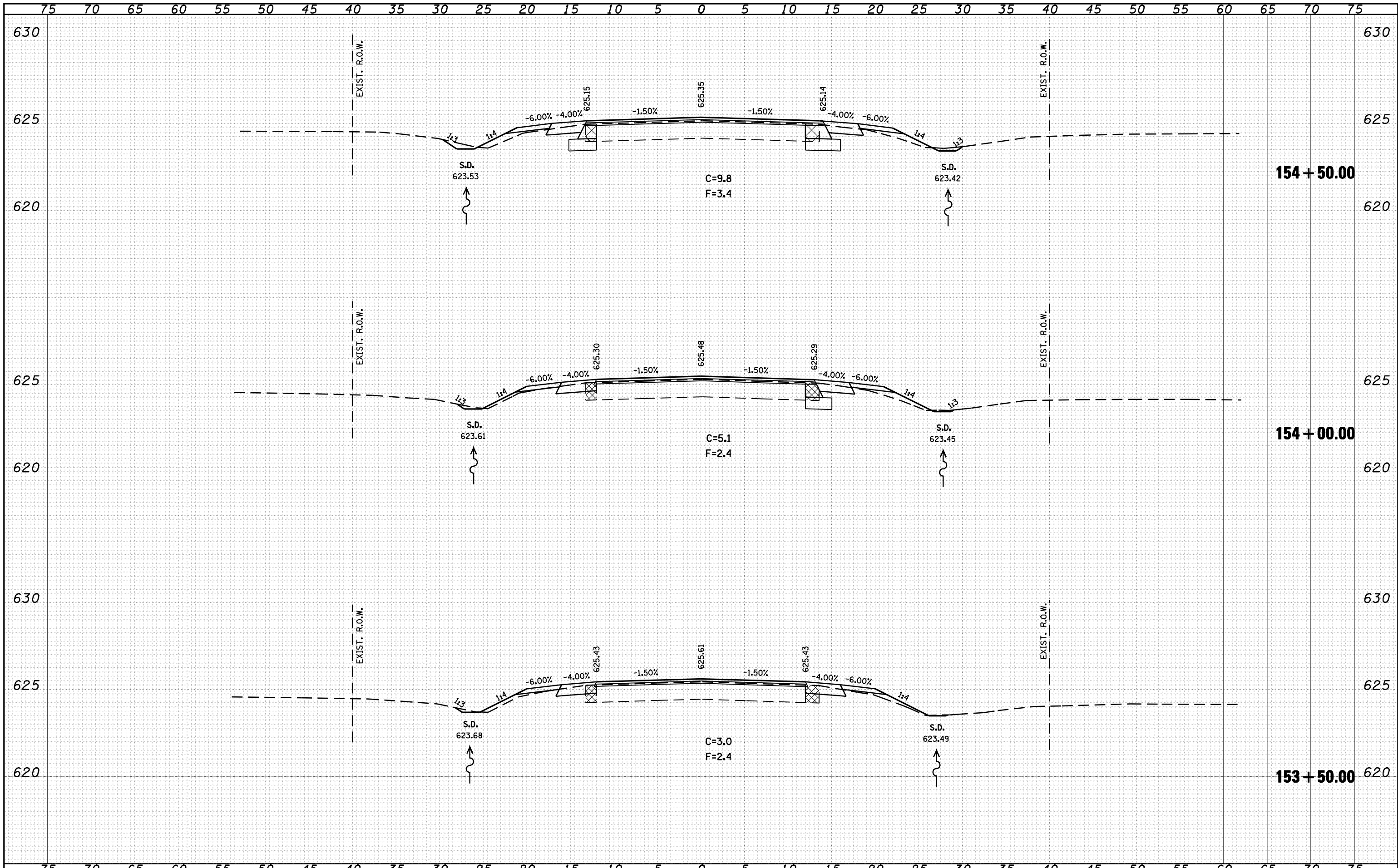
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BY	
ORIGINAL SURVEY	
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PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



FILE NAME =	USER NAME = coxte	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 125 CROSS SECTIONS			F.A.P. RTE. 67	SECTION 105(RS-6) 106(RS-4)	COUNTY	TOTAL SHEETS 88	SHEET NO. 72		
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											ILLINOIS FED. AID PROJECT			
											* CASS, SANGAMON			

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

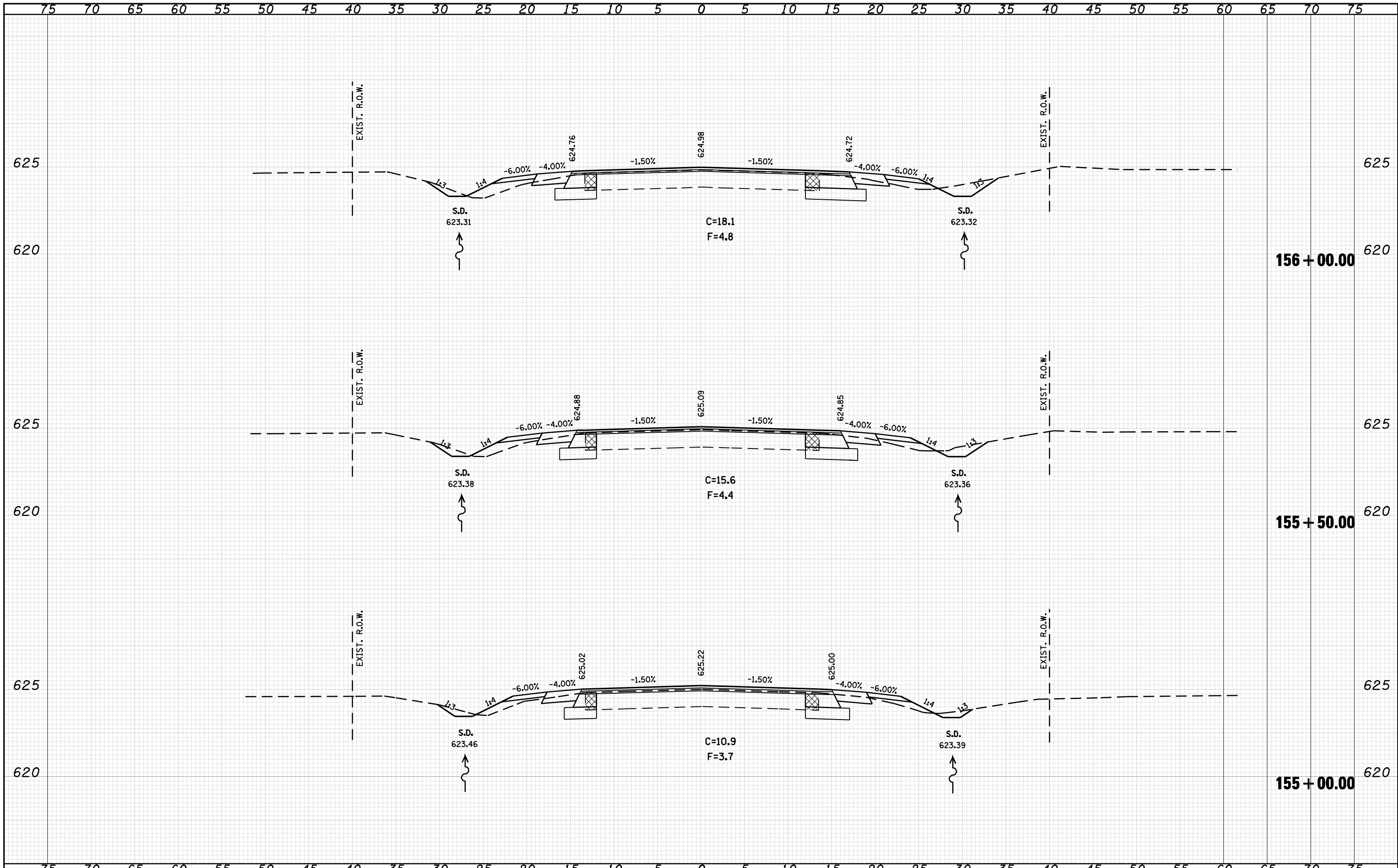
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PLOTTED	
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AREAS	
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NOTE BOOK	
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FILE NAME =	USER NAME = coxte	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION IL 125 CROSS SECTIONS SCALE: 1" = 20' SHEET NO. OF SHEETS STA. 153+50.00 TO STA. 154+50.00	F.A.P. RTE. 67	SECTION 105(RS-6) 106(RS-4)	COUNTY	TOTAL SHEETS 88	SHEET NO. 73
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PLOT DATE = Dec-18-2009 04:50:33PM					ILLINOIS FED. AID PROJECT				

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BY	
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NOTE BOOK	
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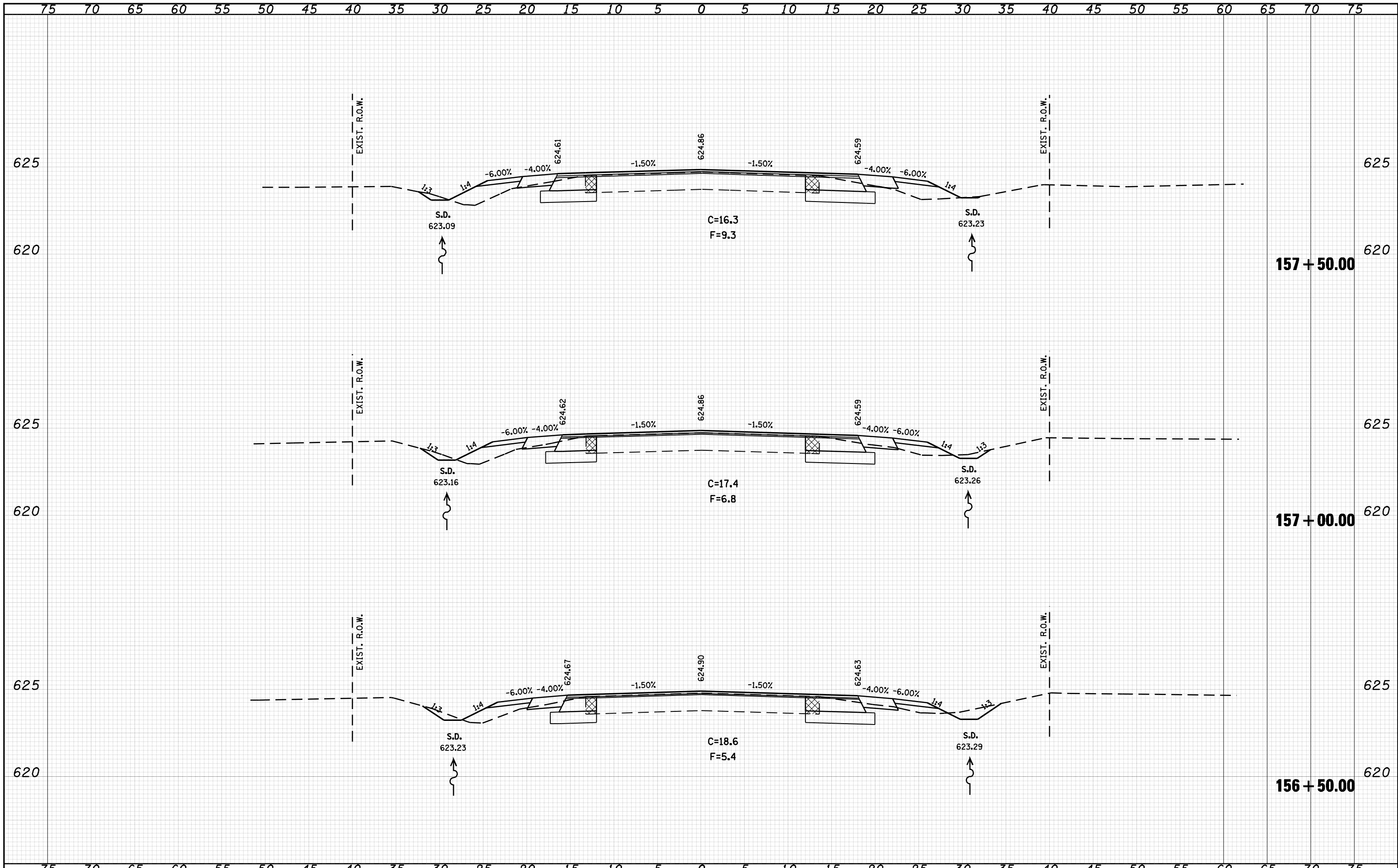
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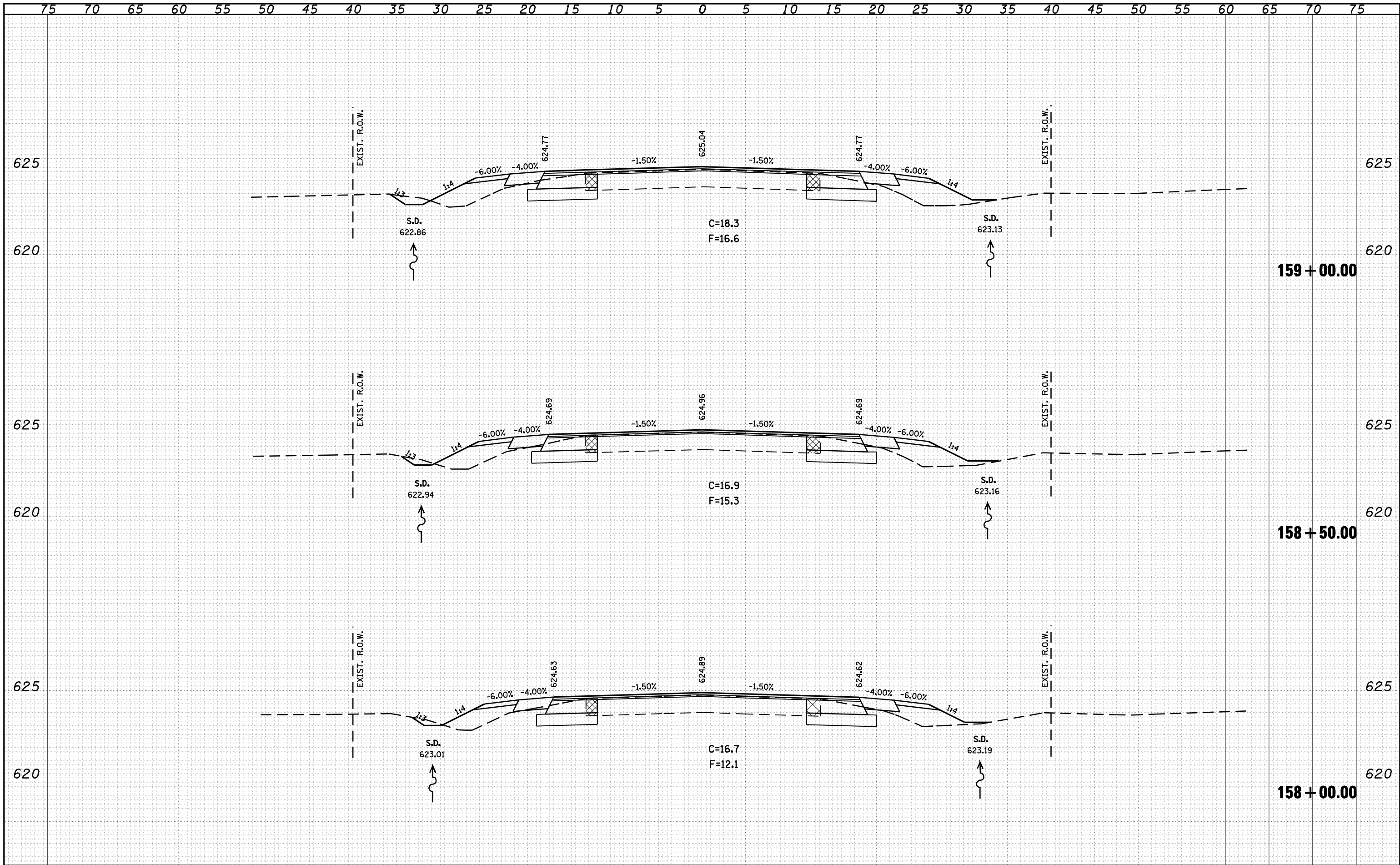
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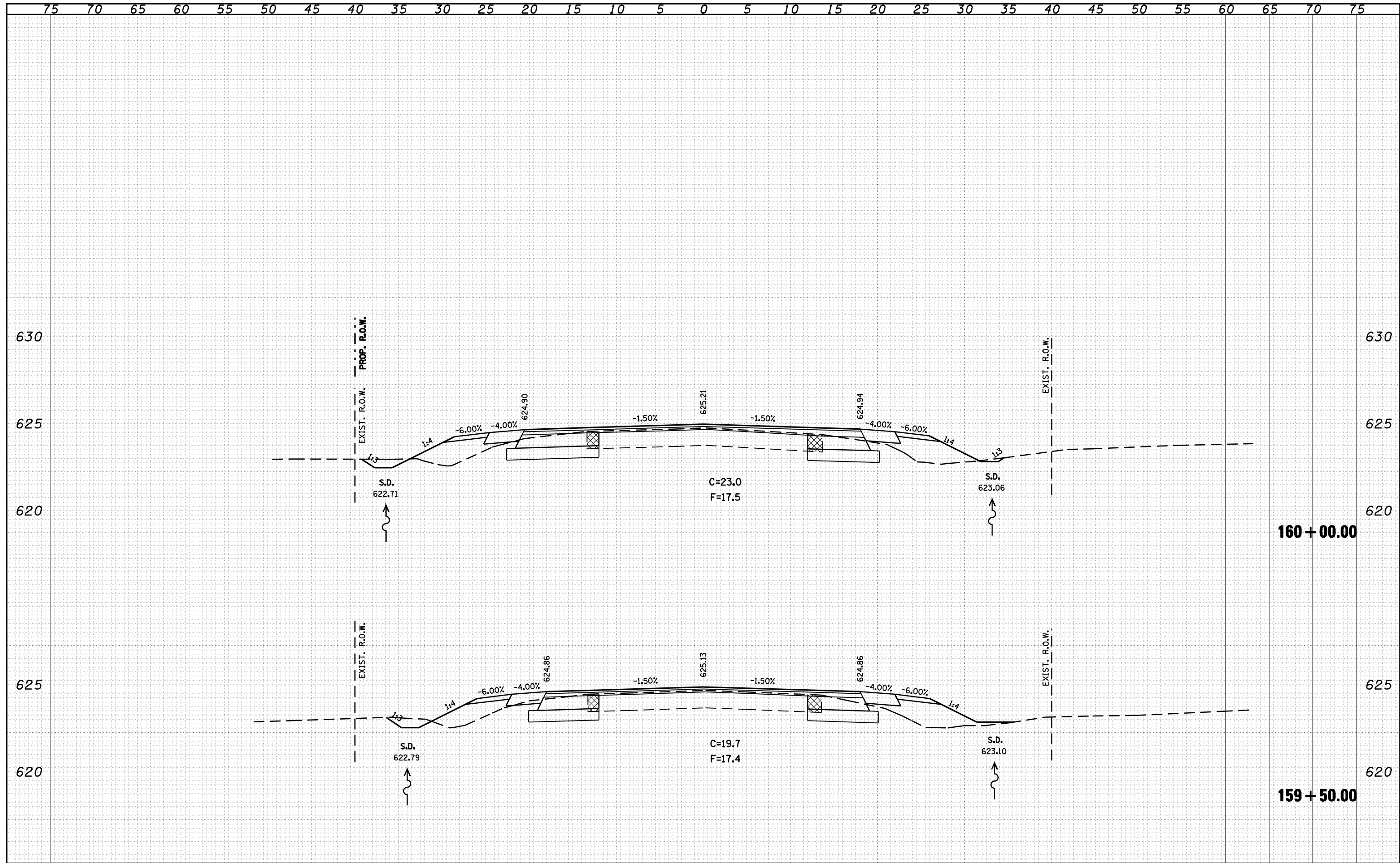
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.										
67	105(RS-6) 106(RS-4)		88	76										
PLOT DATE = Dec-18-2009 04:50:43PM				CONTRACT NO. 72C49 ILLINOIS FED. AID PROJECT * CASS, SANGAMON										

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

DATE	
BY	
SURVEYED	
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ORIGINAL SURVEY NOTE BOOK NO.	



FILE NAME =	USER NAME = coxte	DESIGNED -	REVISED -				
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		CHECKED -	REVISED -				
		DATE -	REVISED -				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 125 CROSS SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	105(RS-6) 106(RS-4)		88	77

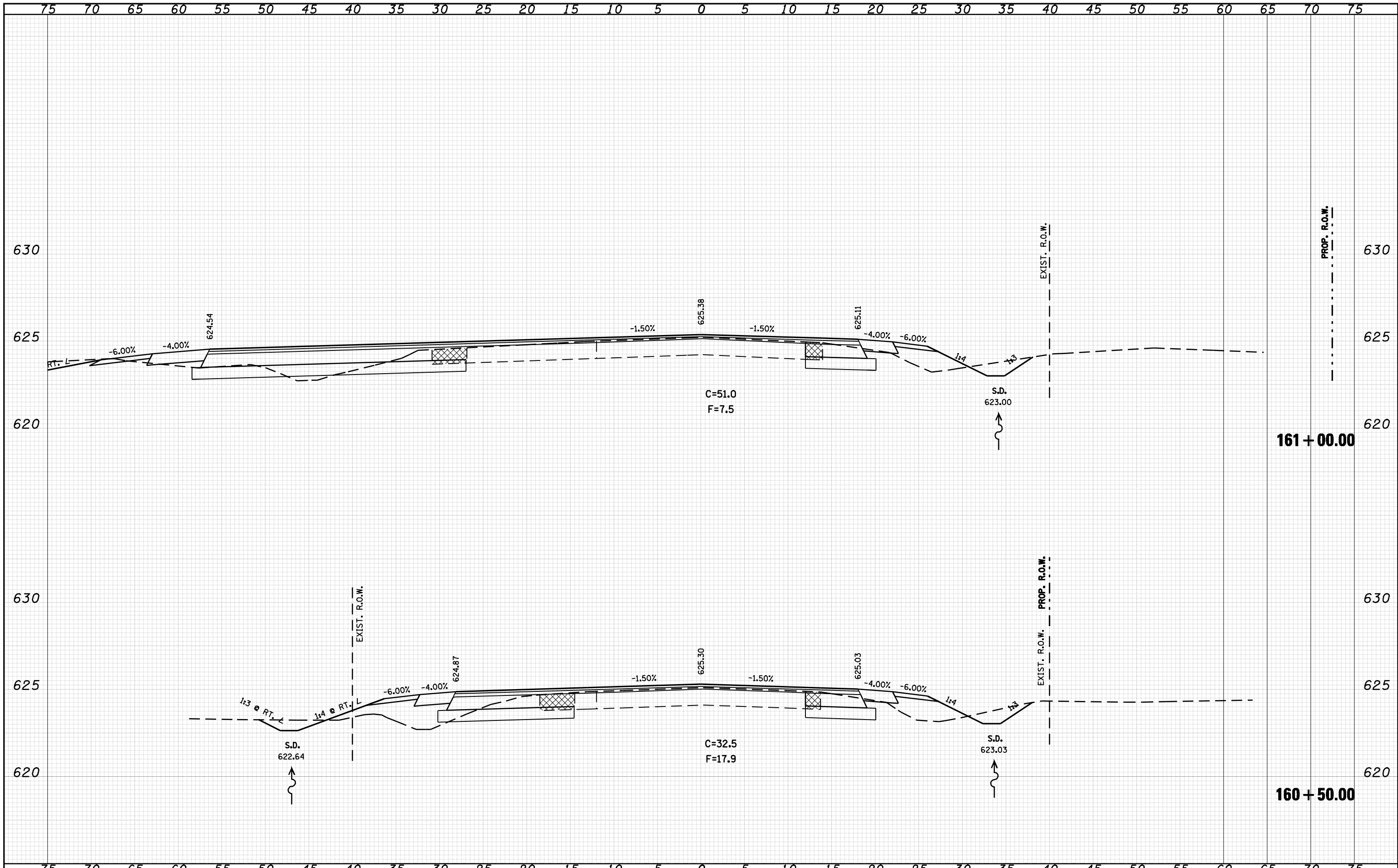
CONTRACT NO. 72C49

ILLINOIS FED. AID PROJECT

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. 159+50.00 TO STA. 160+00.00

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

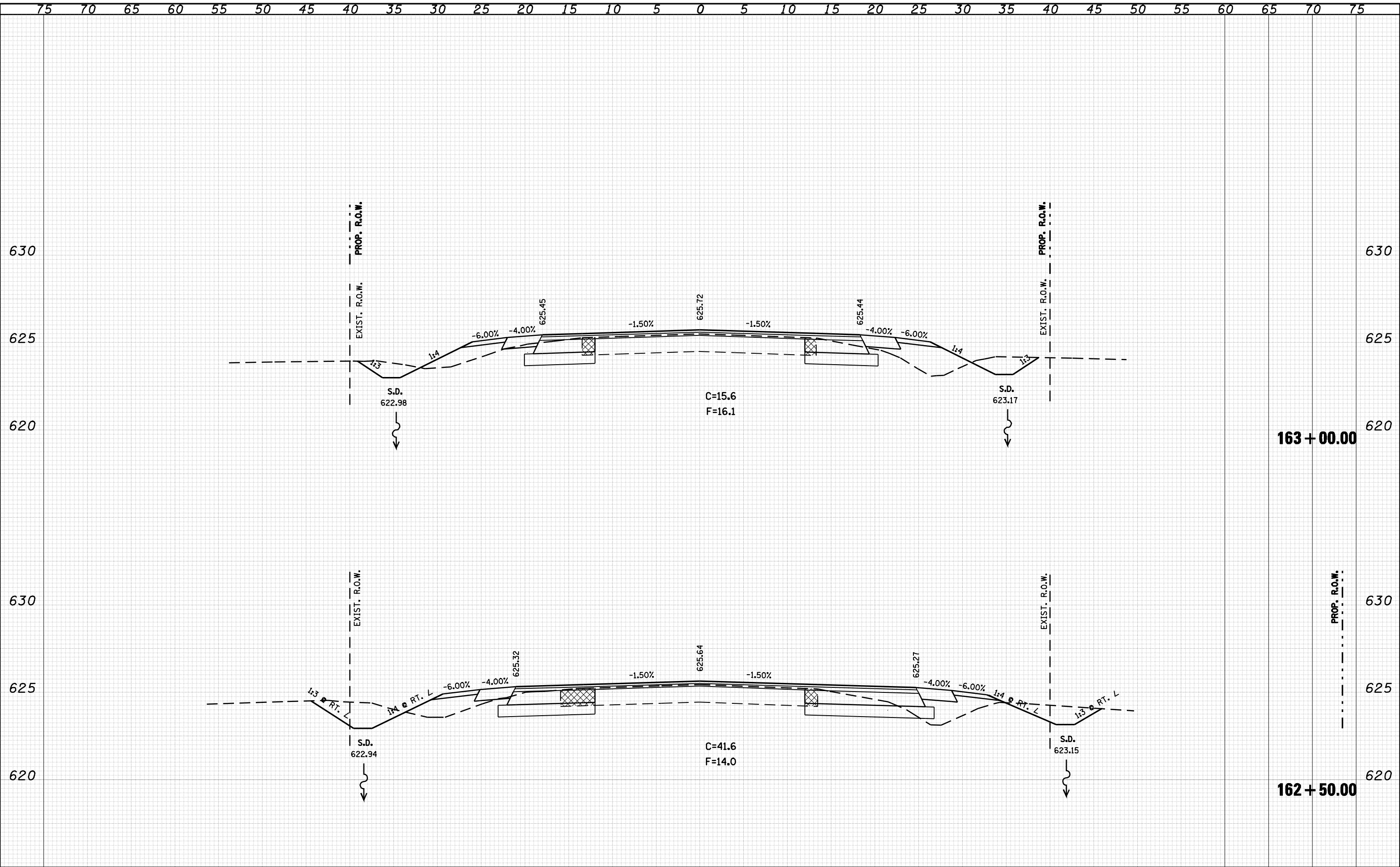
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NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	



FILE NAME =	USER NAME = coxte	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 125 CROSS SECTIONS		F.A.P. RTE. 67	SECTION 105(RS-6) 106(RS-4)	COUNTY	TOTAL SHEETS 88	SHEET NO. 78		
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											ILLINOIS FED. AID PROJECT		

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
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	AREAS	
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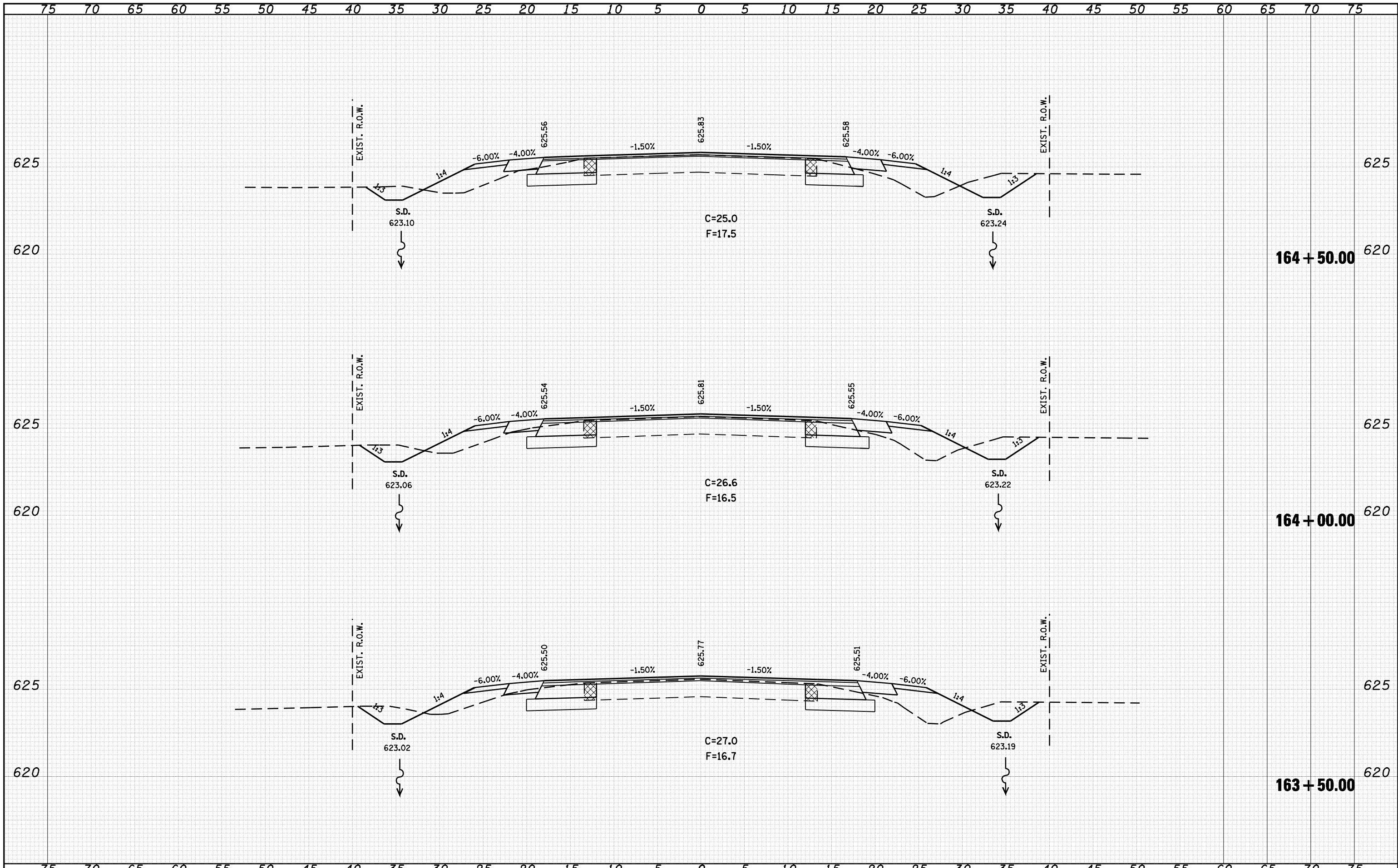
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NOTE BOOK	PLOTTED	BY
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FILE NAME =	USER NAME = coxte	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 125 CROSS SECTIONS		F.A.P. RTE. 67	SECTION 105(RS-6) 106(RS-4)	COUNTY	TOTAL SHEETS 88	SHEET NO. 79		
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				SCALE: 1" = 20'		SHEET NO. OF SHEETS	STA. 162+50.00 TO STA. 163+00.00		CONTRACT NO. 72C49				
											ILLINOIS FED. AID PROJECT	* CASS, SANGAMON	

DATE	
BY	
FINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
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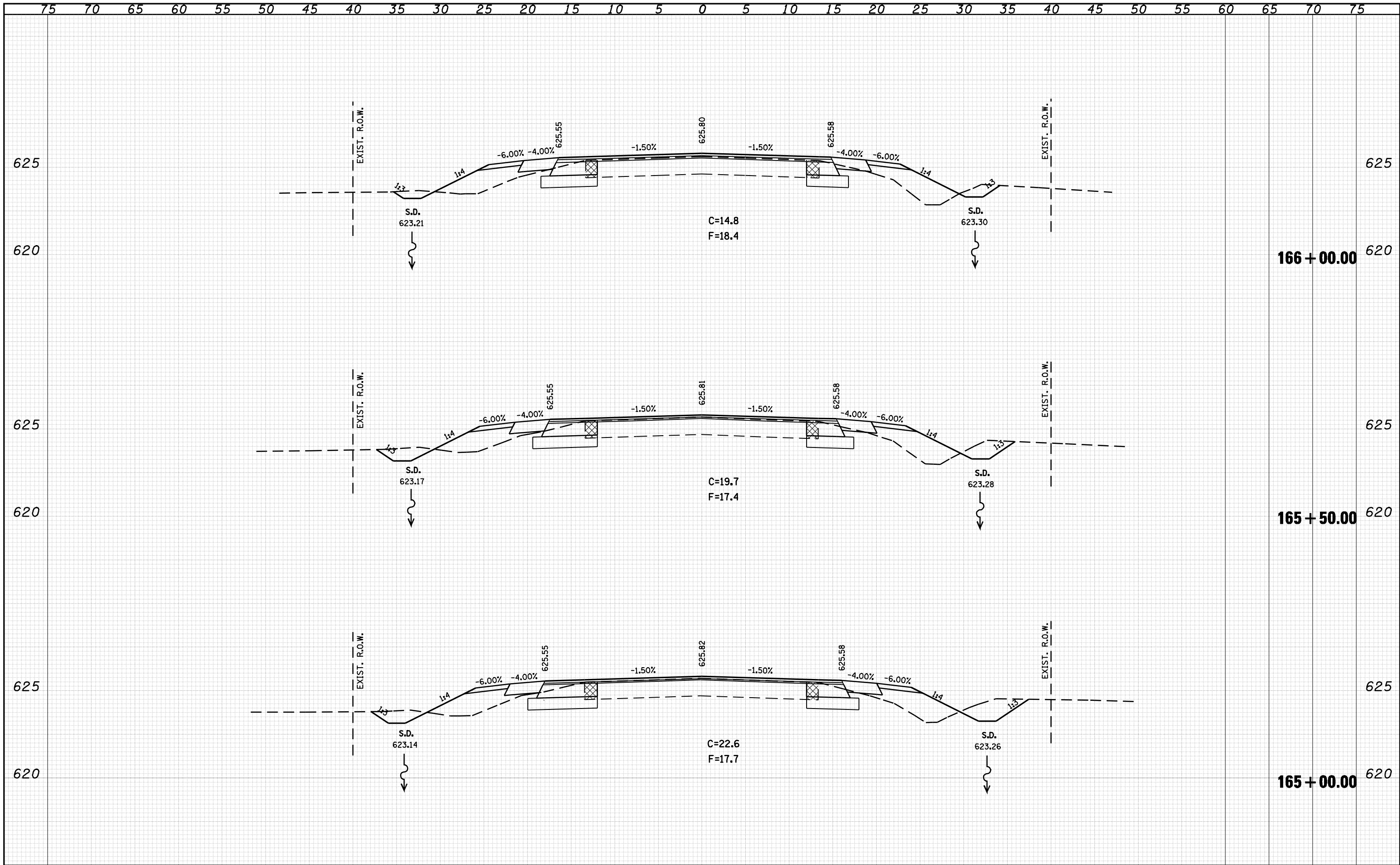
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DATE	
BY	
FINAL SURVEY	
NOTE BOOK	
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PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

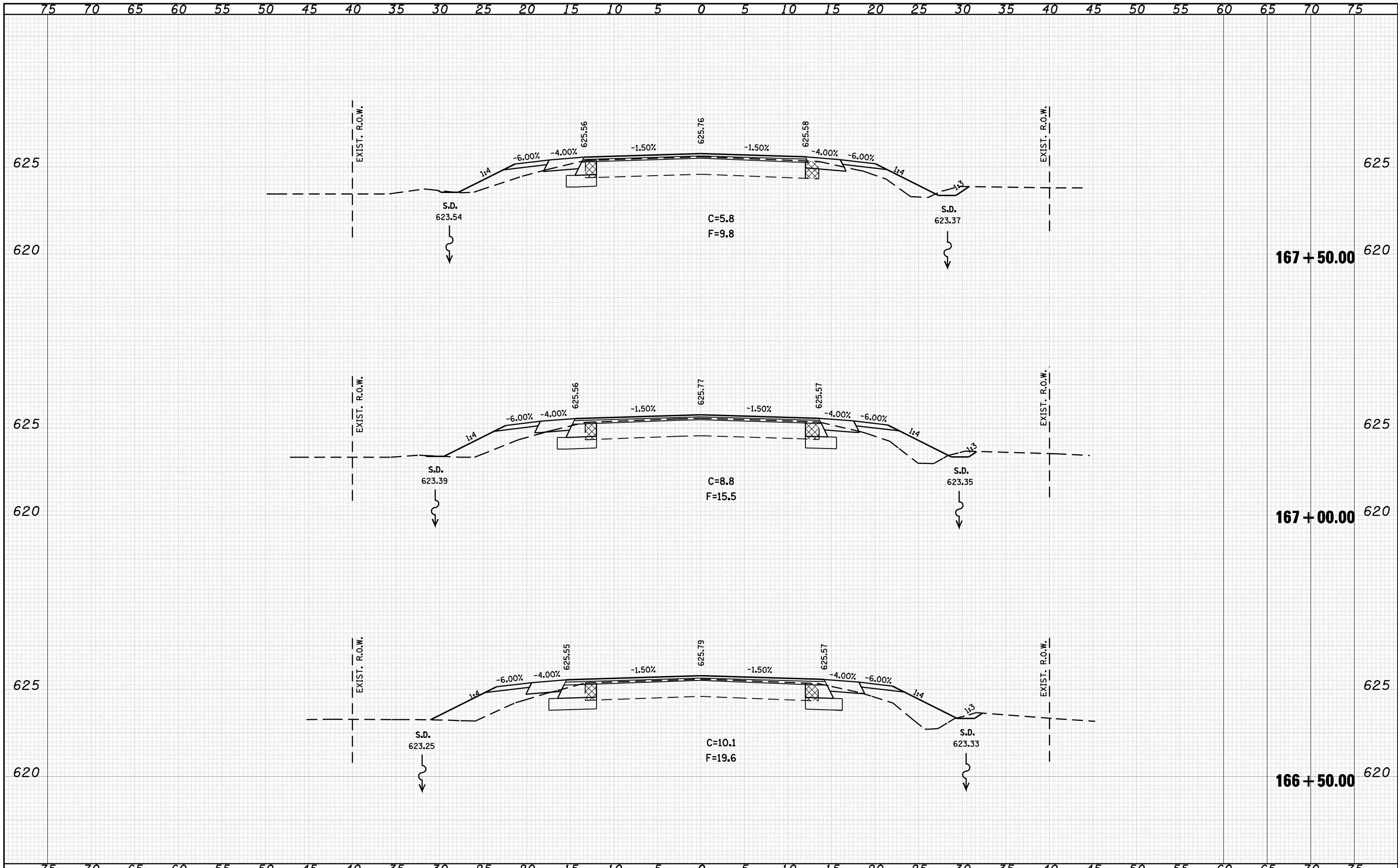
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FILE NAME =	USER NAME = coxte	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION IL 125 CROSS SECTIONS SCALE: 1" = 20' SHEET NO. OF SHEETS STA. 165+00.00 TO STA. 166+00.00
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		DATE -	REVISD -	
PLOT SCALE = 10.0000 / IN.				F.A.P. RTE. 67 SECTION 105(RS-6) 106(RS-4) COUNTY • TOTAL SHEETS 88 SHEET NO. 81 CONTRACT NO. 72C49 ILLINOIS FED. AID PROJECT • CASS, SANGAMON

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

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ORIGINAL SURVEY NOTE BOOK NO.	



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

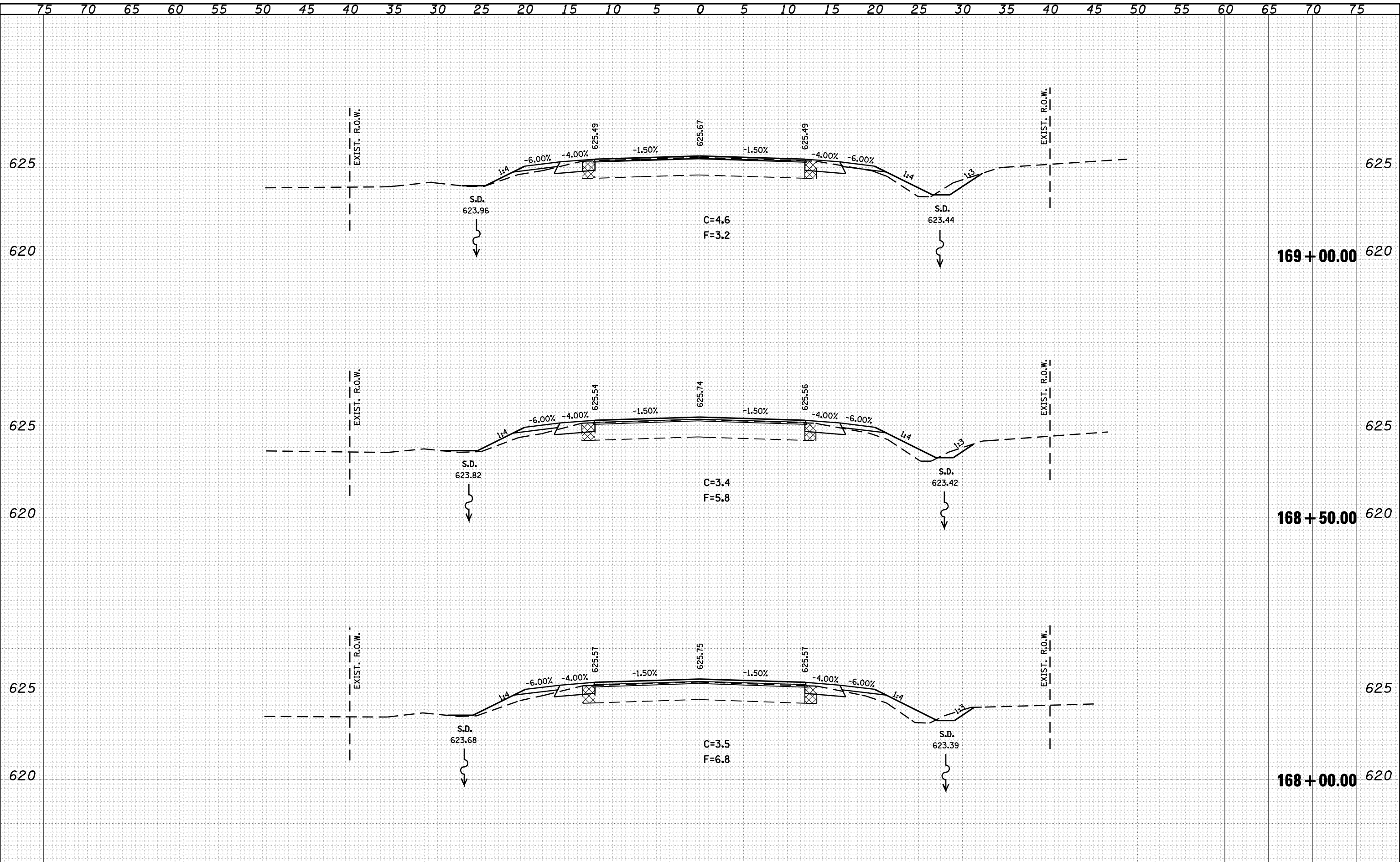
IL 125 CROSS SECTIONS

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. 166+50.00 TO STA. 167+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	105(RS-6) 106(RS-4)		88	82
CONTRACT NO. 72C49			ILLINOIS FED. AID PROJECT	

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

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

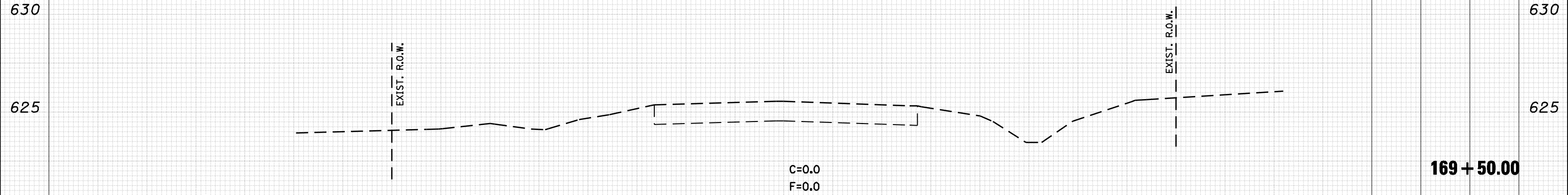


FILE NAME =	USER NAME = coxte	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION IL 125 CROSS SECTIONS SCALE: 1" = 20' SHEET NO. OF SHEETS STA. 168+00.00 TO STA. 169+00.00	F.A.P. RTE. 67	SECTION 105(RS-6) 106(RS-4)	COUNTY	TOTAL SHEETS 88	SHEET NO. 83
o:\pwork\PWIDOT\COXTE\dms22819\0672049-shr-xa-1125.dgn		DRAWN -	REVISD -		CONTRACT NO. 72C49				
PLOT SCALE = 10,0000 / IN.		CHECKED -	REVISD -		ILLINOIS FED. AID PROJECT				
PLOT DATE = Dec-18-2009 04:51:07PM		DATE -	REVISD -						

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

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

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



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 USER NAME = coxte
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DESIGNED -	REVISIED -
DRAWN -	REVISIED -
CHECKED -	REVISIED -
DATE -	REVISIED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

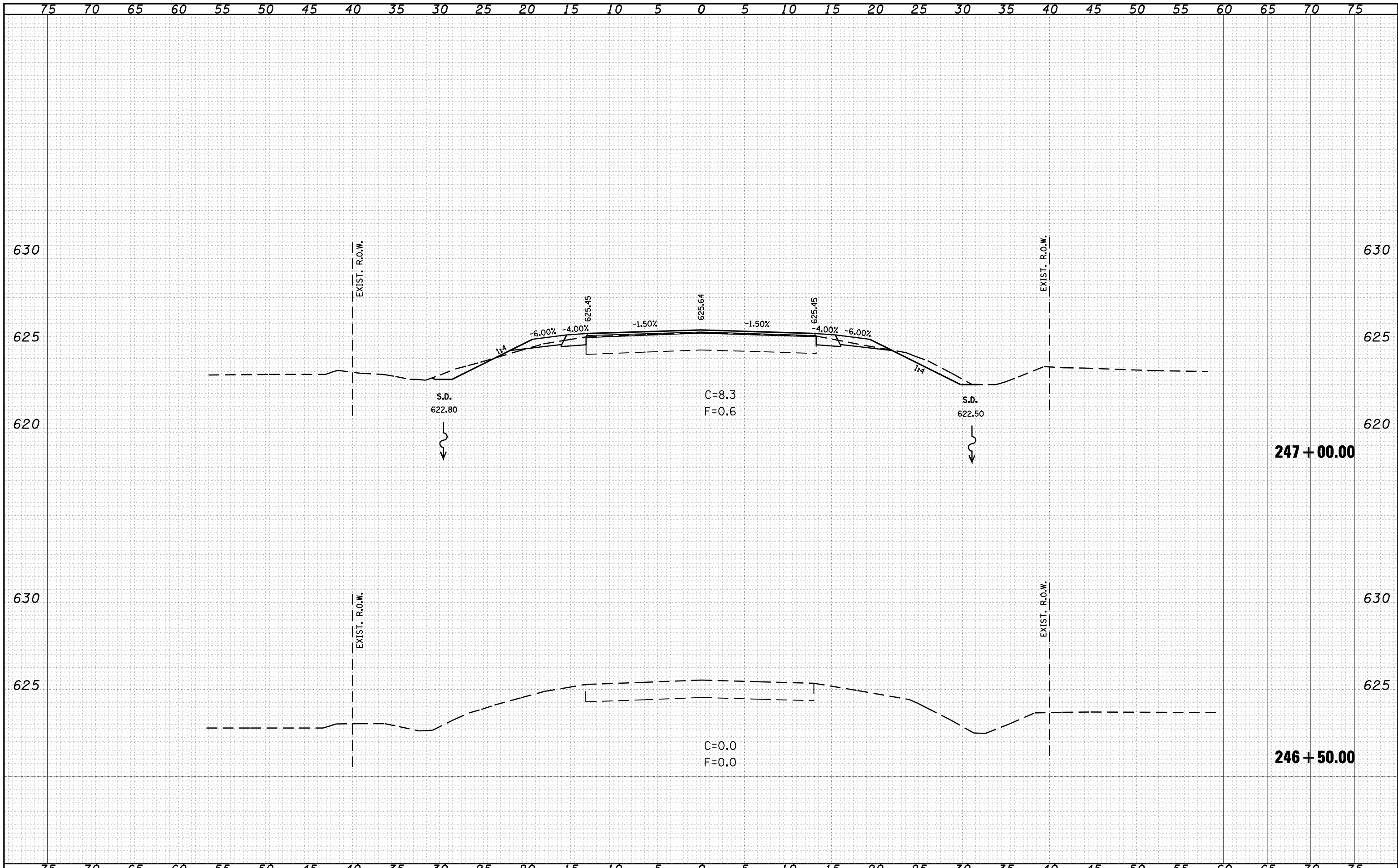
IL 125 CROSS SECTIONS

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. 169+50.00 TO STA. 169+50.00

F.A.P. RTE. 67	SECTION 105(RS-6) 106(RS-4)	COUNTY	TOTAL SHEETS 88	SHEET NO. 84
CONTRACT NO. 72C49			ILLINOIS FED. AID PROJECT	

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

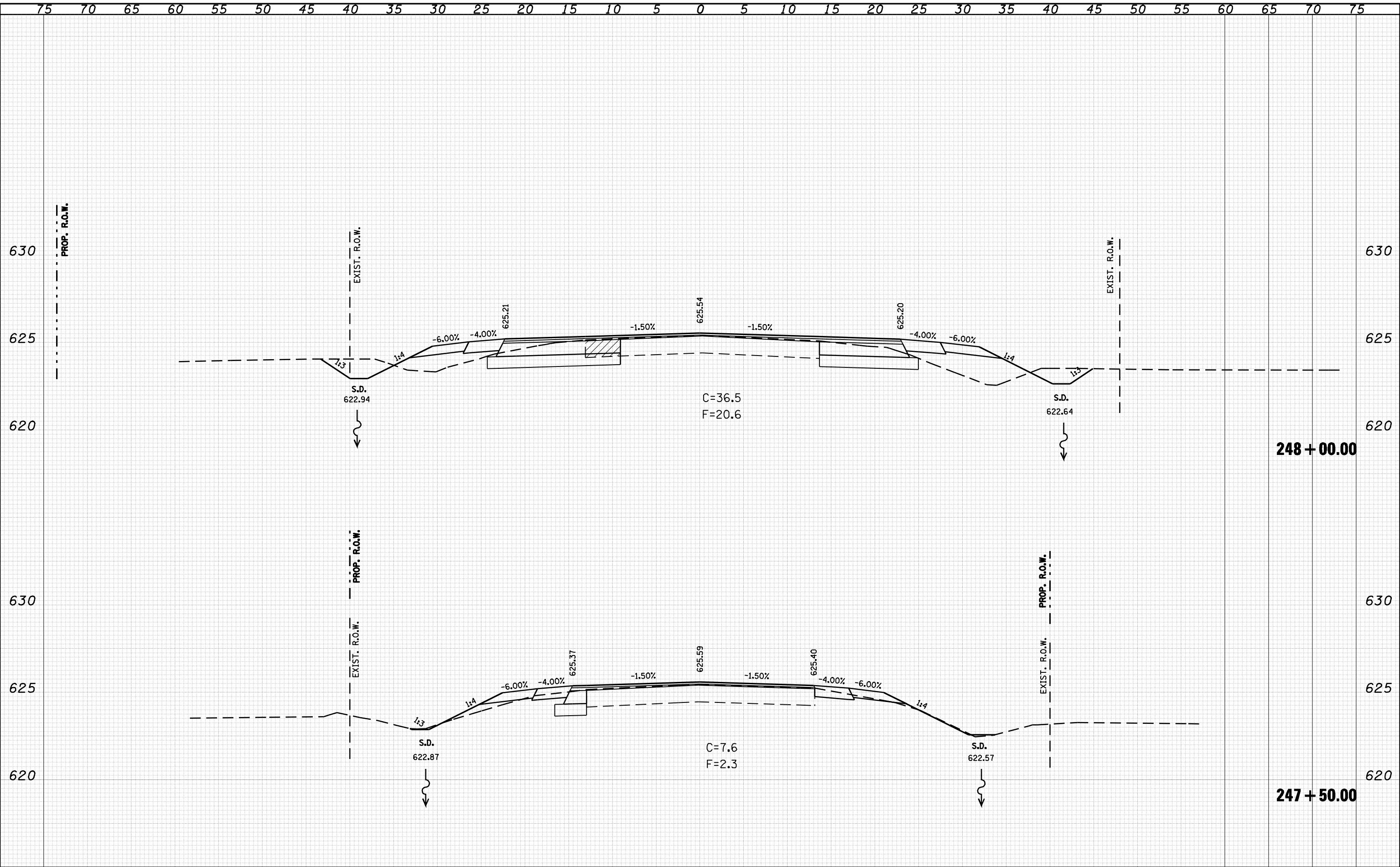
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



FILE NAME =	USER NAME = coxte	DESIGNED -	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 123 CROSS SECTIONS			F.A.P. RTE. 67	SECTION 105(RS-6) 106(RS-4)	COUNTY	TOTAL SHEETS 88	SHEET NO. 85		
c:\pwork\pwork\DOT\COXTE\dms22819\0672049-shr-IL123.dgn		DRAWN -	REVISIED -											
		CHECKED -	REVISIED -											
		DATE -	REVISIED -											
PLOT SCALE = 10.0000' / IN.					SCALE: 1' = 20'	SHEET NO. 1 OF 2 SHEETS	STA. 246+50.00 TO STA. 247+00.00	CONTRACT NO. 72C49		ILLINOIS FED. AID PROJECT				
PLOT DATE = Dec-18-2009 04:51:13PM					* CASS, SANGAMON									

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

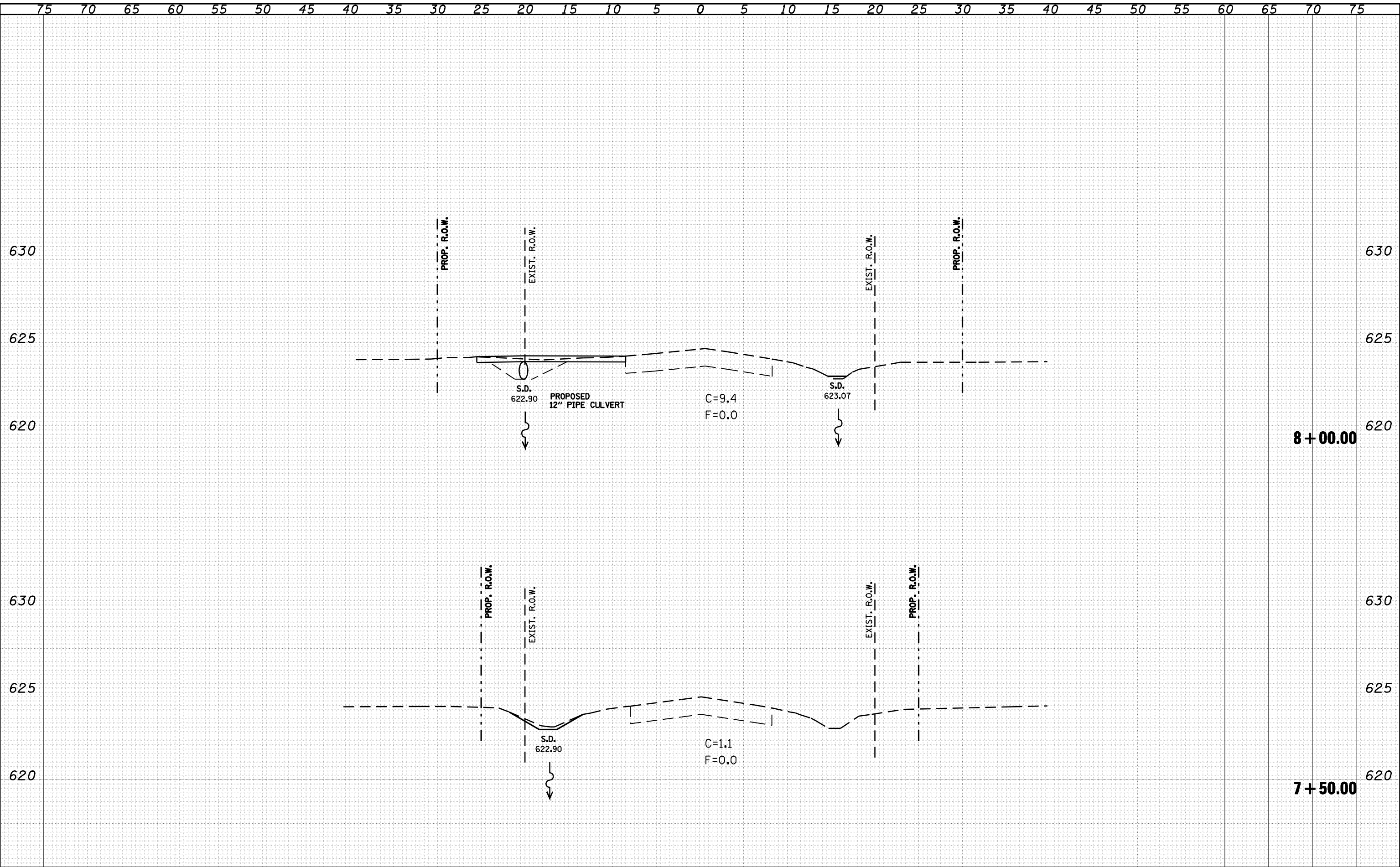
DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED



FILE NAME =	USER NAME = coxte	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION IL 123 CROSS SECTIONS SCALE: 1' = 20' SHEET NO. 2 OF 2 SHEETS STA. 247+50.00 TO STA. 248+00.00	F.A.P. RTE. 67	SECTION 105(RS-6) 106(RS-4)	COUNTY	TOTAL SHEETS 88	SHEET NO. 86
c:\pwwork\pwidot\coxte\dms22819\0672049-shr-1123.dgn		DRAWN -	REVISD -						
PLOT SCALE = 10.0000' / IN.		CHECKED -	REVISD -						
PLOT DATE = Dec-18-2009 04:51:15PM		DATE -	REVISD -						
								CONTRACT NO. 72C49	
								ILLINOIS FED. AID PROJECT	
								* CASS, SANGAMON	

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

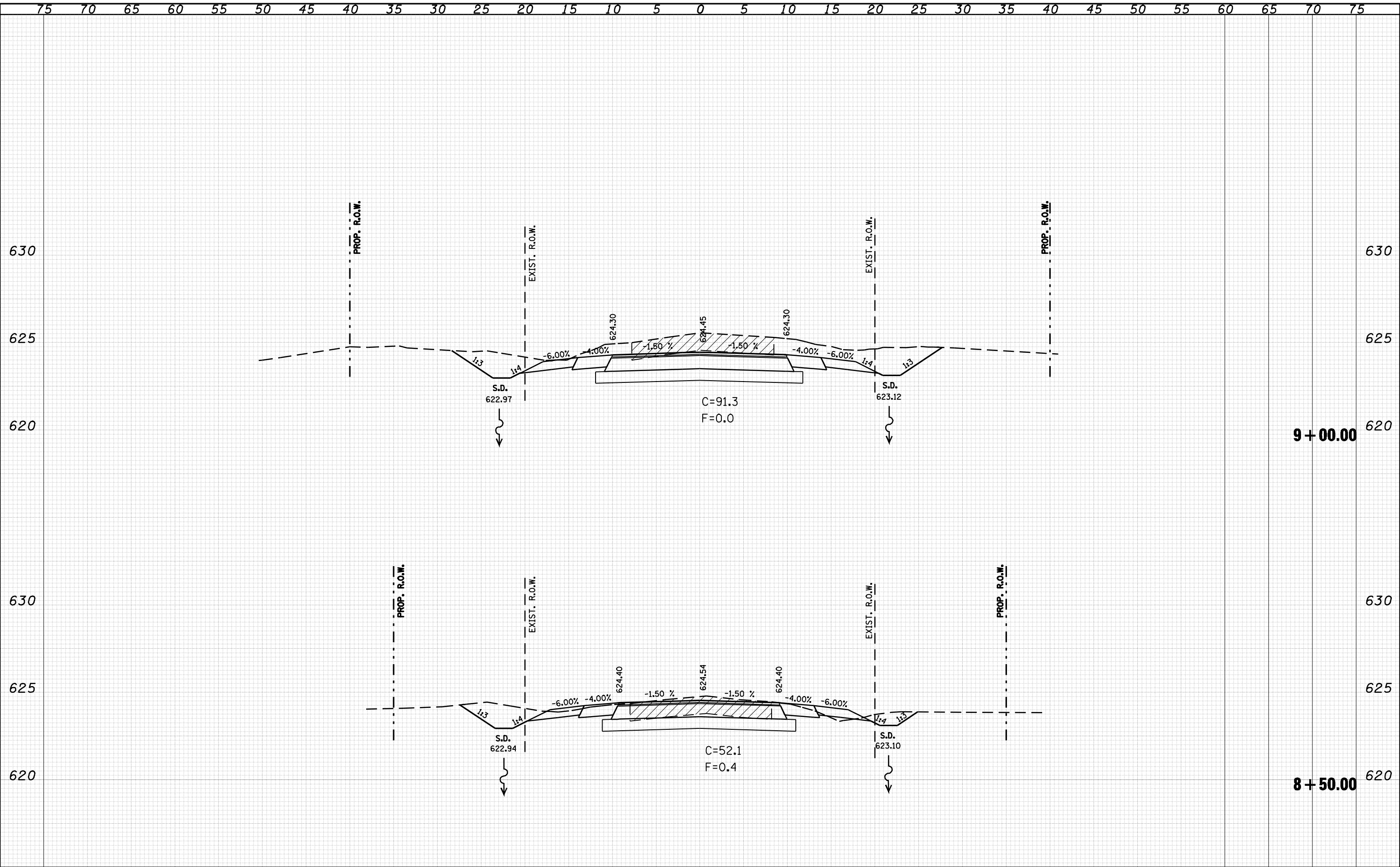
DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED



FILE NAME =	USER NAME = coxte	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TR 22 CROSS SECTIONS YANKEETOWN ROAD		F.A.P. RTE. 67	SECTION 105(RS-6) 106(RS-4)	COUNTY	TOTAL SHEETS 88	SHEET NO. 87	
c:\pwwork\pwidot\coxte\dms22819\0672049-xa-TR22.dgn		DRAWN -	REVISD -		SCALE: 1" = 20'	SHEET NO. 1 OF 2 SHEETS	STA. 7+50.00 TO STA. 8+00.00	CONTRACT NO. 72C49		ILLINOIS FED. AID PROJECT		
		CHECKED -	REVISD -									
		DATE -	REVISD -									

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 = coxte	DESIGNED -	REVISIED -
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		CHECKED -	REVISIED -
		DATE -	REVISIED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TR 22 CROSS SECTIONS
YANKEETOWN ROAD**

SCALE: 1" = 20' SHEET NO. 2 OF 2 SHEETS STA. 8+50.00 TO STA. 9+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	105(RS-6) 106(RS-4)		88	88
CONTRACT NO. 72C49			ILLINOIS FED. AID PROJECT	