

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	1
		ILLINOIS	CONTRACT NO. 72113	

* 127-3 = 124 TOTAL SHEETS
D-96-026-16 DOT#294260E
MP 159.81

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

F.A.S. ROUTE 1771A (OLD ROUTE 66)

SECTION D6 2015-7HSRR

PROJECT HSR - 1771 (002)

**PAVEMENT & RAIL CROSSING RECONSTRUCTION
LOGAN COUNTY**

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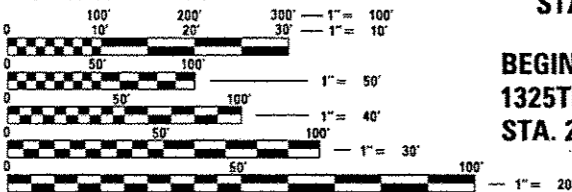
* SHEETS 34-36 DELETED.
FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2

FUNCTIONAL CLASSIFICATION

MAJOR COLLECTOR RURAL (OLD ROUTE 66)
2012 ADT = 3,230 (2035 ADT = 5,100)
P.V. = 90.0% S.U. = 6.0% M.U. = 4.0%

LOCAL RURAL ROAD (1010TH AVENUE)
2012 ADT = 2,560 (2035 ADT = 4,100)
P.V. = 92.0% S.U. = 5.0% M.U. = 3.0%

PROJECT OMISSION
BUSINESS 55
STA. 80 + 23.00 TO
STA. 89 + 14.00



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

DISTRICT 6 NO. (217) 782-7301

PROJECT ENGINEER: KEITH DONOVAN - (217) 782-4761

TOWNSHIP: BROADWELL
CONTRACT NO. 72113

END PROJECT
OLD ROUTE 66
STA. 125 + 96.47

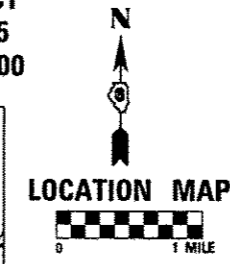
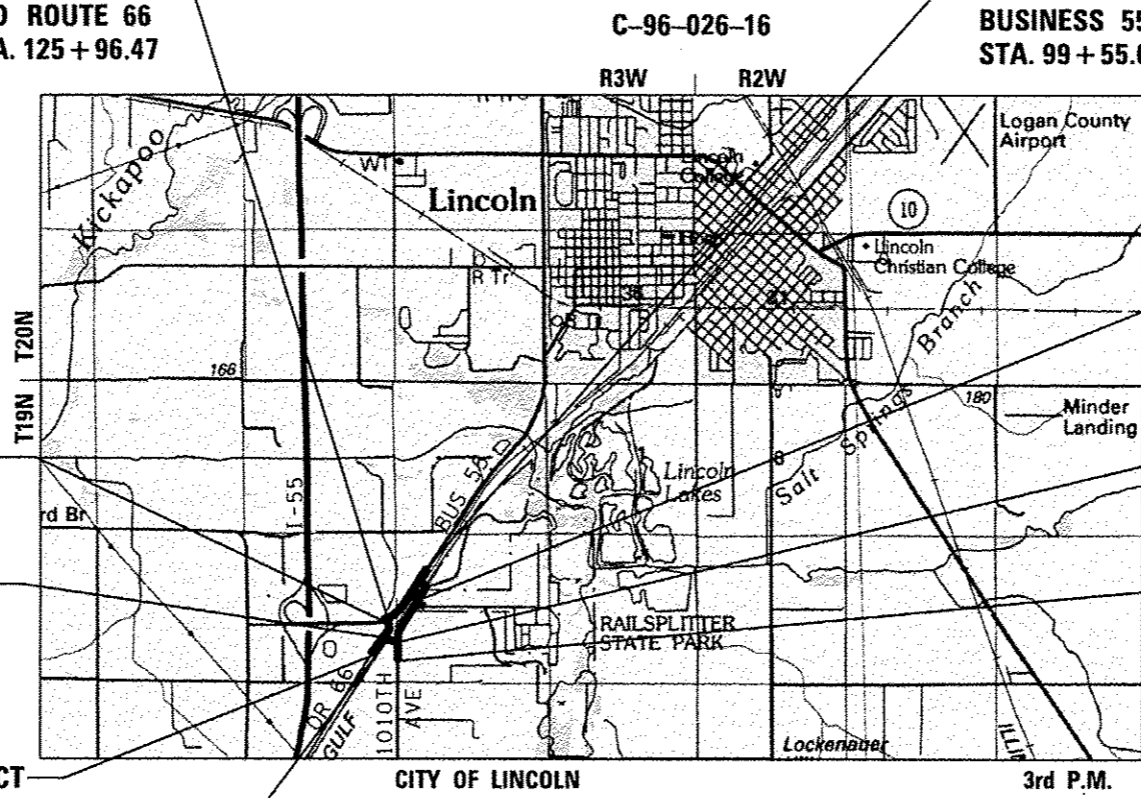
END PROJECT
BUSINESS 55
STA. 99 + 55.00

BEGIN PROJECT
BUSINESS 55
STA. 72 + 67.00

BEGIN PROJECT
1325TH STREET
STA. 200 + 30.99

BEGIN PROJECT
OLD ROUTE 66
STA. 101 + 45.00

RAILROAD OMISSION
1325TH STREET
STA. 201 + 88.60 TO
STA. 201 + 98.92



END PROJECT
1010TH AVENUE
STA. 376 + 50.00

END PROJECT
1325TH STREET
STA. 206 + 06.47

BEGIN PROJECT
1010TH AVENUE
STA. 355 + 10.00

	NET LENGTH	GROSS LENGTH
BUSINESS 55	1797.00 FT (0.340 MI)	2688.00 FT (0.509 MI)
OLD ROUTE 66	2451.47 FT (0.464 MI)	2451.47 FT (0.464 MI)
1010TH AVENUE	2140.00 FT (0.405 MI)	2140.00 FT (0.405 MI)
1325TH STREET	565.16 FT (0.107 MI)	575.48 FT (0.109 MI)
PROJECT TOTAL	6953.63 FT (1.316 MI)	7854.95 FT (1.487 MI)



James R. Push, P.E.
DATE: 12/11/2015
LICENSE NO.: 062-048736
EXPIRES: NOVEMBER 30, 2017

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED December 16, 2015
Roger Z. Dinkelmann
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Jan 29, 2016
Maureen M. Addis, P.E.
acting ENGINEER OF DESIGN AND ENVIRONMENT

Jan 29, 2016
Omer Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS**

HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
542001-04	CONCRETE END SECTIONS FOR PIPE CULVERTS 15" (375 MM) THRU 84" (2100 MM) DIAMETER
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542306-02	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
542311-05	TRAVERSABLE PIPE GRATE
542401-01	METAL END SECTION FOR PIPE CULVERTS
602011-02	CATCH BASIN, TYPE C
604086-03	FRAME AND GRATE, TYPE 23
606001-06	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
630001-10	STEEL PLATE BEAM GUARDRAIL
630301-06	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS > 45 MPH
701421-07	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS > 45 MPH TO 55 MPH
701901-04	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

COMMITMENTS

ALL EMERGENCY SERVICES, LOCAL POLICE, AND FIRE DEPARTMENTS, UTILITIES, SCHOOL DISTRICTS, SHALL BE NOTIFIED BY THE CONTRACTOR A MINIMUM OF 7 DAYS PRIOR ANY ROAD CLOSURES OR CHANGES IN TRAFFIC PATTERNS.

THE CONTRACTOR SHALL ADHERE TO ALL ENVIRONMENTAL REQUIREMENTS AS NOTED IN THE SPECIAL PROVISION "REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES".

THE HIGH SPEED RAIL PROJECT MANAGEMENT TEAM WILL COORDINATE WITH THE UPRR TO ENSURE RAILROAD CROSSING SURFACES ARE WIDE ENOUGH FOR EACH STAGE OF IDOT CONSTRUCTION.

HMA MIXTURE REQUIREMENTS

LOCATION	BUSINESS 55 / OLD ROUTE 66 1325TH STREET / 1010TH AVENUE			
	①	②	③	④
MIXTURE USE	FULL DEPTH SURFACE	FULL DEPTH TOP LIFT BINDER	LOWER LIFTS F.O./ SHOULDER/BASE CSE	SURFACE/ INCIDENTAL
PG GRADE	SBS PG 64 -28	SBS PG 64 -28	PG 64 -22	PG 64 -22
DESIGN AIR VOIDS	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50
MIXTURE COMPOSITION (GRAD. MIXTURE)	IL-9.5	IL-19.0	IL-19.0	IL-9.5
FRICITION AGG.	MIX "C"	N. A.	N. A.	MIX "C"

FULL DEPTH

①	SURFACE 2"
②	TOP BINDER 2.25"
③	LOWER LIFTS BINDER

SHOULDERS

④	TOP 2"
③	LOWER LIFTS

GENERAL NOTES

- NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET.
- PORTABLE/CHANGEABLE ELECTRONIC MESSAGE BOARDS SHALL BE USED IN ADVANCE OF THE PROJECT ACCORDING TO IDOT STANDARDS AND SHALL BE IN PLACE A MINIMUM OF 72 HOURS PRIOR TO COMMENCING THE WORK AND REMAIN THROUGHOUT THE ROADWAY CONSTRUCTION WORK.
- ALL UTILITIES, SCHOOL DISTRICTS, LOCAL POLICE, AND FIRE DEPARTMENTS SHALL BE NOTIFIED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL DEVELOP A PLAN TO ACCOMPLISH THIS WORK AND MINIMIZE DISRUPTION OF ACCESS. THIS PLAN SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
- THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTIES AT ALL TIMES DURING CONSTRUCTION OF THE PROJECT.
- BENCHMARKS FOR THE PROJECT ARE DESCRIBED IN THE PLANS AND ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88). ALL BEARINGS AND COORDINATES REFERENCED IN THE PLAN DRAWINGS AND ALL CONTROL COORDINATES ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD 83.
- THE SCALE SHOWN ON THE DRAWINGS APPLIES ONLY TO FULL SIZE PLANS AND NOT TO THE REDUCED SIZE PLANS. REDUCED SIZED PLANS CAN BE PRINTED TO SCALE FOR USE IN THE FIELD.
- THE CONTRACTOR SHALL KEEP EXISTING ADJACENT STREETS CLEAN OF DIRT, MUD, AND OTHER DEBRIS AND, WHEN NECESSARY, CLEAN SAID PAVEMENTS ON A DAILY BASIS OR WHEN DIRECTED BY THE ENGINEER. NO EXTRA COMPENSATION SHALL BE ALLOWED THE CONTRACTOR FOR THIS WORK.
- ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.
- 10-FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO EXISTING ITEMS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE ITEM OF WORK SPECIFIED.
- THE CONTRACTOR SHALL MAKE FULL DEPTH SAW CUTS REQUIRED FOR THE REMOVAL OF PAVEMENTS, CONCRETE CURB AND GUTTERS, SIDEWALKS AND DRIVEWAYS AS SPECIFIED, OR AS DIRECTED BY THE ENGINEER. THE COST SHALL BE CONSIDERED INCLUDED IN THE COST FOR REMOVAL OF THE SPECIFIED ITEM IN THE CONTRACT.
- A PROOF ROLL OF THE SUBGRADE IS REQUIRED PRIOR TO PLACING THE AGGREGATE BASE AND MUST BE OBSERVED BY THE ENGINEER.
- THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL BE REQUIRED TO SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK SHALL BE INCLUDED IN THE COST OF THE HMA SURFACE.
- EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
- BEFORE ORDERING BOX CULVERTS, PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.
- THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.
- FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.
- SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.
- ONLY THOSE TREES DESIGNATED BY THE ENGINEER OR LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.
- ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 1-800-892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. THE CONTRACTOR SHALL CONTACT THE MUNICIPALITY FOR ANY MUNICIPAL OWNED UTILITIES. (MINIMUM 48 HOURS NOTIFICATION IS REQUIRED) THE CONTRACTOR SHALL CALL THE UNION PACIFIC "CALL BEFORE YOU DIG" OPERATION AT 1-800-336-9193 FOR FIELD LOCATIONS OF UNION PACIFIC OWNED BURIED FIBER OPTIC CABLES IN UNION PACIFIC RIGHT OF WAY.
- EXISTING UTILITIES ARE SHOWN ON THE PLANS ACCORDING TO INFORMATION OBTAINED FROM THE LOCAL AGENCIES, OWNERS, AND FIELD SURVEYS. THE ACCURACY AND COMPLETENESS OF SAID INFORMATION IS NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE EXISTENCE, NATURE AND EXACT LOCATIONS OF ALL UTILITY LINES AND APPURTENANCES WITHIN THE LIMITS OF THE IMPROVEMENTS.

23. THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05 TONS/CU YD
AGGREGATE (PRIME COAT)	0.002 TONS/SQ YD
HMA PAVEMENTS	112 LBS/SQ YD/IN
SHORT TERM PAVEMENT MARKING	10 FT/100 FT OF APPLICATION
SUPPLEMENTAL WATERING	3 GAL/SQ YD/APPLICATION
NITROGEN FERTILIZER NUTRIENTS	90 LB/ACRE
PHOSPHOROUS FERTILIZER NUTRIENTS	90 LB/ACRE
POTASSIUM FERTILIZER NUTRIENTS	90 LB/ACRE
TEMPORARY EROSION CONTROL SEEDING	100 LB/ACRE

BITUMINOUS MATERIALS (PRIME COAT) RATES	
SURFACE TYPE	RESIDUAL RATE
AGGREGATE BASES	N/A
FOG COAT (BETWEEN ADDITIONAL HMA LIFTS)	0.025 GAL/SQ YD

- THE WORK REQUIRED TO CONNECT ANY SEWER TO AN EXISTING DRAINAGE STRUCTURE OR PIPE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE SEWER ITEMS.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN DRAINAGE FLOWS AT ALL TIMES DURING THE PERFORMANCE OF THE WORK. METHODS USED BY THE CONTRACTOR SHALL BE SUBJECT TO APPROVAL OF THE ENGINEER. THE COST OF MAINTAINING DRAINAGE FLOWS SHALL BE INCLUDED IN THE CONTRACT.
- THE STATION/OFFSET/ELEVATIONS NOTED FOR ALL DRAINAGE STRUCTURES LOCATED IN THE CURB LINE REFER TO THE POSITION OF THE ADJACENT PROPOSED EDGE OF PAVEMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE OFFSET NECESSARY TO THE STRUCTURES TO SET THE FRAME AND GRATES IN THE PROPER LOCATION. ALL OTHER STRUCTURES ARE DIMENSIONED TO THE CENTER OF THE STRUCTURE; ELEVATION INDICATES RIM GRADES.
- STORM SEWER, WATER MAIN REQUIREMENTS IS TO BE USED AT LOCATIONS WHERE:
 - HORIZONTAL SEPARATION BETWEEN THE SEWER AND WATER MAIN IS LESS THAN 10-FEET AND THE WATER MAIN INVERT IS LESS THAN 18-INCHES ABOVE THE STORM SEWER CROWN;
 - OR WHEN WATER MAIN CROSSES OVER STORM SEWER AND THE WATER MAIN INVERT IS LESS THAN 18-INCHES ABOVE THE STORM SEWER CROWN;
 - OR WHEN WATER MAIN CROSSES UNDER STORM SEWER AND THE WATER MAIN CROWN IS GREATER THAN 18-INCHES UNDER THE STORM SEWER THE STORM SEWER SHALL BE ENCASED IN WATER MAIN QUALITY PIPE. (PLACING STORM SEWER OVER WATER MAIN WITH LESS THAN 18-INCH VERTICAL SEPARATION IS NOT ALLOWED.)
- MEMBERS OF J.U.L.I.E. KNOWN TO BE WITHIN THE LIMITS OF THIS IMPROVEMENT ARE:
 - AMEREN ILLINOIS (OVERHEAD ELECTRIC)
 - FRONTIER COMMUNICATION (UNDERGROUND TELEPHONE)
 - LEVEL 3 COMMUNICATIONS (LONG DISTANCE UNDERGROUND FIBER OPTIC)
 - SPRINT (LONG DISTANCE UNDERGROUND FIBER OPTIC)
- NON-MEMBERS OF J.U.L.I.E. KNOWN TO BE WITHIN THE LIMITS OF THIS IMPROVEMENT ARE:
 - UNION PACIFIC RAILROAD COMPANY (FIBER OPTIC)
 - UNION PACIFIC RAILROAD COMPANY, IL HSR PROGRAM (RAILROAD SIGNALS)
- THE CONTRACTOR SHALL COORDINATE WITH THE UPRR SIGNAL DEPARTMENT FOR ITEMS INSTALLED BY THE UPRR SIGNAL DEPARTMENT.

DISTRICT SIX

EXAMINED September 29th 20 15
John C. [Signature]
 OPERATIONS ENGINEER

EXAMINED November 2 20 15
Ron [Signature]
 PROJECT IMPLEMENTATION ENGINEER

EXAMINED September 14 20 15
Jeff P. [Signature]
 PROGRAM DEVELOPMENT ENGINEER

FILE NAME: REFLEX



USER NAME: Varanishi	DESIGNED: CJK	REVISED:
PLOT SCALE: 50,000 / in	DRAWN: ATP	REVISED:
PLOT DATE: 12/15/2015	CHECKED: JRP	REVISED:
	DATE: 12/11/2015	REVISED:

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**HIGHWAY STANDARDS, GENERAL
NOTES AND COMMITMENTS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	06 2015-7HSRR	LOGAN	127	2
			CONTRACT NO.	72113
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY	CULVERT STA 123+13.63	CULVERT STA 201+31.37
				100% HSR	100% HSR	100% HSR
				100% FED 0004	100% FED 0040	100% FED 0040
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	90	90		
20100500	TREE REMOVAL, ACRES	ACRE	1.50	1.50		
20200100	EARTH EXCAVATION	CU YD	18946	18946		
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	7011	7011		
20400800	FURNISHED EXCAVATION	CU YD	46869	46869		
20800150	TRENCH BACKFILL	CU YD	292	292		
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	44575	44575		
21301052	EXPLORATION TRENCH 52" DEPTH	FOOT	1200	1200		
25000200	SEEDING, CLASS 2	ACRE	9.50	9.50		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	836	836		
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	836	836		
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	836	836		
25100115	MULCH, METHOD 2	ACRE	8.00	8.00		
25100630	EROSION CONTROL BLANKET	SO YD	6221	6221		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	927	927		

* =SPECIALTY ITEM

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USER NAME = james.push	DESIGNED - CJC	REVISED -
PLOT SCALE = 40.0000' / 1"	DRAWN - ATP	REVISED -
PLOT DATE = 12/10/2015	CHECKED - JRP	REVISED -
	DATE - 12/11/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 1 OF 7 SHEETS STA. TO STA.

F.A.S. RTE. 1771A	SECTION 06 2015-7HSRR	COUNTY LOGAN	TOTAL SHEETS 127	SHEET NO. 3
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72113	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY	CULVERT STA 123+13.63	CULVERT STA 201+31.37
				100% HSR	100% HSR	100% HSR
				100% FED	100% FED	100% FED
				0004	0040	0040
28000305	TEMPORARY DITCH CHECKS	FOOT	735	735		
28000400	PERIMETER EROSION BARRIER	FOOT	11511	11511		
28000500	INLET AND PIPE PROTECTION	EACH	2	2		
28100107	STONE RIPRAP, CLASS A4	SO YD	235	235		
28200200	FILTER FABRIC	SO YD	235	235		
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SO YD	21305	21305		
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SO YD	587	587		
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	59	59		
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	240	240		
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	97680	97680		
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	447	447		
40603230	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	130	130		
40603510	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	116	116		
40701856	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 8 3/4"	SO YD	8757	8757		

* =SPECIALTY ITEM

FILE NAME: c:\projects\logans\1275\1275\1275\SUMMARY-SHT-500.dgn



USER NAME : james.push
 PLOT SCALE : 40.0000 "/>

DESIGNED - CJC
 DRAWN - ATP
 CHECKED - JRP
 DATE - 12/11/2015

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	DB 2015-7HSRR	LOGAN	127	4
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72113	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY	CULVERT STA 123+13.63	CULVERT STA 201+31.37
				100% HSR	100% HSR	100% HSR
				100% FED	100% FED	100% FED
				0004	0040	0040
40701916	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 11 3/4"	SO YD	9607	9607		
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	34	34		
42001300	PROTECTIVE COAT	SO YD	184	184		
44000100	PAVEMENT REMOVAL	SO YD	14533	14533		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	212	212		
44004250	PAVED SHOULDER REMOVAL	SO YD	822	822		
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SO YD	2176	2176		
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SO YD	4529	4529		
48203045	HOT-MIX ASPHALT SHOULDERS, 12"	SO YD	395	395		
50105220	PIPE CULVERT REMOVAL	FOOT	538	538		
50800105	REINFORCEMENT BARS	POUND	47480		4080	43400
54002020	EXPANSION BOLTS 3/4 INCH	EACH	22		22	
54003000	CONCRETE BOX CULVERTS	CU YD	251.0		22.5	228.5
54213471	END SECTIONS 36"	EACH	1	1		

* =SPECIALTY ITEM

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USER NAME : jamaa.push
 DESIGNED - CJG
 DRAWN - ATP
 CHECKED - JRP
 DATE - 12/11/2015

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 3 OF 7 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	5
CONTRACT NO. 72113			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY	CULVERT STA 123+13.63	CULVERT STA 201+31.37
				100% HSR	100% HSR	100% HSR
				100% FED	100% FED	100% FED
				0004	0040	0040
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	1	1		
54213687	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 42"	EACH	2	2		
54213693	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 48"	EACH	2	2		
54214305	END SECTIONS, EQUIVALENT ROUND-SIZE 30"	EACH	1	1		
54214515	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 30"	EACH	1	1		
54215553	METAL END SECTIONS 18"	EACH	6	6		
54215565	METAL END SECTIONS 30"	EACH	4	4		
54260311	TRAVERSABLE PIPE GRATE	FOOT	30	30		
542A0241	PIPE CULVERTS, CLASS A, TYPE 1 36"	FOOT	86	86		
542A1087	PIPE CULVERTS, CLASS A, TYPE 2 42"	FOOT	131	131		
542A1933	PIPE CULVERTS, CLASS A, TYPE 3 48"	FOOT	152	152		
542A5485	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 30"	FOOT	55	55		
542C0223	PIPE CULVERTS, CLASS C, TYPE 1 18"	FOOT	108	108		
542C1075	PIPE CULVERTS, CLASS C, TYPE 2 30"	FOOT	117	117		

* =SPECIALTY ITEM

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PLOT SCALE = 40.0000' / in.	DRAWN - ATP	REVISED -
PLOT DATE = 12/10/2015	CHECKED - JRP	REVISED -
	DATE - 12/11/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 4 OF 7 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	06 2015-7HSRR	LOGAN	127	6
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72113	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY	CULVERT STA 123+13.63	CULVERT STA 201+31.37
				100% HSR	100% HSR	100% HSR
				100% FED	100% FED	100% FED
				0004	0040	0040
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	18	18		
55100500	STORM SEWER REMOVAL 12"	FOOT	66	66		
60206600	CATCH BASINS, TYPE B, TYPE 7 GRATE	EACH	1	1		
60201330	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	1	1		
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	1	1		
60500040	REMOVING MANHOLES	EACH	1	1		
60500060	REMOVING INLETS	EACH	2	2		
60608582	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24	FOOT	70	70		
60622320	CONCRETE MEDIAN, TYPE SM-4.24	SQ FT	108	108		
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	800	800		
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	11	11		
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	7	7		
67100100	MOBILIZATION	LSUM	1	1		

* =SPECIALTY ITEM

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USER NAME : james.push	DESIGNED - CJC	REVISED -
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PLOT DATE = 12/10/2015	CHECKED - JRP	REVISED -
	DATE - 12/11/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 5 OF 7 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	06 2015-7HSRR	LOGAN	127	7
CONTRACT NO.			72113	
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY	CULVERT STA 123+13.63	CULVERT STA 201+31.37
				100% HSR	100% HSR	100% HSR
				100% FED	100% FED	100% FED
				0004	0040	0040
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	LSUM	1	1		
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	LSUM	1	1		
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	20	20		
70106800	CHANGEABLE MESSAGE SIGN	CAL MD	16	16		
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	6010	6010		
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	1376	1376		
* 72000100	SIGN PANEL - TYPE 1	SO FT	144	144		
* 72400310	REMOVE SIGN PANEL - TYPE 1	SO FT	144	144		
* 72400710	RELOCATE SIGN PANEL - TYPE 1	SO FT	23	23		
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	47	47		
* 72900100	METAL POST - TYPE A	FOOT	178	178		
* 72900200	METAL POST - TYPE B	FOOT	157	157		
* 78004200	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS	SO FT	458	458		
* 78004280	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24"	FOOT	298	298		

* =SPECIALTY ITEM

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SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY	CULVERT STA 123+13.63	CULVERT STA 201+31.37
				100% HSR	100% HSR	100% HSR
				100% FED	100% FED	100% FED
				0004	0040	0040
* 78009005	MODIFIED URETHANE PAVEMENT MARKING - LINE 5"	FOOT	24135	24135		
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	1823	1823		
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	526	526		
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	761	761		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	228	228		
* 78200300	PRISMATIC CURB REFLECTOR	EACH	33	33		
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	12	12		
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	2		
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	1		
Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1		
Z0022800	FENCE REMOVAL	FOOT	549	549		
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	84	84		
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	LSUM	1	1		

* =SPECIALTY ITEM

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 DRAWN - ATP
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 DATE - 12/11/2015

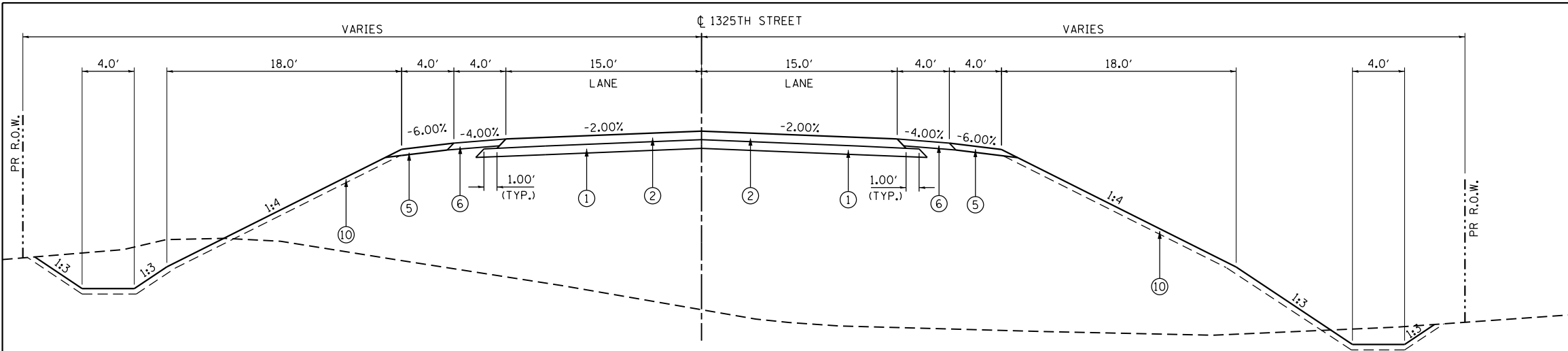
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

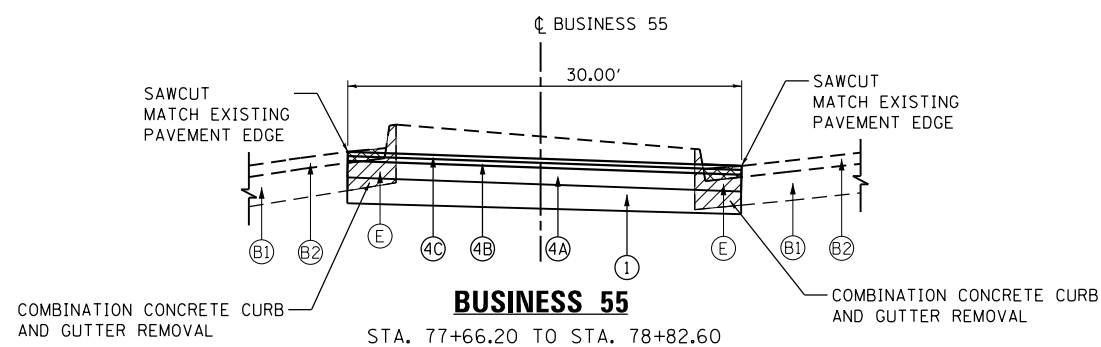
SUMMARY OF QUANTITIES

SCALE: SHEET 7 OF 7 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	9
CONTRACT NO. 72113			ILLINOIS FED. AID PROJECT	



1325TH STREET
STA. 201+33.23 TO STA. 204+68.65



BUSINESS 55
STA. 77+66.20 TO STA. 78+82.60

REMOVAL LEGEND

- PAVEMENT REMOVAL
- CURB AND GUTTER REMOVAL
- PAVED SHOULDER REMOVAL

EXISTING PAVEMENT LEGEND

- (B1) PCC PAVEMENT (ESTIMATE 12" DEPTH)
- (B2) HMA PAVEMENT (ESTIMATE 4" DEPTH)
- (C) HMA SHOULDER (ESTIMATE 10" DEPTH)
- (E) COMBINATION CURB & GUTTER TYPE B-9.24

PROPOSED PAVEMENT LEGEND

- (1) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (2) HOT MIX ASPHALT PAVEMENT (FULL DEPTH), 8 3/4"
- (4A) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 (7 3/4")
- (4B) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 (2 1/4")
- (4C) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (2")
- (5) AGGREGATE SHOULDERS, TYPE B 6"
- (6) HOT MIX ASPHALT SHOULDERS, 6"
- (7) HOT MIX ASPHALT SHOULDERS, 12"
- (8) COMBINATION CONCRETE CURB AND GUTTER TYPE M-4.24
- (9) TIE BARS (NOT PAID SEPARATELY)
- (10) TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 2 MULCH, METHOD 2

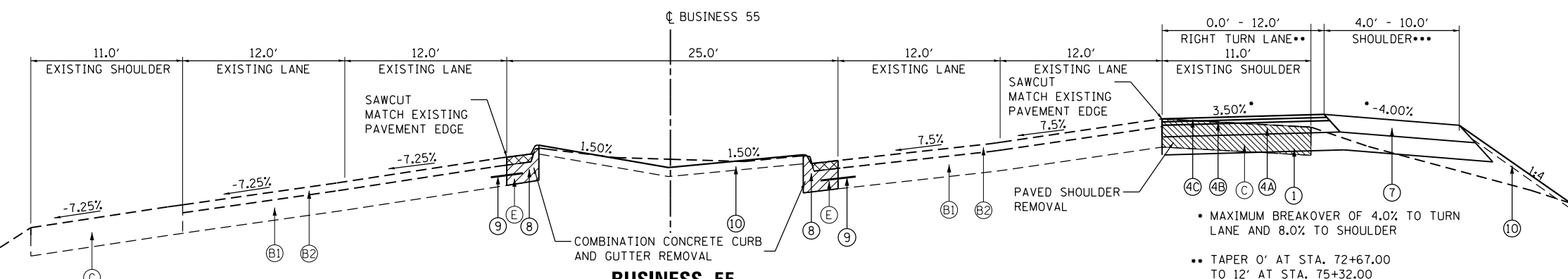
STRUCTURAL PAVEMENT DESIGN INFORMATION

(1325TH STREET)

STRUCTURAL DESIGN TRAFFIC:	YEAR 2025
PV = 3088	SU = 168 MU = 101
ROAD / STREET CLASSIFICATION: CLASS I	
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = 50%	S = 50% M = 50%
TRAFFIC FACTOR: ACTUAL TF = 0.58	
PG GRADE: BINDER = PG 64 -22 SURFACE = PG 70 -22	
SUBGRADE SUPPORT RATING: SSR = POOR (ASSUMED)	

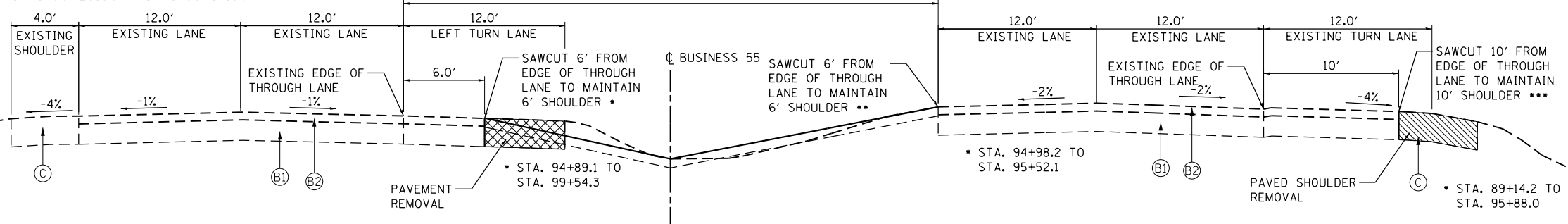
(BUSINESS 55)

STRUCTURAL DESIGN TRAFFIC:	YEAR 2025
PV = 7853	SU = 524 MU = 349
ROAD / STREET CLASSIFICATION: CLASS I	
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = 32%	S = 45% M = 45%
TRAFFIC FACTOR: ACTUAL TF = 2.15	
PG GRADE: BINDER = PG 64 -22 SURFACE = PG 70 -22	
SUBGRADE SUPPORT RATING: SSR = POOR (ASSUMED)	



BUSINESS 55
STA. 72+67.00 TO STA. 80+23.00
MEDIAN IMPROVEMENT BEGINS AT STA. 77+66.22
VARIES 28.0'-40.0'

PROJECT OMISSION
BUSINESS 55
STA. 80+23.00 - STA. 89+14.00



BUSINESS 55
STA. 89+14.00 TO STA. 99+55.00

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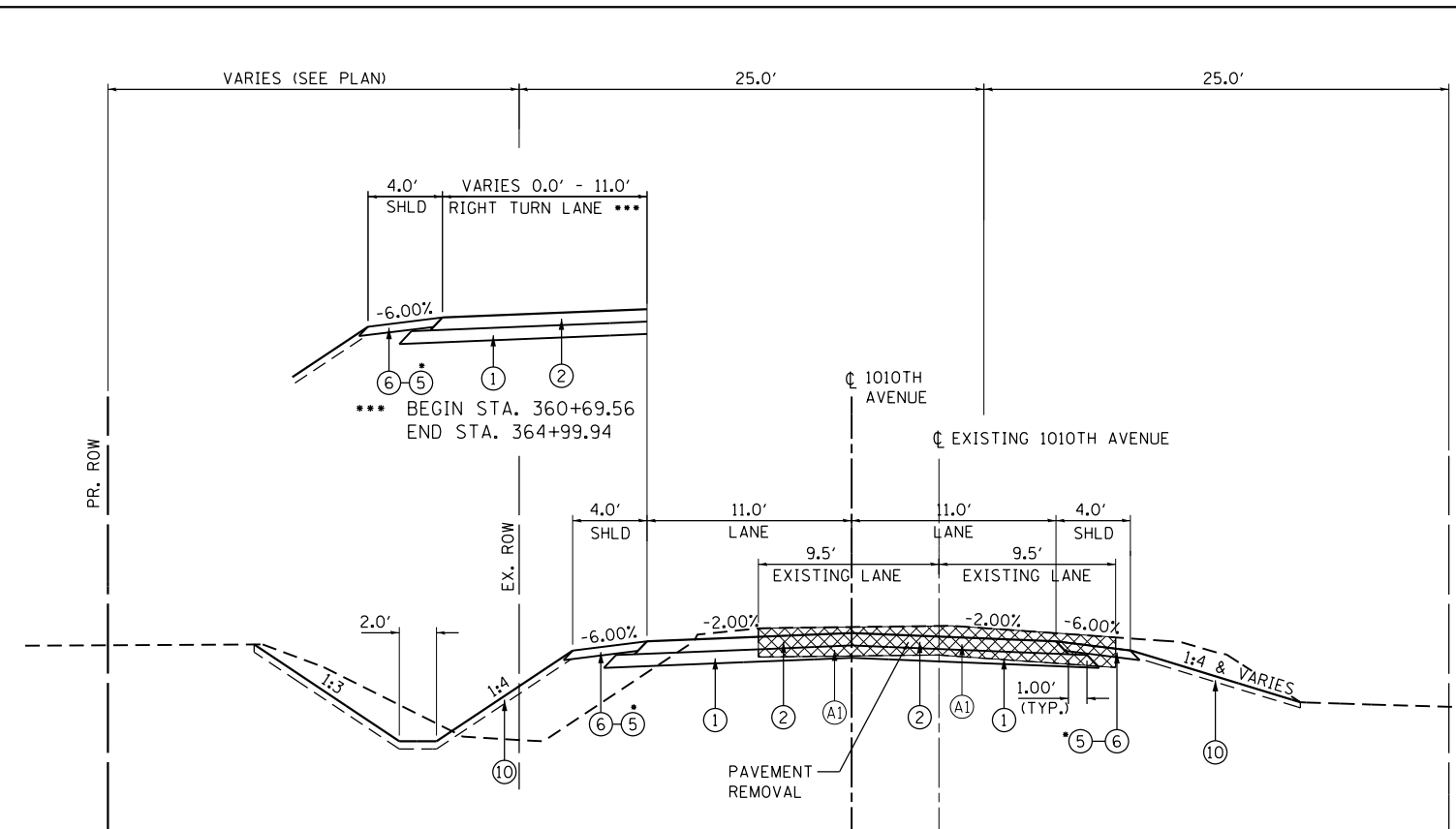
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PLOT DATE = 12/10/2015	CHECKED - JRP	REVISED -
	DATE - 12/11/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
1325TH STREET AND BUSINESS 55

SCALE: NTS SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	10
CONTRACT NO. 72113			ILLINOIS FED. AID PROJECT	



1010TH AVENUE
STA. 355+10.00 TO STA. 376+50.00

• AGGREGATE SHOULDERS WILL BE USED SOUTH OF THE INTERSECTION WITH 1325TH STREET. NO AGGREGATE SUBGRADE IMPROVEMENT UNDER AGGREGATE SHOULDERS

PROPOSED PAVEMENT LEGEND

- ① AGGREGATE SUBGRADE IMPROVEMENT 12"
- ② HOT MIX ASPHALT PAVEMENT (FULL DEPTH), 8 3/4"
- ③ HOT MIX ASPHALT PAVEMENT (FULL DEPTH), 11 3/4"
- ⑤ AGGREGATE SHOULDERS, TYPE B 6"
- ⑥ HOT MIX ASPHALT SHOULDERS, 6"
- ⑩ TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 2 MULCH, METHOD 2

EXISTING PAVEMENT LEGEND

- Ⓐ1 HMA PAVEMENT (ESTIMATE 8.75" DEPTH)
- Ⓐ2 HMA PAVEMENT (ESTIMATE 11.75" DEPTH)

REMOVAL LEGEND



STRUCTURAL PAVEMENT DESIGN INFORMATION

(1010TH AVE)

STRUCTURAL DESIGN TRAFFIC: YEAR 2025
 PV = 3156 SU = 172 MU = 103

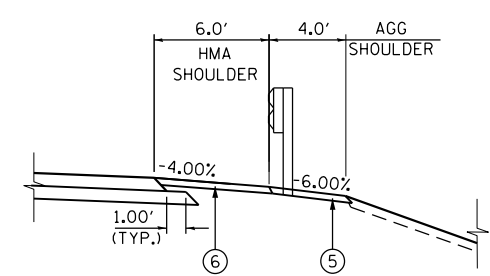
ROAD / STREET CLASSIFICATION: CLASS II

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
 P = 50% S = 50% M = 50%

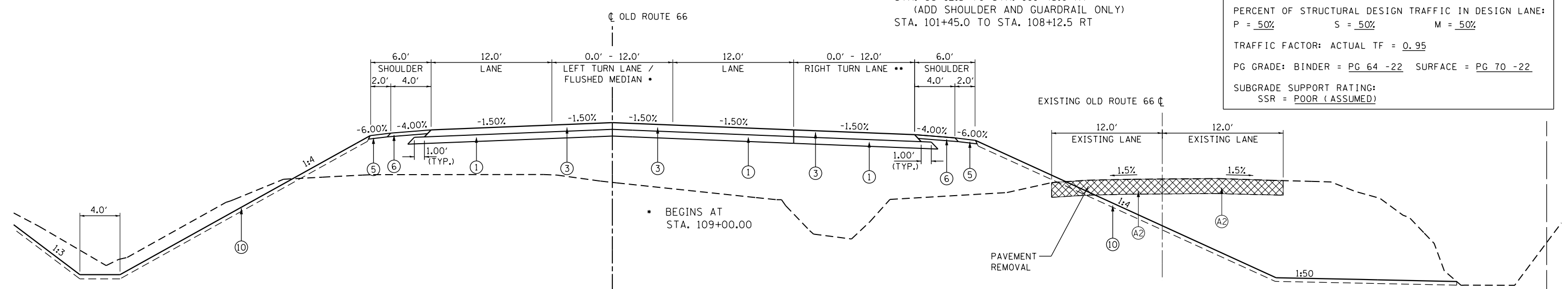
TRAFFIC FACTOR: ACTUAL TF = 0.59

PG GRADE: BINDER = PG 64 -22 SURFACE = PG 70 -22

SUBGRADE SUPPORT RATING:
 SSR = POOR (ASSUMED)



STA. 99+12.5 TO STA. 101+45.0 RT (ADD SHOULDER AND GUARDRAIL ONLY)
 STA. 101+45.0 TO STA. 108+12.5 RT



OLD ROUTE 66
STA. 101+45.00 TO STA. 125+96.47
 • BEGINS AT STA. 109+00.00
 •• BEGINS AT STA. 112+60.00 ENDS AT STA. 116+20.20

•• BEGINS AT STA. 112+60.00 ENDS AT STA. 116+20.20

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	DRAWN - ATP	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - JRP	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
1010TH AVENUE AND OLD ROUTE 66

SCALE: NTS SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	11
CONTRACT NO.			72113	
ILLINOIS FED. AID PROJECT				

TREE REMOVAL					TREE REMOVAL	
STATION	STATION	ROADWAY	LOCATION	TREE SIZE	6-15 U. D. (UNIT)	(ACRE)
111+47.0		OLD RT 66	6.0' RT	12 U. D.	12	
111+47.0		OLD RT 66	3.0' RT	8 U. D.	8	
201+14.0	205+50.0	1325TH	-			1.28
355+88.0		1010TH	24.0' LT	12 U. D.	12	
355+89.0		1010TH	25.0' LT	12 U. D.	12	
355+94.0		1010TH	30.0' LT	12 U. D.	12	
355+99.0		1010TH	22.0' LT	10 U. D.	10	
356+02.0		1010TH	25.0' LT	12 U. D.	12	
356+34.0	357+07.0	1010TH	LT			0.02
362+87.5	365+18.0	1010TH	LT			0.10
374+50.0		1010TH	20.5' LT	12 U. D.	12	
TOTALS					90	1.50

PAVEMENT, CURB, PIPE CULVERT, FENCE REMOVALS												
STATION	STATION	ROADWAY	LOCATION	PAVEMENT REM (SQ YD)	COMB CURB GUTTER REM (FOOT)	PAVED SHLD REMOVAL (SQ YD)	PIPE CULVERT REMOV (FOOT)	STORM SEWER REM 12 (FOOT)	REMOV MANHOLES (EACH)	REMOV INLETS (EACH)	FENCE REMOVAL (FOOT)	
72+67.8	80+22.4	BUS 55	RT	103		822						
77+66.2	78+60.6	BUS 55	MEDIAN		212							
77+66.2	78+82.6	BUS 55	MEDIAN	138								
77+98.0		BUS 55	0.5' LT						1			
77+98.0		BUS 55	0-10' RT					66				
77+98.0		BUS 55	10.5' RT							1		
78+19.0	79+15.5	BUS 55	RT				100					
78+50.0		BUS 55	10' RT							1		
89+14.0	95+88.0	BUS 55	RT	291								
94+89.1	99+55.0	BUS 55	MEDIAN	390								
101+45.0	113+00.0	OLD RT 66	MAINLINE	3080								
101+69.5	101+69.5	OLD RT 66	CROSS				45					
113+00.0	125+00.0	OLD RT 66	MAINLINE	3200								
120+38.0	121+76.3	OLD RT 66	OLD DETOUR	882			143					
125+00.2	126.15.7	OLD RT 66	ML AT BUS 55	384								
121+65.0	121+71.0	OLD RT 66	RT				68					
203+61.0		1325TH	CROSS								240	
355+10.0	368+00.0	1010TH	MAINLINE	2723								
356+09.5	356+30.5	1010TH	LT				21					
356+96.5	357+26.0	1010TH	LT				30					
361+34.0		1010TH	LT								196	
363+20.0		1010TH	LT								113	
365+00.0		1010TH	50' LT				8					
368+00.0	376+50.0	1010TH	MAINLINE	1795								
374+00.0	375+55.0	1350TH	MAINLINE	802								
371+46.5	371+53.0	1010TH	CROSS				39					
371+53.0	371+55.0	1010TH	LT				49					
375+96.5	375+98.5	1010TH	CROSS				35					
382+91.5	383+50.0	1010TH	REM AT TRACKS	745								
TOTALS				14533	212	822	538	66	1	2	549	

PAVEMENT MARKING												
STATION	STATION	ROADWAY	TEMP PVT MK LINE 4 (FOOT)	WORK ZONE PAVT MK REM (SQ FT)	PREF PL PM TB INL L&S (SQ FT)	PREF PL PM TB INL L24 (FOOT)	MOD URETH PM LINE 5 (FOOT)	MOD URETH PM LINE 6 (FOOT)	MOD URETH PM LINE 8 (FOOT)	MOD URETH PM LINE 12 (FOOT)	RAISED REFL PAVT MKR (EACH)	PRISMATIC CURB REFL (EACH)
72+67.0	99+55.0	BUS 55	6010	1376	116		1966	649	268	155	16	33
101+45.0	113+00.0	OLD RT 66					5333	42		146	46	
113+00.0	125+96.5	OLD RT 66			172	80	6199	866	37	387	78	
200+31.0	206+06.5	1325TH			123	155	2277			43	24	
355+10.0	368+00.0	1010TH			47	63	4977	266			44	
368+00.0	376+50.0	1010TH					3383		221	30	20	
TOTALS			6010	1376	458	298	24135	1823	526	761	228	33

EARTHWORK SCHEDULE							
STATION	STATION	ROADWAY	EARTH EXCAVATION (CU YD)	•REMOVAL AND DISPOSAL UNSUITABLE (CU YD)	••EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (CU YD)	••• EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) SHORTAGE (-) (CU YD)
72+67.0	80+22.0	BUS 55	931	93	751	19	732
89+14.0	99+54.0	BUS 55	90	44	72	291	(219)
99+12.5	113+00.0	OLD RT 66	5,843	1,742	4,718	9,637	(4,919)
113+00.0	125+83.0	OLD RT 66	6,506	2,744	5,254	39,696	(34,442)
200+90.0	205+75.0	1325TH	1,873	798	1,512	10,353	(8,841)
352+01.5	368+00.0	1010TH	1,830	1,019	1,477	1,855	(378)
368+00.0	376+50.0	1010TH	1,873	571	1,513	315	1,198
TOTALS			18,946	7,011	15,297	62,166	(46,869)

- TOPSOIL REMOVAL SHOWN ON CROSS SECTIONS
+ ASSUME APPROXIMATE ADDITIONAL 5% OF EXCAVATED MATERIAL TO BE UNSUITABLE.
- ASSUMED SHRINKAGE FACTOR = 15%
- FILL AS SHOWN ON THE CROSS SECTIONS
+ ASSUMED UNSUITABLE (5%) EXCAVATED MATERIAL TO BE FILLED.

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	DRAWN - ATP	REVISED -
PLOT SCALE = 48.0000' / in.	CHECKED - JRP	REVISED -
PLOT DATE = 12/10/2015	DATE - 12/11/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES

SCALE: NONE SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.S. RTE. 1771A	SECTION D6 2015-7HSRR	COUNTY LOGAN	TOTAL SHEETS 127	SHEET NO. 12
CONTRACT NO. 72113			ILLINOIS FED. AID PROJECT	

LANDSCAPING AND EROSION CONTROL

STATION	STATION	ROADWAY	SIDE	TOPSOIL F & P 4 (SQ YD)	SEEDING CL 2 (ACRE)	NITROGEN FERT NUTR (POUND)	PHOSPHORUS FERT NUTR (POUND)	POTASSIUM FERT NUTR (POUND)	MULCH METHOD 2 (ACRE)	EROSION CONTR BLANKET (SQ YD)	TEMP EROS CONTR SEED (POUND)	TEMP DITCH CHECKS (FOOT)	PERIMETER EROS BAR (FOOT)	INLET & PIPE PROTECT (EACH)	STONE RIPRAP CL A4 (SQ YD)	FILTER FABRIC (SQ YD)
72+67.0	80+22.0	BUS 55	RT	1292	0.28	25	25	25	0.27		27		970	2		
77+66.0	78+05.0	BUS 55	MED.	88	0.02	2	2	2	0.02		2					
89+14.0	95+88.0	BUS 55	RT	1812	0.39	34	34	34	0.38		38		803			
94+89.0	99+55.0	BUS 55	MED.	751	0.16	14	14	14	0.16		16					
101+45.0	113+00.0	OLD RT 66	LT	5642	1.20	105	105	105	0.81	1783	117	180	1160			
101+45.0	113+00.0	OLD RT 66	RT	5510	1.17	103	103	103	1.15		114		1155			
113+00.0	125+00.0	OLD RT 66	LT	8293	1.76	155	155	155	1.41	1496	172	180	1114		40	40
113+00.0	125+00.0	OLD RT 66	RT	9524	2.02	178	178	178	1.99		197		1473		78	78
200+90.0	205+50.0	1325TH	LT	1908	0.41	36	36	36	0.32	360	40	50	429		50	50
200+90.0	205+50.0	1325TH	RT	2390	0.51	45	45	45	0.39	515	50	105	368			
355+10.0	368+00.0	1010TH	LT	3447	0.74	65	65	65	0.49	1132	72	140	961			
355+10.0	368+00.0	1010TH	RT	964	0.21	18	18	18	0.20		20		1272			
368+00.0	376+50.0	1010TH	LT	2314	0.49	44	44	44	0.28	935	48	80	855		67	67
368+00.0	376+50.0	1010TH	RT	640	0.14	12	12	12	0.13		14		951			
TOTALS				44575	9.50	836	836	836	8.00	6221	927	735	11511	2	235	235

CULVERT PIPES, END SECTIONS STORM SEWER, AND STORM STRUCTURES

STATION	STATION	ROADWAY	LOCATION	STRUCTURE CODE	PIPE CODE	TRENCH BACKFILL (CU YD)	P CUL CL A 1 36 (FOOT)	P CUL CL A 2 42 (FOOT)	P CUL CL A 3 48 (FOOT)	P CUL CL A 1 EQRS 30 (FOOT)	P CUL CL C 1 18 (FOOT)	P CUL CL C 2 30 (FOOT)	END SECTIONS 36 (EACH)	PRC FLAR END SEC 36 (EACH)	PRC FLAR END SEC 42 (EACH)	PRC FLAR END SEC 48 (EACH)	END SEC EQV R-S 30 (EACH)	PRC FL END S EQ RS 30 (EACH)	MET END SEC 18 (EACH)	MET END SEC 30 (EACH)	TRAVERS PIPE GRATE (FOOT)	STORM SEW CL A 2 (FOOT)	CB TB T7G (EACH)	CB TA 4 DIA T23F&G (EACH)	CB TC T8G (EACH)	
77+98.0	79+98.2	BUS 55	7.1' RT	S-1	P-1	2.3																	6		1	
77+85.0	77+98.0	BUS 55	C-L	S-2	P-2	4.6																	12			1
125+04.4	125+08.0	OLD RT 66	CROSS	V-W	12	76.3		131							2											
101+70.1	101+69.0	OLD RT 66	CROSS	A-B	1	4.2				55							1	1				13				
119+48.0	120+02.1	OLD RT 66	LT	C-D	2	23.6					55										2					
120+70.3	121+25.1	OLD RT 66	LT	E-F	3	26.1					62										2					
202+22.7	202+72.9	1325TH	CROSS	G-H	6	143.4			152						2											
203+08.1	203+30.5	1325TH	CROSS	J-K	7	0.0																				
306+05.4	356+30.5	1010TH	LT	L-M	8	0.0					25									2						
359+95.9	357+24.9	1010TH	LT	N-P	9	0.0					40									2						
371+46.6	371+63.4	1010TH	CROSS	R-S	10	7.1	55						1									17		1		
371+63.4	371+63.4	1010TH	LT	S-T	11	0.0	31							1												
375+96.1	375+98.6	1010TH	CROSS	U-V	12	3.6					43									2						
TOTALS						292	86	131	152	55	108	117	1	1	2	2	1	1	6	4	30	18	1	1	1	

PAVEMENT, CURB, SHOULDERS, AND BASE COURSE

STATION	STATION	ROADWAY	AGG SUBGRADE IMPR 12 (SQ YD)	AGG BASE CSE B 6 (SQ YD)	AGG SURF CSE B (TON)	AGGREGATE- TEMP ACCESS (TON)	BIT MATLS PR CT (POUND)	HMA BC IL-19.0 N50 (TON)	P HMA BC IL19.0 N50 (TON)	P HMA SC "C" N50 (TON)	HMA PAVT FD 8 3/4 (SQ YD)	HMA PAVT FD 11 3/4 (SQ YD)	INCIDENTAL HMA SURF (TON)	PROTECTIVE COAT (SQ YD)	AGGREGATE SHLDS B 6 (SQ YD)	HMA SHOULDERS 6 (SQ YD)	HMA SHOULDERS 12 (SQ YD)	COMB CC&G TM4.24 (FOOT)	CONC MED TSM4.24 (SQ FT)
72+67.0	80+22.0	BUS 55	1336			80	6056	447	130	116				184	79		395	70	108
99+12.5	113+00.0	OLD RT 66	3631				18418					3380			914	1330			
113+00.0	125+00.0	OLD RT 66	6498	438		40	31063					6227	18		542	1083			
200+90.0	206+10.8	1325TH	2730		59		11271				2490				369	401			
352+01.5	368+00.0	1010TH	4159	149		40	17718				3663		16		272	910			
368+00.0	376+50.0	1010TH	2951			80	13154				2604					805			
TOTALS			21305	587	59	240	97680	447	130	116	8757	9607	34	184	2176	4529	395	70	108

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	DRAWN - ATP	REVISED -
PLOT SCALE = 48.0000' / in.	CHECKED - JRP	REVISED -
PLOT DATE = 12/10/2015	DATE - 12/11/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES	
SCALE: NONE	SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	13
CONTRACT NO. 72113			ILLINOIS FED. AID PROJECT	

STRUCTURAL			
	REINFORCEMENT BARS (POUND)	EXPAN BOLTS 3/4 (EACH)	CONC BOX CUL (CU YD)
BOX CULVERT EXTENSION AT STA. 123+13.63 10' x 6' x 14' -0"	4080	22	22.5
BOX CULVERT AT STA. 201+31.37 12' x 5' x 151' -9" LONG	43400		228.5
TOTAL	47480	22	251.0

GUARDRAIL							
STATION	STATION	ROADWAY	SIDE	SPBGR TY A 6FT POSTS (FOOT)	TR BAR TRM T1 SPL TAN (EACH)	GUARDRAIL MKR TYPE A (EACH)	TERMINAL MARKER - DA (EACH)
99+12.5	108+12.5	OLD RT 66	RT	800	2	12	2
TOTALS				800	2	12	2

STATION	ROADWAY	OFFSET		SIGN #	SIGN DESCRIPTION	SIGN PANEL T1 (SQ FT)	REMOV SIGN PANEL T1 (SQ FT)	RELOC SIGN PANEL T1 (SQ FT)	TELES STL SIN SUPPORT (FOOT)	METAL POST - TYPE A (FOOT)	METAL POST - TYPE B (FOOT)
		LT.	RT.								
77+90			64		FRONTAGE RD		6.3				
77+90			64		DO NOT ENTER		6.3				
94+15	BUS 55		62		DO NOT ENTER		6.3				
94+93	BUS 55		8		YIELD		9.0				
95+42	BUS 55	56			ONE WAY		3.5				
95+55	BUS 55		64		STOP		6.3				
95+60	BUS 55		2		YIELD		9.0				
96+35	BUS 55	53			DO NOT ENTER		6.3				
96+37	BUS 55	2			DO NOT ENTER		6.3				
111+86	OLD RT 66		29	W3-1	STOP AHEAD	6.3					13.0
116+00	OLD RT 66		108		CURVE		6.3				
116+86	OLD RT 66		51	R1-1	STOP	6.3					12.0
117+17	OLD RT 66	30		D3-1 D3-1	OLD ROUTE 66 1325TH ST.	4.0 3.0			11.0		
117+75	OLD RT 66	30		R1-1	STOP	6.3					12.0
119+98	OLD RT 66		91		STOP AHEAD		6.3				
121+66	OLD RT 66		75		CHEVRON		3.0				
122+00	OLD RT 66		31	W1-8L	CHEVRON (LEFT)	3.0				12.0	
122+18	OLD RT 66		69		CHEVRON		3.0				
122+50	OLD RT 66		31	W1-8L	CHEVRON (LEFT)	3.0				12.0	
122+56	OLD RT 66		68		CHEVRON		3.0				
123+00	OLD RT 66		31	W1-8L	CHEVRON (LEFT)	3.0				12.0	
123+02	OLD RT 66		71		CHEVRON		3.0				
123+47	OLD RT 66		70		CHEVRON		3.0				
123+50	OLD RT 66		31	W1-8L	CHEVRON (LEFT)	3.0				12.0	
123+85	OLD RT 66		68		CHEVRON		3.0				
124+00	OLD RT 66		31	W1-8L	CHEVRON (LEFT)	3.0				12.0	
125+80	OLD RT 66		37	R1-1 R6-3	STOP DIVIDED HIGHWAY	6.3 5.0				28.0	
125+88	OLD RT 66		50		STOP DIVIDED HWY		6.3 5.0				
125+83	OLD RT 66		46	D3-1 D3-1	BUSINESS 55 OLD ROUTE 66	3.0 3.0			11.0		
200+66	1325TH	38.5		R1-1	STOP	6.3					12.0
200+85	1325TH		33	W10-1	RR CROSSING	5.0				11.0	
201+20	1325TH		29	W10-8 * R8-8 *	TRAINS MAY EXCEED 80 DO NOT STOP ON TRACKS			9.0 5.0		34.0	
203+00	1325TH	29		W10-8 * R8-9	TRAINS MAY EXCEED 80 DO NOT STOP ON TRACKS	5.0		9.0		34.0	
204+21	1325TH	29		W10-1	RR XING	5.0				11.0	
205+87	1325TH	50		R1-1	STOP	6.3					12.0
358+50	1010TH	28		R12-5	WEIGHT LIMIT	5.0					13.0
359+35	1010TH		24.5	R1-1	STOP	6.3					12.0
359+74	1010TH		24	D3-1 D3-1	1325TH ST. 1000TH AVE.	3.0 3.0			12.0		
360+31	1010TH	46		R1-1	STOP	6.3					12.0
368+50	1010TH	10			WEIGHT LIMIT		3.5				
374+22	1010TH		29	D3-1 W14-2AR D3-1 W14-1AR	1350TH ST. NO OUTLET 1010TH AVE. DEAD END	3.0 2.0 3.0 2.0			13.0		
374+30	1010TH	18			LARGE ARROW		8.0				
374+40	1010TH	29		W1-7	TWO DIRECTION LARGE ARROW	8.0					22.0
375+11	1010TH		53	R1-1	STOP	6.3					11.5
375+11	1010TH		80		YIELD		9.0				
375+11	1010TH		160	W14-2	NO OUTLET	6.3					13.0
375+37	1010TH		27		STREET NAME		4.0				
375+50	1010TH		24.5	W14-1	DEAD END	4.0					12.0
383+40	1010TH		20		RAILROAD CROSSING		9.0				
384+05	1010TH	37			RAILROAD CROSSING		9.0				
TOTALS						144	144	23	47	178	157

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DRAWN - ATP	REVISOR -	
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PLOT DATE = 12/10/2015	DATE - 12/11/2015	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: NONE SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	14
CONTRACT NO. 72113			ILLINOIS FED. AID PROJECT	



EXIST. CURVE E600R66EC1
 PI STA. = 123+62.78
 $\Delta = 46^\circ 23' 12''$ (LT)
 $D = 19^\circ 51' 41''$
 $R = 288.48'$
 $T = 123.60'$
 $L = 233.55'$
 $E = 25.36'$
 $e = 4.00\%$
 $T.R. = 29'$
 $S.E. RUN = 77'$
 $P.C. STA. = 122+39.17$
 $P.T. STA. = 124+72.73$

EXIST. CURVE E601010EC1
 PI STA. = 364+72.97
 $\Delta = 33^\circ 26' 11''$ (RT)
 $D = 5^\circ 50' 47''$
 $R = 980.00'$
 $T = 294.35'$
 $L = 571.90'$
 $E = 43.25'$
 $e = 6.00\%$
 $T.R. = 33'$
 $S.E. RUN = 132'$
 $P.C. STA. = 361+78.61$
 $P.T. STA. = 367+50.52$

EXIST. CURVE E601010EC2
 PI STA. = 382+52.61
 $\Delta = 75^\circ 57' 02''$ (LT)
 $D = 45^\circ 50' 12''$
 $R = 125.00'$
 $T = 97.57'$
 $L = 165.70'$
 $E = 33.57'$
 $e = 4.00\%$
 $T.R. = 59'$
 $S.E. RUN = 22'$
 $P.C. STA. = 381+55.03$
 $P.T. STA. = 383+20.73$

PROP. CURVE E60B55P1
 PI STA. = 80+06.78
 $\Delta = 55^\circ 54' 59''$ (LT)
 $D = 3^\circ 30' 00''$
 $R = 1,637.02'$
 $T = 868.89'$
 $L = 1,597.61'$
 $E = 216.30'$
 $e = 7.25\%$
 $T.R. = \text{MATCH EXISTING}$
 $S.E. RUN = \text{MATCH EXISTING}$
 $P.C. STA. = 71+37.89$
 $P.T. STA. = 87+35.50$

PROP. CURVE E600R66PC1
 PI STA. = 104+41.06
 $\Delta = 6^\circ 20' 05''$ (LT)
 $D = 1^\circ 54' 35''$
 $R = 3,000.00'$
 $T = 166.01'$
 $L = 331.69'$
 $E = 4.59'$
 $e = 4.4\%$ (60 MPH)
 $T.R. = 40'$
 $S.E. RUN = 117'$
 $P.C. STA. = 102+75.04$
 $P.T. STA. = 106+06.73$

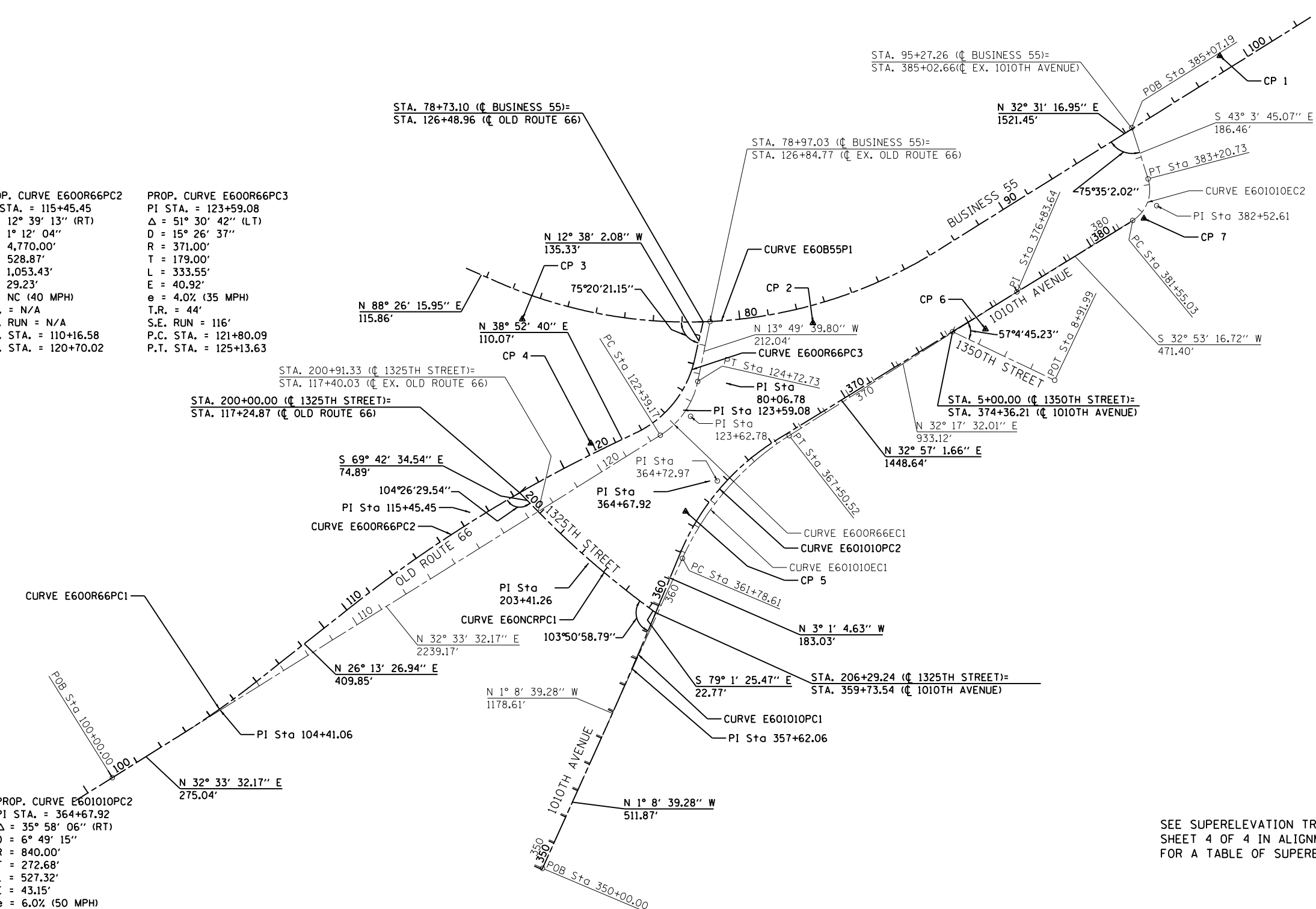
PROP. CURVE E600R66PC2
 PI STA. = 115+45.45
 $\Delta = 12^\circ 39' 13''$ (RT)
 $D = 1^\circ 12' 04''$
 $R = 4,770.00'$
 $T = 528.87'$
 $L = 1,053.43'$
 $E = 29.23'$
 $e = \text{NC}$ (40 MPH)
 $T.R. = \text{N/A}$
 $S.E. RUN = \text{N/A}$
 $P.C. STA. = 110+16.58$
 $P.T. STA. = 120+70.02$

PROP. CURVE E600R66PC3
 PI STA. = 123+59.08
 $\Delta = 51^\circ 30' 42''$ (LT)
 $D = 15^\circ 26' 37''$
 $R = 371.00'$
 $T = 179.00'$
 $L = 333.55'$
 $E = 40.92'$
 $e = 4.0\%$ (35 MPH)
 $T.R. = 44'$
 $S.E. RUN = 116'$
 $P.C. STA. = 121+80.09$
 $P.T. STA. = 125+13.63$

PROP. CURVE E60NCRPC1
 PI STA. = 203+41.26
 $\Delta = 9^\circ 18' 51''$ (LT)
 $D = 1^\circ 45' 08''$
 $R = 3,270.00'$
 $T = 266.38'$
 $L = 531.58'$
 $E = 10.83'$
 $e = \text{NC}$ (30 MPH)
 $T.R. = \text{N/A}$
 $S.E. RUN = \text{N/A}$
 $P.C. STA. = 200+74.89$
 $P.T. STA. = 206+06.47$

PROP. CURVE E601010PC1
 PI STA. = 357+62.06
 $\Delta = 1^\circ 52' 25''$ (LT)
 $D = 0^\circ 22' 28''$
 $R = 15,300.00'$
 $T = 250.20'$
 $L = 500.35'$
 $E = 2.05'$
 $e = \text{NC}$ (50 MPH)
 $T.R. = \text{N/A}$
 $S.E. RUN = \text{N/A}$
 $P.C. STA. = 355+11.87$
 $P.T. STA. = 360+12.21$

PROP. CURVE E601010PC2
 PI STA. = 364+67.92
 $\Delta = 35^\circ 58' 06''$ (RT)
 $D = 6^\circ 49' 15''$
 $R = 840.00'$
 $T = 272.68'$
 $L = 527.32'$
 $E = 43.15'$
 $e = 6.0\%$ (50 MPH)
 $T.R. = 44'$
 $S.E. RUN = 132'$
 $P.C. STA. = 361+95.25$
 $P.T. STA. = 367+22.57$



SEE SUPERELEVATION TRANSITION TABLE IN SHEET 4 OF 4 IN ALIGNMENT, TIES, AND BENCHMARKS FOR A TABLE OF SUPERELEVATION BREAK POINTS.

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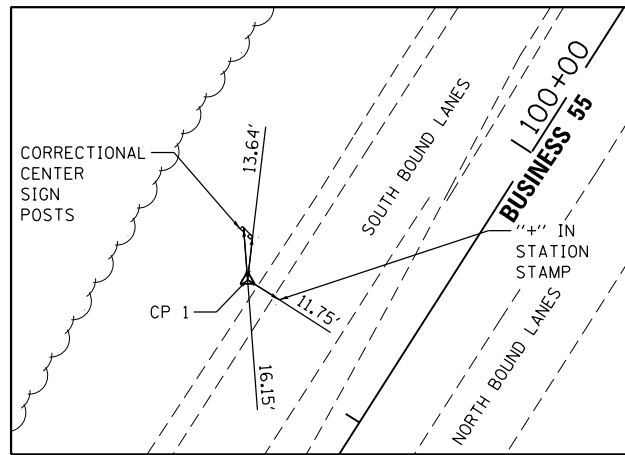


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	DATE - 12/11/2015	REVISED -

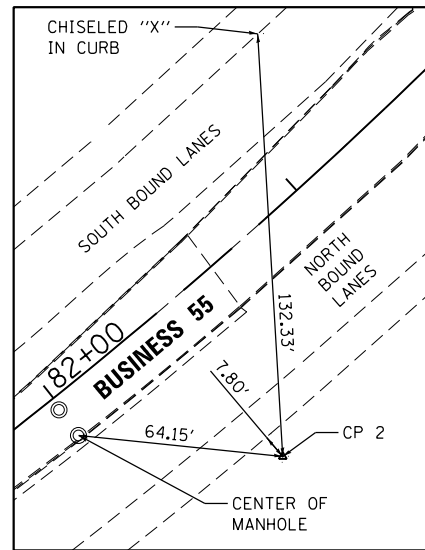
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES, AND BENCHMARKS			
SCALE: 1"=200'	SHEET 1	OF 4 SHEETS	STA. TO STA.

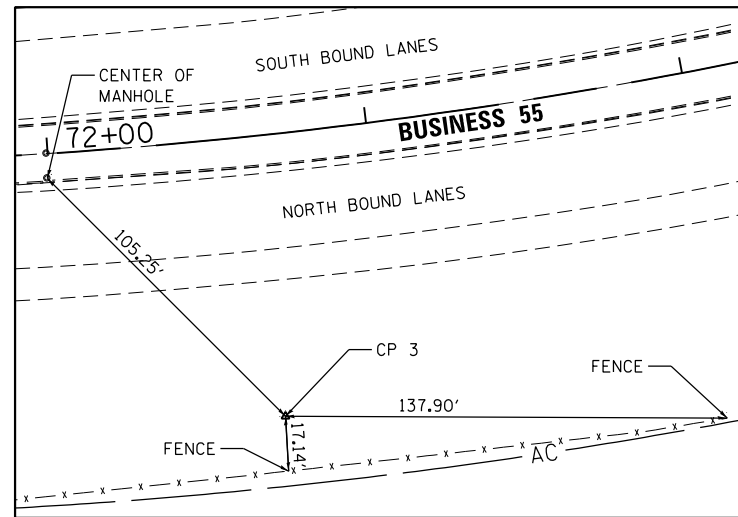
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	15
CONTRACT NO.			72113	
ILLINOIS FED. AID PROJECT				



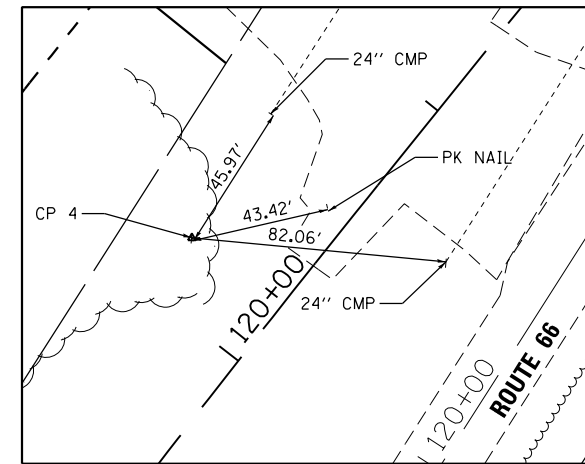
CP 1
 SET IP W/ BLUE CAP
 STA. 99+18.85, 53.47' LT
 N 1,257,571.216
 E 2,510,474.050
 ELEV. 578.769



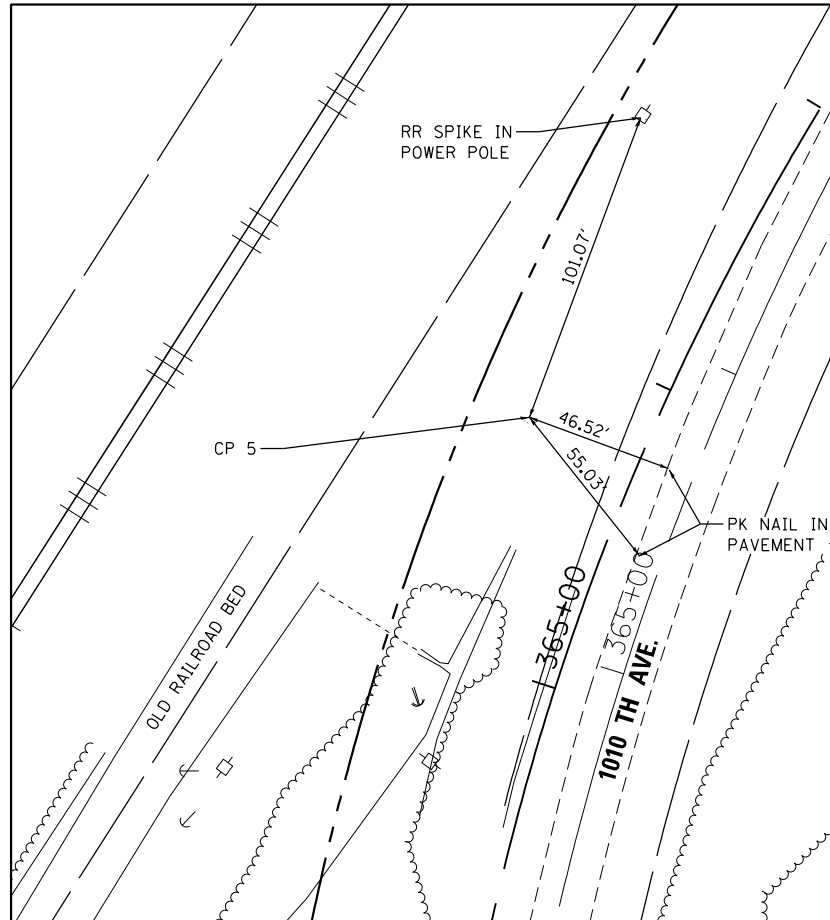
CP 2
 SET IP W/ BLUE CAP
 STA. 82+42.94, 59.68' RT
 N 1,256,129.573
 E 2,509,598.660
 ELEV. 574.019



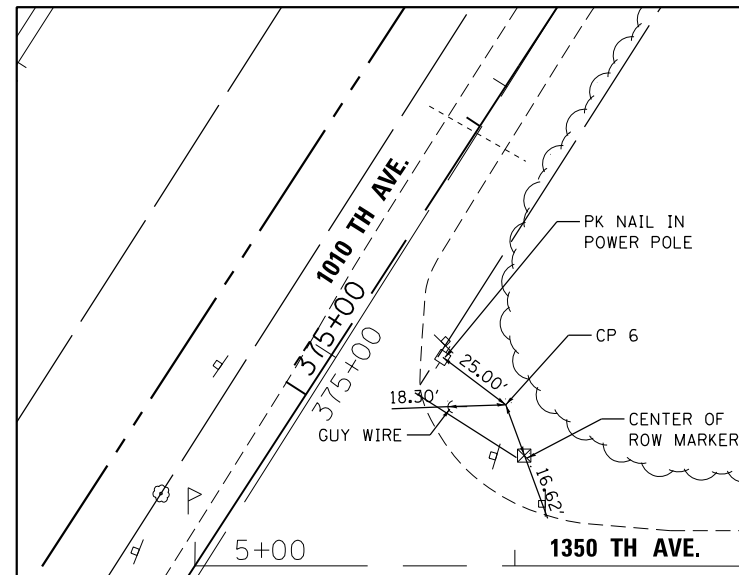
CP 3
 SET IP W/ BLUE CAP
 STA. 72+65.34, 88.18' RT
 N 1,255,709.083
 E 2,508,683.655
 ELEV. 574.918



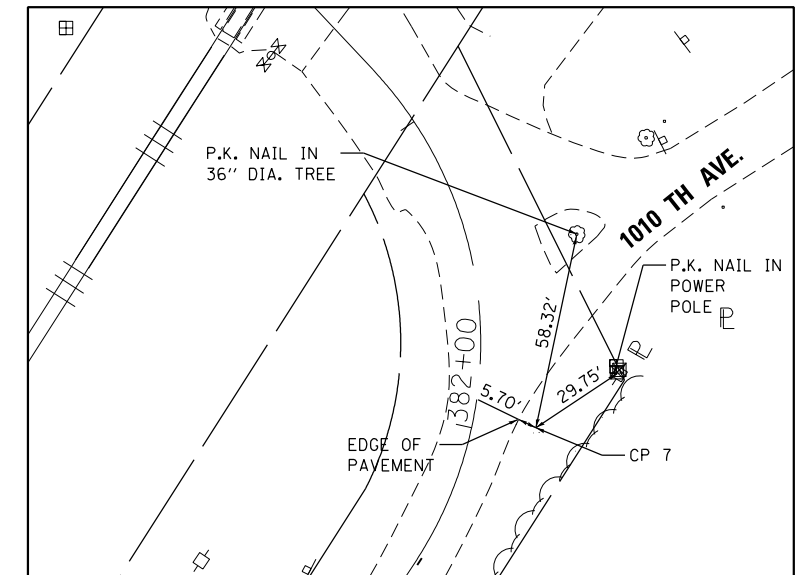
CP 4
 SET IP W/ BLUE CAP
 STA. 120+21.44, 37.69' LT
 N 1,255,423.649
 E 2,509,080.753
 ELEV. 570.467



CP 5
 SET IP W/ BLUE CAP
 STA. 365+74.94, 36.97' LT
 N 1,255,595.209
 E 2,509,557.105
 ELEV. 577.073



CP 6
 SET IP W/ BLUE CAP
 STA. 375+31.32, 54.14' RT
 N 1,256,360.299
 E 2,510,145.508
 ELEV. 574.755



CP 7
 SET IP W/ BLUE CAP
 STA. 382+03.70, 19.71' RT
 N 1,256,967.438
 E 2,510,483.756
 ELEV. 578.778

PROJECT BENCHMARK ELEVATIONS DATUM: N. A. V. D. OF 1988				
NO.	DESCRIPTION	STATION OFFSET	COORDINATES	ELEV.
BM 1	CHISELED "X" IN HEADWALL ON SOUTHEAST SIDE OF BUSINESS 55	104+28.38 58.21' RT	N 1257940.800 E 2510842.150	571.683
BM 2	CHISELED "X" IN HEADWALL ON NORTHWEST SIDE OF BUSINESS 55	93+30.22 60.46' LT	N 1257078.644 E 2510151.698	572.349
BM 3	CHISELED "X" IN HEADWALL ON NORTHWEST SIDE OF BUSINESS 55	79+99.79 74.40' LT	N 1256093.130 E 2509325.987	567.457

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PLOT DATE = 12/10/2015	CHECKED - JRP	REVISED -
	DATE - 12/11/2015	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, AND BENCHMARKS

SCALE: NTS SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.S. RTE. 1771A	SECTION D6 2015-7HSRR	COUNTY LOGAN	TOTAL SHEETS 127	SHEET NO. 16
CONTRACT NO. 72113			ILLINOIS FED. AID PROJECT	

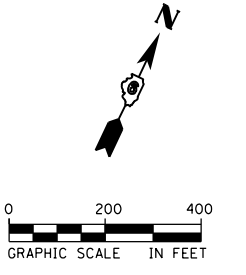
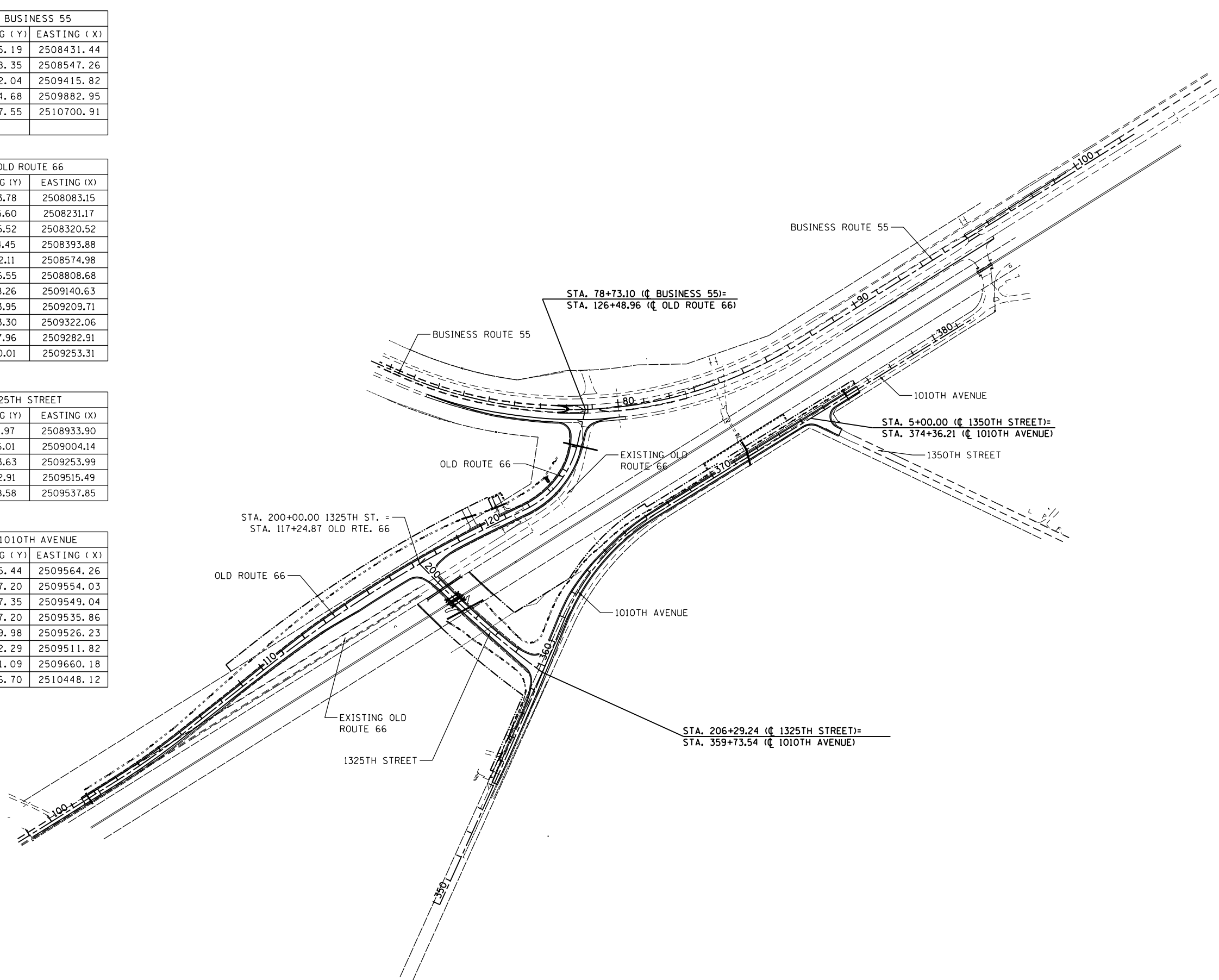
CENTERLINE LAYOUT TABLES

ALIGNMENT COORDINATE - BUSINESS 55			
	STATION	NORTHING (Y)	EASTING (X)
POT	70+22.03	1255785.19	2508431.44
PC	71+37.89	1255788.35	2508547.26
PI	80+06.78	1255812.04	2509415.82
PT	87+35.50	1256544.68	2509882.95
POT	102+56.95	1257827.55	2510700.91

ALIGNMENT COORDINATE - OLD ROUTE 66			
	STATION	NORTHING (Y)	EASTING (X)
POT	100+00.00	1253663.78	2508083.15
PC	102+75.04	1253895.60	2508231.17
PI	104+41.06	1254035.52	2508320.52
PT	106+06.73	1254184.45	2508393.88
PC	110+16.58	1254552.11	2508574.98
PI	115+45.45	1255026.55	2508808.68
PT	120+70.02	1255438.26	2509140.63
PC	121+80.09	1255523.95	2509209.71
PI	123+59.08	1255663.30	2509322.06
PT	125+13.63	1255837.96	2509282.91
POT	126+48.96	1255970.01	2509253.31

ALIGNMENT COORDINATE - 1325TH STREET			
	STATION	NORTHING (Y)	EASTING (X)
POT	200+00.00	1255161.97	2508933.90
PC	200+74.89	1255136.01	2509004.14
PI	203+41.26	1255043.63	2509253.99
PT	206+06.47	1254992.91	2509515.49
POT	206+29.24	1254988.58	2509537.85

ALIGNMENT COORDINATE - 1010TH AVENUE			
	STATION	NORTHING (Y)	EASTING (X)
POT	350+00.00	1254015.44	2509564.26
PC	355+11.87	1254527.20	2509554.03
PI	357+62.06	1254777.35	2509549.04
PT	360+12.21	1255027.20	2509535.86
PC	361+95.25	1255209.98	2509526.23
PI	364+67.92	1255482.29	2509511.82
PT	367+22.57	1255711.09	2509660.18
POT	381+71.21	1256926.70	2510448.12



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 DRAWN - ATP
 CHECKED - JRP
 DATE - 12/11/2015

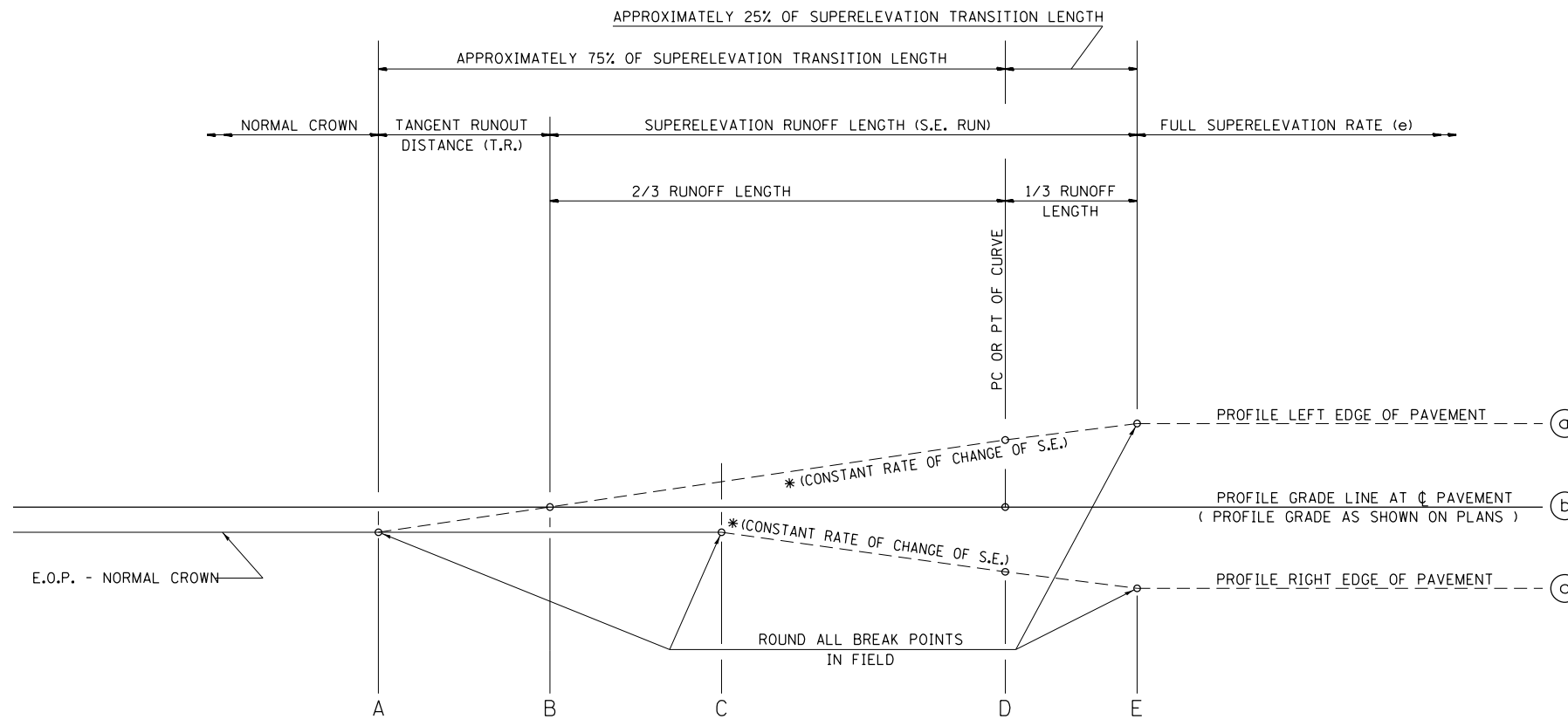
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES, AND BENCHMARKS

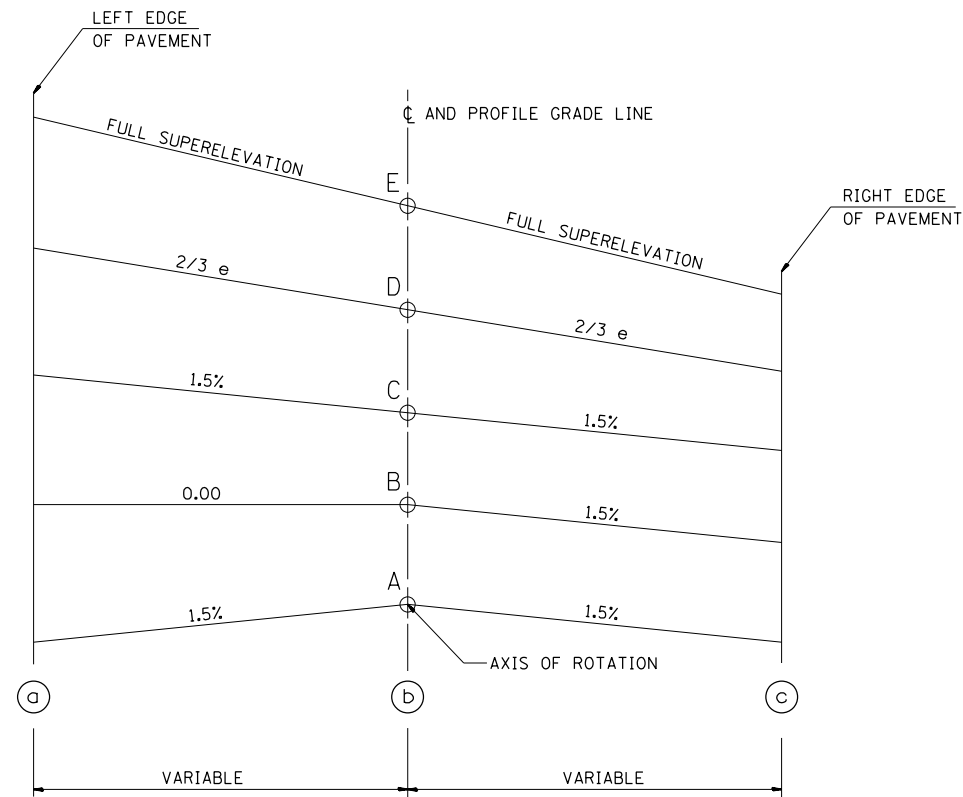
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	17
CONTRACT NO. 72113			ILLINOIS FED. AID PROJECT	



TYPICAL PROFILE - S.E. TRANSITION

SEE PLANS FOR CURVE DATA INFORMATION
 CURVE DATA
 P.I. STA=
 Δ =
 R=
 T=
 L=
 E=
 e= SUPERELEVATION RATE IN PERCENT
 T.R.= TANGENT RUNOUT DISTANCE
 S.E. RUN= SUPERELEVATION RUNOFF LENGTH
 P.C. STA=
 P.T. STA=



TYPICAL CROSS SECTION - S.E. TRANSITION

TABLE OF SUPERELEVATION BREAKPOINT LOCATIONS				
STA	LEFT SE	RT SE		DESCRIPTION
101+57.04	-1.50%	-1.50%	A	START S.E. TRANSITION
101+97.04	-1.50%	0.00%	B	REMOVED CROWN OUTSIDE LANE
102+37.04	-1.50%	1.50%	C	REVERSED ADVERSE CROWN
102+75.04	-2.93%	2.93%	D	P.C. STATION
103+14.04	-4.40%	4.40%	E	START FULL SUPERELEVATION
105+67.73	-4.40%	4.40%	E	END FULL SUPERELEVATION
106+06.73	-2.93%	2.93%	D	P.T. STATION
106+44.73	-1.50%	1.50%	C	REVERSED ADVERSE CROWN
106+84.73	-1.50%	0.00%	B	REMOVED CROWN OUTSIDE LANE
107+24.73	-1.50%	-1.50%	A	END S.E. TRANSITION

TABLE OF SUPERELEVATION BREAKPOINT LOCATIONS				
STA	LT SE	RT SE		DESCRIPTION
120+58.76	-1.50%	-1.50%	A	START S.E. TRANSITION
121+02.76	-1.50%	0.00%	B	REMOVED CROWN OUTSIDE LANE
121+46.76	-1.50%	1.50%	C	REVERSED ADVERSE CROWN
121+80.09	-2.67%	2.67%	D	P.C. STATION
122+18.76	-4.00%	4.00%	E	START FULL SUPERELEVATION
124+74.96	-4.00%	4.00%	E	END FULL SUPERELEVATION
125+13.63	-2.67%	2.67%	D	P.T. STATION
125+46.96	-1.50%	1.50%	C	REVERSED ADVERSE CROWN
125+90.96	-1.50%	0.00%	B	REMOVED CROWN OUTSIDE LANE
126+34.96	-1.50%	-1.50%	A	END S.E. TRANSITION

TABLE OF SUPERELEVATION BREAKPOINT LOCATIONS				
STA	LEFT SE	RT SE		DESCRIPTION
360+63.25	-2.00%	-2.00%	A	START S.E. TRANSITION
361+07.25	0.00%	-2.00%	B	REMOVED CROWN OUTSIDE LANE
361+51.25	2.00%	-2.00%	C	REVERSED ADVERSE CROWN
361+95.25	4.00%	-4.00%	D	P.C. STATION
362+39.25	6.00%	-6.00%	E	START FULL SUPERELEVATION
366+78.57	6.00%	-6.00%	E	END FULL SUPERELEVATION
367+22.57	4.00%	-4.00%	D	P.T. STATION
367+66.57	2.00%	-2.00%	C	REVERSED ADVERSE CROWN
368+10.57	0.00%	-2.00%	B	REMOVED CROWN OUTSIDE LANE
368+54.57	-2.00%	-2.00%	A	END S.E. TRANSITION

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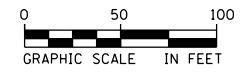
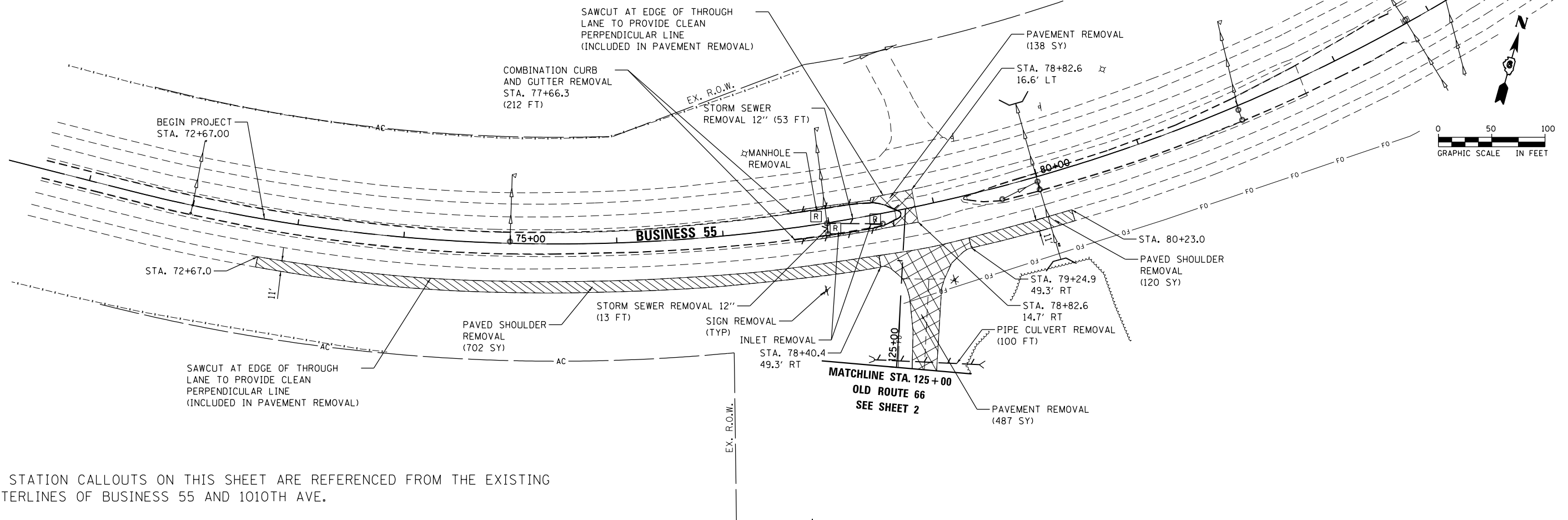
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DATE - 12/11/2015	REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

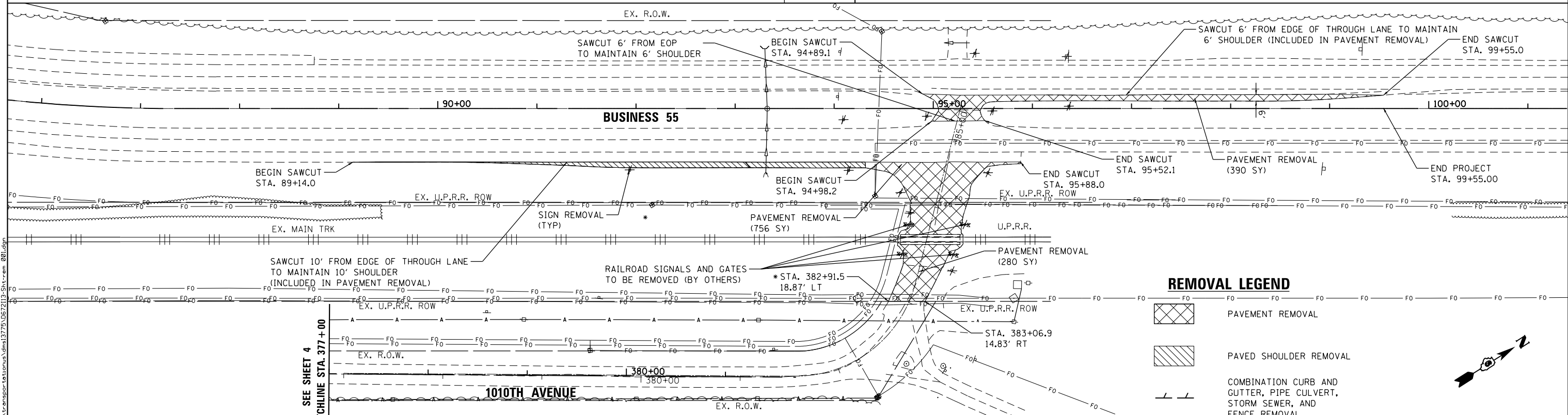
ALIGNMENT, TIES, AND BENCHMARKS
 SUPERELEVATION TRANSITION DETAIL FOR TWO LANE HIGHWAY

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	18
CONTRACT NO.			72113	
ILLINOIS FED. AID PROJECT				






SCALE: N.T.S. SHEET 4 OF 4 SHEETS STA. TO STA.



ALL STATION CALLOUTS ON THIS SHEET ARE REFERENCED FROM THE EXISTING CENTERLINES OF BUSINESS 55 AND 1010TH AVE.



REMOVAL LEGEND

-  PAVEMENT REMOVAL
-  PAVED SHOULDER REMOVAL
-  COMBINATION CURB AND GUTTER, PIPE CULVERT, STORM SEWER, AND FENCE REMOVAL
-  DRAINAGE STRUCTURE REMOVAL
-  ITEM TO BE REMOVED



• NOTE: THE CONTRACTOR SHALL COORDINATE WITH UPRR FOR REMOVAL OF PAVEMENT WITHIN 25' OF TRACKS.



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 PLOT DATE = 12/10/2015

DESIGNED - CJG
 DRAWN - ATP
 CHECKED - JRP
 DATE - 12/11/2015

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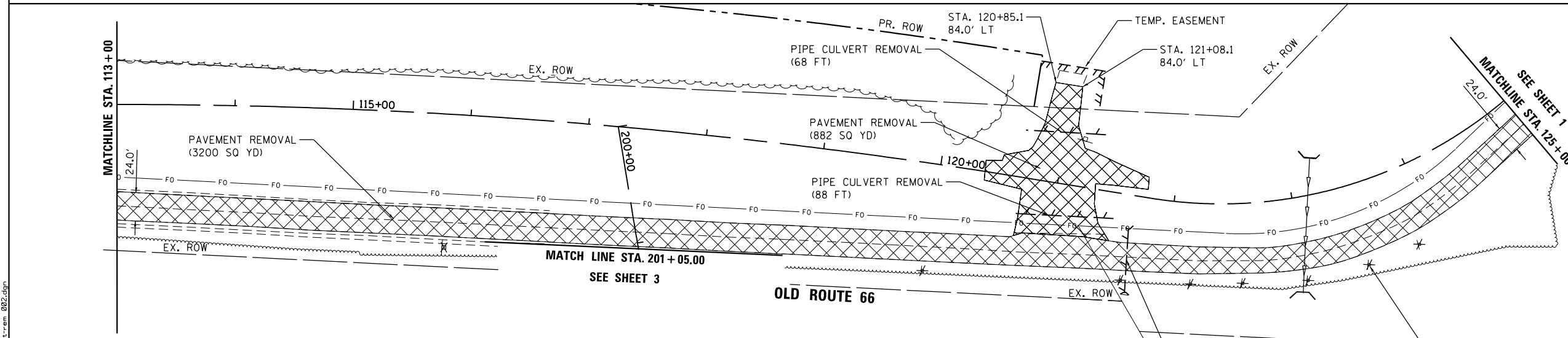
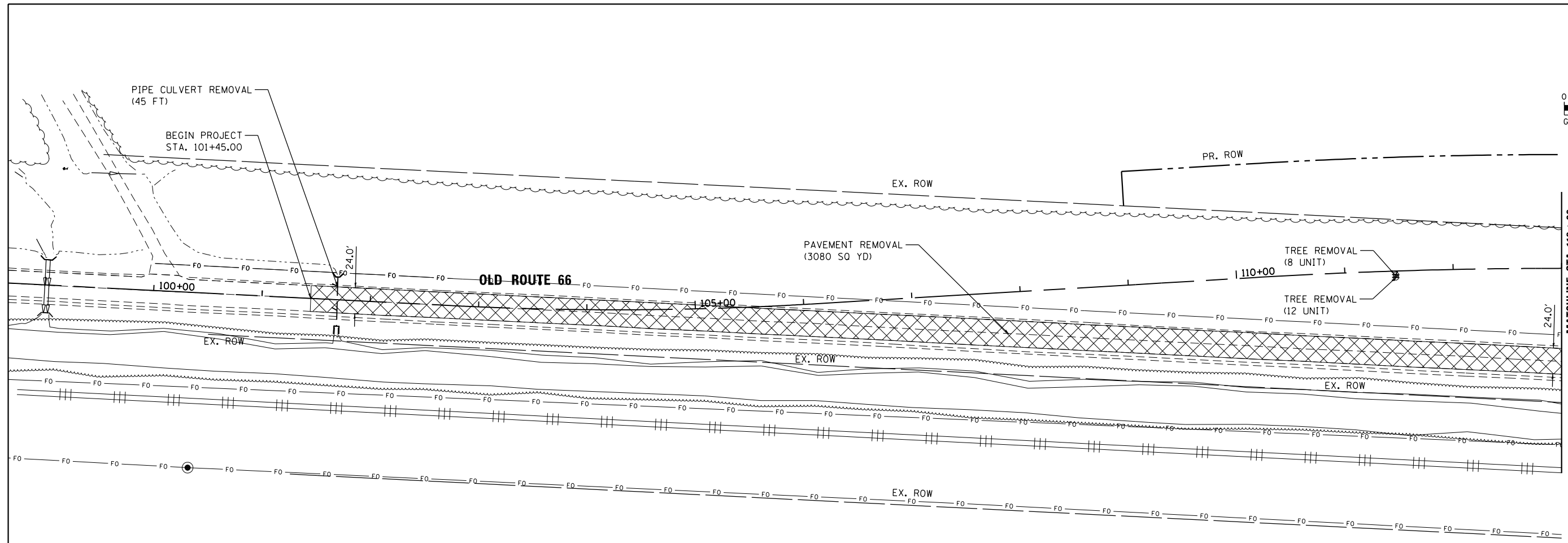
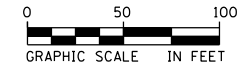
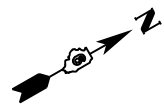
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
 BUSINESS 55**

SCALE: 1"=50' SHEET 1 OF 4 SHEETS STA. 125+00.00 TO STA. 126+49.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	19
CONTRACT NO.			72113	

ILLINOIS FED. AID PROJECT



REMOVAL LEGEND

- PAVEMENT REMOVAL
- TREE REMOVAL (ACRE)
- COMBINATION CURB AND GUTTER, PIPE CULVERT, STORM SEWER, AND FENCE REMOVAL
- ITEM TO BE REMOVED

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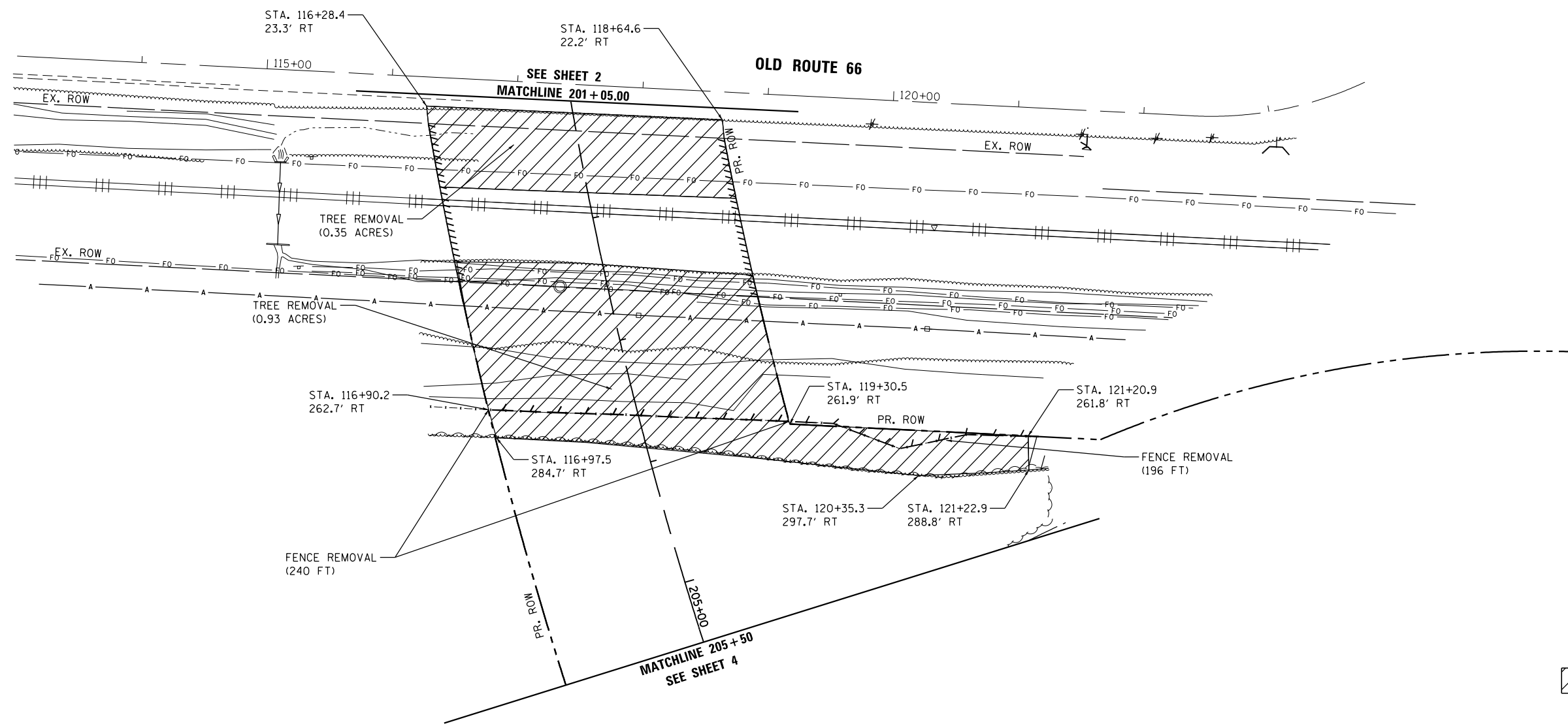
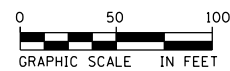
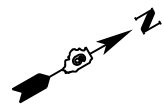
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PLOT DATE = 12/10/2015	DATE - 12/11/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
OLD ROUTE 66**

SCALE: 1"=50' SHEET 2 OF 4 SHEETS STA. 101+45.00 TO STA. 125+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	20
CONTRACT NO. 72113			ILLINOIS FED. AID PROJECT	



TREE REMOVAL (ACRE)

COMBINATION CURB AND GUTTER, PIPE CULVERT, STORM SEWER, AND FENCE REMOVAL

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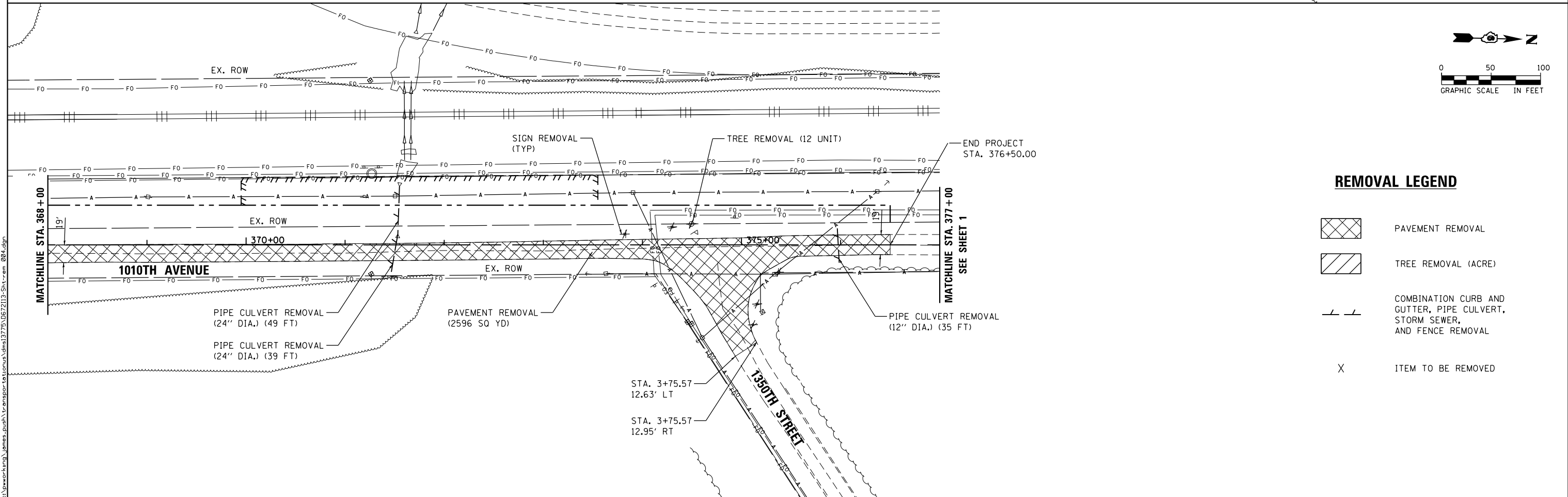
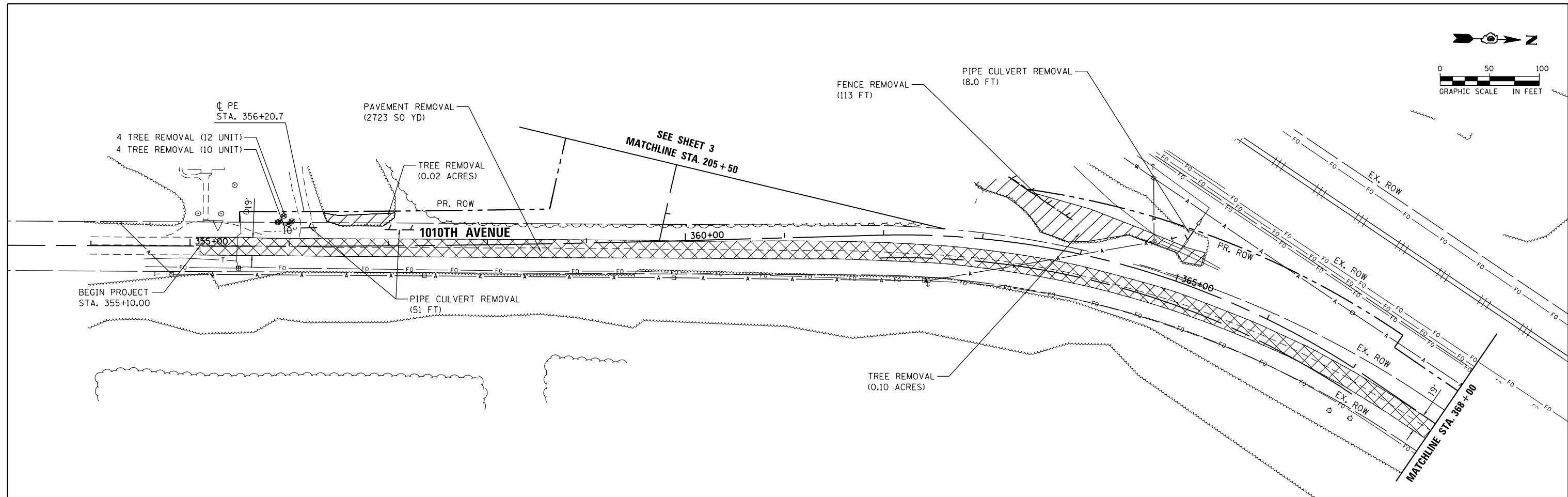
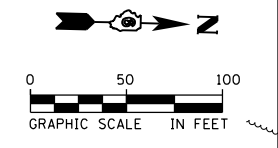
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DRAWN - ATP	REVISED -	
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PLOT DATE = 12/10/2015	DATE - 12/11/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
1325TH STREET**

SCALE: 1"=50' SHEET 3 OF 4 SHEETS STA. 201+14.00 TO STA. 206+12.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	21
CONTRACT NO. 72113			ILLINOIS FED. AID PROJECT	



REMOVAL LEGEND

	PAVEMENT REMOVAL
	TREE REMOVAL (ACRE)
	COMBINATION CURB AND GUTTER, PIPE CULVERT, STORM SEWER, AND FENCE REMOVAL
	ITEM TO BE REMOVED

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	PLOT SCALE = 100.0000' / 1"	CHECKED - JRP	REVISED -			SCALE: 1"=50'		SHEET 4 OF 4 SHEETS		STA. 55+10.00 TO STA. 77+00.00		CONTRACT NO. 72113
	PLOT DATE = 12/10/2015	DATE - 12/11/2015	REVISED -			ILLINOIS FED. AID PROJECT						

DRAINAGE ITEMS

(S-1) STA. 77+98.0, 7.11' RT (E.O.P.)
CATCH BASIN TYPE A, TYPE 23 FRAME AND GRATE
RIM = 572.60
INV (NORTH) = 568.27
INV (WEST) = 568.47

(P-1) 6' - STORM SEWERS, CLASS A,
TYPE 2 12" @ 2.00%

(S-2) STA. 77+85.0, 0.0' RT
CATCH BASIN TYPE C, TYPE 8 GRATE
RIM = 572.75
INV (EAST) = 568.53

(P-2) 12' - STORM SEWERS, CLASS A,
TYPE 2 12" @ 1.00%

(12) 131'-PIPE CULVERTS, CLASS A,
TYPE 2 42" @ 1.39%

(V) PRC FLAR END SEC 42
STA. 125+04.4, OFF = 52.4' LT
INV. 564.37

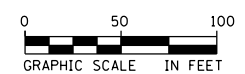
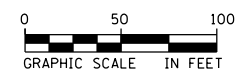
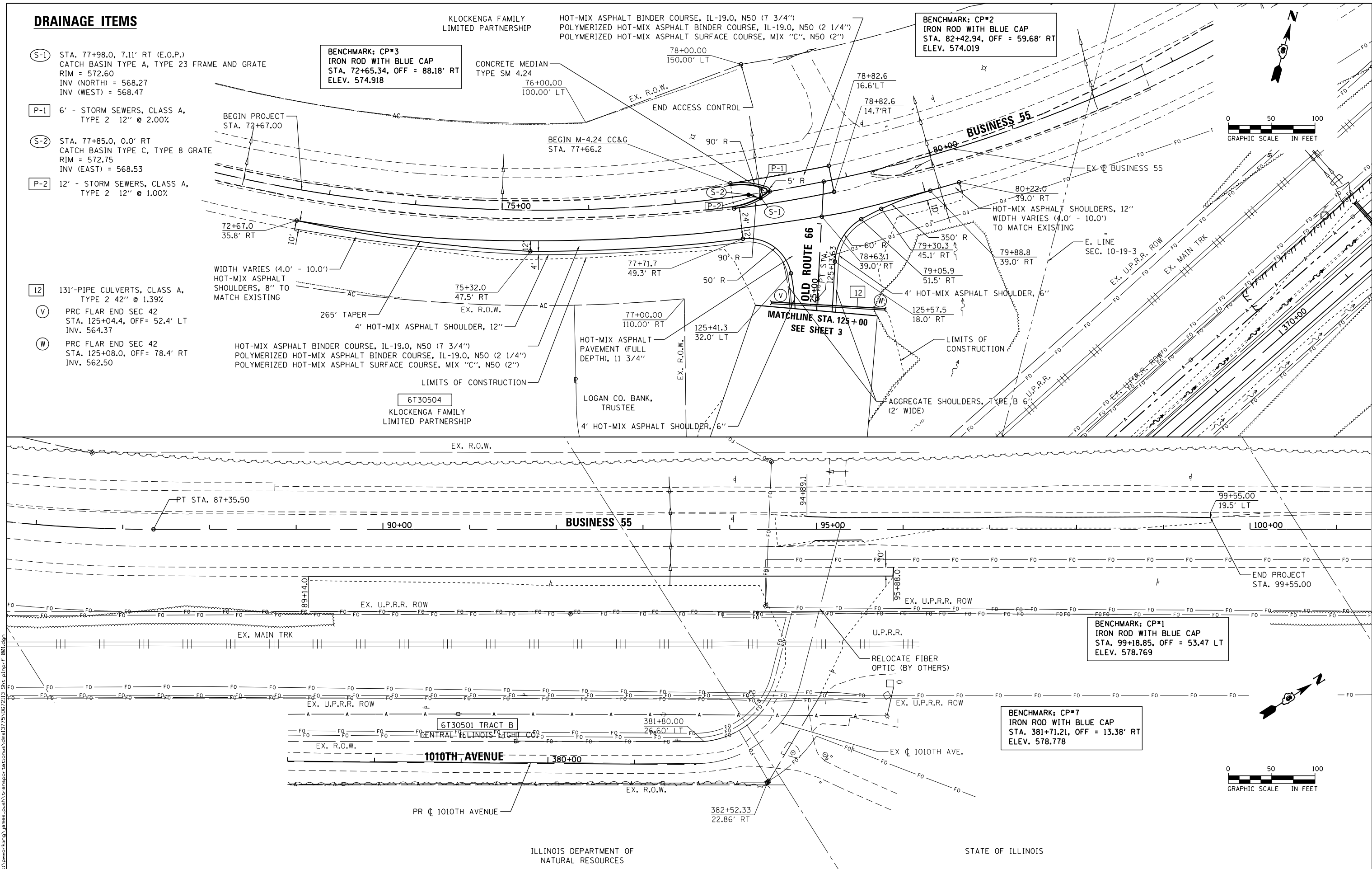
(W) PRC FLAR END SEC 42
STA. 125+08.0, OFF = 78.4' RT
INV. 562.50

BENCHMARK: CP#3
IRON ROD WITH BLUE CAP
STA. 72+65.34, OFF = 88.18' RT
ELEV. 574.918

BENCHMARK: CP#2
IRON ROD WITH BLUE CAP
STA. 82+42.94, OFF = 59.68' RT
ELEV. 574.019

BENCHMARK: CP#1
IRON ROD WITH BLUE CAP
STA. 99+18.85, OFF = 53.47 LT
ELEV. 578.769

BENCHMARK: CP#7
IRON ROD WITH BLUE CAP
STA. 381+71.21, OFF = 13.38' RT
ELEV. 578.778



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	DATE - 12/11/2015	REVISED -

ILLINOIS DEPARTMENT OF NATURAL RESOURCES

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PLAN
BUSINESS 55**

SCALE: 1"=50' SHEET 1 OF 6 SHEETS STA. 72+67.00 TO STA. 80+22.00

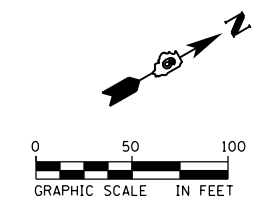
F.A.S. RTE. 1771A	SECTION D6 2015-7HSRR	COUNTY LOGAN	TOTAL SHEETS 127	SHEET NO. 23
CONTRACT NO. 72113			ILLINOIS FED. AID PROJECT	

DRAINAGE ITEMS

- 1 55' - PIPE CULVERTS, CLASS A, TYPE 1, EQUIVALENT ROUND SIZE 30" @ 0.23%
- A STA. 101+70.1, OFF = 24.6' RT INV = 573.72, PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND SIZE 30"
- B STA. 101+69.0, OFF = 21.2' LT, INV = 573.60, END SECTIONS, EQUIVALENT ROUND SIZE 30" TRAVERSABLE PIPE GRATES (12'-11")

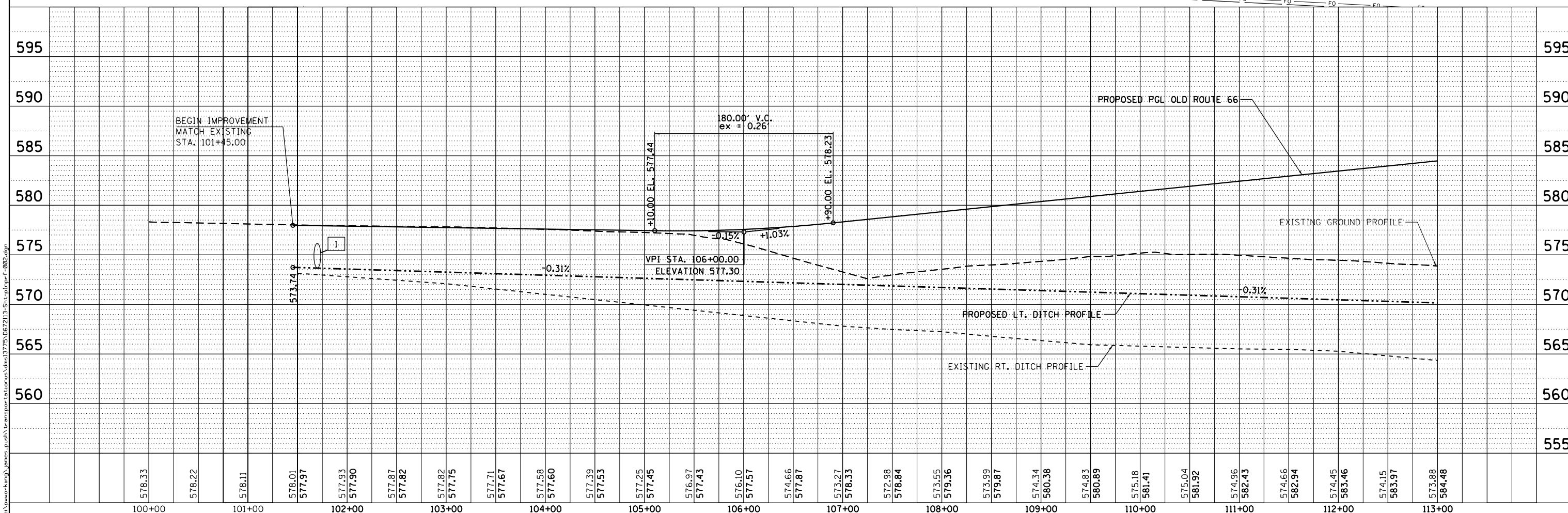
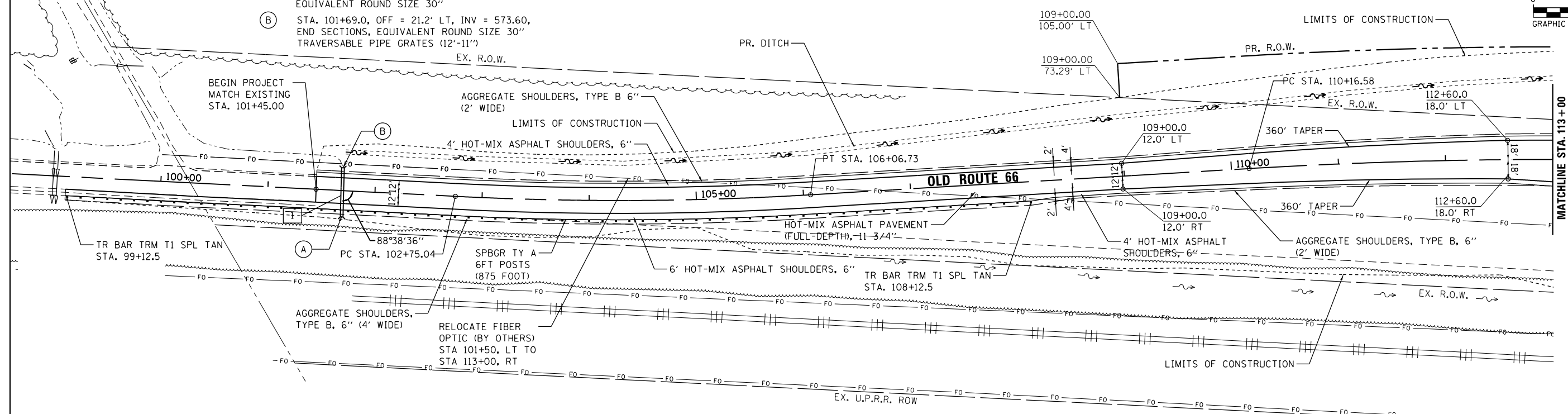
6T30503

J. FRANK WILHITE



PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	



100+00	101+00	102+00	103+00	104+00	105+00	106+00	107+00	108+00	109+00	110+00	111+00	112+00	113+00																																						
578.33	578.22	578.11	578.01	577.97	577.93	577.90	577.87	577.82	577.82	577.82	577.75	577.71	577.67	577.58	577.60	577.39	577.53	577.25	577.45	576.97	577.43	576.10	577.57	574.66	577.87	573.27	578.33	572.98	578.84	573.55	579.36	573.99	579.87	574.34	580.36	574.83	580.89	575.18	581.41	575.04	581.92	574.96	582.43	574.66	582.94	574.45	583.46	574.15	583.97	573.88	584.48



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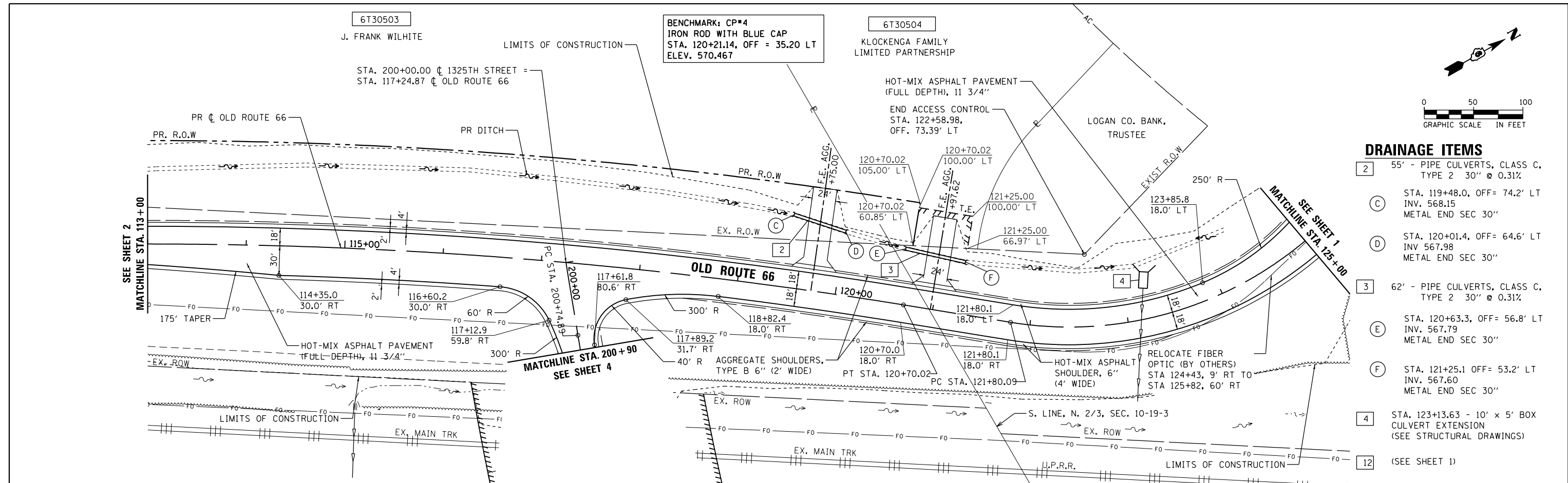
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN AND PROFILE
OLD ROUTE 66
SCALE: 1"=50' SHEET 2 OF 6 SHEETS STA. 101+45.00 TO STA. 113+00.00

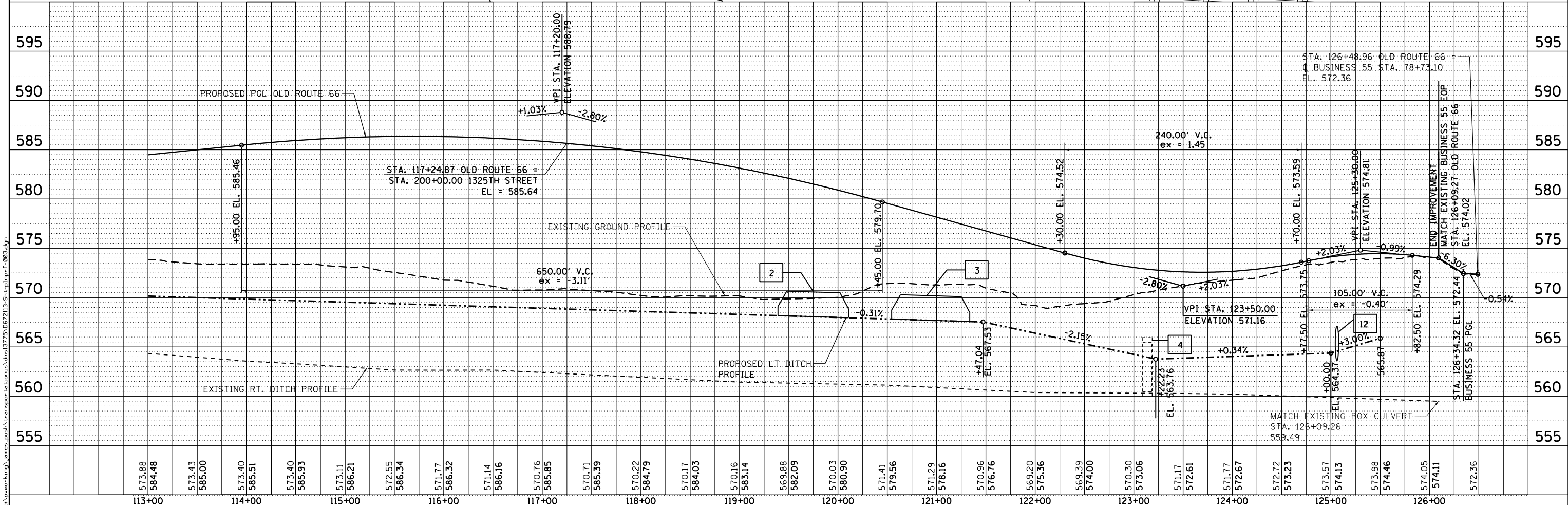
F.A.S. R.E. 1771A	SECTION D6 2015-7HSRR	COUNTY LOGAN	TOTAL SHEETS 127	SHEET NO. 24
CONTRACT NO. 72113				ILLINOIS FED. AID PROJECT

PLAN	SURVEYED	DATE
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	ALIGNED	
	CHECKED	
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PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
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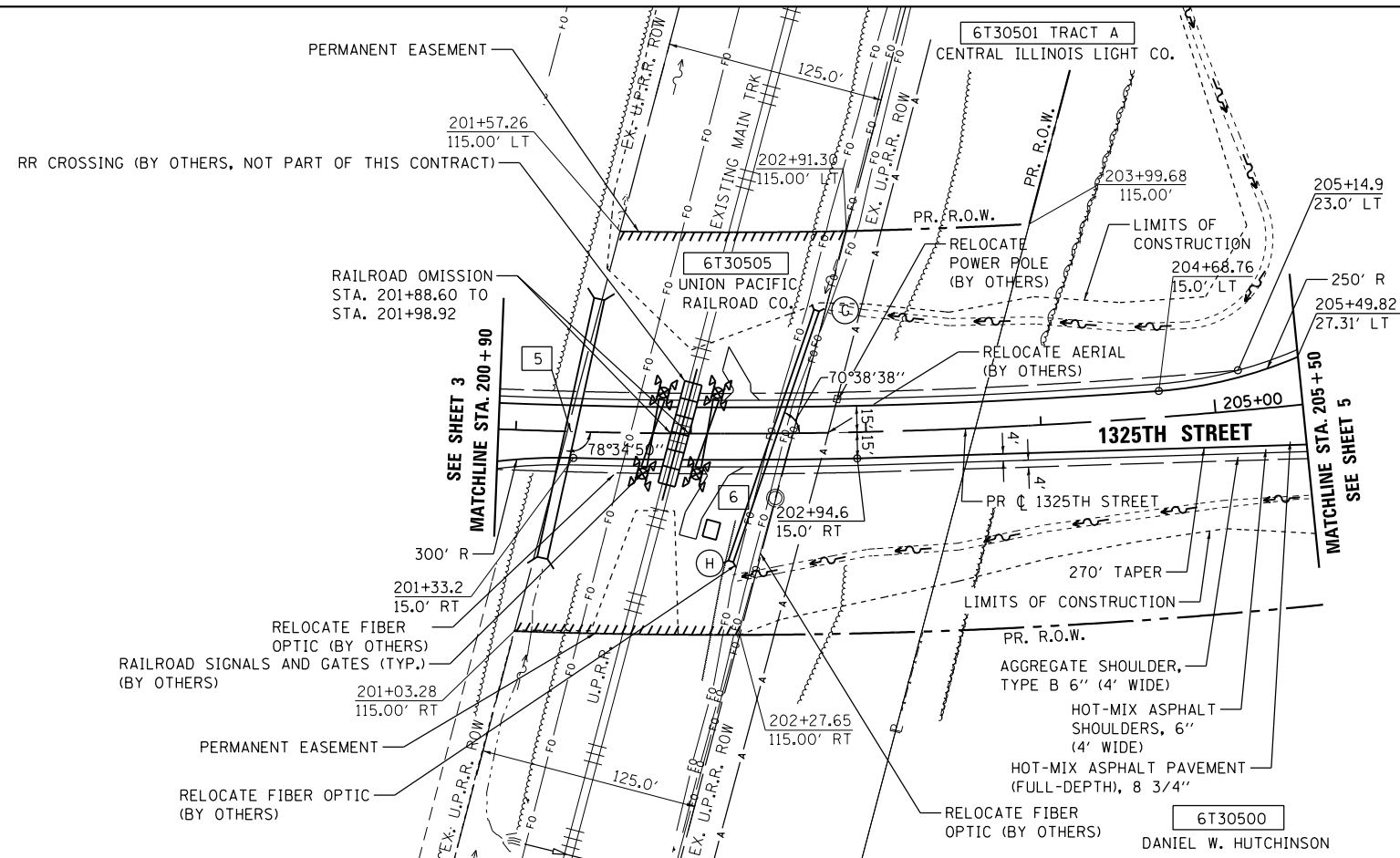
- DRAINAGE ITEMS**
- 2 55' - PIPE CULVERTS, CLASS C, TYPE 2 30" @ 0.31%
 - C STA. 119+48.0, OFF = 74.2' LT INV. 568.15 METAL END SEC 30"
 - D STA. 120+01.4, OFF = 64.6' LT INV. 567.98 METAL END SEC 30"
 - 3 62' - PIPE CULVERTS, CLASS C, TYPE 2 30" @ 0.31%
 - E STA. 120+63.3, OFF = 56.8' LT INV. 567.79 METAL END SEC 30"
 - F STA. 121+25.1 OFF = 53.2' LT INV. 567.60 METAL END SEC 30"
 - 4 STA. 123+13.63 - 10' x 5' BOX CULVERT EXTENSION (SEE STRUCTURAL DRAWINGS)
 - 12 (SEE SHEET 1)



AECOM	USER NAME = james.push	DESIGNED - CJG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PLAN AND PROFILE OLD ROUTE 66			F.A.S. RTE. 1771A	SECTION D6 2015-7HSRR	COUNTY LOGAN	TOTAL SHEETS 127	SHEET NO. 25	
	PLOT SCALE = 100.0000' / 1"	CHECKED - JRP	REVISED -		SCALE: 1"=50'	SHEET 3 OF 6 SHEETS	STA. 113+00.00 TO STA. 125+00.00	CONTRACT NO. 72113					
	PLOT DATE = 12/10/2015	DATE - 12/11/2015	REVISED -		ILLINOIS FED. AID PROJECT								

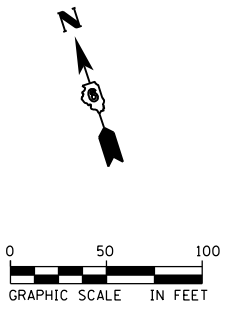
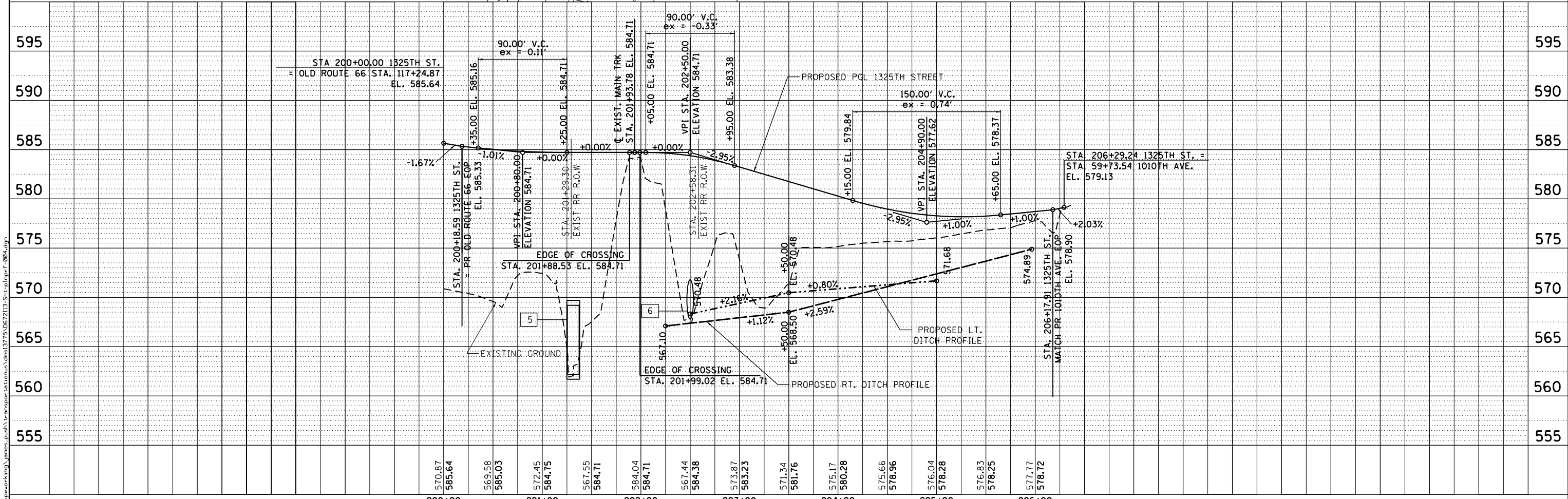
DRAINAGE ITEMS

- 5 STA. 201+31.37
12' x 5' BOX CULVERT @ 0.76%
(SEE STRUCTURAL DRAWINGS)
- 6 152' - PIPE CULVERTS, CLASS A,
TYPE 3 48" @ 0.33%
- G STA. 202+72.9, OFF = 70.0' LT
INV = 567.80
PRC FLAR END SEC 48"
- H STA. 202+22.7, OFF = 73.0' RT
INV = 567.30
PRC FLAR END SEC 48"



PLAN	SURVEYED	DATE
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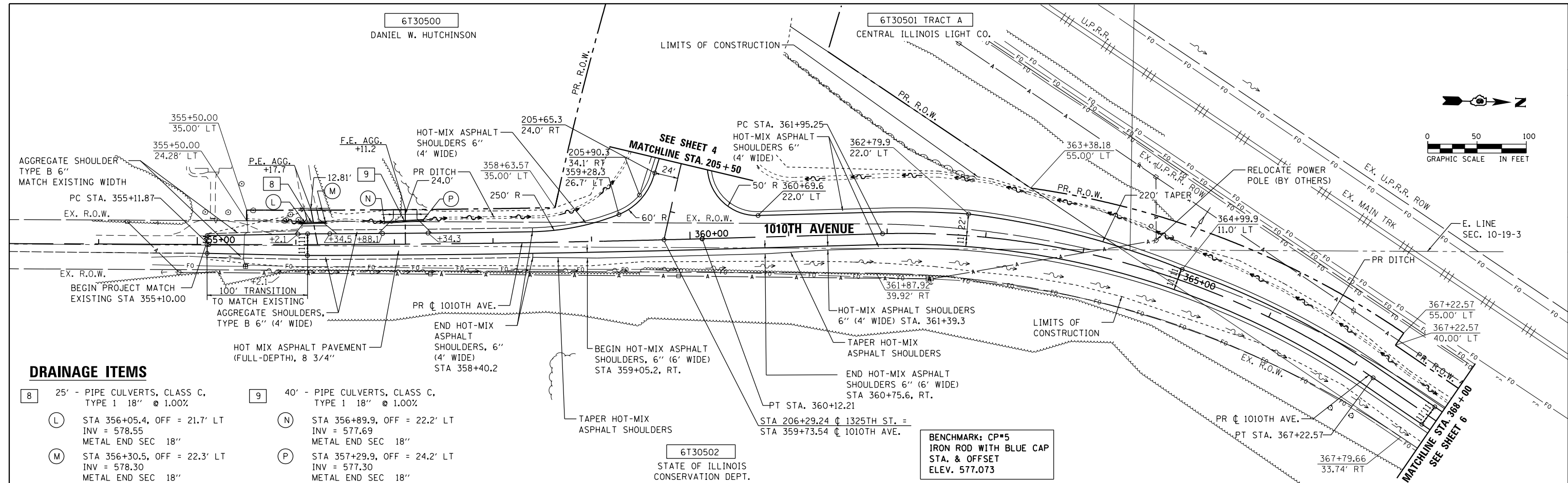
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	NO.	



	USER NAME = james.push	DESIGNED - CJG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PLAN AND PROFILE 1325TH STREET	F.A.S. RTE. 1771A	SECTION D6 2015-7HSRR	COUNTY LOGAN	TOTAL SHEETS 127	SHEET NO. 26		
	PLOT SCALE = 100.0000' / 1"	CHECKED - JRP	REVISED -			SCALE: 1"=50'	SHEET 4 OF 6 SHEETS	STA. 200+90.00 TO STA. 205+50.00	CONTRACT NO. 72113			
	PLOT DATE = 12/10/2015	DATE - 12/11/2015	REVISED -			ILLINOIS FED. AID PROJECT						

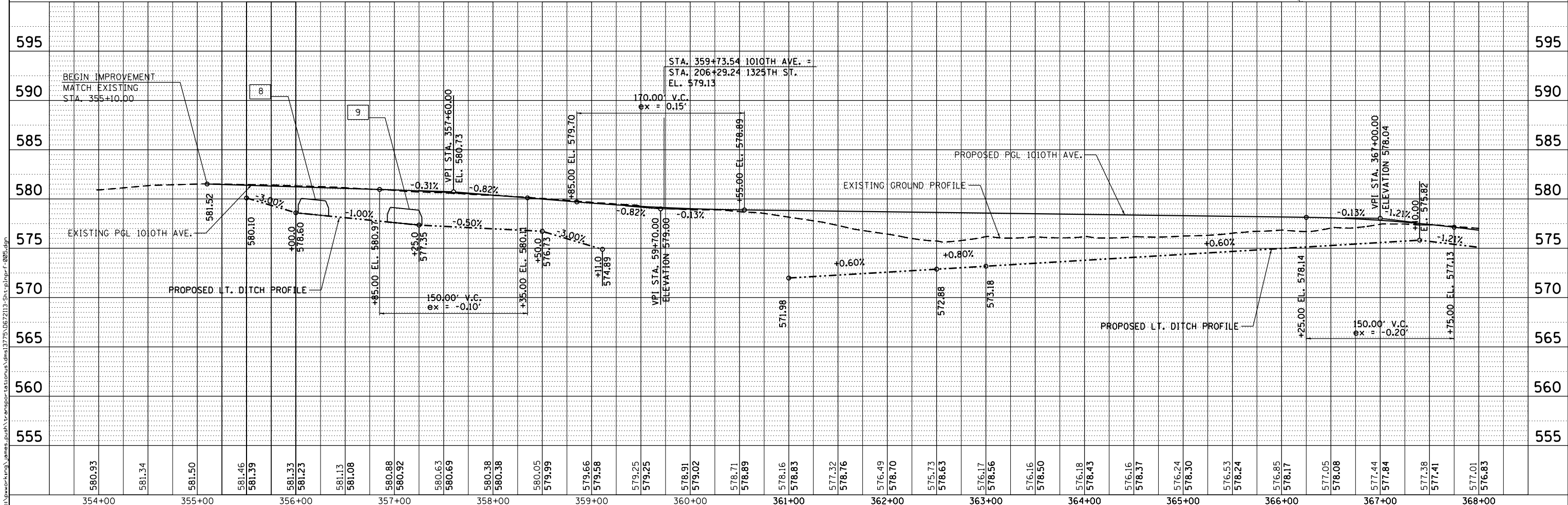
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BY	
PLAN	SURVEYED
	PLOTTED
	NOTE BOOK
	NO.
	NO.
	NO.
	NO.
	NO.

DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	NOTE BOOK
	NO.
	NO.
	NO.
	NO.
	NO.



DRAINAGE ITEMS

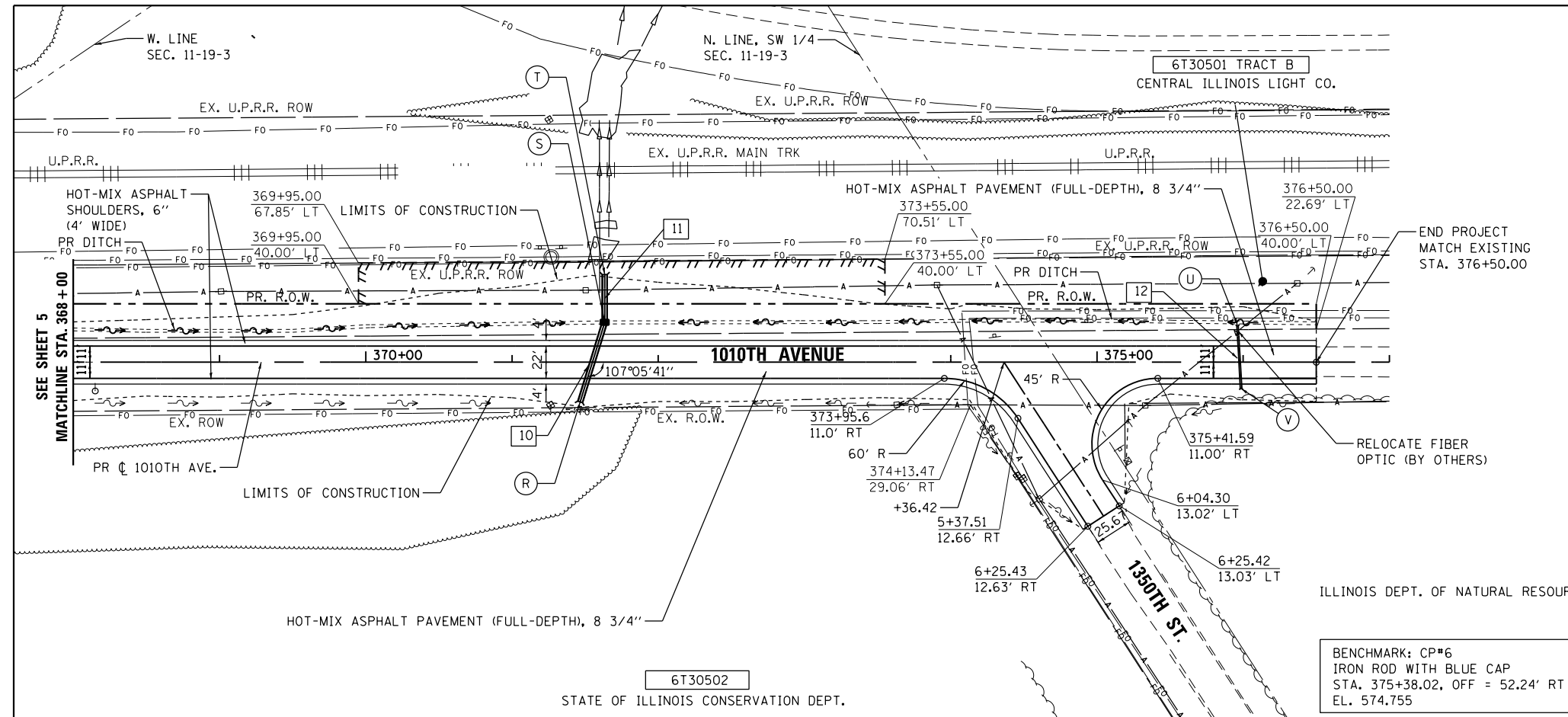
- 8 25' - PIPE CULVERTS, CLASS C, TYPE 1 18" @ 1.00%
- 9 40' - PIPE CULVERTS, CLASS C, TYPE 1 18" @ 1.00%
- L STA 356+05.4, OFF = 21.7' LT, INV = 578.55, METAL END SEC 18"
- M STA 356+30.5, OFF = 22.3' LT, INV = 578.30, METAL END SEC 18"
- N STA 356+89.9, OFF = 22.2' LT, INV = 577.69, METAL END SEC 18"
- P STA 357+29.9, OFF = 24.2' LT, INV = 577.30, METAL END SEC 18"



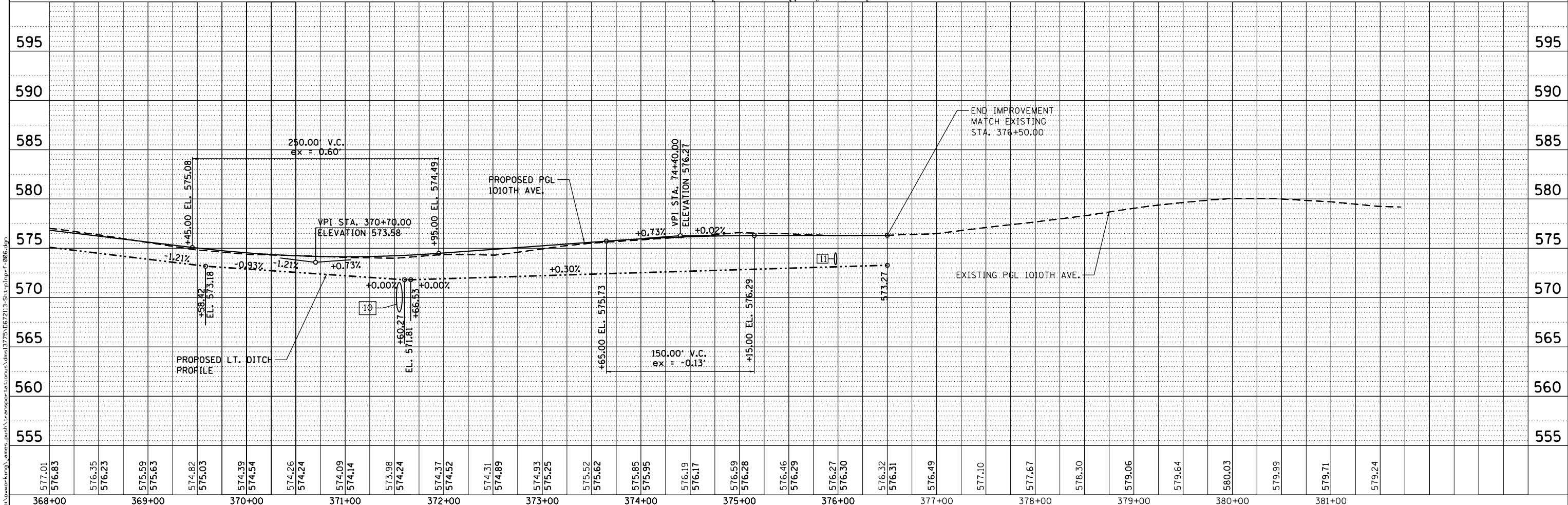
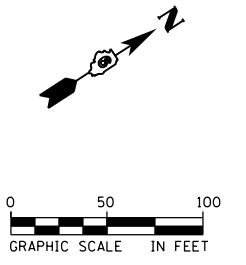
AECOM	USER NAME = james.push	DESIGNED - C/JG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PLAN AND PROFILE 1010TH AVENUE			F.A.S. RTE. 1771A	SECTION D6 2015-7HSRR	COUNTY LOGAN	TOTAL SHEETS 127	SHEET NO. 27	
	PLOT SCALE = 100.0000' / 1"	CHECKED - JRP	REVISED -		SCALE: 1"=50'	SHEET 5 OF 6 SHEETS	STA. 355+10.00 TO STA. 368+00.00	CONTRACT NO. 72113					
	PLOT DATE = 12/10/2015	DATE - 12/11/2015	REVISED -		ILLINOIS FED. AID PROJECT								

DATE	
BY	
PLAN	
SURVEYED	
PLOTTED	
ALIGNED	
CHECKED	
NO. /	
NOTE BOOK	
NO.	
CADD FILE NAME	

DATE	
BY	
PROFILE	
SURVEYED	
PLOTTED	
GRADES CHECKED	
NO. /	
NOTE BOOK	
NO.	
STRUCTURE	
NOT AT THIS OFFICE	



- ### DRAINAGE ITEMS
- 10 55' - PIPE CULVERTS, CLASS A, TYPE 1 36" @ 1.34%
 - R STA. 371+46.6, OFF = 27.1' RT
INV = 568.93,
END SECTION 36"
TRAVERSABLE PIPE GRATE (16'-10")
 - S STA. 371+63.4, OFF = 27.3' LT
INV = 568.19 E
INV = 568.15 W
CB TB T7G
 - 11 31' - PIPE CULVERTS, CLASS A, TYPE 1 36" @ 1.34%
 - T STA. 371+63.4, OFF = 60.0' LT
INV = 567.73
PRC FLAR END SEC 36"
 - 12 47' - PIPE CULVERTS, CLASS C, TYPE 1 18" @ 1.25%
 - U STA. 375+96.1, OFF = 27.0' LT.
INV = 572.80
METAL END SEC 18"
 - V STA. 375+98.6, OFF = 25.0' RT
INV = 573.45
METAL END SEC 18"



USER NAME = james.push	DESIGNED - CJG	REVISED -
	DRAWN - ATP	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED - JRP	REVISED -
PLOT DATE = 12/10/2015	DATE - 12/11/2015	REVISED -

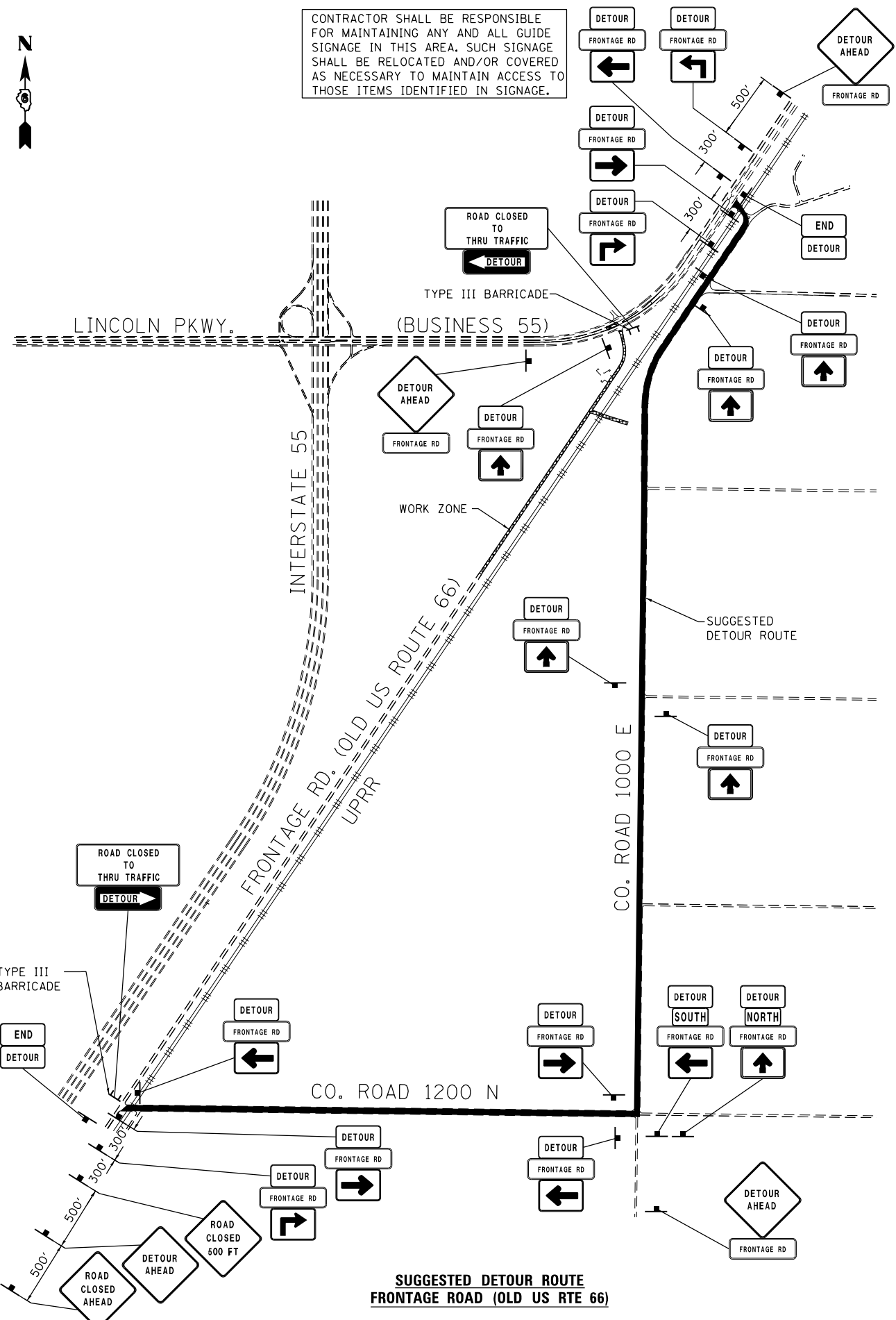
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN AND PROFILE
1010TH AVENUE
SCALE: 1"=50' SHEET 6 OF 6 SHEETS STA. 368+00.00 TO STA. 377+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	28
CONTRACT NO. 72113				ILLINOIS FED. AID PROJECT



CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ANY AND ALL GUIDE SIGNAGE IN THIS AREA. SUCH SIGNAGE SHALL BE RELOCATED AND/OR COVERED AS NECESSARY TO MAINTAIN ACCESS TO THOSE ITEMS IDENTIFIED IN SIGNAGE.

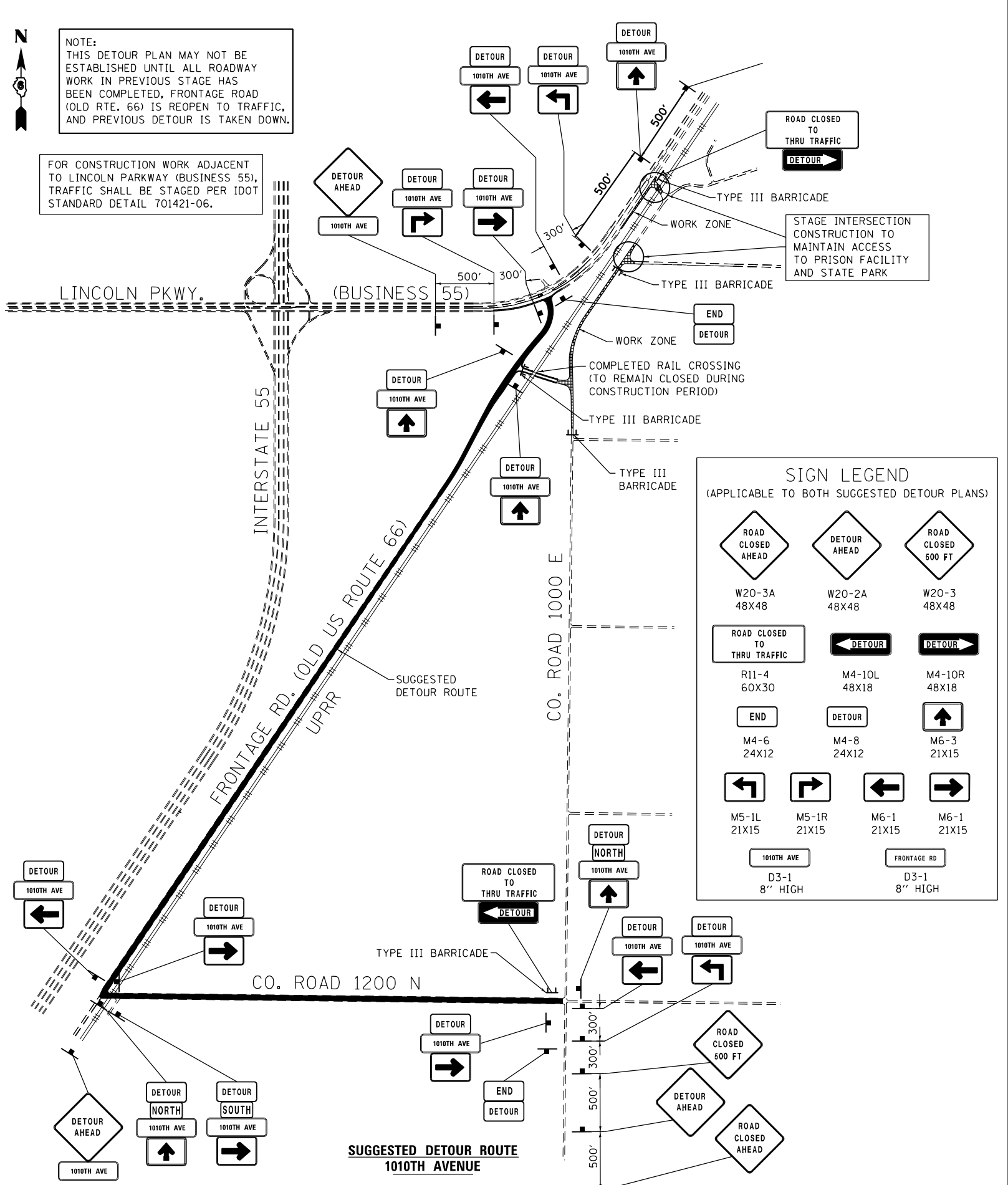


**SUGGESTED DETOUR ROUTE
FRONTAGE ROAD (OLD US RTE 66)**



NOTE:
THIS DETOUR PLAN MAY NOT BE ESTABLISHED UNTIL ALL ROADWAY WORK IN PREVIOUS STAGE HAS BEEN COMPLETED, FRONTAGE ROAD (OLD RTE. 66) IS REOPEN TO TRAFFIC, AND PREVIOUS DETOUR IS TAKEN DOWN.

FOR CONSTRUCTION WORK ADJACENT TO LINCOLN PARKWAY (BUSINESS 55), TRAFFIC SHALL BE STAGED PER IDOT STANDARD DETAIL 701421-06.



**SUGGESTED DETOUR ROUTE
1010TH AVENUE**

SIGN LEGEND (APPLICABLE TO BOTH SUGGESTED DETOUR PLANS)					
W20-3A 48X48	W20-2A 48X48	W20-3 48X48			
R11-4 60X30	M4-10L 48X18	M4-10R 48X18			
M4-6 24X12	M4-8 24X12	M6-3 21X15			
M5-1L 21X15	M5-1R 21X15	M6-1 21X15	M6-1 21X15		
D3-1 8" HIGH	D3-1 8" HIGH				

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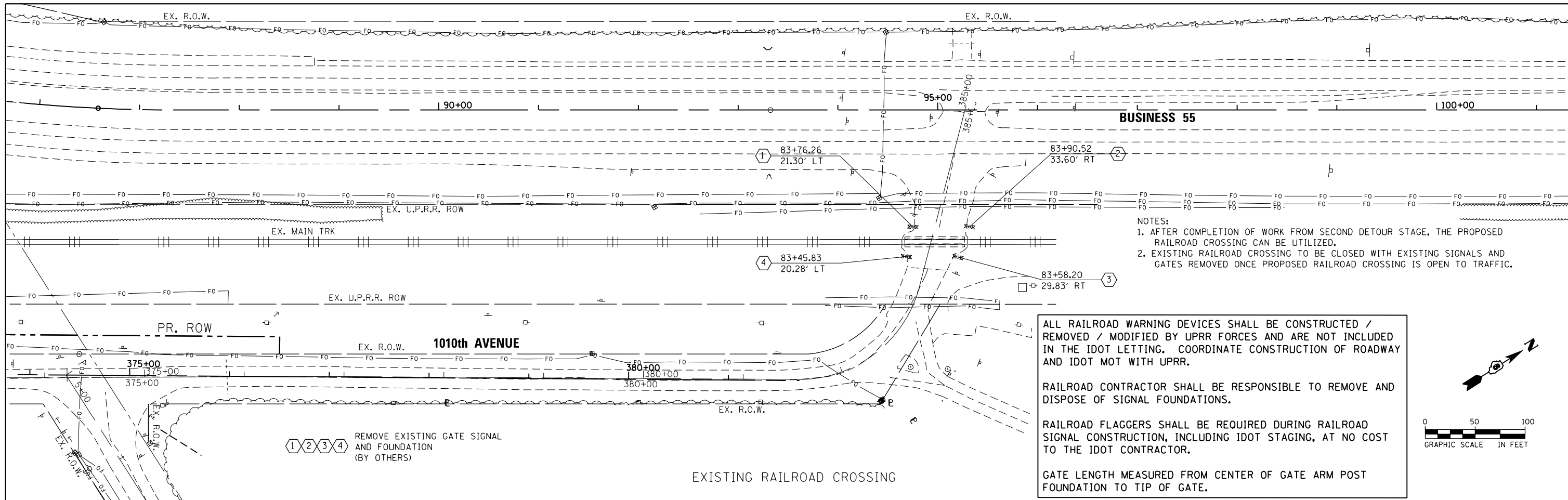
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PLOT SCALE = 48.0000' / in.	CHECKED - JRP	REVISED -
PLOT DATE = 12/10/2015	DATE - 12/11/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED DETOUR PLANS
1010TH AVE / FRONTAGE ROAD (OLD US RTE 66)

SCALE: NTS SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.S. RTE. 1771A	SECTION D6 2015-7HSRR	COUNTY LOGAN	TOTAL SHEETS 127	SHEET NO. 29
CONTRACT NO. 72113			ILLINOIS FED. AID PROJECT	



- NOTES:
1. AFTER COMPLETION OF WORK FROM SECOND DETOUR STAGE, THE PROPOSED RAILROAD CROSSING CAN BE UTILIZED.
 2. EXISTING RAILROAD CROSSING TO BE CLOSED WITH EXISTING SIGNALS AND GATES REMOVED ONCE PROPOSED RAILROAD CROSSING IS OPEN TO TRAFFIC.

ALL RAILROAD WARNING DEVICES SHALL BE CONSTRUCTED / REMOVED / MODIFIED BY UPRR FORCES AND ARE NOT INCLUDED IN THE IDOT LETTING. COORDINATE CONSTRUCTION OF ROADWAY AND IDOT MOT WITH UPRR.

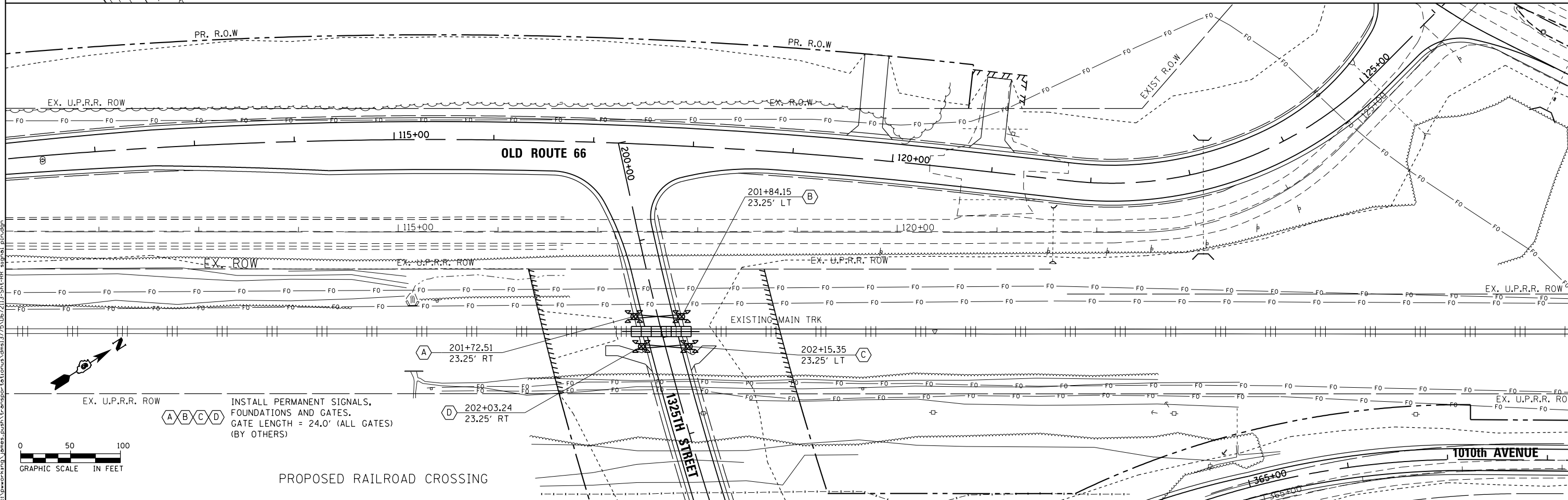
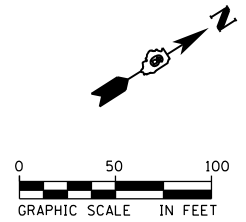
RAILROAD CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE AND DISPOSE OF SIGNAL FOUNDATIONS.

RAILROAD FLAGGERS SHALL BE REQUIRED DURING RAILROAD SIGNAL CONSTRUCTION, INCLUDING IDOT STAGING, AT NO COST TO THE IDOT CONTRACTOR.

GATE LENGTH MEASURED FROM CENTER OF GATE ARM POST FOUNDATION TO TIP OF GATE.

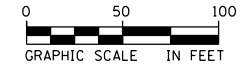
1 2 3 4 REMOVE EXISTING GATE SIGNAL AND FOUNDATION (BY OTHERS)

EXISTING RAILROAD CROSSING



A B C D INSTALL PERMANENT SIGNALS, FOUNDATIONS AND GATES. GATE LENGTH = 24.0' (ALL GATES) (BY OTHERS)

PROPOSED RAILROAD CROSSING



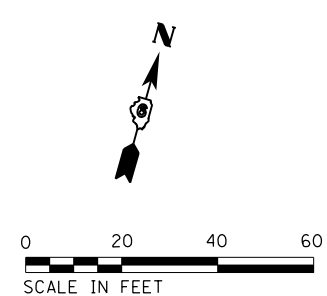
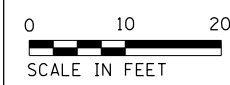
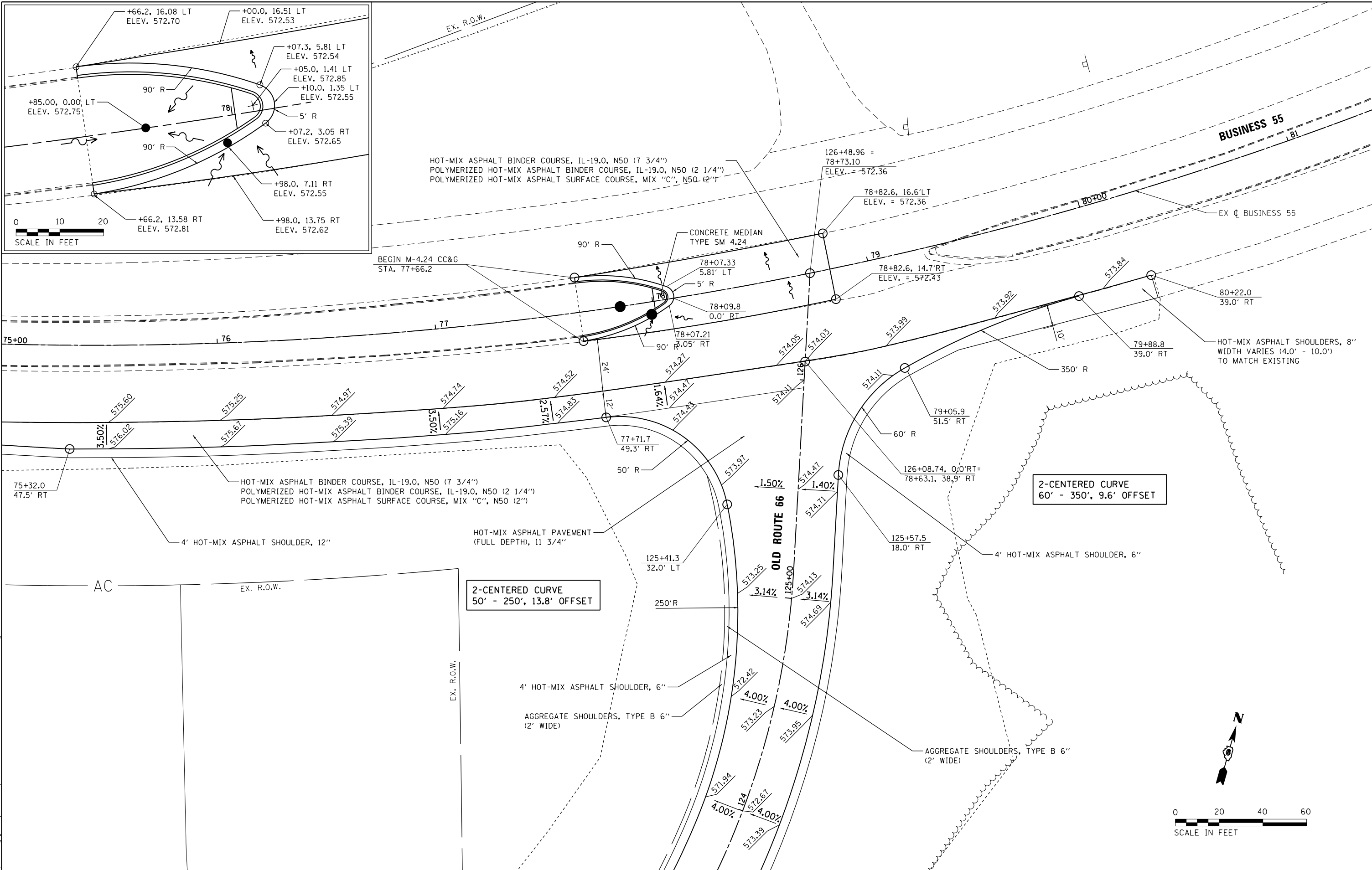
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PLOT DATE = 12/10/2015	CHECKED - JRP	REVISED -
	DATE - 12/11/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAILROAD SIGNAL LOCATION PLAN

SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. 125+00.00 TO STA. 126+49.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	30
CONTRACT NO. 72113			ILLINOIS FED. AID PROJECT	



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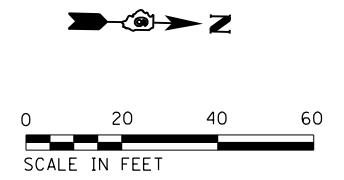
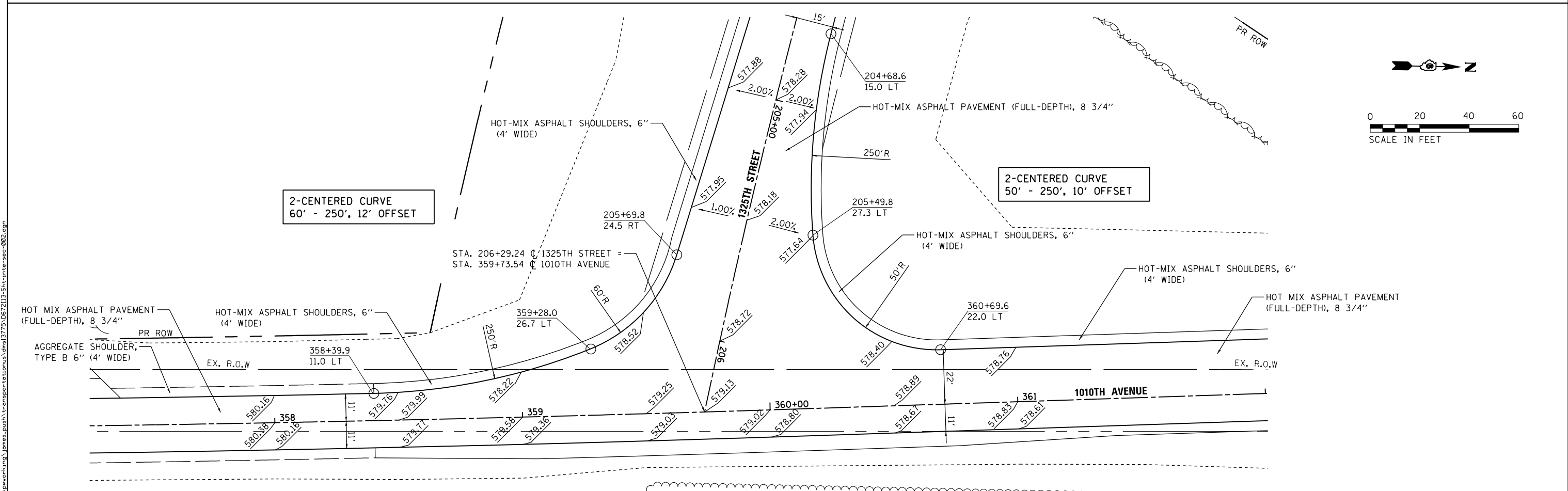
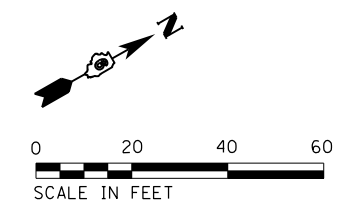
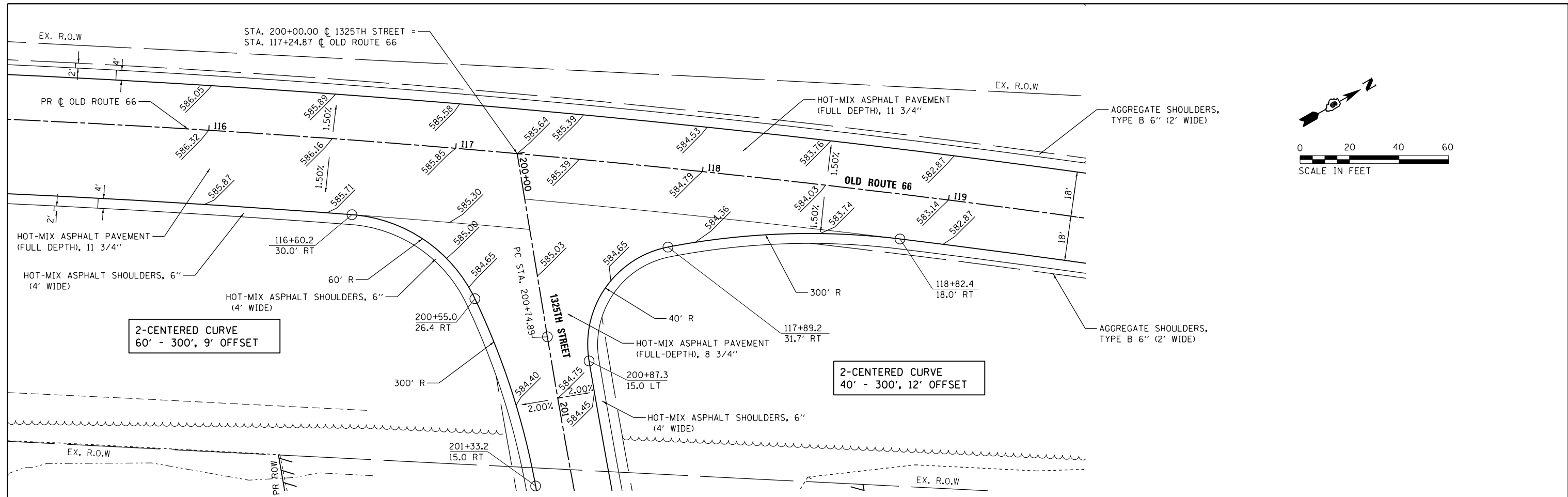
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DRAWN - ATP	REVISOR -	
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PLOT DATE = 12/10/2015	DATE - 12/11/2015	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION PLAN
BUSINESS 55 AND OLD ROUTE 66**

SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.S. RTE. 1771A	SECTION D6 2015-7HSRR	COUNTY LOGAN	TOTAL SHEETS 127	SHEET NO. 31
CONTRACT NO. 72113			ILLINOIS FED. AID PROJECT	



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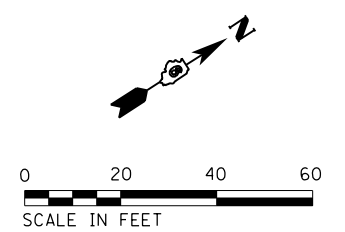
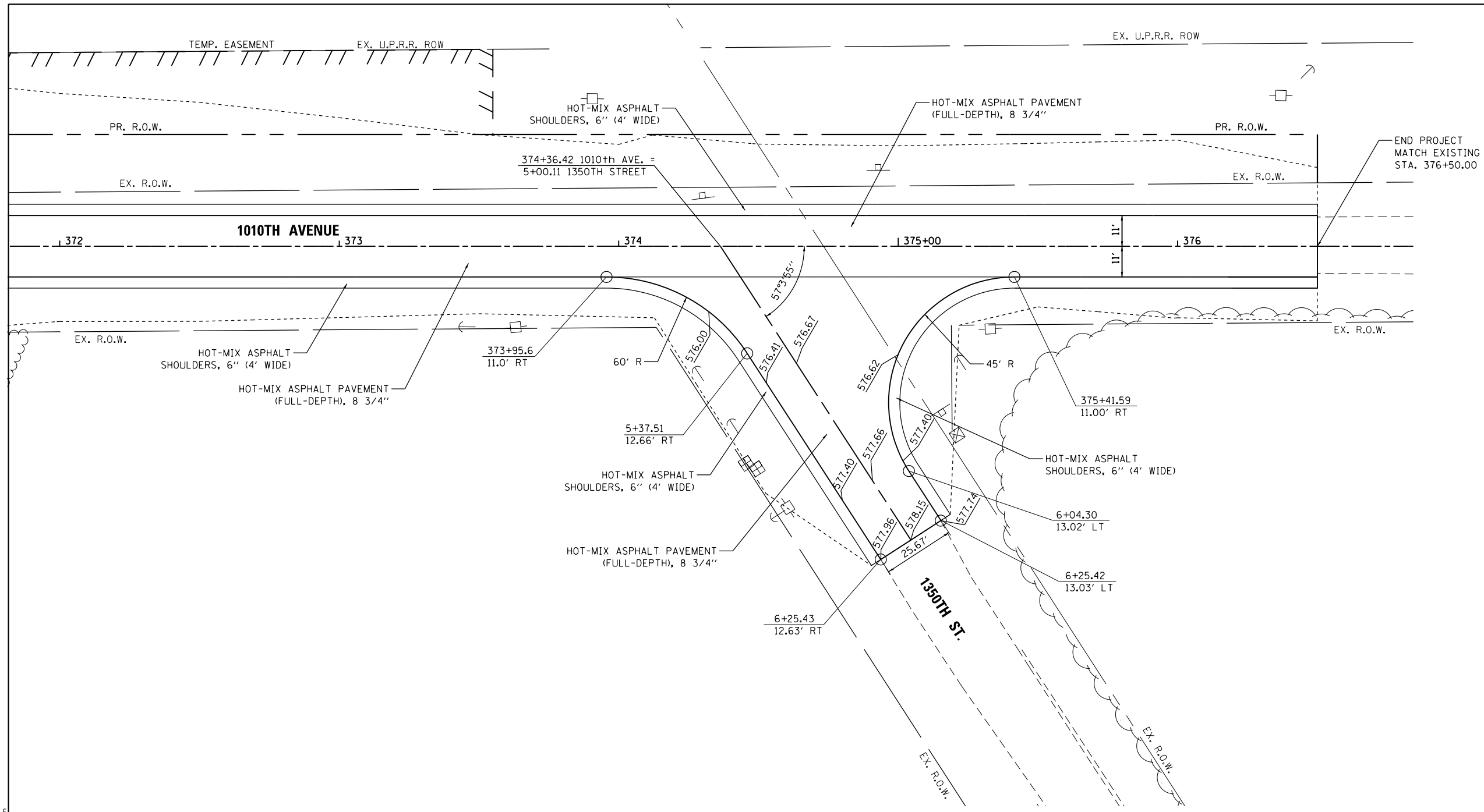
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PLOT DATE = 12/10/2015	DATE - 12/11/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION PLAN
OLD ROUTE 66 AND 1325TH STREET
1010TH AVENUE AND 1325TH STREET**

SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.S. RTE. 1771A	SECTION D6 2015-7HSRR	COUNTY LOGAN	TOTAL SHEETS 127	SHEET NO. 32
CONTRACT NO. 72113			ILLINOIS FED. AID PROJECT	



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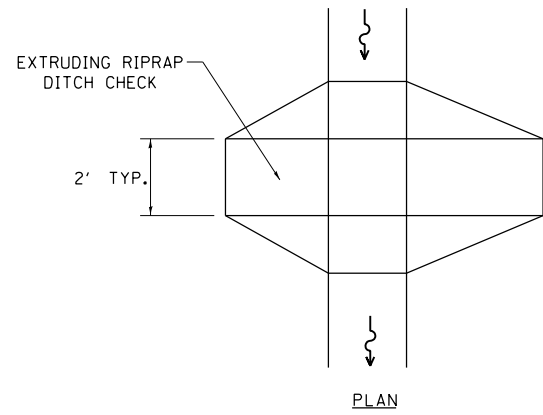
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

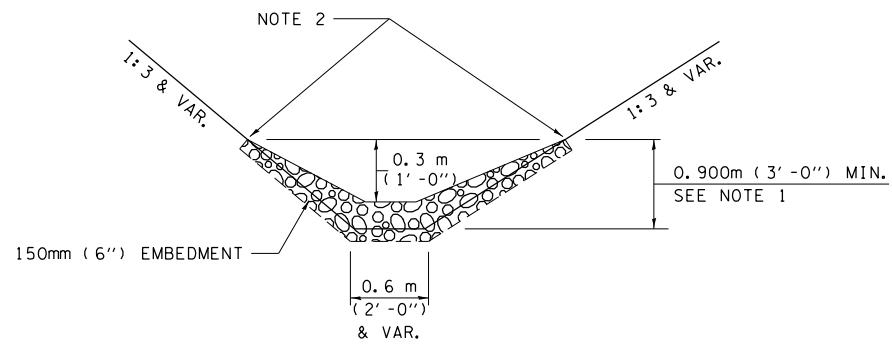
**INTERSECTION PLAN
1010TH AVENUE AND 135TH STREET**

SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	33
CONTRACT NO.			72113	
ILLINOIS FED. AID PROJECT				



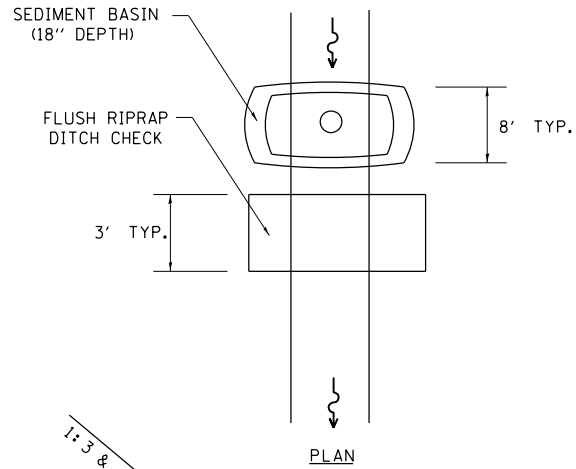
PLAN



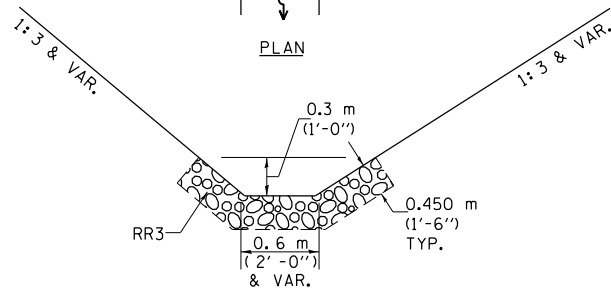
ELEVATION

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

OPTIONS 1 & 2 OR
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 DITCH CHECKS	
INLET PIPE PROTECTION	
PERIMETER EROSION BARRIER	
SEDIMENT BASINS	
EARTH EXCAVATION FOR EROSION CONTROL AGGREGATE (EROSION CONTROL)	
PRESERVE EXISTING TREES, WOODLANDS, AND UNDERSTORY (OUTSIDE CONSTRUCTION LIMITS)	
ITEM PLACED AT BEGINNING OF CONSTRUCTION (Requirement)	* ITEM *
ITEM PLACED AS DIRECTED BY ENGINEER (When required by situation)	ITEM
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.

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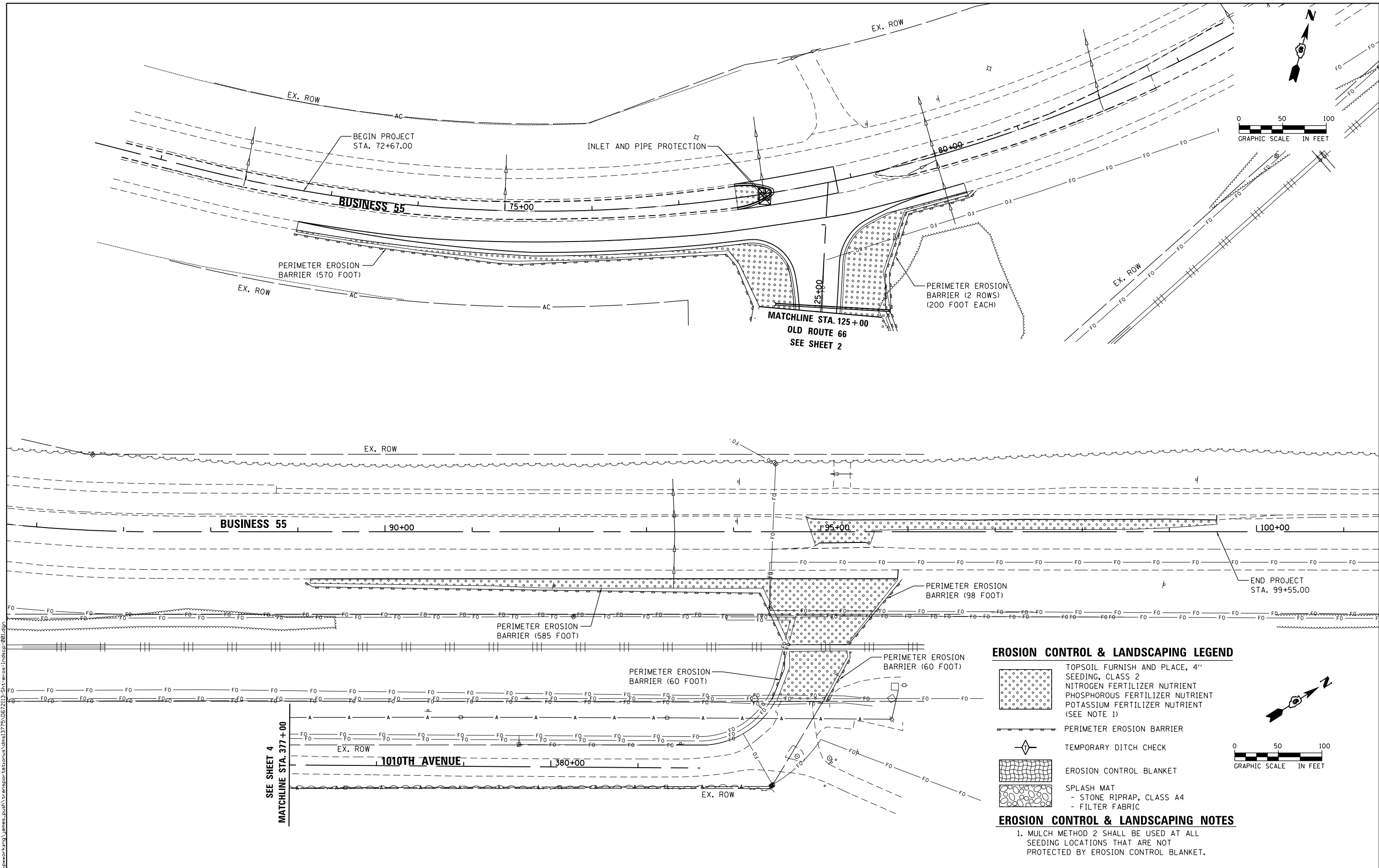
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	DRAWN - CADD	REVISED - OCT 2010 (JCN)
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PLOT DATE = 12/10/2015	DATE - APRIL 5, 1999	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

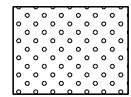


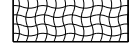

**STORM WATER
POLLUTION PREVENTION PLAN**

SCALE: N.T.S. SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	37
CONTRACT NO.			72113	
ILLINOIS FED. AID PROJECT				



EROSION CONTROL & LANDSCAPING LEGEND

-  TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 2 NITROGEN FERTILIZER NUTRIENT PHOSPHOROUS FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT (SEE NOTE 1)
-  PERIMETER EROSION BARRIER
-  TEMPORARY DITCH CHECK
-  EROSION CONTROL BLANKET
-  SPLASH MAT
- STONE RIPRAP, CLASS A4
- FILTER FABRIC

EROSION CONTROL & LANDSCAPING NOTES

1. MULCH METHOD 2 SHALL BE USED AT ALL SEEDING LOCATIONS THAT ARE NOT PROTECTED BY EROSION CONTROL BLANKET.



USER NAME = james.push
 PLOT SCALE = 100.0000' / 1" = 100'
 PLOT DATE = 12/10/2015

DESIGNED - CJG
 DRAWN - ATP
 CHECKED - JRP
 DATE - 12/11/2015

REVISED -
 REVISED -
 REVISED -
 REVISED -

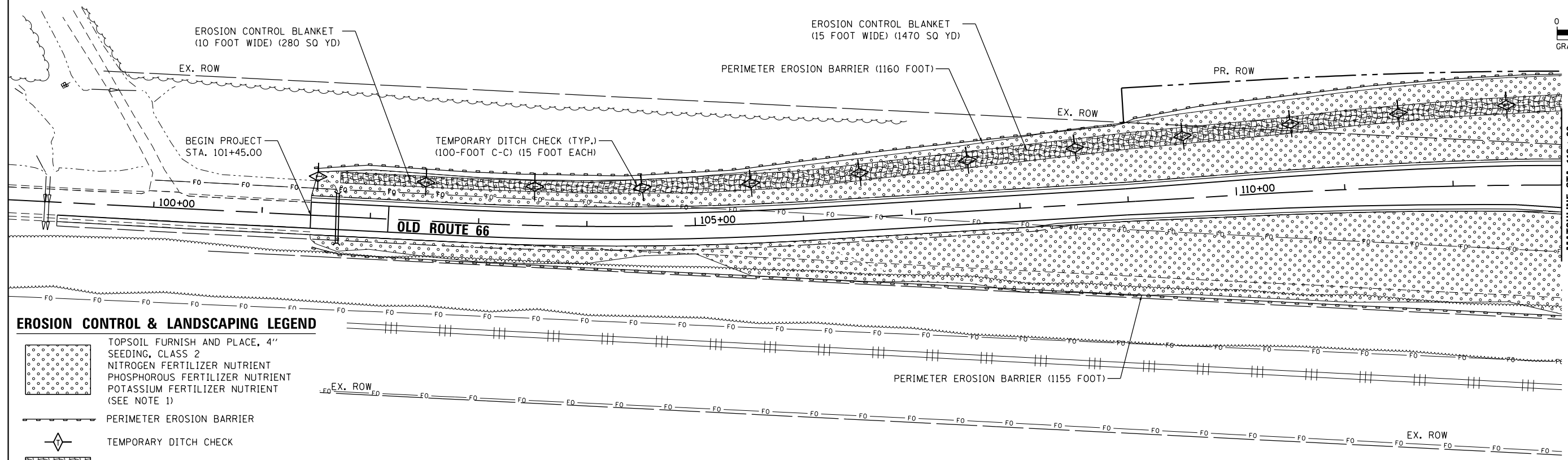
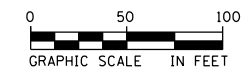
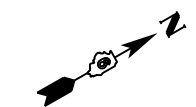
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL AND LANDSCAPING PLAN
 BUSINESS 55**

SCALE: 1"=50' SHEET 1 OF 4 SHEETS STA. 70+22.03 TO STA. 101+40.75

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	38
CONTRACT NO. 72113			ILLINOIS FED. AID PROJECT	

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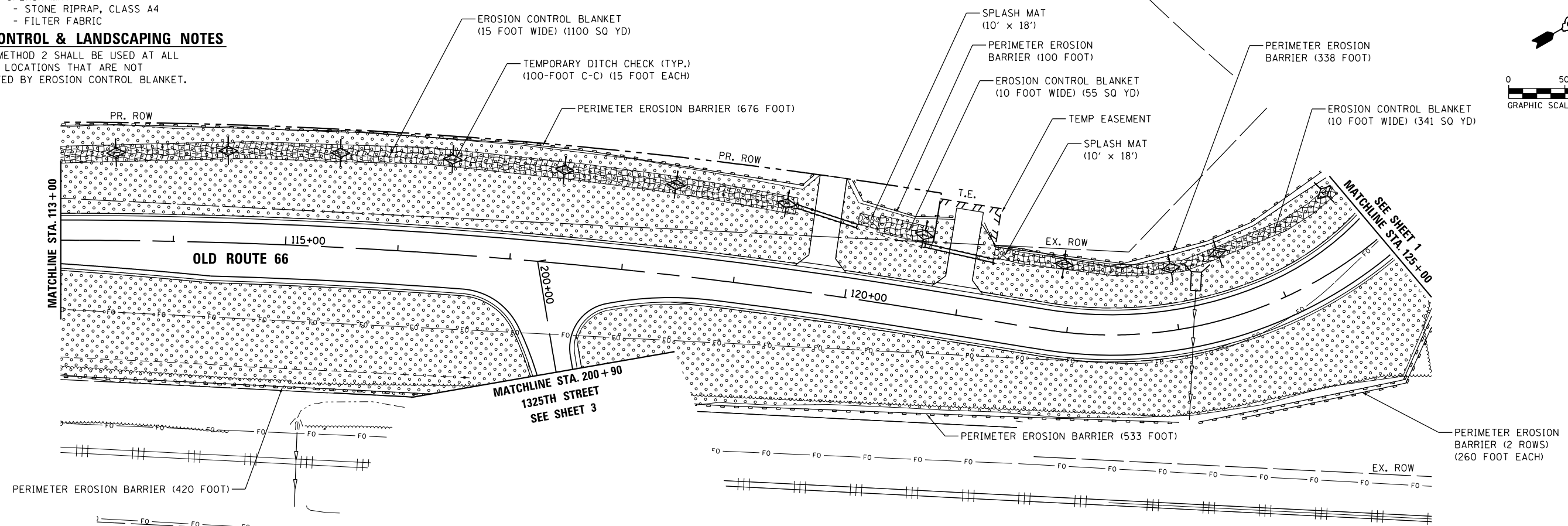
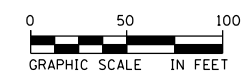
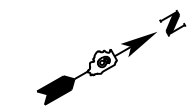


EROSION CONTROL & LANDSCAPING LEGEND

- TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 2 NITROGEN FERTILIZER NUTRIENT PHOSPHOROUS FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT (SEE NOTE 1)
- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK
- EROSION CONTROL BLANKET
- SPLASH MAT
 - STONE RIPRAP, CLASS A4
 - FILTER FABRIC

EROSION CONTROL & LANDSCAPING NOTES

1. MULCH METHOD 2 SHALL BE USED AT ALL SEEDING LOCATIONS THAT ARE NOT PROTECTED BY EROSION CONTROL BLANKET.



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PLOT SCALE = 100.0000' / 1"	DRAWN - ATP	REVISED -
PLOT DATE = 12/10/2015	CHECKED - JRP	REVISED -
	DATE - 12/11/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

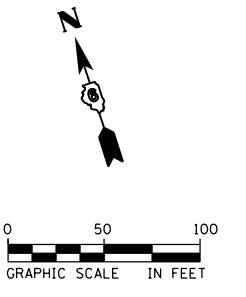
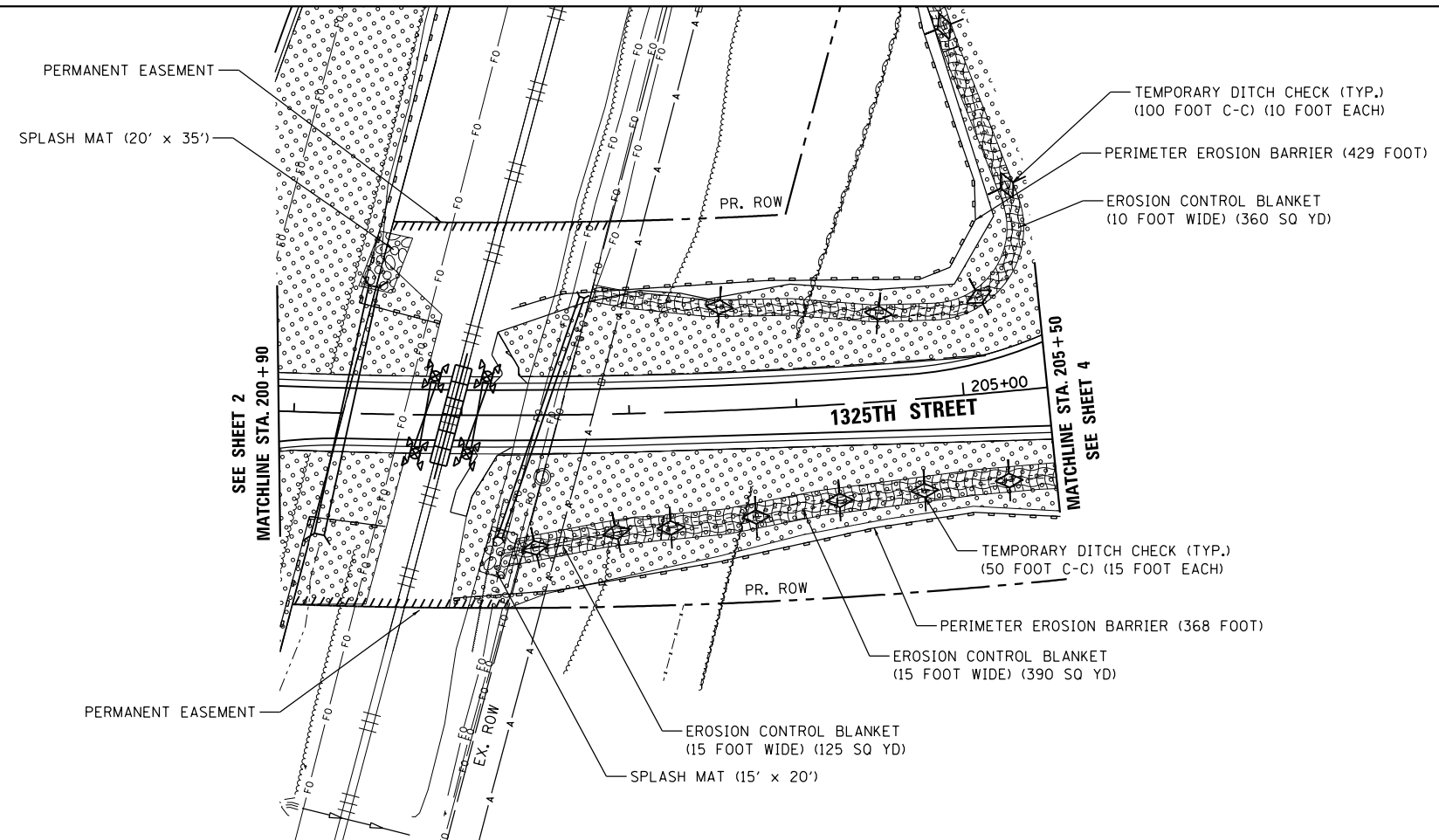
**EROSION CONTROL AND LANDSCAPING PLAN
OLD ROUTE 66**

SCALE: 1"=50' SHEET 2 OF 4 SHEETS STA. 101+45.00 TO STA. 125+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	39
CONTRACT NO. 72113				

ILLINOIS FED. AID PROJECT

FILE NAME = c:\neworking\james.push\transport\stunust\dms13775\0627113_Sht-eros-landscape-082.dgn



EROSION CONTROL & LANDSCAPING LEGEND

- TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 2
NITROGEN FERTILIZER NUTRIENT
PHOSPHOROUS FERTILIZER NUTRIENT
POTASSIUM FERTILIZER NUTRIENT
(SEE NOTE 1)
- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK
- EROSION CONTROL BLANKET
- SPLASH MAT
- STONE RIPRAP, CLASS A4
- FILTER FABRIC

EROSION CONTROL & LANDSCAPING NOTES

1. MULCH METHOD 2 SHALL BE USED AT ALL SEEDING LOCATIONS THAT ARE NOT PROTECTED BY EROSION CONTROL BLANKET.

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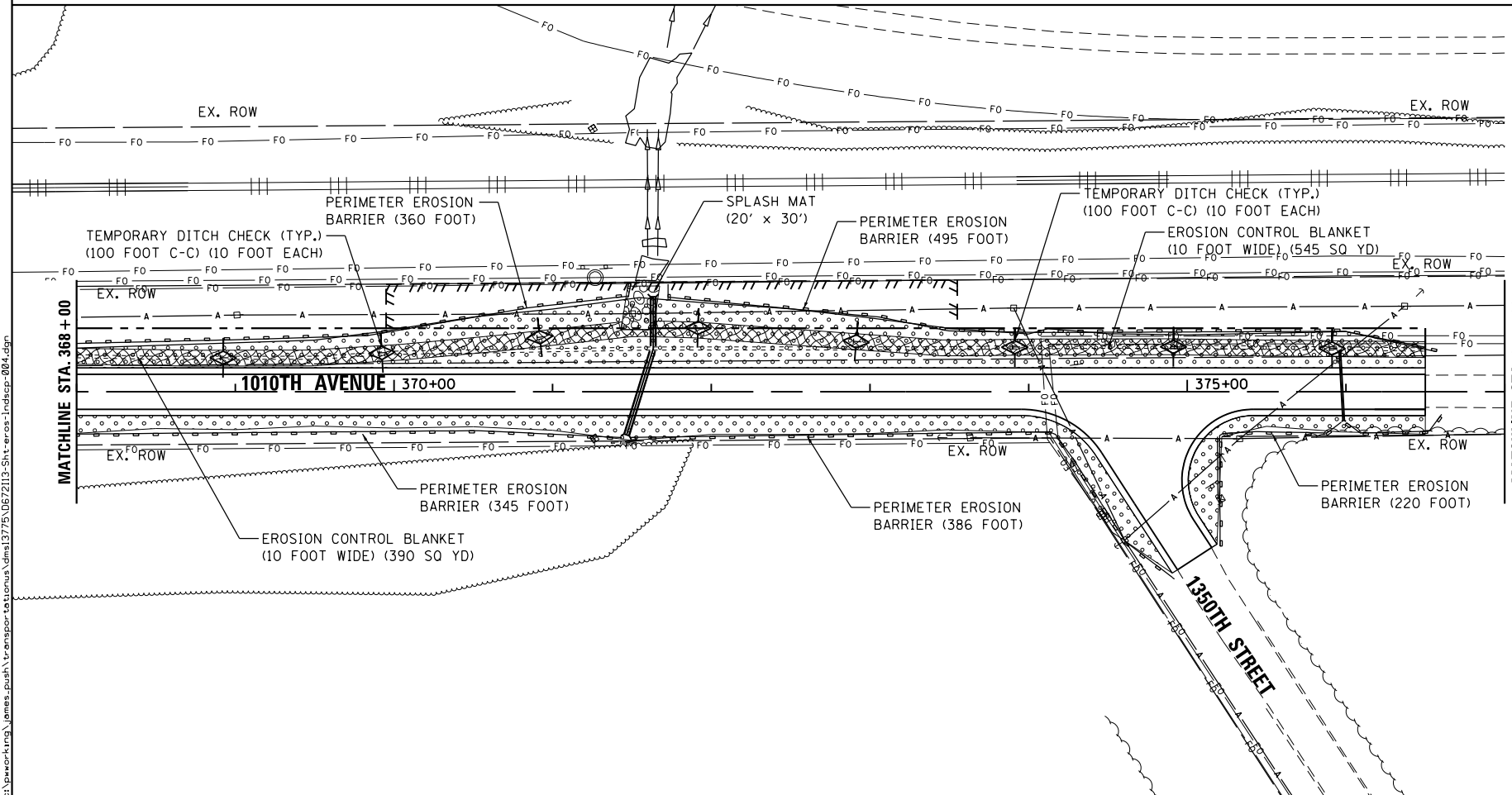
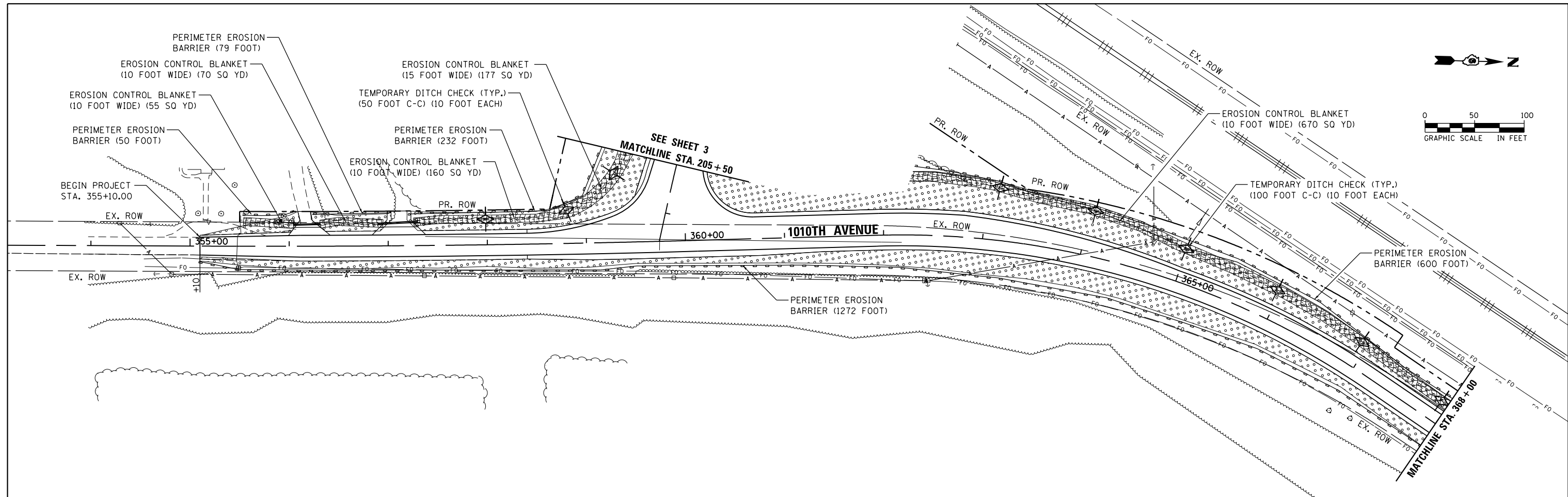
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

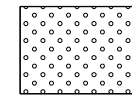

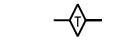
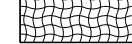

**EROSION CONTROL AND LANDSCAPING PLAN
1325TH STREET**

SCALE: 1"=50' SHEET 3 OF 4 SHEETS STA. 200+90 TO STA. 205+50

F.A.S. RTE. 1771A	SECTION D6 2015-7HSRR	COUNTY LOGAN	TOTAL SHEETS 127	SHEET NO. 40
CONTRACT NO. 72113				
ILLINOIS FED. AID PROJECT				



EROSION CONTROL & LANDSCAPING LEGEND

-  TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 2 NITROGEN FERTILIZER NUTRIENT PHOSPHOROUS FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT (SEE NOTE 1)
-  PERIMETER EROSION BARRIER
-  TEMPORARY DITCH CHECK
-  EROSION CONTROL BLANKET
-  SPLASH MAT
- STONE RIPRAP, CLASS A4
- FILTER FABRIC

EROSION CONTROL & LANDSCAPING NOTES

1. MULCH METHOD 2 SHALL BE USED AT ALL SEEDING LOCATIONS THAT ARE NOT PROTECTED BY EROSION CONTROL BLANKET.



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PLOT SCALE = 100.0000' / 1" =	DRAWN - ATP	REVISED -
PLOT DATE = 12/10/2015	CHECKED - JRP	REVISED -
	DATE - 12/11/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL AND LANDSCAPING PLAN
1010TH AVENUE

SCALE: 1"=50' SHEET 4 OF 4 SHEETS STA. 355+10 TO STA. 377+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	41
CONTRACT NO. 72113			ILLINOIS FED. AID PROJECT	

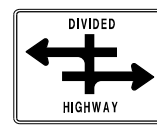
PAVEMENT MARKING LEGEND

- ① MODIFIED URETHANE PAVEMENT MARKING - LINE 5" (SOLID WHITE)
- ② MODIFIED URETHANE PAVEMENT MARKING - LINE 5" (SOLID YELLOW)
- ③ MODIFIED URETHANE PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW, 13" C-C)
- ④ MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (SOLID WHITE)
- ⑤ MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (2' DASH - 6' SKIP WHITE)
- ⑥ MODIFIED URETHANE PAVEMENT MARKING - LINE 8" (SOLID WHITE)
- ⑦ MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (SOLID WHITE)
- ⑧ MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (SOLID YELLOW, 20' C-C)
- ⑨ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LINE 24" (SOLID WHITE)
- ⑩ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LETTERS AND SYMBOLS (WHITE)

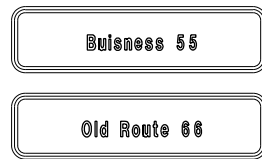
* SEE CONSTRUCTION DETAILS - PAVEMENT MARKING STANDARDS



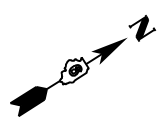
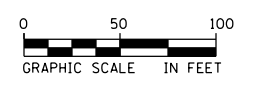
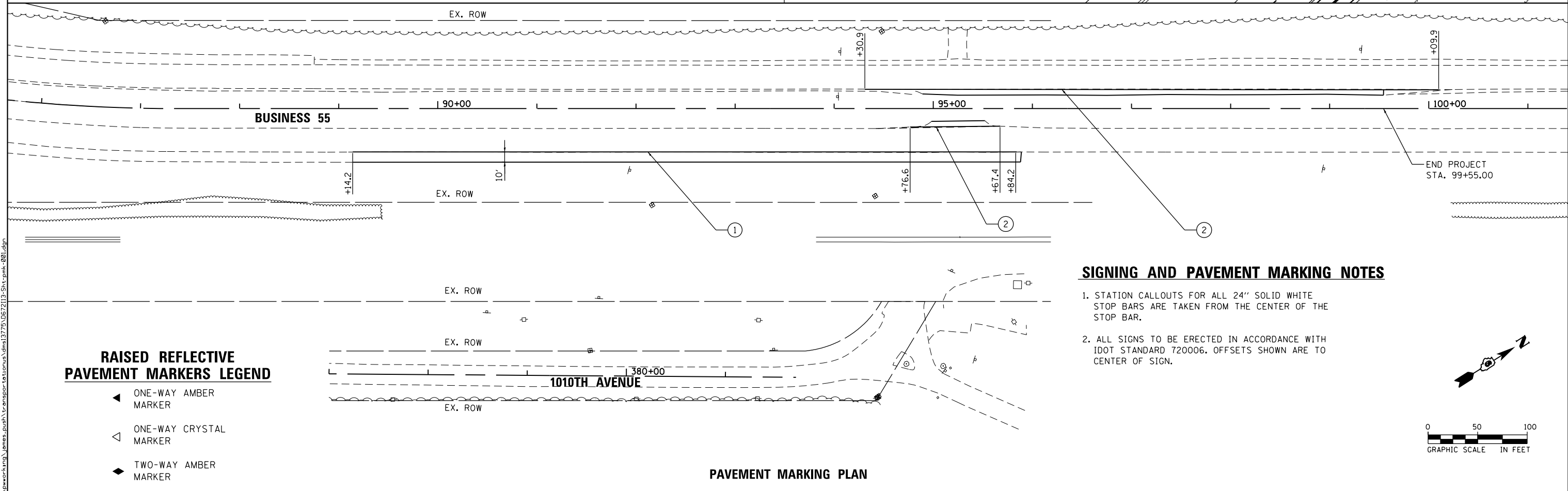
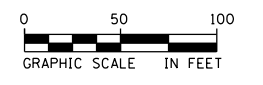
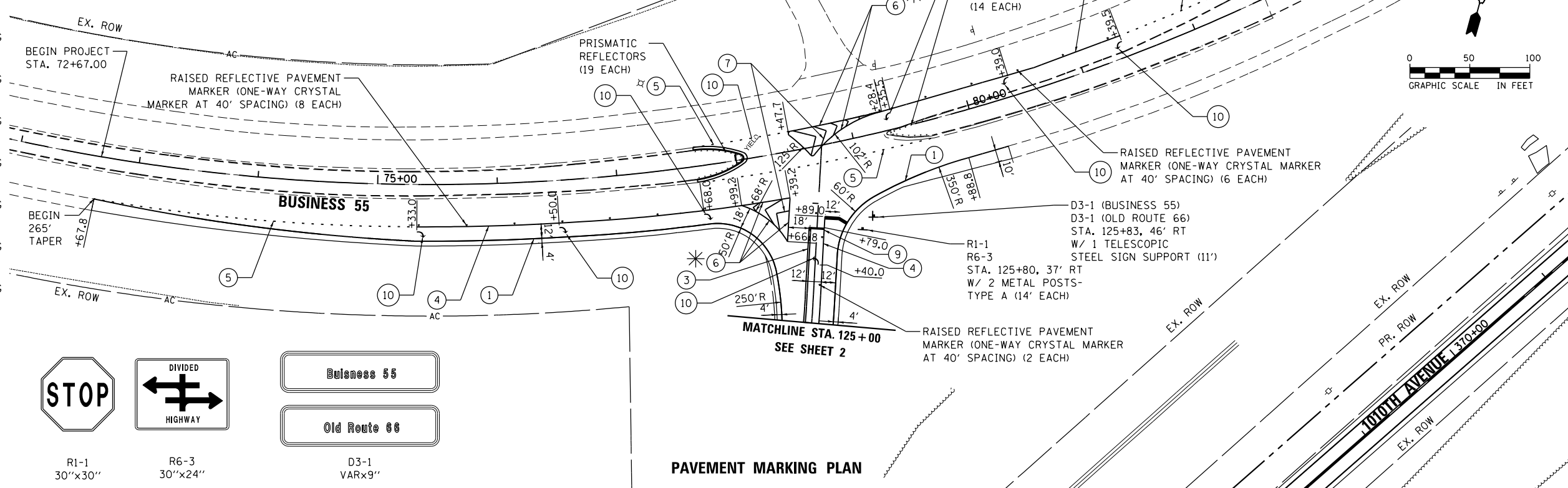
R1-1
30"x30"



R6-3
30"x24"



D3-1
VARx9"



SIGNING AND PAVEMENT MARKING NOTES

1. STATION CALLOUTS FOR ALL 24" SOLID WHITE STOP BARS ARE TAKEN FROM THE CENTER OF THE STOP BAR.
2. ALL SIGNS TO BE ERECTED IN ACCORDANCE WITH IDOT STANDARD 720006. OFFSETS SHOWN ARE TO CENTER OF SIGN.

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DRAWN - ATP	REVISED -	
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PLLOT DATE = 12/10/2015	DATE - 12/11/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIGNING AND PAVEMENT MARKING PLAN
BUSINESS 55**

SCALE: 1"=50' SHEET 1 OF 4 SHEETS STA. 72+67.08 TO STA. 100+09.90

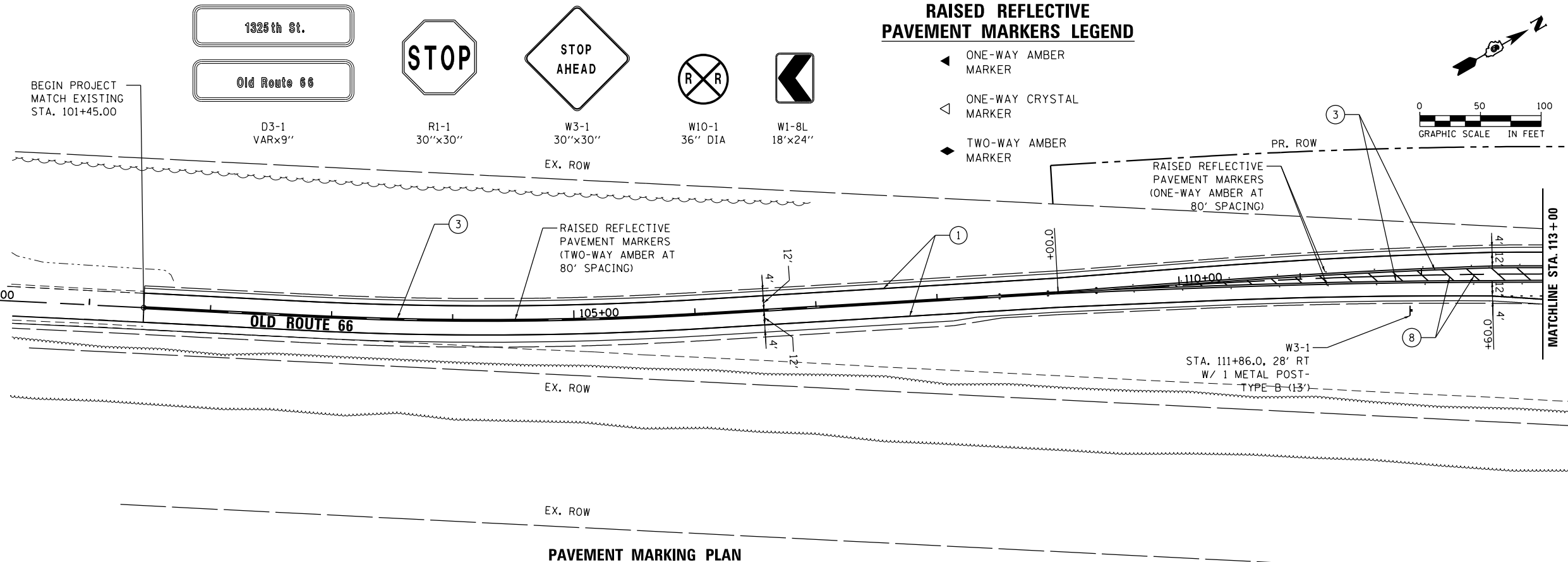
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	42
CONTRACT NO. 72113			ILLINOIS FED. AID PROJECT	

PAVEMENT MARKING LEGEND

- ① MODIFIED URETHANE PAVEMENT MARKING - LINE 5" (SOLID WHITE)
- ② MODIFIED URETHANE PAVEMENT MARKING - LINE 5" (SOLID YELLOW)
- ③ MODIFIED URETHANE PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW, 13" C-C)
- ④ MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (SOLID WHITE)
- ⑤ MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (2' DASH - 6' SKIP WHITE)
- ⑥ MODIFIED URETHANE PAVEMENT MARKING - LINE 8" (SOLID WHITE)
- ⑦ MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (SOLID WHITE)
- ⑧ MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (SOLID YELLOW, 20' C-C)
- ⑨ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LINE 24" (SOLID WHITE)
- ⑩ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LETTERS AND SYMBOLS (WHITE)

RAISED REFLECTIVE PAVEMENT MARKERS LEGEND

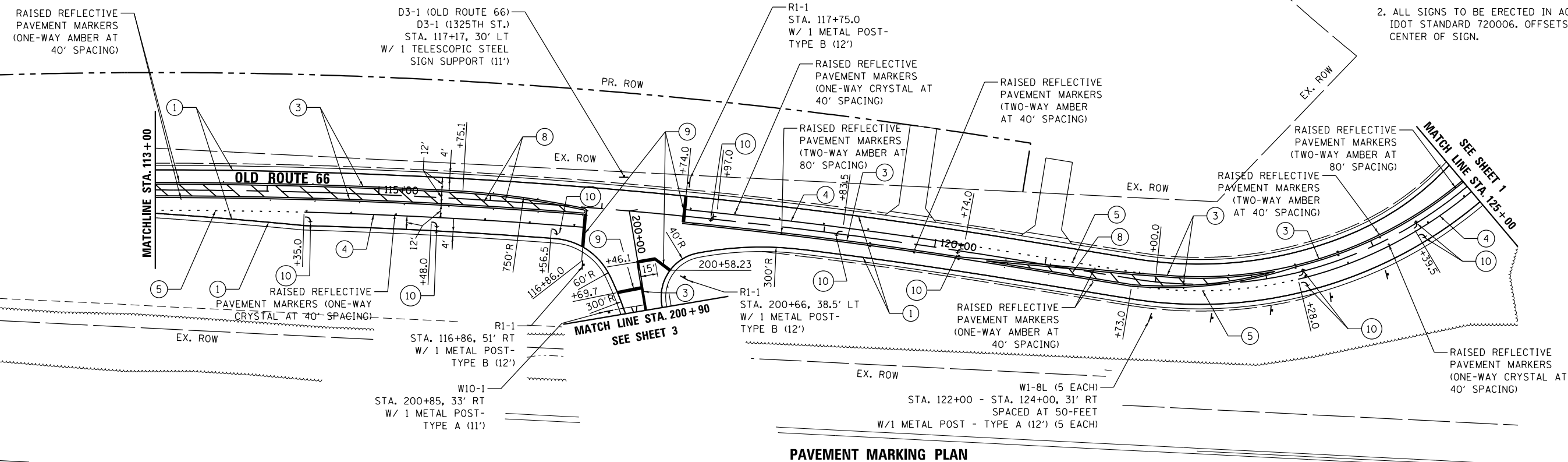
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER
- ◆ TWO-WAY AMBER MARKER



PAVEMENT MARKING PLAN

SIGNING AND PAVEMENT MARKING NOTES

1. STATION CALLOUTS FOR ALL 24" SOLID WHITE STOP BARS ARE TAKEN FROM THE CENTER OF THE STOP BAR.
2. ALL SIGNS TO BE ERECTED IN ACCORDANCE WITH IDOT STANDARD 720006. OFFSETS SHOWN ARE TO CENTER OF SIGN.



PAVEMENT MARKING PLAN

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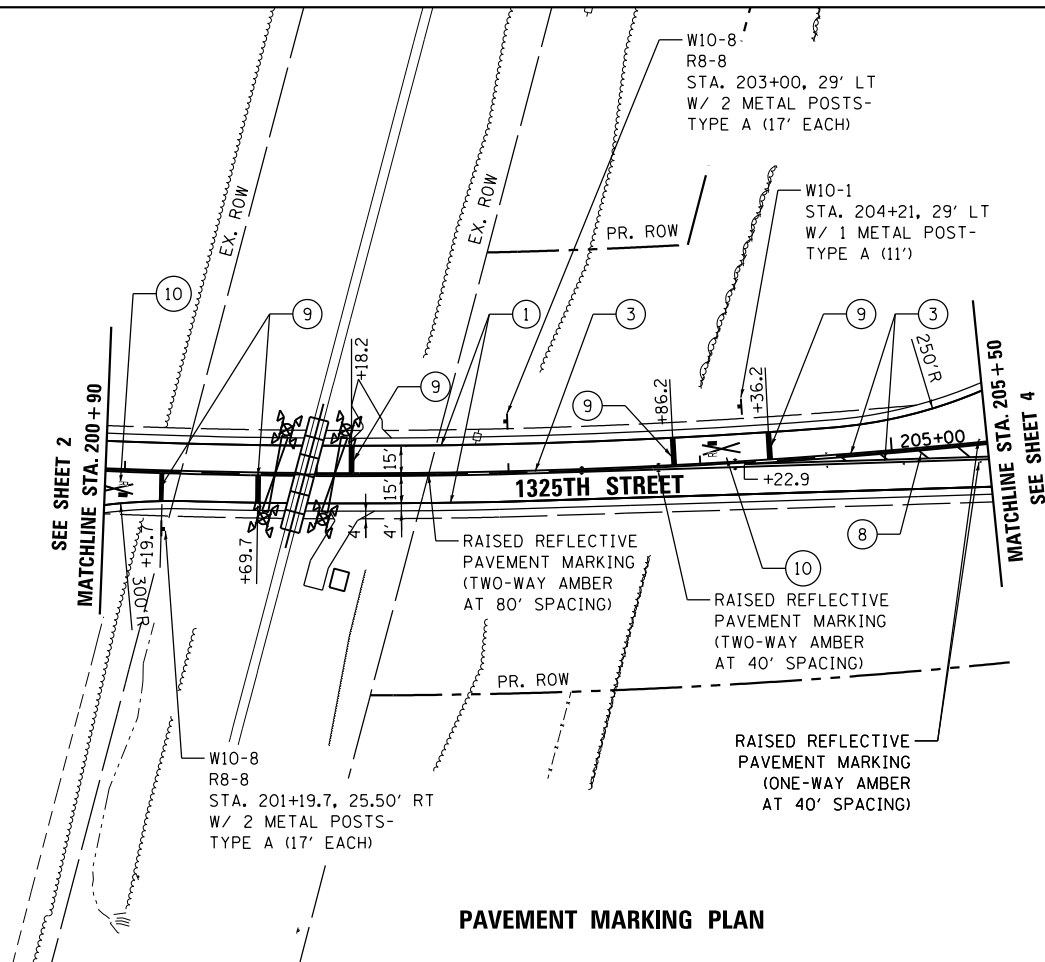


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PLOT SCALE = 100.0000' / 1"	DRAWN - ATP	REVISED -
PLOT DATE = 12/10/2015	CHECKED - JRP	REVISED -
	DATE - 12/11/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING AND PAVEMENT MARKING PLAN OLD ROUTE 66		
SCALE: 1"=50'	SHEET 2 OF 4 SHEETS	STA. 101+45.00 TO STA. 125+00.00

F.A.S. RTE. 1771A	SECTION D6 2015-7HSRR	COUNTY LOGAN	TOTAL SHEETS 127	SHEET NO. 43
CONTRACT NO. 72113			ILLINOIS FED. AID PROJECT	



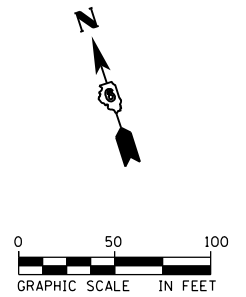
W10-1 • NOTE: SIGN TO BE RELOCATED FROM 36" DIA EXISTING CROSSING AT 1010TH.



W10-8 • NOTE: SIGN TO BE RELOCATED FROM 36"x36" EXISTING CROSSING AT 1010TH.



R8-8 • NOTE: ONE SIGN TO BE RELOCATED FROM EXISTING CROSSING AT 1010TH, AND ONE NEW SIGN.



PAVEMENT MARKING PLAN

PAVEMENT MARKING LEGEND

- ① MODIFIED URETHANE PAVEMENT MARKING - LINE 5" (SOLID WHITE)
- ② MODIFIED URETHANE PAVEMENT MARKING - LINE 5" (SOLID YELLOW)
- ③ MODIFIED URETHANE PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW, 13" C-C)
- ④ MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (SOLID WHITE)
- ⑤ MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (2' DASH - 6' SKIP WHITE)
- ⑥ MODIFIED URETHANE PAVEMENT MARKING - LINE 8" (SOLID WHITE)
- ⑦ MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (SOLID WHITE)
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- ⑨ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LINE 24" (SOLID WHITE)
- ⑩ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LETTERS AND SYMBOLS (WHITE)

SIGNING AND PAVEMENT MARKING NOTES

1. STATION CALLOUTS FOR ALL 24" SOLID WHITE STOP BARS ARE TAKEN FROM THE CENTER OF THE STOP BAR.
2. ALL SIGNS TO BE ERRECTED IN ACCORDANCE WITH IDOT STANDARD 720006. OFFSETS SHOWN ARE TO CENTER OF SIGN.

RAISED REFLECTIVE PAVEMENT MARKERS LEGEND

- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER
- ◆ TWO-WAY AMBER MARKER

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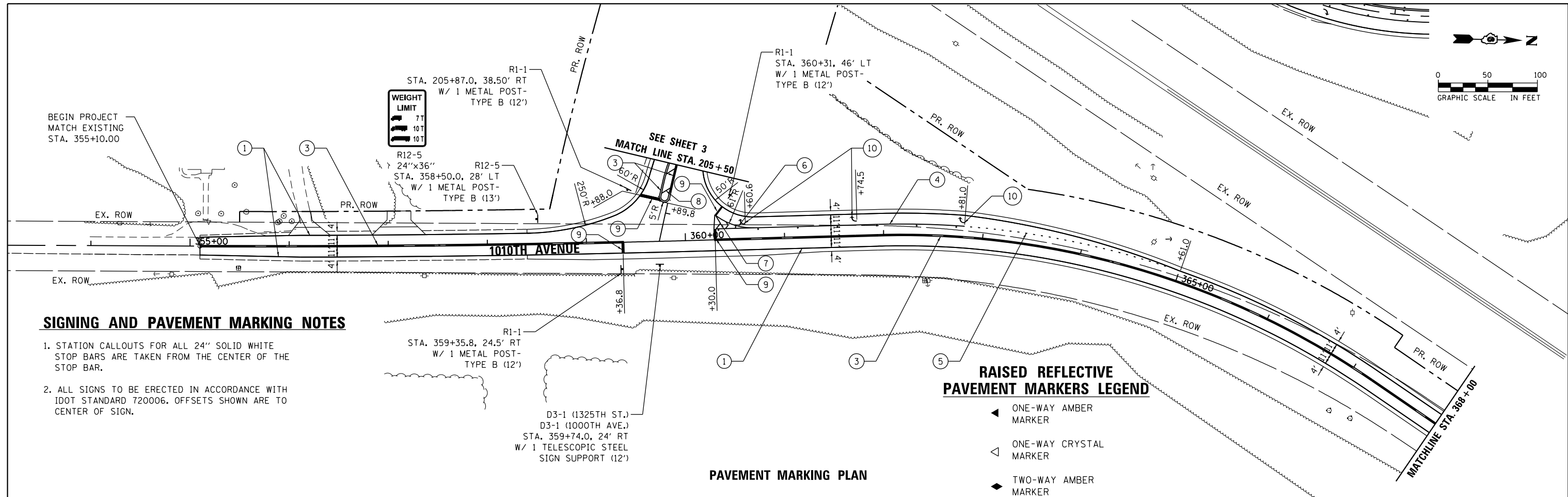
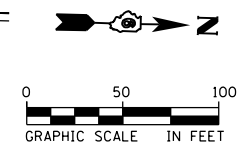
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PLOT DATE = 12/10/2015	DATE - 12/11/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**SIGNING AND PAVEMENT MARKING PLAN
1325TH STREET**

SCALE: 1"=50' SHEET 3 OF 4 SHEETS STA. 200+90.00 TO STA. 205+50.00

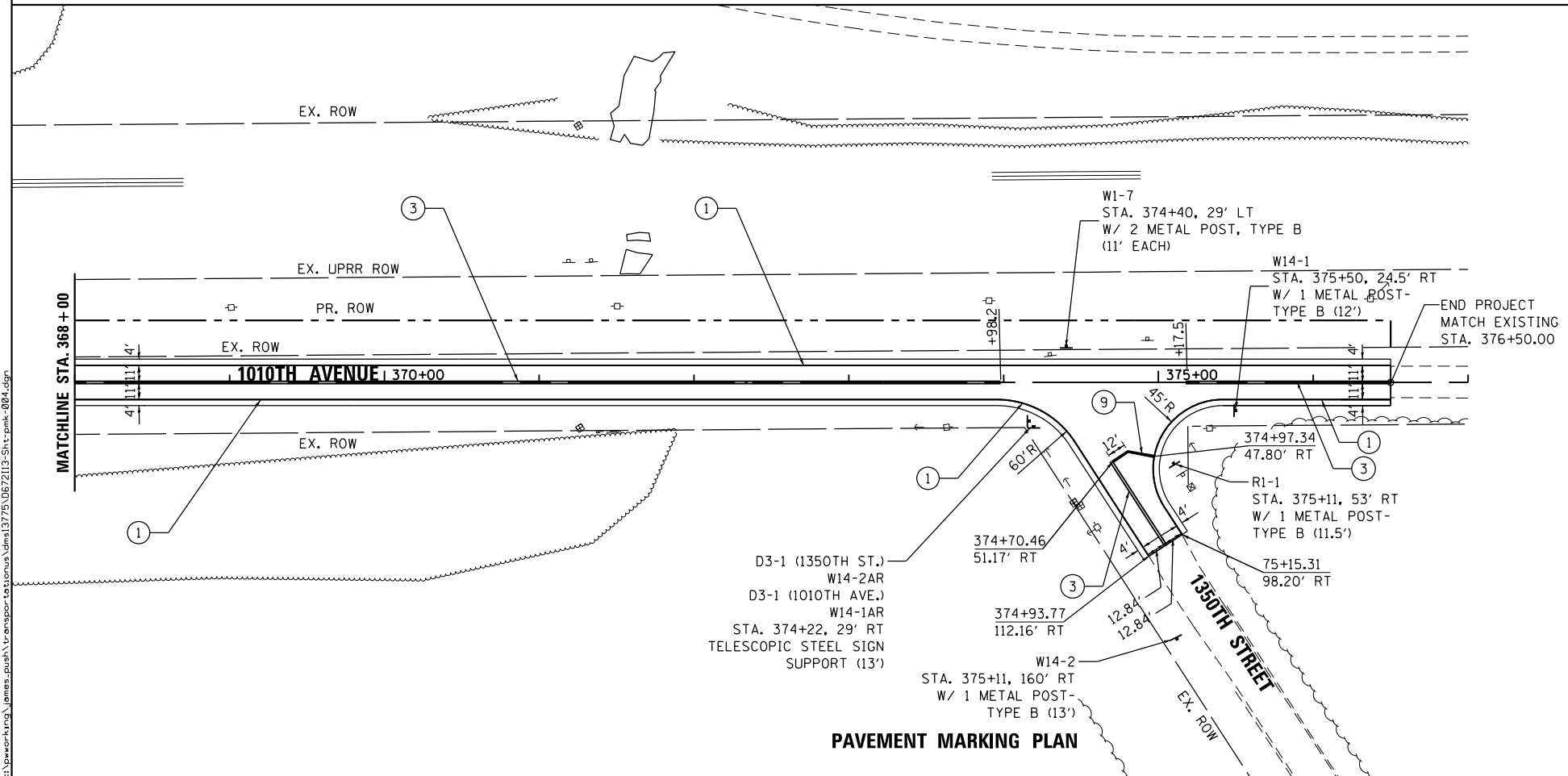
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1771A	D6 2015-7HSRR	LOGAN	127	44
CONTRACT NO.			72113	
ILLINOIS FED. AID PROJECT				



SIGNING AND PAVEMENT MARKING NOTES

1. STATION CALLOUTS FOR ALL 24" SOLID WHITE STOP BARS ARE TAKEN FROM THE CENTER OF THE STOP BAR.
2. ALL SIGNS TO BE ERECTED IN ACCORDANCE WITH IDOT STANDARD 720006. OFFSETS SHOWN ARE TO CENTER OF SIGN.

PAVEMENT MARKING PLAN



PAVEMENT MARKING PLAN

PAVEMENT MARKING LEGEND

- 1 MODIFIED URETHANE PAVEMENT MARKING - LINE 5" (SOLID WHITE)
- 2 MODIFIED URETHANE PAVEMENT MARKING - LINE 5" (SOLID YELLOW)
- 3 MODIFIED URETHANE PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW, 13" C-C)
- 4 MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (SOLID WHITE)
- 5 MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (2' DASH - 6' SKIP WHITE)
- 6 MODIFIED URETHANE PAVEMENT MARKING - LINE 8" (SOLID WHITE)
- 7 MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (SOLID WHITE)
- 8 MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (SOLID YELLOW, 20' C-C)
- 9 PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LINE 24" (SOLID WHITE)
- 10 PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID - LETTERS AND SYMBOLS (WHITE)

1000th St.
 1325th St.
 1010th Ave.
 1350th St.

D3-1 VARx9"

STOP
 R1-1 30"x30"

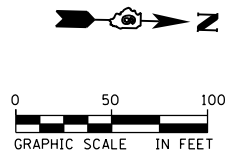
DEAD END →
 W14-1 30"x30"

NO OUTLET →
 W14-2 30"x30"

W1-7 48"x24"

W14-1AR 36"x8"

W14-2AR 36"x8"



USER NAME = james.push	DESIGNED - CJG	REVISED -
DRAWN - ATP	REVISED -	
CHECKED - JRP	REVISED -	
DATE - 12/11/2015	REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

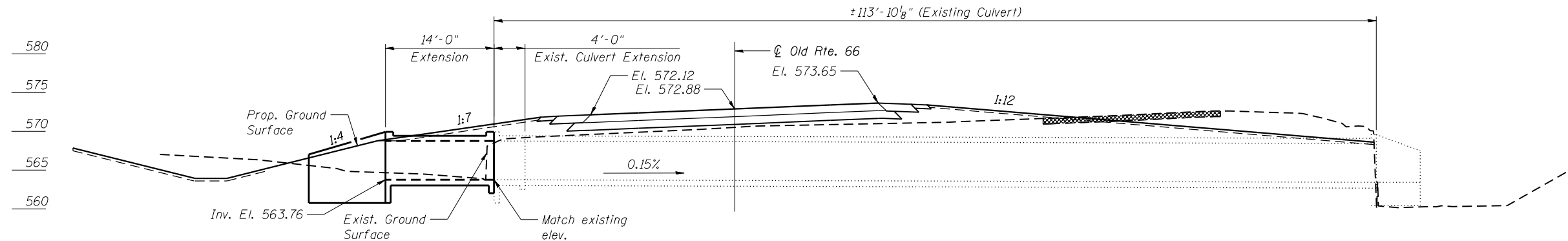
**SIGNING AND PAVEMENT MARKING PLAN
 1010TH AVENUE**

SCALE: 1"=50' SHEET 4 OF 4 SHEETS STA. 55+10.00 TO STA. 77+00.00

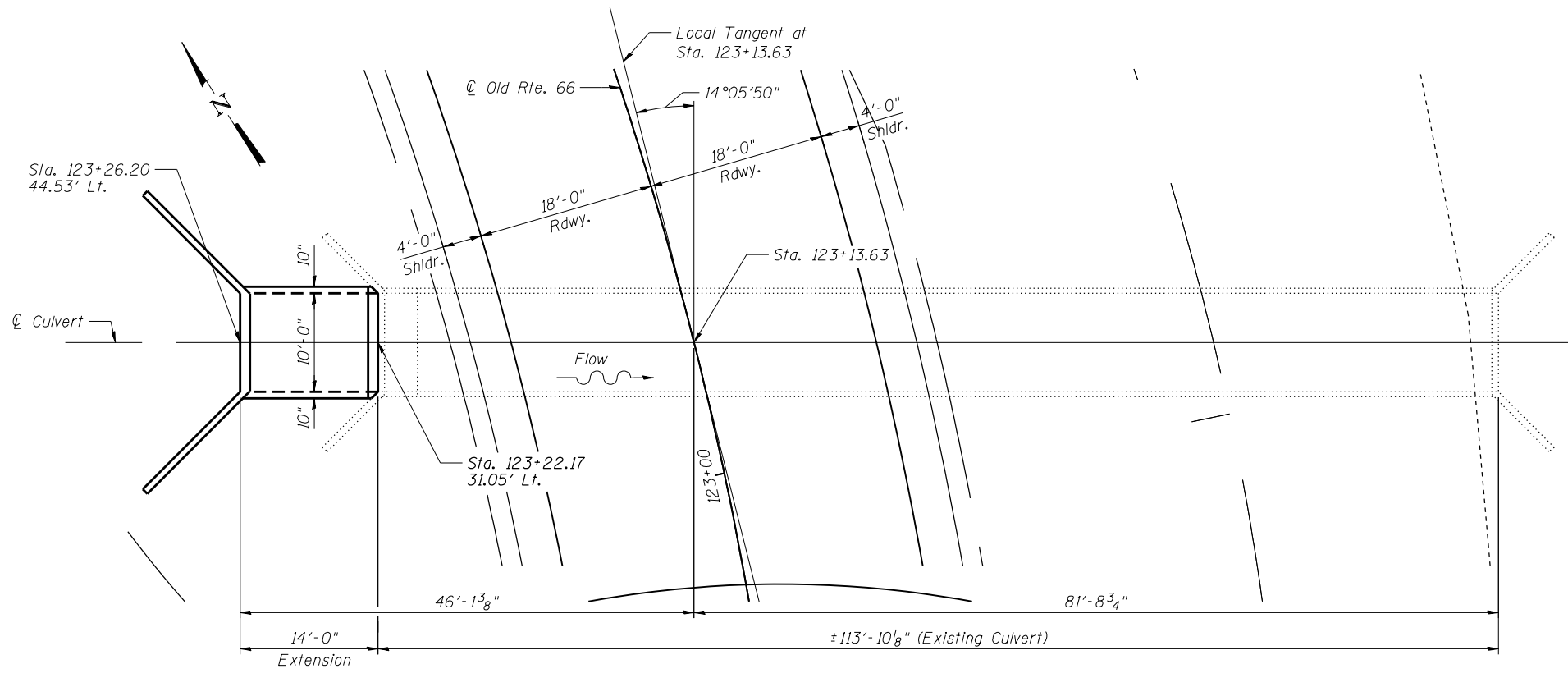
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1771A	D6 2015-7HSRR	LOGAN	127	45
CONTRACT NO. 72113			ILLINOIS FED. AID PROJECT	

TOTAL BILL OF MATERIAL

ITEM	UNIT	QTY.
Concrete Box Culverts	Cu. Yd.	22.5
Reinforcement Bars	Pound	4,080
Expansion Bolts, 3/4 Inch	Each	22



LONGITUDINAL SECTION
(Looking North)



PLAN

DESIGN SPECIFICATIONS
2012 AASHTO LRFD Bridge
Design Specifications, 7th Edition

DESIGN STRESSES
 $f'_c = 3,500 \text{ psi}$
 $f_y = 60,000 \text{ psi}$
LOADING HL-93

GENERAL PLAN AND ELEVATION
OLD RTE 66
OVER DRAINAGE DITCH
SECTION 15-HSRT3-00-RR
LOGAN COUNTY
STATION 123+13.63



NARENDRA P. PATEL
DATE 11/06/2015
LICENSED STRUCTURAL ENGINEER
STATE OF ILLINOIS 081-004780
EXPIRES 11/30/2016



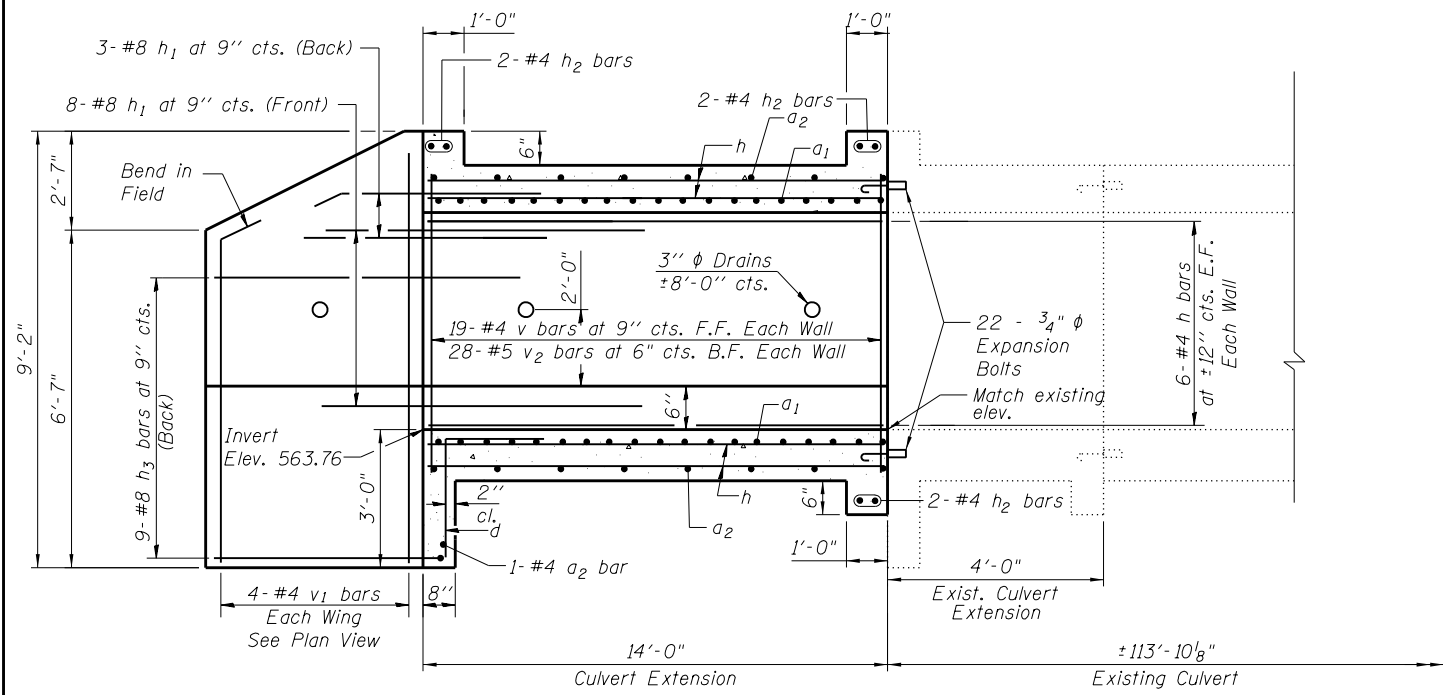
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

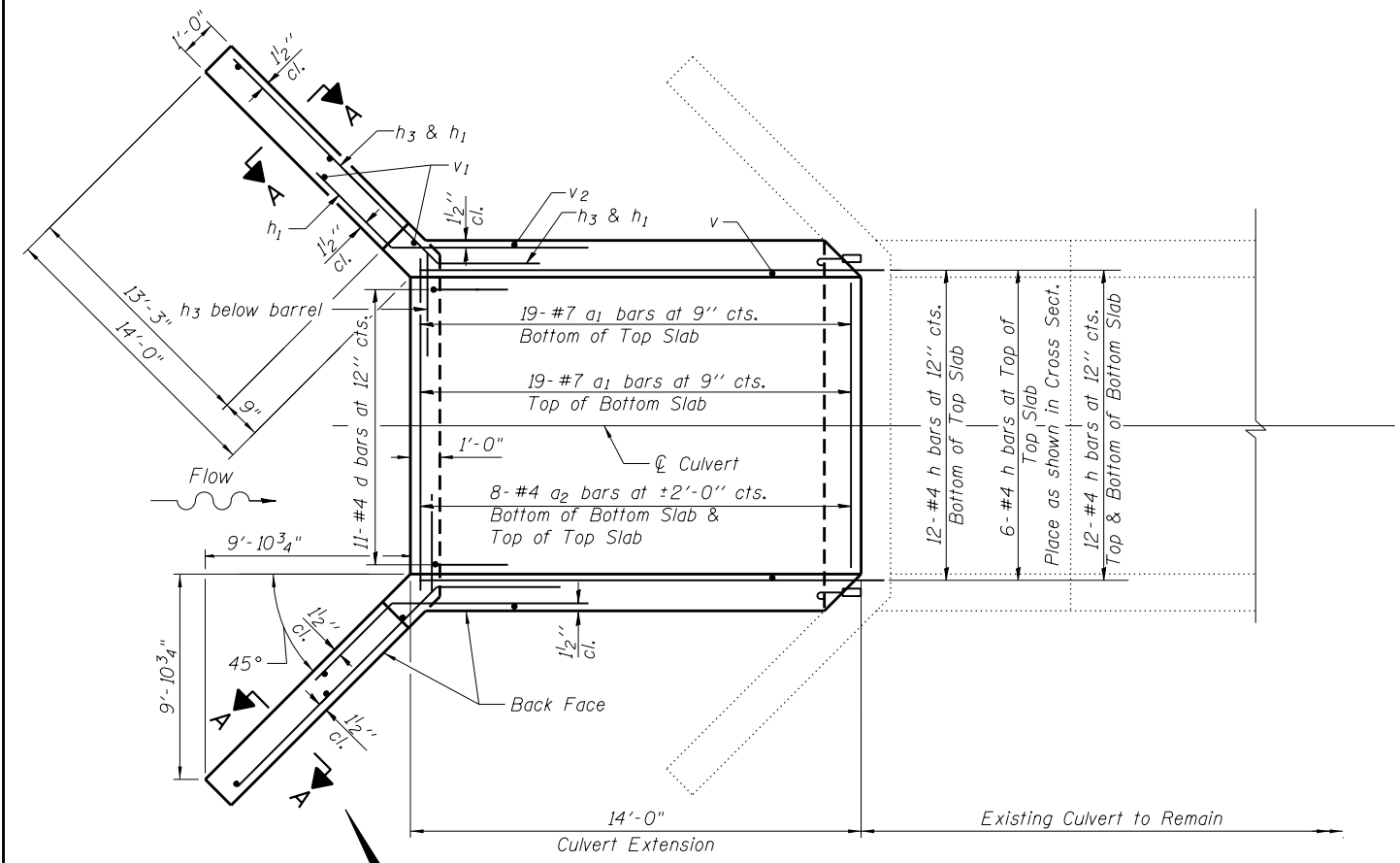
CULVERT EXTENSION PLAN STATION 123 + 13.63

SHEET NO. 1 OF 2 SHEETS

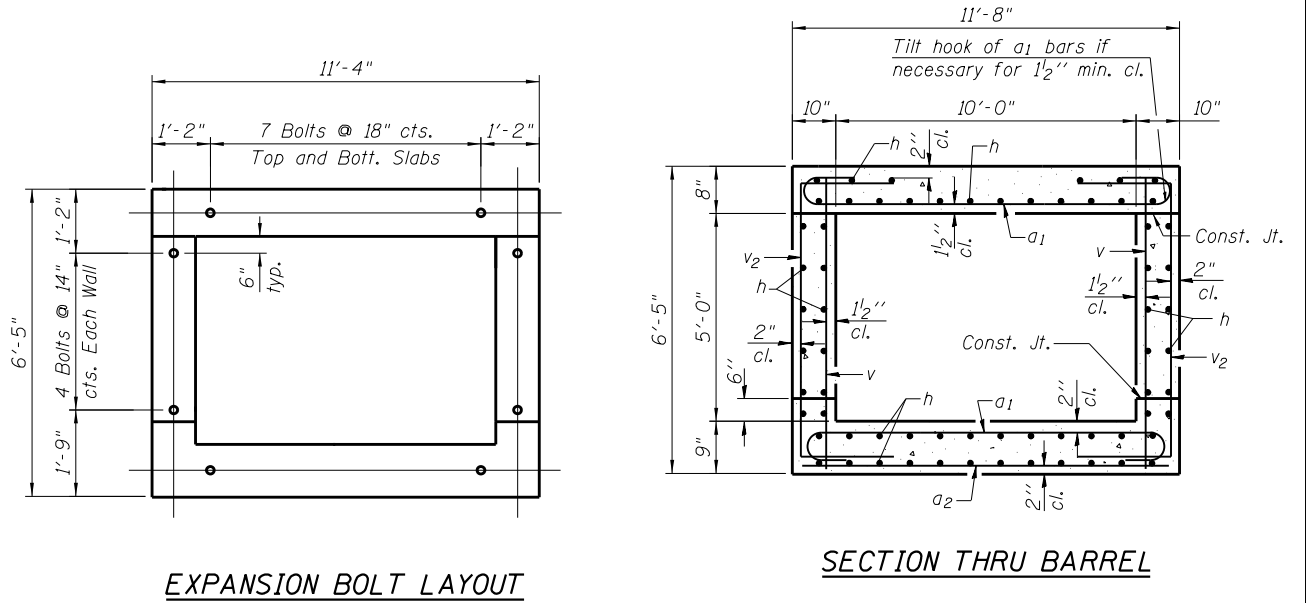
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CONTRACT NO. 72113			ILLINOIS FED. AID PROJECT	



LONG. SECTION

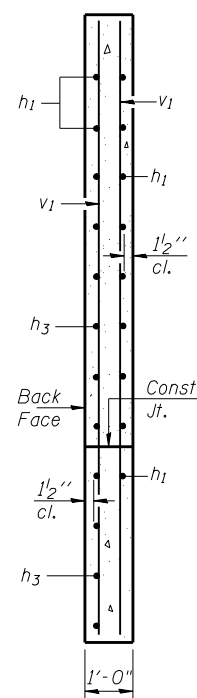


PLAN

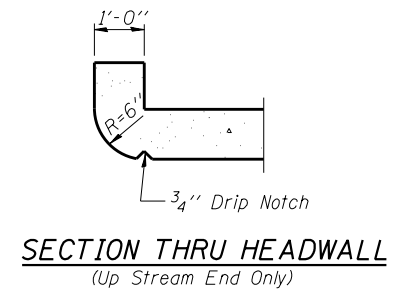


EXPANSION BOLT LAYOUT

SECTION THRU BARREL



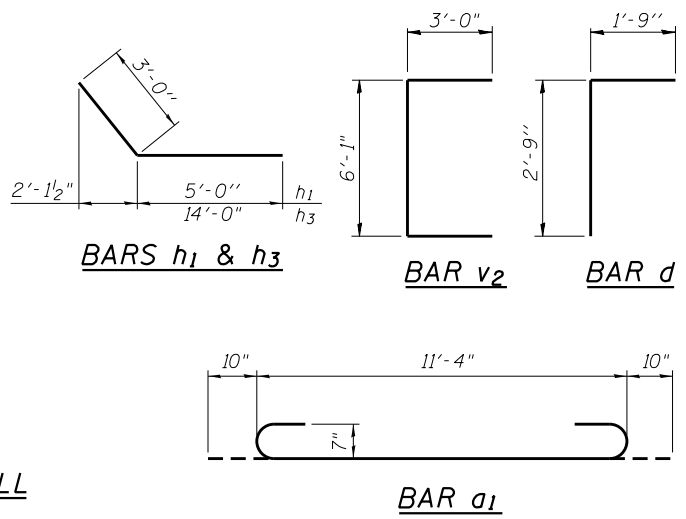
SECTION A-A



**SECTION THRU HEADWALL
(Up Stream End Only)**

NOTES

A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.
 Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.
 Expansion bolts shall consist of self drilling expansion shields and 3/4" hooked bolts. Hooked bolts shall have a minimum of 6" embedment in existing concrete and shall extend a minimum of 9" into new concrete.
 All construction joints shall be bonded.



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a1	38	#7	13'-0"	
a2	17	#4	11'-4"	
d	11	#4	4'-6"	
h	66	#4	13'-8"	
h1	22	#8	8'-0"	
h2	6	#6	11'-4"	
h3	18	#8	17'-0"	
v	38	#4	6'-1"	
v1	8	#4	8'-10"	
v2	56	#5	12'-1"	
Concrete Box Culverts		Cu. Yd.	22.5	
Reinforcement Bars		Pound	4,080	
Expansion Bolts		Each	22	
3/4 Inch				



USER NAME =	DESIGNED - KO	REVISED
PLOT SCALE =	CHECKED - MBO	REVISED
PLOT DATE =	DRAWN - KO	REVISED
	CHECKED - MBO	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CULVERT EXTENSION DETAILS STATION 123+13.63

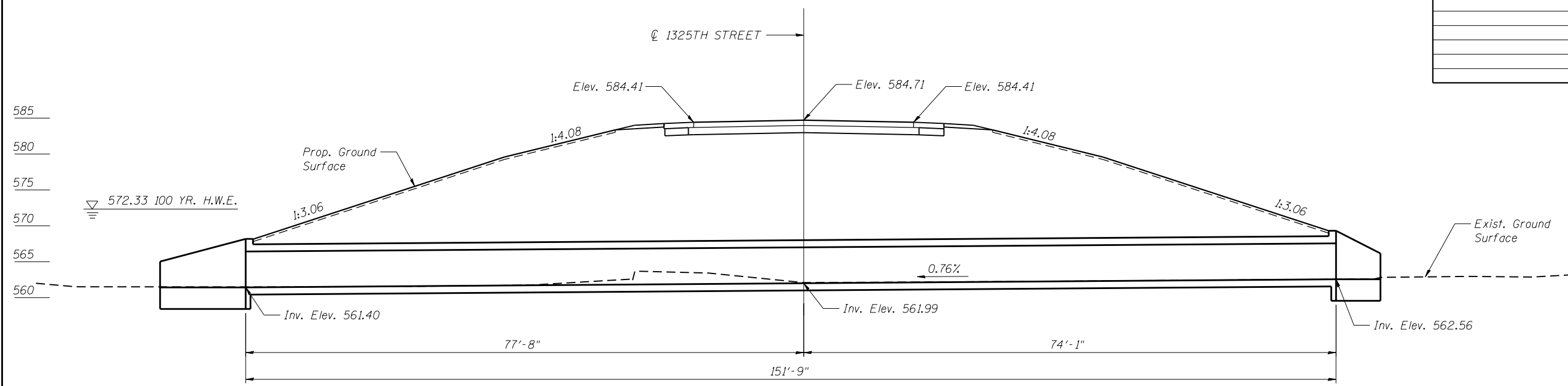
SHEET NO. 2 OF 2 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	47
CONTRACT NO. 72113				

ILLINOIS FED. AID PROJECT

TOTAL BILL OF MATERIAL

ITEM	UNIT	QTY.
Concrete Box Culverts	Cu. Yd.	228.5
Reinforcement Bars	Pound	43,400

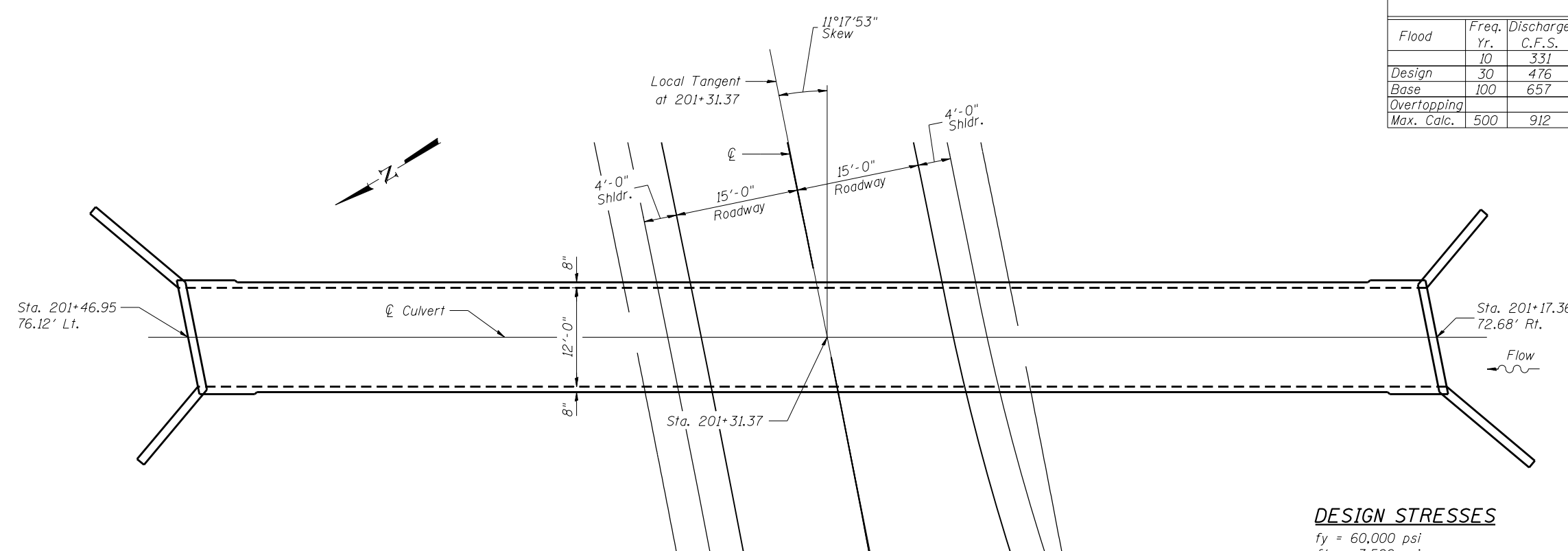


LONGITUDINAL SECTION
(Looking East)

WATERWAY INFORMATION

Drainage Area = 1.0 Sq. Mi. Exist. Low Grade Elev.=562.00 at Sta.201+31.40
 Prop. Low Grade Elev.=578.18 at Sta.205+27.03

Flood	Freq. Yr.	Discharge C.F.S.	Waterway Opening		Natural H.W.E.	Created Head		Headwater Elev.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Design	10	331	N/A	34	570.51	N/A	0.00	N/A	570.51
Base	30	476	N/A	44	571.71	N/A	0.00	N/A	571.71
Overtopping	100	657	N/A	60	572.33	N/A	0.00	N/A	572.33
Max. Calc.	500	912	N/A	60	572.85	N/A	1.33	N/A	574.18



PLAN

DESIGN SPECIFICATIONS
2012 AASHTO LRFD Bridge
Design Specifications, 7th Edition

DESIGN STRESSES
f_y = 60,000 psi
f'_c = 3,500 psi
LOADING HL-93

GENERAL PLAN AND ELEVATION
1325TH STREET
OVER DRAINAGE DITCH
SECTION 15-HSRT3-00-RR
LOGAN COUNTY
STATION 201+31.37



NARENDRA P. PATEL DATE 11/06/2015
 LICENSED STRUCTURAL ENGINEER
 STATE OF ILLINOIS 081-004780
 EXPIRES 11/30/2016



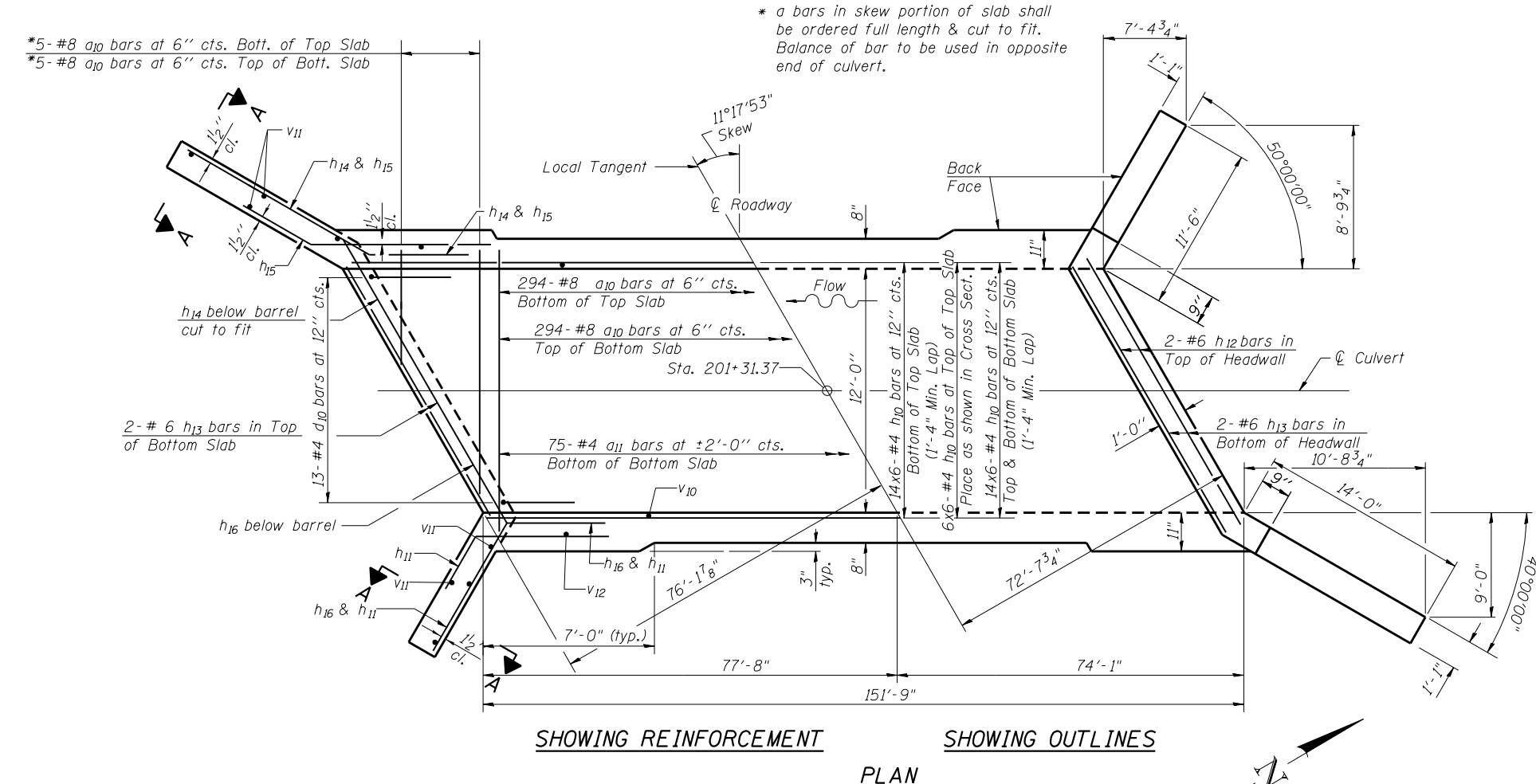
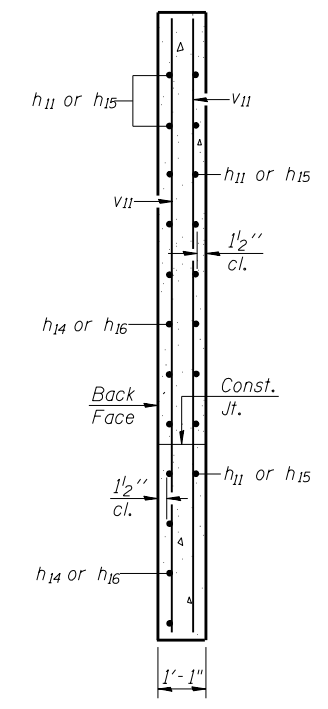
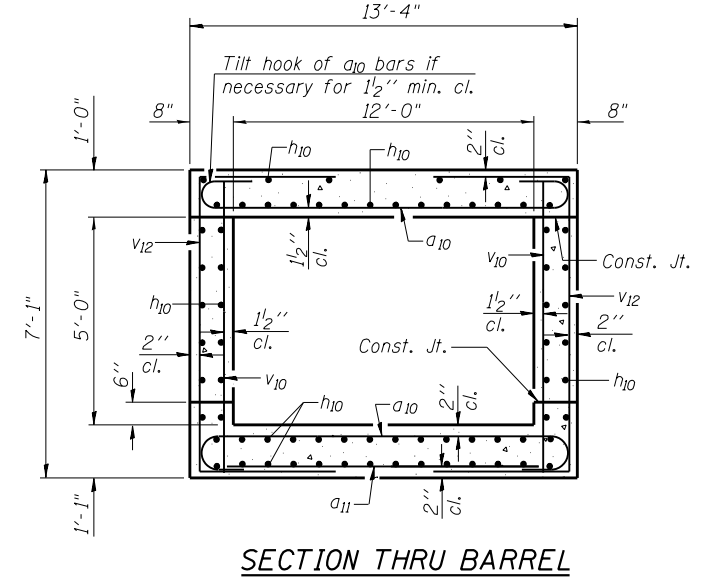
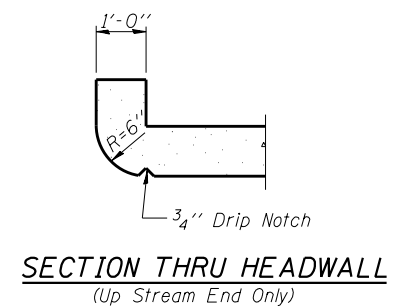
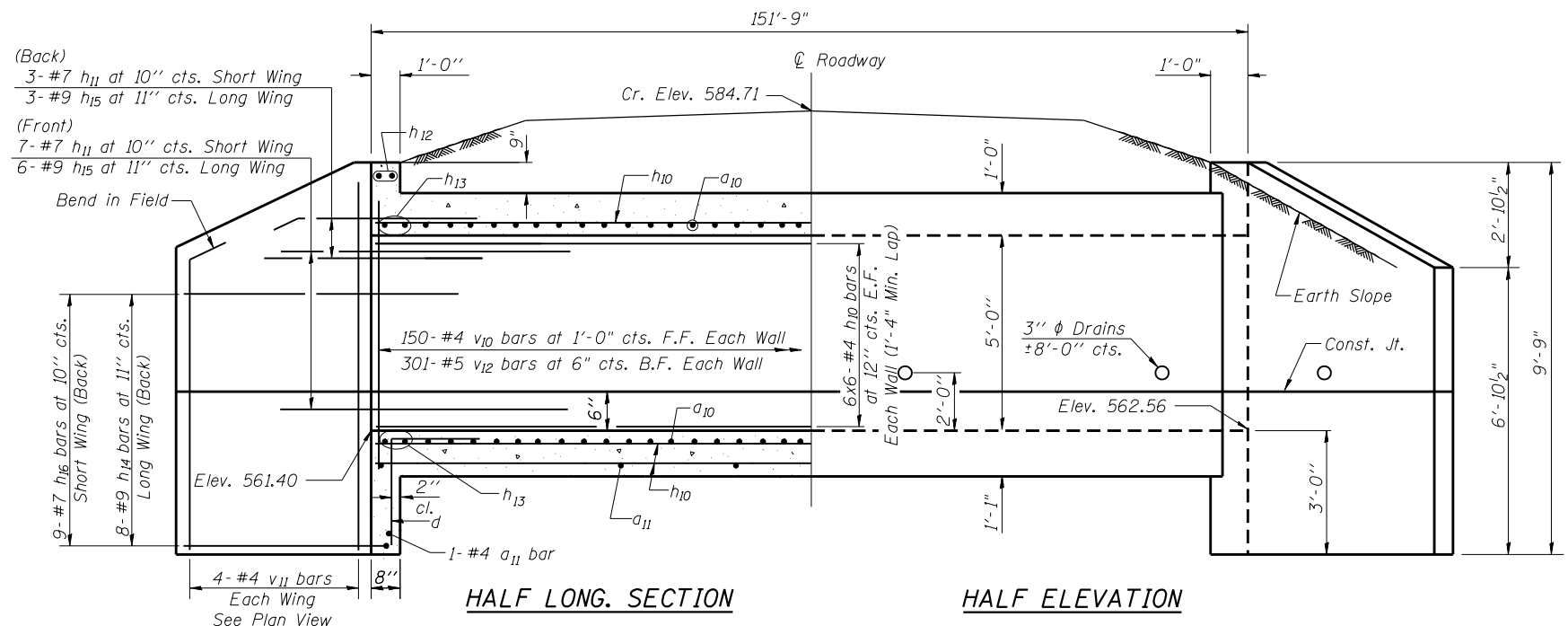
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PLOT DATE =	CHECKED - MBO	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

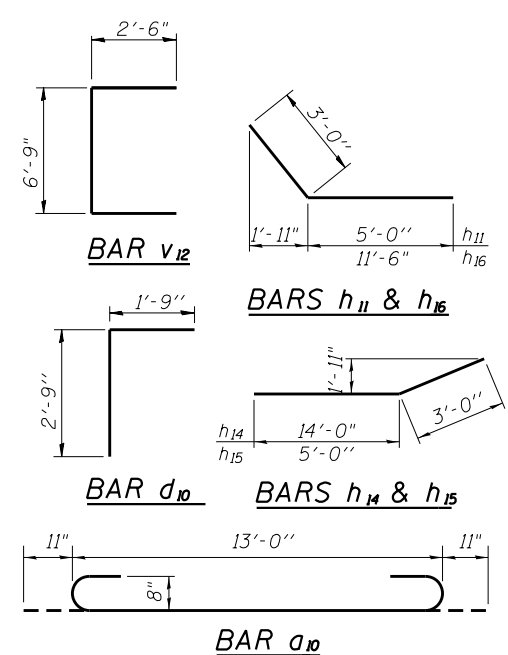
CULVERT PLAN STATION 201+31.37

SHEET NO. 1 OF 2 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	48
CONTRACT NO. 72113			ILLINOIS FED. AID PROJECT	



SECTION A-A



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a10	598	#8	14'-10"	U
a11	77	#4	13'-0"	—
d10	26	#4	4'-6"	U
h10	432	#4	26'-5"	—
h11	20	#7	8'-0"	—
h12	4	#6	12'-9"	—
h13	8	#6	13'-3"	—
h14	16	#9	17'-0"	—
h15	18	#9	8'-0"	—
h16	18	#7	14'-6"	—
v10	300	#4	6'-9"	—
v11	16	#4	9'-5"	—
v12	602	#7	11'-9"	—
Concrete Box Culverts			Cu. Yd.	228.5
Reinforcement Bars			Pound	43,400

NOTES

A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.
 Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.
 Bars indicated thus 12 x 4-#5 etc. indicates 12 lines of bars with 4 lengths per line.



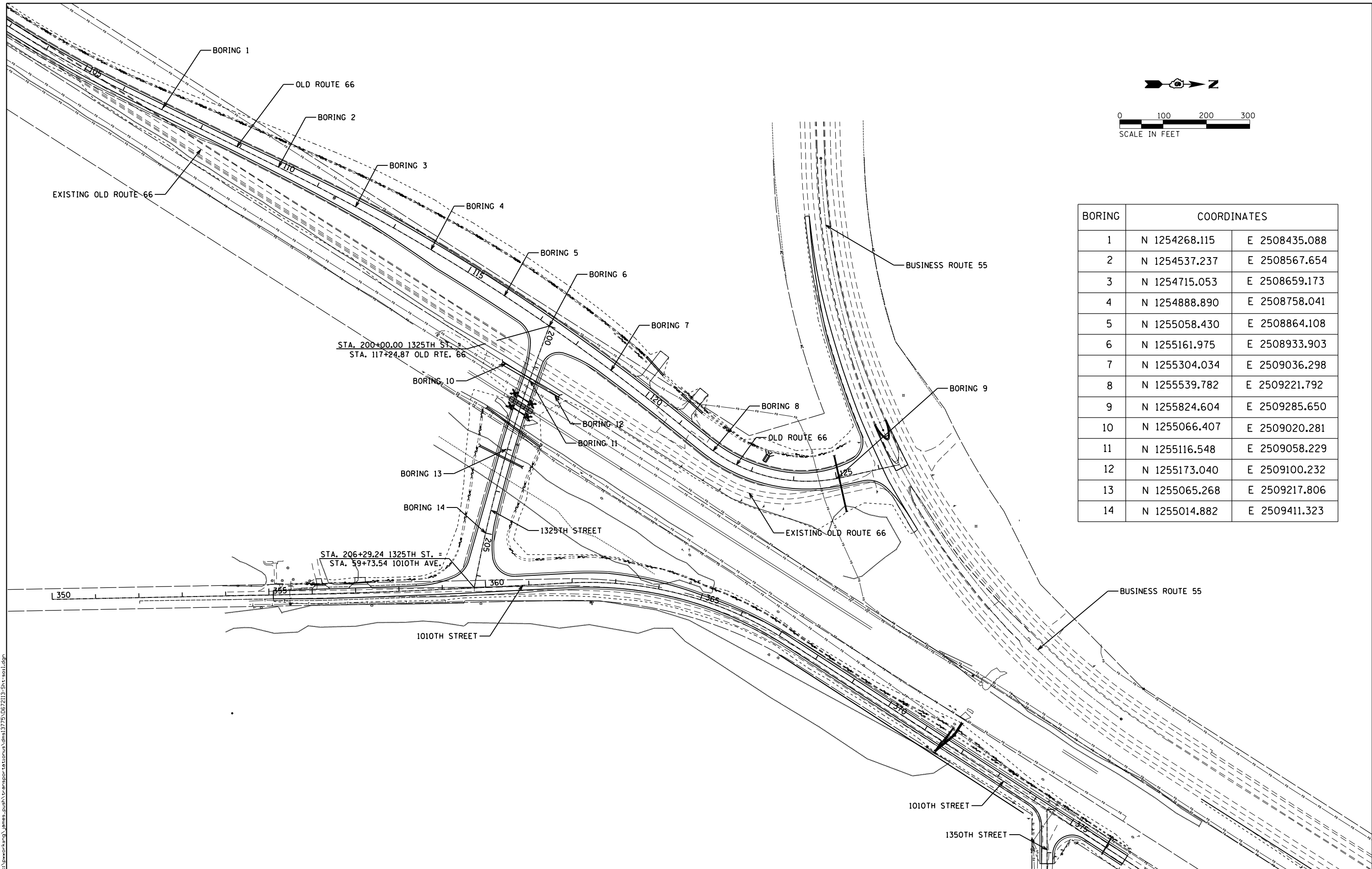
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	CHECKED - MBO	REVISED

STATE OF ILLINOIS
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CULVERT DETAILS STATION 201+31.37

SHEET NO. 2 OF 2 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	49
CONTRACT NO.			72113	
ILLINOIS FED. AID PROJECT				



BORING	COORDINATES	
	N	E
1	N 1254268.115	E 2508435.088
2	N 1254537.237	E 2508567.654
3	N 1254715.053	E 2508659.173
4	N 1254888.890	E 2508758.041
5	N 1255058.430	E 2508864.108
6	N 1255161.975	E 2508933.903
7	N 1255304.034	E 2509036.298
8	N 1255539.782	E 2509221.792
9	N 1255824.604	E 2509285.650
10	N 1255066.407	E 2509020.281
11	N 1255116.548	E 2509058.229
12	N 1255173.040	E 2509100.232
13	N 1255065.268	E 2509217.806
14	N 1255014.882	E 2509411.323

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PLOT DATE = 12/10/2015	DATE - 12/11/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SOIL BORING PLAN AND LOGS

SCALE: 1"=100' SHEET 1 OF 7 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	50
CONTRACT NO.			72113	
ILLINOIS FED. AID PROJECT				



Illinois Department of Transportation
Division of Highways
GSG Consultants

SOIL BORING LOG

Page 1 of 1

Date 5/8/14

ROUTE F.A.U. 6312 DESCRIPTION Chicago to St.Louis HSR, Lincoln Illinois LOGGED BY JH

SECTION LOCATION Pavement (Rt.66), SEC. 10, TWP. 19N, RNG. 3W, 3rd PM.

Latitude 40.1087278°, Longitude 089°24'33.11"

COUNTY Logan DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. NA
Station NA
BORING NO. B-1
Station
Offset
Ground Surface Elev. 575.30 ft

DEPTH	BULGE	UCS	MOIST
(ft)	(/6")	(tsf)	(%)

Surface Water Elev. NA ft
Stream Bed Elev. NA ft
Groundwater Elev.:
First Encounter NA ft
Upon Completion NA ft
After NA Hrs. NA ft

6 inches of topsoil	574.80			
Stiff to Very stiff				
Brown, Moist to Very Moist		3		
SILTY CLAY		5	3.0	23
		4	P	
		3		
		2	1.2	26
		3	B	
		3		
		3	2.3	23
		5	B	
		3		
		5	2.9	18
		6	B	
End of Boring	565.30 -10			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, form 137 (Rev. 8-99)



Illinois Department of Transportation
Division of Highways
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SOIL BORING LOG

Page 1 of 1

Date 5/8/14

ROUTE F.A.U. 6312 DESCRIPTION Chicago to St.Louis HSR, Lincoln Illinois LOGGED BY JH

SECTION LOCATION Pavement (Rt.66), SEC. 10, TWP. 19N, RNG. 3W, 3rd PM.

Latitude 40°06.54960', Longitude 089°24.52620'

COUNTY Logan DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. NA
Station NA
BORING NO. B-2
Station
Offset
Ground Surface Elev. 576.40 ft

DEPTH	BULGE	UCS	MOIST
(ft)	(/6")	(tsf)	(%)

Surface Water Elev. NA ft
Stream Bed Elev. NA ft
Groundwater Elev.:
First Encounter NA ft
Upon Completion NA ft
After NA Hrs. NA ft

3 inches of topsoil	576.15			
Very Stiff				
Brown, Very Moist		5		
SILTY CLAY		5	3.0	27
		6	P	
		3		
		2	1.2	26
		3	B	
		3		
		3	2.3	23
		5	B	
		3		
		5	2.9	18
		6	B	
End of Boring	566.40 -10			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, form 137 (Rev. 8-99)

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PLOT DATE = 12/10/2015	DATE - 12/11/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SOIL BORING PLAN AND LOGS
SCALE: N.T.S. SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	51
CONTRACT NO.			72113	
ILLINOIS FED. AID PROJECT				



Illinois Department of Transportation
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SOIL BORING LOG

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Date 5/8/14

ROUTE F.A.U. 6312 DESCRIPTION Chicago to St.Louis HSR, Lincoln Illinois LOGGED BY JH

SECTION LOCATION Pavement (Rt.66), SEC. 10, TWP. 19N, RNG. 3W, 3rd PM, Latitude 40°06.63540', Longitude 089°24.46200'

COUNTY Logan DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. NA
Station NA
BORING NO. B-5
Station
Offset
Ground Surface Elev. 572.90 ft

Surface Water Elev. NA ft
Stream Bed Elev. NA ft
Groundwater Elev.:
First Encounter NA ft
Upon Completion NA ft
After NA Hrs. NA ft

DEPTH (ft)	BULGE (in)	UCS (tsf)	MOISTURE (%)	DESCRIPTION
0				3 inches of topsoil / 572.65
7				Very stiff Dark Brown, Moist SILTY CLAY LOAM, trace organics
9	3.0	18		
9	P			
569.40				
6				Very Stiff Brown, Moist SILTY CLAY
6	2.9	21		
7	B			
-5				
4				
4	2.5	22		
6	B			
3				
4	2.0	19		
4	P			
562.90				End of Boring
-10				
-15				
-20				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, form 137 (Rev. 8-99)



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SOIL BORING LOG

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Date 5/8/14

ROUTE F.A.U. 6312 DESCRIPTION Chicago to St.Louis HSR, Lincoln Illinois LOGGED BY JH

SECTION LOCATION Pavement (Rt.66), SEC. 10, TWP. 19N, RNG. 3W, 3rd PM, Latitude 40°06.65220', Longitude 089°24.44760'

COUNTY Logan DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. NA
Station NA
BORING NO. B-6
Station
Offset
Ground Surface Elev. 571.50 ft

Surface Water Elev. NA ft
Stream Bed Elev. NA ft
Groundwater Elev.:
First Encounter NA ft
Upon Completion NA ft
After NA Hrs. NA ft

DEPTH (ft)	BULGE (in)	UCS (tsf)	MOISTURE (%)	DESCRIPTION
0				3 inches of topsoil / 571.25
4				Very Stiff Dark brown, moist SILTY CLAY LOAM, trace organics
4	3.3	18		
6	P			
8				
568.00				
6				Medium Dense Brown, Moist SAND
8		12		
6				
-5				
565.50				
4				Very Stiff Brown, Moist SILTY CLAY LOAM
3	2.0	23		
3	P			
3				
7	3.5	12		
11	P			
561.50				End of Boring
-10				
-15				
-20				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, form 137 (Rev. 8-99)

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PLOT DATE = 12/10/2015	DATE - 12/11/2015	REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING PLAN AND LOGS
SCALE: N.T.S. SHEET 3 OF 7 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	53
CONTRACT NO.			72113	
ILLINOIS FED. AID PROJECT				



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Division of Highways
GSG Consultants

SOIL BORING LOG

Page 1 of 1

Date 5/8/14

ROUTE F.A.U. 6312 DESCRIPTION Chicago to St.Louis HSR, Lincoln Illinois LOGGED BY JH

SECTION LOCATION Pavement (Rt.66), SEC. 10, TWP. 19N, RNG. 3W, 3rd PM, Latitude 40°06.67560', Longitude 089°24.42420'

COUNTY Logan DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. NA
Station NA
BORING NO. B-7
Station
Offset
Ground Surface Elev. 570.90 ft

Surface Water Elev. NA ft
Stream Bed Elev. NA ft
Groundwater Elev.:
First Encounter NA ft
Upon Completion NA ft
After NA Hrs. NA ft

DEPTH (ft)	BLOW S (ft/6")	UCS (tsf)	MOIST (%)	DESCRIPTION
0				3 inches of topsoil / 570.65
4	4	2.0	22	Very Stiff Brown, Moist SILTY CLAY LOAM, trace organics
5	5	P		
567.40				
3	3	2.3	24	Very Stiff Brown, Moist SILTY CLAY
4	4	B		
564.90				
2	2	1.3	31	Stiff Brown, Moist SANDY CLAY
2	2	P		
560.90				
2	2	1.3	22	
2	2	P		
560.90				End of Boring
-10				
-15				
-20				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, form 137 (Rev. 8-99)



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SOIL BORING LOG

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Date 5/8/14

ROUTE F.A.U. 6312 DESCRIPTION Chicago to St.Louis HSR, Lincoln Illinois LOGGED BY JH

SECTION LOCATION Pavement (Rt.66), SEC. 10, TWP. 19N, RNG. 3W, 3rd PM, Latitude 40°06.75960', Longitude 089°24.36840'

COUNTY Logan DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. NA
Station NA
BORING NO. B-9
Station
Offset
Ground Surface Elev. 574.80 ft

Surface Water Elev. NA ft
Stream Bed Elev. NA ft
Groundwater Elev.:
First Encounter NA ft
Upon Completion NA ft
After NA Hrs. NA ft

DEPTH (ft)	BLOW S (ft/6")	UCS (tsf)	MOIST (%)	DESCRIPTION
0				6 inches of topsoil / 574.30
5	5	3.5	17	Brown, Moist FILL: SILTY CLAY
6	6	P		
567.40				
5	5	5.0	15	
9	9	P		
564.90				
6	6			
8	8	5.0	17	
7	7	P		
566.30				
4	4			Brown, Moist FILL: SANDY CLAY
5	5	3.0	16	
7	7	P		
564.80				End of Boring
-10				
-15				
-20				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, form 137 (Rev. 8-99)

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PLOT DATE = 12/10/2015	DATE - 12/11/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: N.T.S. SHEET 4 OF 7 SHEETS STA. TO STA.

SOIL BORING PLAN AND LOGS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	54
CONTRACT NO.			72113	
ILLINOIS FED. AID PROJECT				



Illinois Department of Transportation
Division of Highways
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SOIL BORING LOG

Page 1 of 2

Date 5/9/14

ROUTE F.A.U. 6312 DESCRIPTION Chicago to St.Louis HSR, Lincoln Illinois LOGGED BY JH

SECTION LOCATION Culvert Boring, SEC. 10, TWP. 19N, RNG. 3W, 3rd PM,
Latitude 40.1109167°, Longitude 089.4069361°

COUNTY Logan DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO.	Station	BORING NO.	Station	Offset	Ground Surface Elev.	D E P T H (ft)	B L O W S (/6")	U C S Qu (tsf)	M O I S T (%)	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After NA Hrs.	D E P T H (ft)	B L O W S (/6")	U C S Qu (tsf)	M O I S T (%)
	NA	B-10			572.80					NA	NA		NA	NA	NA				
8 inches of topsoil																			
Brown, Moist FILL: SILTY CLAY																			
572.14																			
2																			
3 2.5 19																			
5 P																			
3																			
3 2.0 20																			
5 P																			
566.80																			
2																			
2 1.5 26																			
3 P																			
564.30																			
2																			
2 1.5 22																			
3 P																			
-10																			
2																			
2 1.2 22																			
2 B																			
539.80																			
2																			
5 1.7 15																			
4 B																			
-15																			
556.80																			
3																			
8 3.3 12																			
12 B																			
554.30																			
4																			
15																			
10																			
-20																			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, form 137 (Rev. 8-99)



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SOIL BORING LOG

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Date 5/9/14

ROUTE F.A.U. 6312 DESCRIPTION Chicago to St.Louis HSR, Lincoln Illinois LOGGED BY JH

SECTION LOCATION Culvert Boring, SEC. 10, TWP. 19N, RNG. 3W, 3rd PM,
Latitude 40.1109167°, Longitude 089.4069361°

COUNTY Logan DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO.	Station	BORING NO.	Station	Offset	Ground Surface Elev.	D E P T H (ft)	B L O W S (/6")	U C S Qu (tsf)	M O I S T (%)	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After NA Hrs.	D E P T H (ft)	B L O W S (/6")	U C S Qu (tsf)	M O I S T (%)
	NA	B-10			572.80					NA	NA		NA	NA	NA				
Very Hard Gary, Moist SILT, with shale (continued)																			
572.80																			
5																			
12 2.5 18																			
13 P																			
13																			
24 2.1 21																			
26 S																			
50/4"																			
11																			
End of Boring																			
527.80																			
-45																			
-50																			
-55																			
-60																			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, form 137 (Rev. 8-99)

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SOIL BORING LOG

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Date 5/8/14

ROUTE F.A.U. 6312 DESCRIPTION Chicago to St.Louis HSR, Lincoln Illinois LOGGED BY JH
SECTION _____ LOCATION Culvert Boring, SEC. 10, TWP. 19N, RNG. 3W, 3rd PM.
Latitude 40.1110028°, Longitude 089.4068778°
COUNTY Logan DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO.	Station	BLOW COUNT	UCS	MOISTURE	DEPTH (ft)	SOIL DESCRIPTION	DEPTH (ft)	BLOW COUNT	UCS	MOISTURE
NA	NA					Surface Water Elev. NA ft				
						Stream Bed Elev. NA ft				
B-11						Groundwater Elev.:				
						First Encounter 548.8 ft				
						Upon Completion 548.3 ft				
						After NA Hrs. NA ft				
	572.30									
	571.64									
		2				Very Stiff to Hard		5		
		4	3.0	15		Gray, Moist		8		20
		4	P			SILT		9		
	568.80									
		2						10		
		3	2.0	26				17		19
		3	P					12		
	546.30									
		1				Very Stiff		8		
		2	1.0	36		Gray/brown, Moist		12	2.7	21
		2	P			CLAY LOAM		22	B	
		2						7		
		2	1.2	36				13	2.7	18
		2	B					22	B	
	561.30									
		2								
		2	2.1	19						
		4	B							
		2				End of Boring		108		
		2	1.7	19						13
		3	B							
	556.30									
		5								
		14	3.5	11						
		18	P							
	553.80									
		10								
		16		22						
		20								

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
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SOIL BORING LOG

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Date 5/8/14

ROUTE F.A.U. 6312 DESCRIPTION Chicago to St.Louis HSR, Lincoln Illinois LOGGED BY JH
SECTION _____ LOCATION Culvert Boring, SEC. 10, TWP. 19N, RNG. 3W, 3rd PM.
Latitude 40.1110917°, Longitude 089.4068028°
COUNTY Logan DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO.	Station	BLOW COUNT	UCS	MOISTURE	DEPTH (ft)	SOIL DESCRIPTION	DEPTH (ft)	BLOW COUNT	UCS	MOISTURE
NA	NA					Surface Water Elev. NA ft				
						Stream Bed Elev. NA ft				
B-12						Groundwater Elev.:				
						First Encounter 558.8 ft				
						Upon Completion 551.3 ft				
						After NA Hrs. NA ft				
	572.30									
	571.64									
		5				Medium Dense				
		6	5.0	18		Gray, Wet				
		7	P			SAND (continued)				3
										7
										12
	568.80									
		4				Very Stiff		4		
		5	2.3	19		Gray, Very Moist		10	2.9	23
		5	P			SILT		12	B	
	546.30									
		2				Dense		12		
		2	1.0	32		Gray, Moist		18		13
		2	P			SAND		12		
		1						15		
		2	1.5	33				24		9
		3	P					12		
	561.30									
		2								
		3		17						
		4								
	558.80									
		2				End of Boring				
		3	1.2	21						
		5	B							
		1								
		5	1.0	20						
		6	P							
	553.80									
		8								
		12		18						
		4								

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, form 137 (Rev. 8-99)

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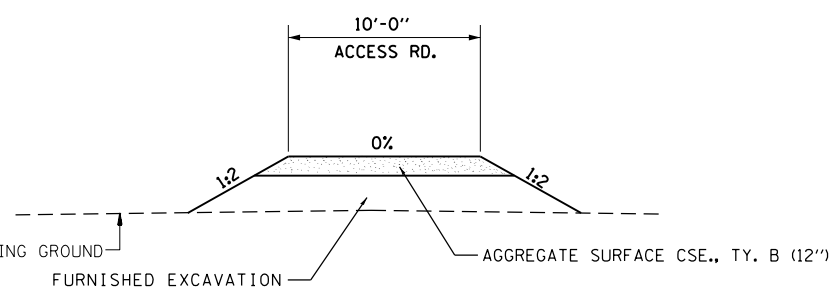
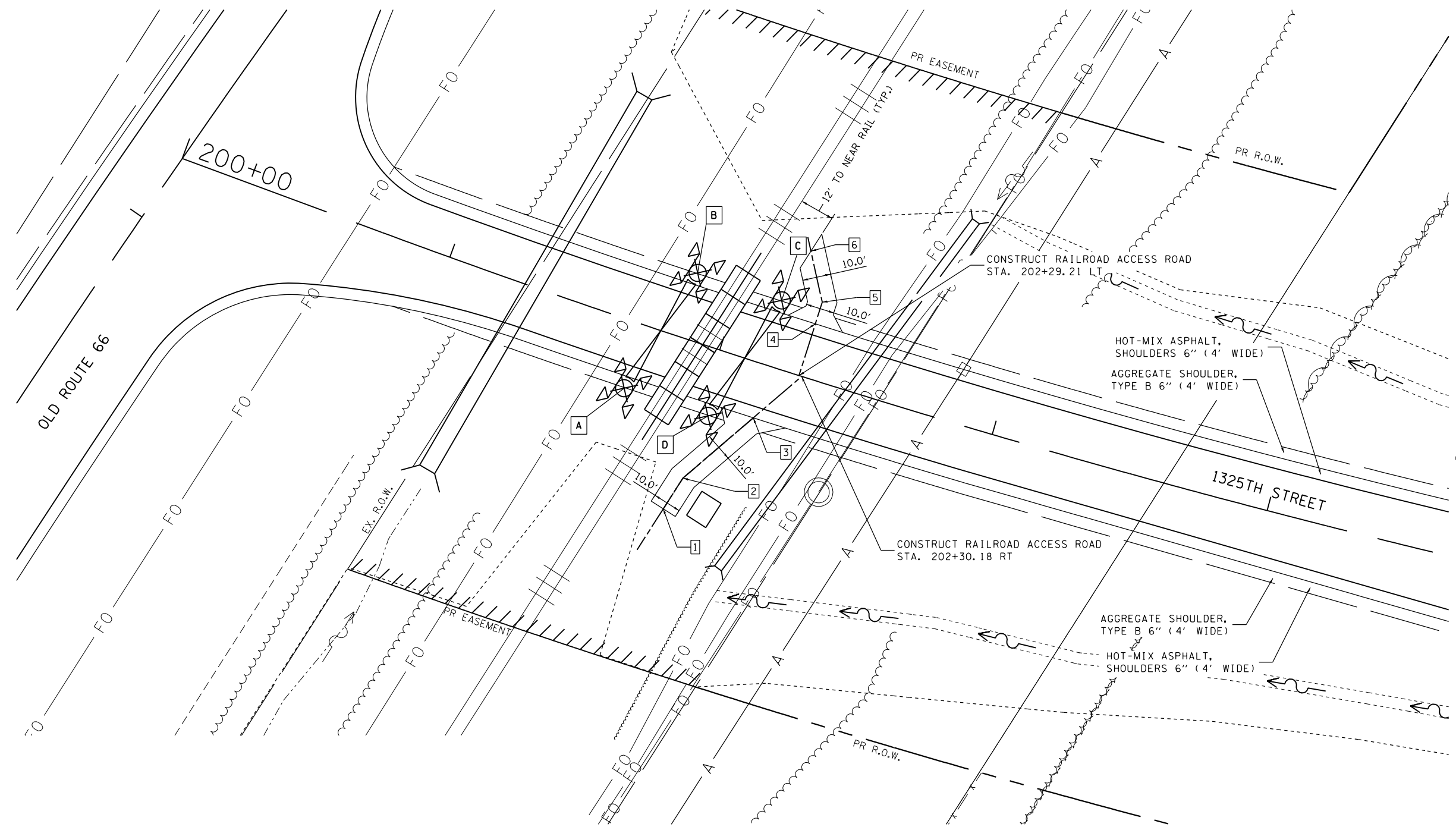
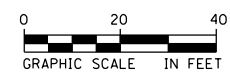


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DRAWN - ATP	REVISED -	
CHECKED - JRP	REVISED -	
DATE - 12/11/2015	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING PLAN AND LOGS
SCALE: N.T.S. SHEET 6 OF 7 SHEETS STA. TO STA.

F.A.S. RTE. 1771A	SECTION D6 2015-7HSRR	COUNTY LOGAN	TOTAL SHEETS 127	SHEET NO. 56
CONTRACT NO. 72113			ILLINOIS FED. AID PROJECT	



ACCESS ROAD TYPICAL SECTION
N.T.S

DETAIL OF ACCESS ROAD
(LT. STA. 202+29.21 - 1325TH STREET)
(RT. STA. 202+30.18 - 1325TH STREET)

- 1 201+98.50, 59.05' RT (N=1255039.21, E=2509102.53)
- 2 202+01.69, 46.68' RT (N=1255049.98, E=2509109.40)
- 3 202+18.57, 19.00' RT (N=1255071.10, E=2509134.06)
- 4 202+29.52, 19.00' LT (N=1255104.04, E=2509155.82)
- 5 202+28.94, 26.98' LT (N=1255111.65, E=2509158.22)
- 6 202+19.63, 42.83' LT (N=1255129.54, E=2509154.28)

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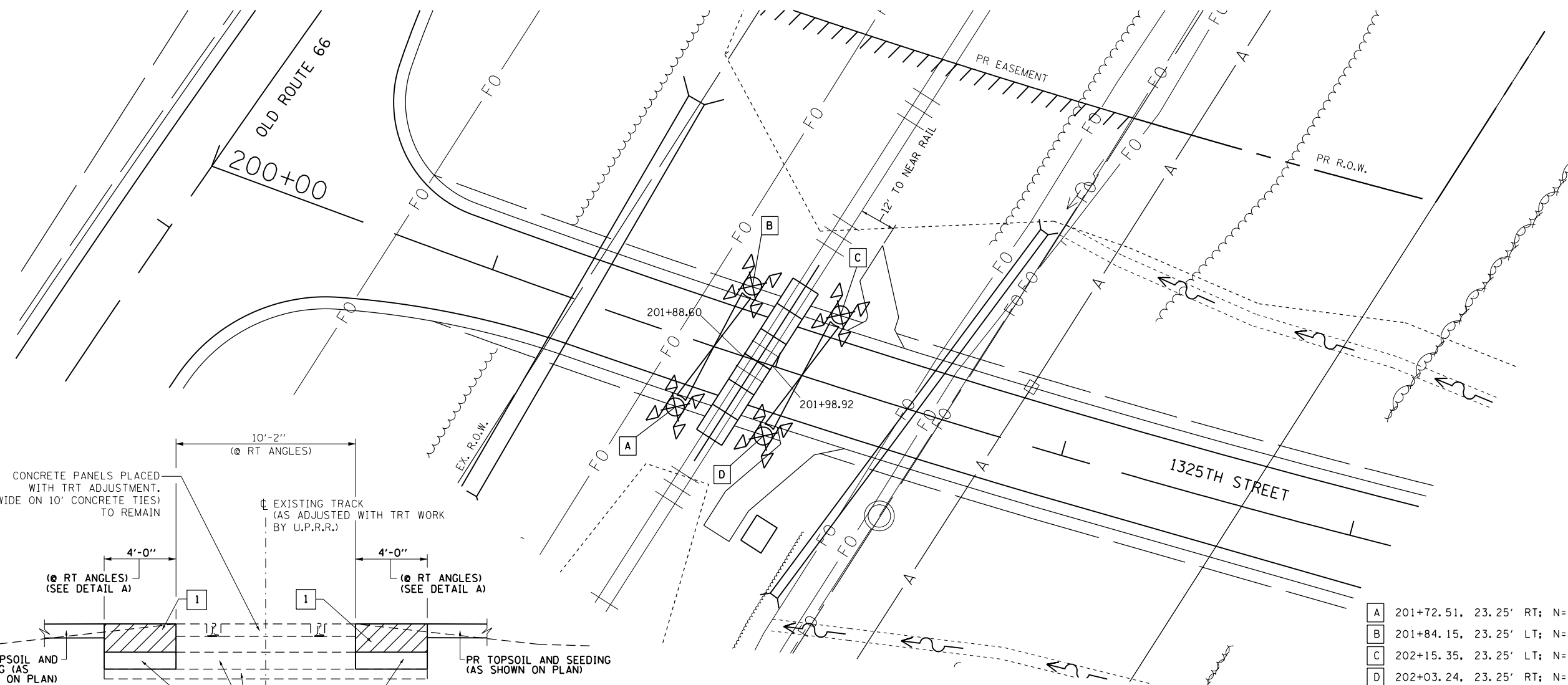
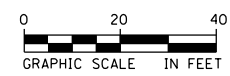
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAILS
RAILROAD CROSSING DETAIL - 1325TH STREET**

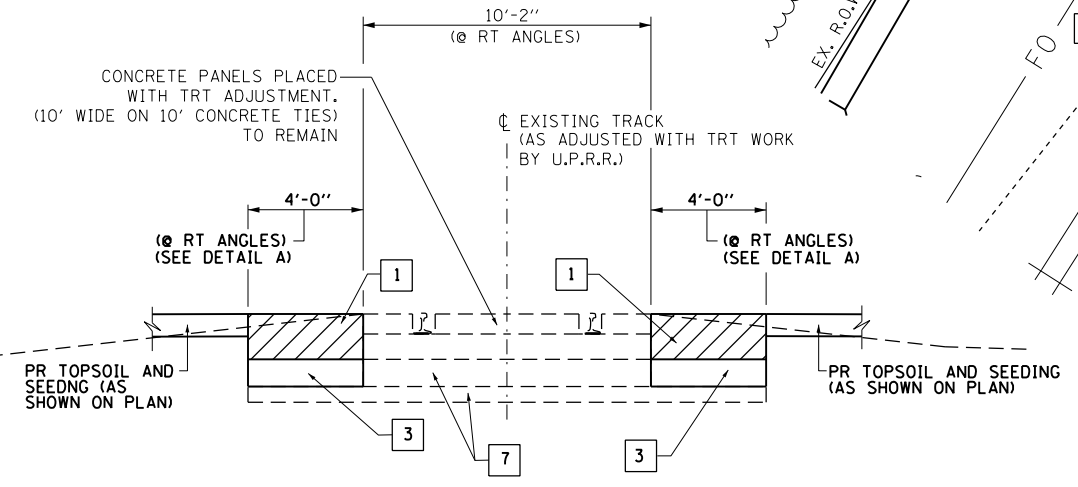
SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	58
CONTRACT NO. 72113			ILLINOIS FED. AID PROJECT	

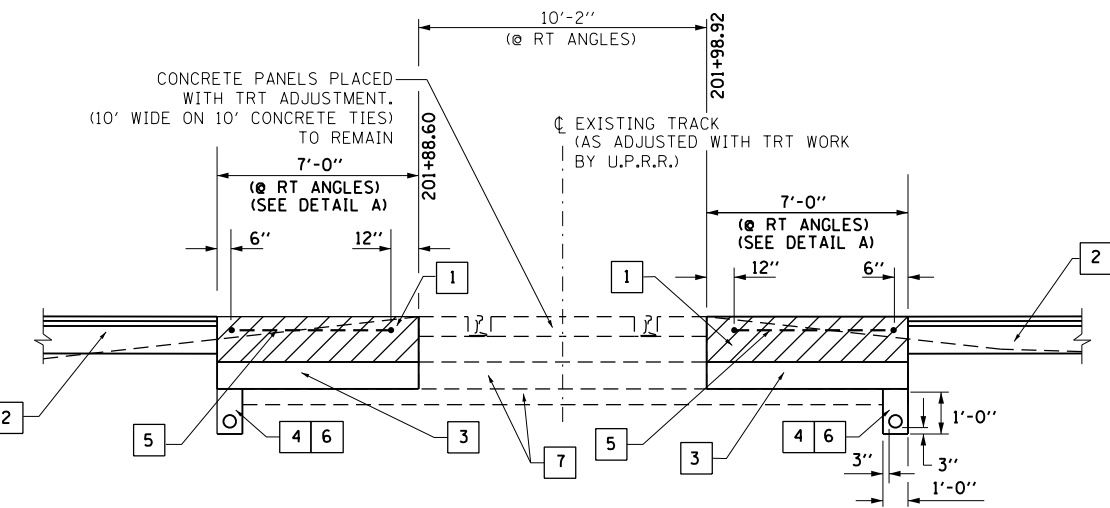


A	201+72.51, 23.25' RT; N=1255081.49, E=2509088.79
B	201+84.15, 23.25' LT; N=1255121.90, E=2509114.57
C	202+15.35, 23.25' LT; N=1255112.27, E=2509144.01
D	202+03.24, 23.25' RT; N=1255071.76, E=2509118.17

GRADE CROSSING DETAIL

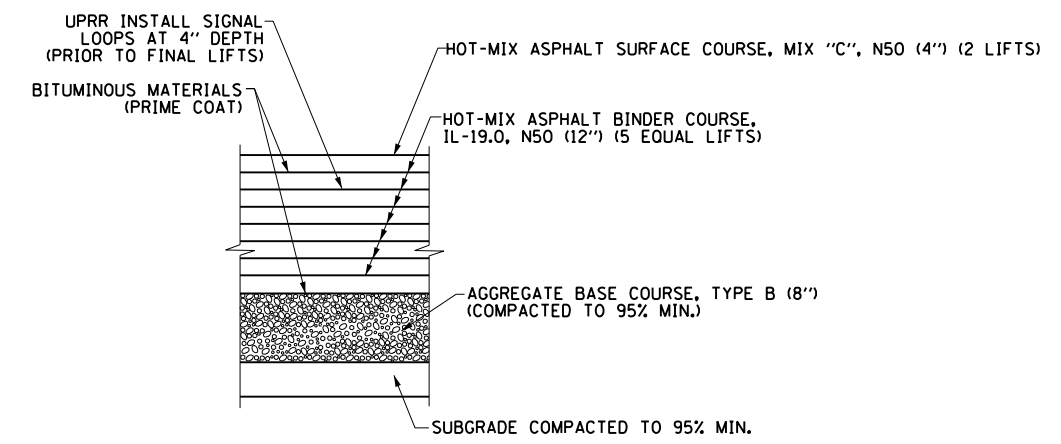


SHOULDER AT RAIL CROSSING DETAIL



PAVEMENT AT RAIL CROSSING DETAIL

- 1 CONTRACTOR TO REMOVE PAVEMENT TO 16" BELOW PROPOSED ROADWAY PGL. PLACE 12 HMA BINDER COURSE CAP IN 2" LIFTS TO MEET PROPOSED GRADE. LAST LIFTS USING HMA SURFACE COURSE.
- 2 SEE PAVEMENT SECTION SHOWN ON ROADWAY TYPICAL SECTION SHEET.
- 3 AGGREGATE BASE COURSE, TYPE B. (8") SLOPE TOWARD DRAIN.
- 4 POROUS GRANULAR BACKFILL WITH PIPE UNDERDRAIN 6". COST INCLUDED IN AGGREGATE BASE COURSE, TYPE B.
- 5 CONTRACTOR TO COORDINATE WITH UPRR SIGNAL REGARDING PLACEMENT OF DETECTOR LOOPS.
- 6 CONTRACTOR TO FURNISH AND INSTALL GEOTECHNICAL FABRIC AND UNDERDRAIN. COST INCLUDED IN AGGREGATE BASE COURSE, TYPE B.
- 7 BALLAST AND SUBBALLAST (TO REMAIN).



DETAIL A
TYPICAL PAVEMENT STRUCTURE AT RAIL CROSSING

FILE NAME: c:\nework\king_james_push\transport\stunus\dms13775\0627113_Sht_details-RFC-osarag\detail_02.dgn



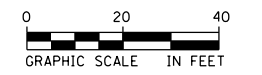
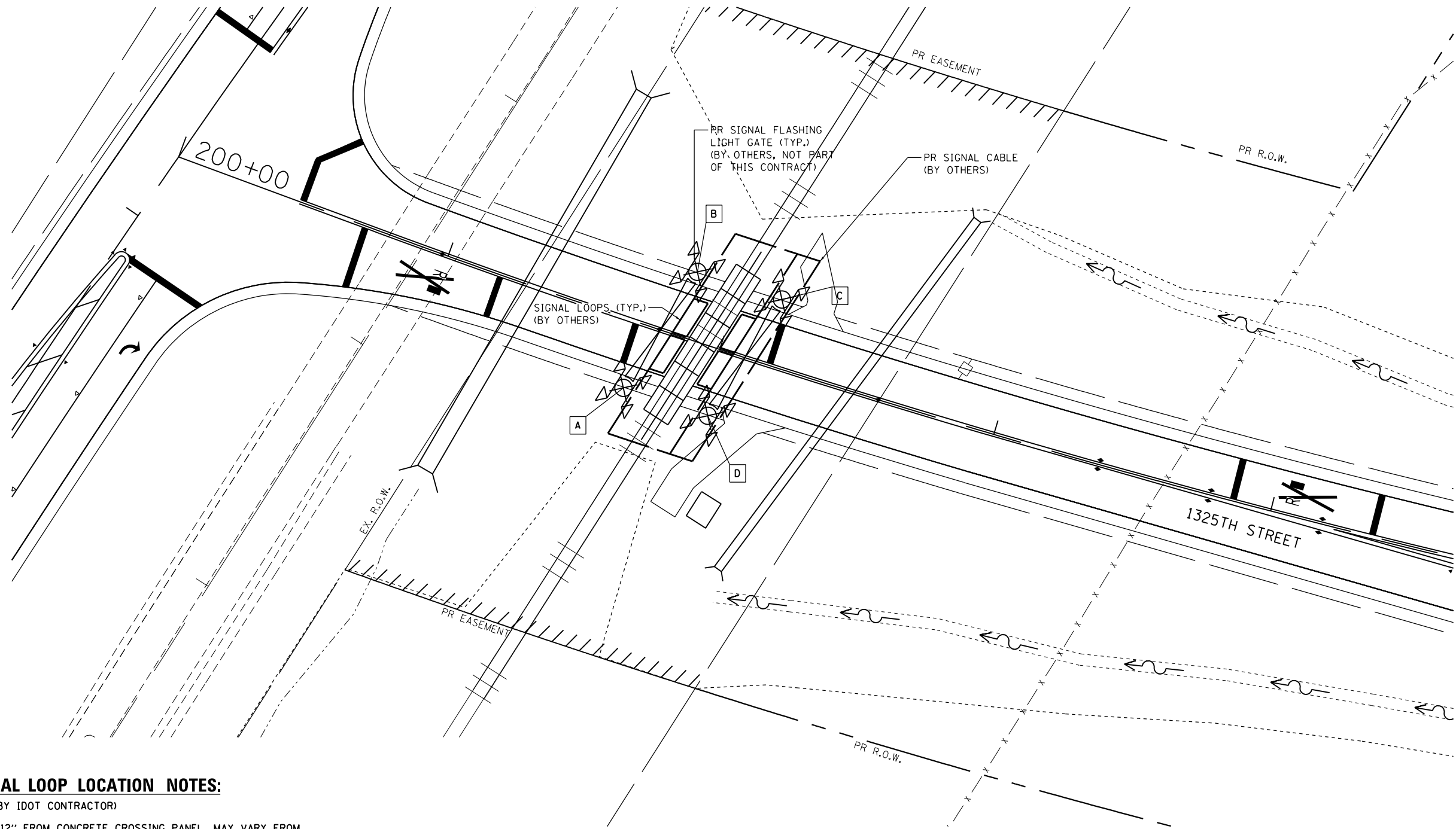
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	DATE - 12/11/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
RAILROAD CROSSING DETAIL - 1325TH STREET

SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	59
CONTRACT NO.			72113	
ILLINOIS FED. AID PROJECT				



SIGNAL LOOP LOCATION NOTES:

(NOT BY IDOT CONTRACTOR)

1. 12" FROM CONCRETE CROSSING PANEL, MAY VARY FROM 6" TO 12" DEPENDING ON PAVEMENT QUALITY.
2. 2' FROM ROADWAY CENTERLINE.
3. 3.5' FROM GATE ARM.
4. 2' FROM EDGE OF TRAVELED WAY. OFFSET MAY BE INCREASED UP TO A MAXIMUM OF 5' WHERE AN IMPROVED SHOULDER OR OTHER EXISTS.
5. MAXIMUM LOOP WIDTH NOT TO EXCEED 8' AND MINIMUM WIDTH TYPICALLY NOT TO BE LESS THAN 5'. LOOPS BETWEEN TRACKS SHOULD NOT BE LESS THAN 3'. HOWEVER, SMALLER LOOPS ARE ACCEPTABLE AND MUST BE APPROVED BY ICC.
6. DISTANCE BETWEEN ADJACENT LOOPS FOR ONE DIRECTION OF TRAFFIC MUST NOT EXCEED 13'.
7. MAXIMUM LOOP AREA NOT TO EXCEED 144 SF.
8. MAXIMUM LENGTH OF THE LONGEST SIDE OF A LOOP SHALL NOT EXCEED 28.5'.

SIGNAL LOOP & SIGNAL CABLE DETAIL

**NOT IN THIS CONTRACT
COORDINATE WITH U.P.R.R.**

FILE NAME: c:\yeworking\james\push\transportation\1775\0627113_Sht_details-PRC-constgDetail_03.dgn



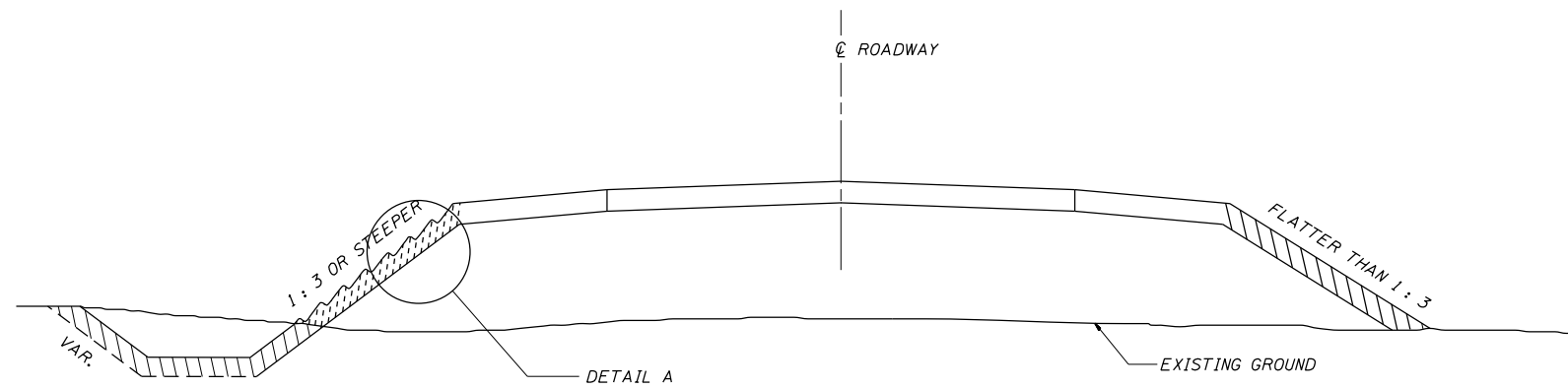
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

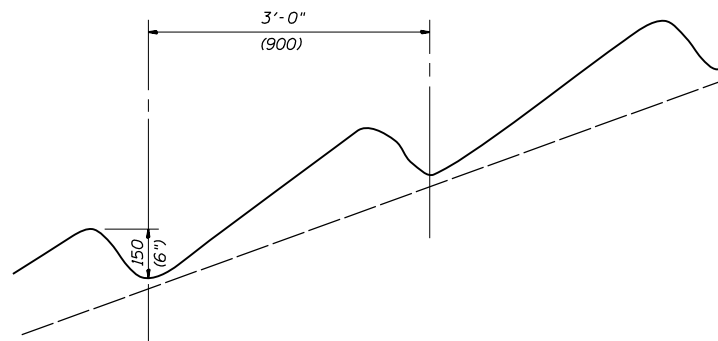
**CONSTRUCTION DETAILS
RAILROAD CROSSING DETAIL - 1325TH STREET**

SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	60
CONTRACT NO. 72113			ILLINOIS FED. AID PROJECT	



SEEDING DETAIL



DETAIL A

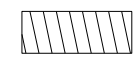
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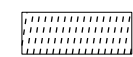
AREAS WHERE THE SLOPE HEIGHTS EXCEED 5' (1.5 m) IN DEPTH AND THE SLOPES ARE 1 : 3 OR STEEPER, THE SLOPES SHALL BE PLOWED WITH 6" (150 mm) DEEP TRENCHES APPROXIMATELY 3' (900 mm) ON CENTER PARALLEL TO THE CONTOUR LINES OF THE CUT OR FILL AND SEEDED WITH CLASS 2 AND 4 MIXTURE. MULCH IN THESE AREAS SHALL BE DONE IN ACCORDANCE WITH METHOD 1.

ALL OTHER AREAS DISTURBED WITHIN THE RIGHT-OF-WAY OR CONSTRUCTION LIMITS SHALL BE SEEDED WITH CLASS 2 AND 4 SEEDING AND MULCH IN ACCORDANCE WITH METHOD 2, PROCEDURE 2 AS SPECIFIED IN ARTICLE 251.03(b) OF THE STANDARD SPECIFICATIONS.

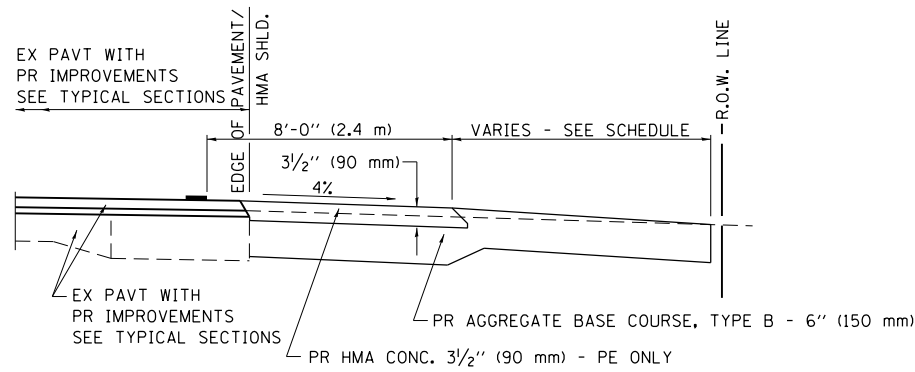
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

LEGEND

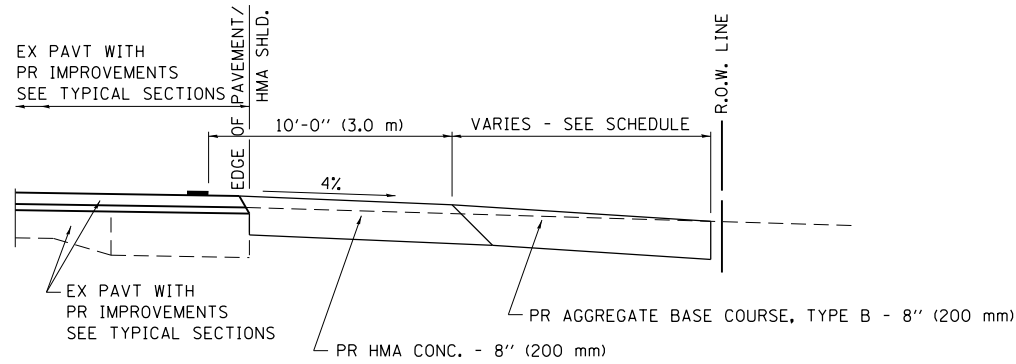
 CLASS 2 AND 4 SEEDING
MULCH METHOD 2 (SEE NOTES)

 CLASS 2 AND 4 SEEDING
MULCH METHOD 1 (SEE NOTES)

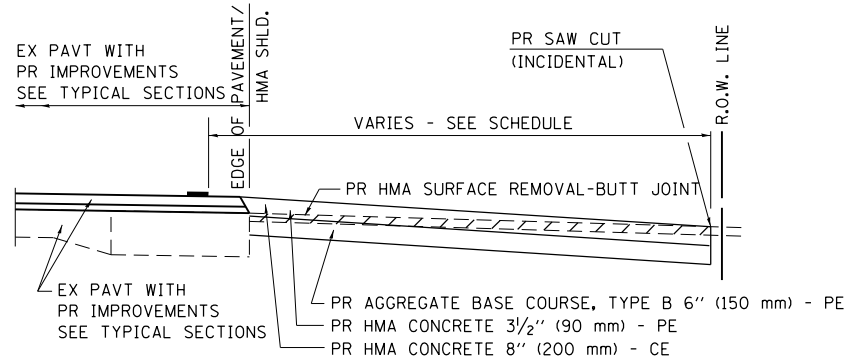
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SEEDING.DGN	PLOT DATE = 12/10/2015	CHECKED -	REVISED -						CONTRACT NO.					
		DATE - 6/21/96	REVISED -						ILLINOIS FED. AID PROJECT					



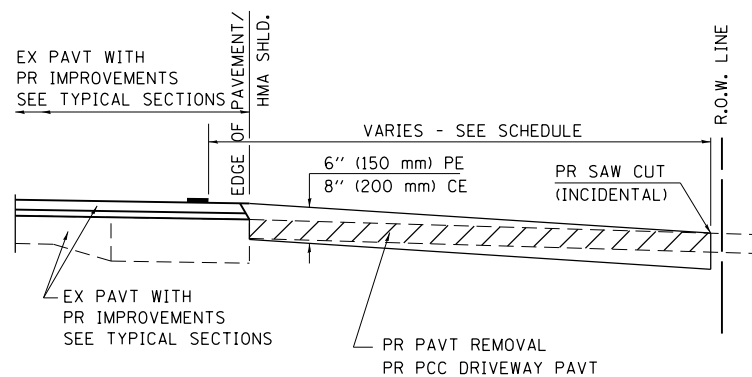
SECTION A-A FOR EX EARTH/AGGREGATE FE & PE



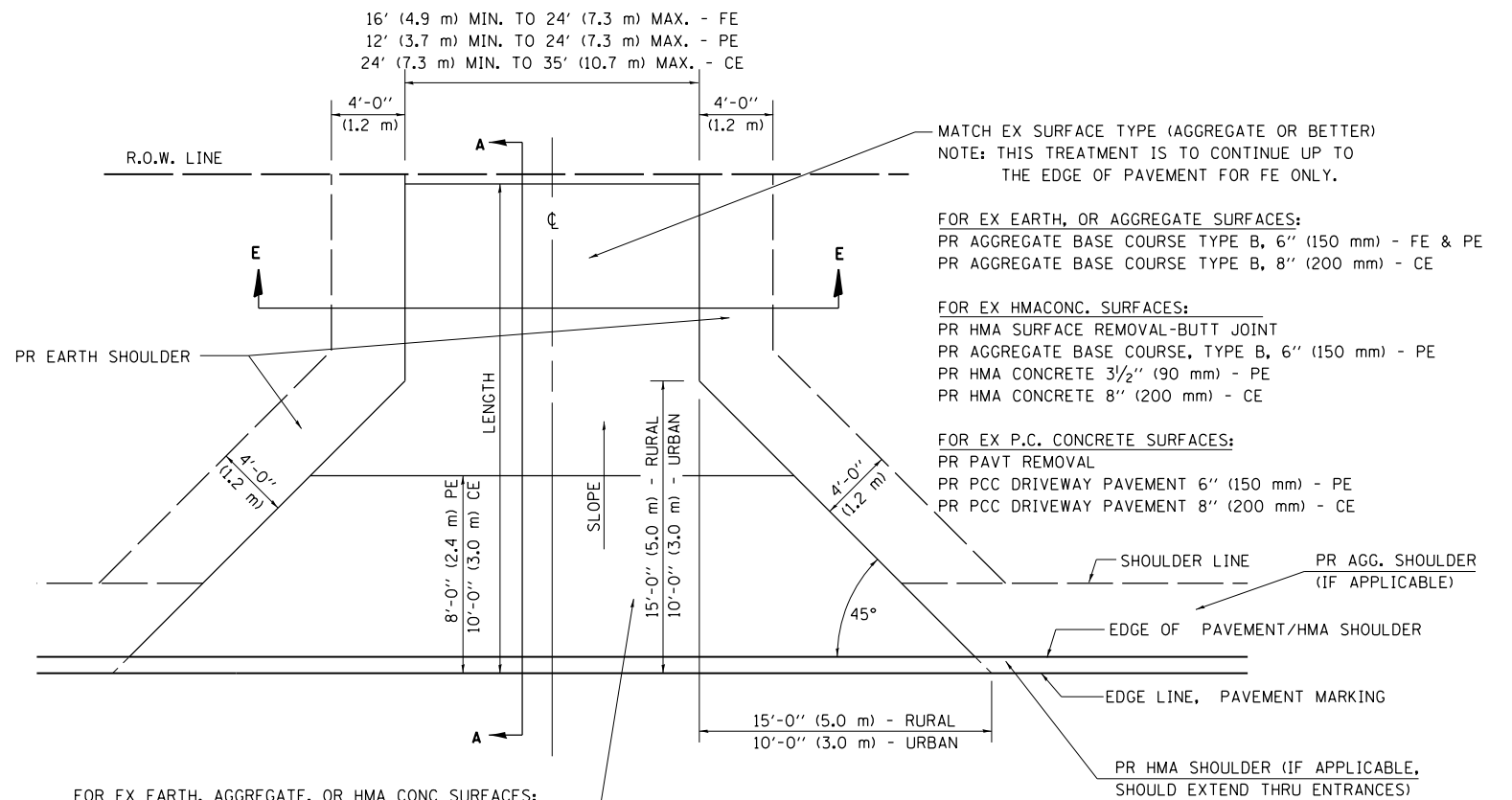
SECTION A-A FOR EX EARTH/AGGREGATE CE



SECTION A-A FOR EX HMA PE & CE



SECTION A-A FOR EX P.C. CONC. PE & CE



FOR EX EARTH, AGGREGATE, OR HMA CONC SURFACES:
 PR HMA SURFACE REMOVAL-BUTT JOINT (IF APPLICABLE)
 PR AGGREGATE BASE COURSE TYPE B 6" (150 mm) - FE
 PR AGGREGATE BASE COURSE TYPE B, 6" (150 mm) &
 PR HMA CONCRETE 3 1/2" (90 mm) - PE
 PR HMA CONCRETE 8" (200 mm) - CE

FOR P.C. CONCRETE SURFACES:
 PR PAVT REMOVAL
 PR PCC DRIVEWAY PAVT 6" (150 mm) - PE
 PR PCC DRIVEWAY PAVT 8" (200 mm) - CE

GENERAL NOTES:

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

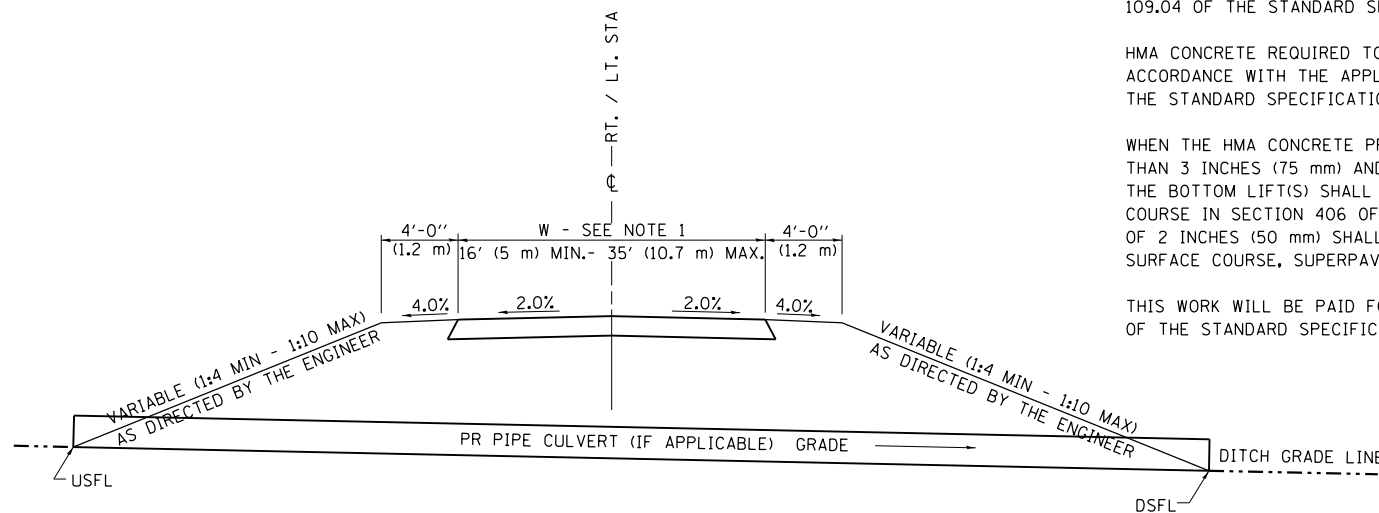
THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

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

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

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

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



SECTION E-E ENTRANCE TYPICAL SECTION

NOTE 1: WIDTH OF ENTRANCE MAY BE INCREASED AT THE PIPE CULVERT DUE TO THE DITCHLINE BEING LOCATED IN THE ENTRANCE FLARE AREA.

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

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D672113-Sht-details-D6STD-05-ent-3r.dgn		DRAWN - CADD	REVISED - 4/01/04 (JCN)
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		DATE - FEBRUARY 23, 1999	REVISED - 01/2013

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CONSTRUCTION DETAILS	
D6 DETAILS FOR RURAL ENTRANCE W/O CONC GUTTER (3R-PROJECTS)	
SCALE:	SHEET 1 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LOGAN	127	62
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

ENTRANCE IMPROVEMENT SCHEDULE FOR RURAL / URBAN "3R" PROJECTS

LOCATION	TYPE OF ENTRANCE	EX MATERIAL TYPE	WIDTH	RT OFFSET	LT OFFSET	LENGTH (FROM EDGE OF PVT/ HMA SHLD TO LIMITS OF IMPROVEMENT)	PR HMA CONC. THICKNESS	HMA SURF. REM. - BUTT JOINT	PAVEMENT REMOVAL	PREP OF BASE	AGGREGATE SURFACE COURSE TYPE B	AGGREGATE BASE COURSE TY - B 6"	HMA (P. C.)	AGG (P. C.)	INCIDENTAL HMA SURF.	P. C. C. DRIVEWAY PAVEMENT 6"	P. C. C. DRIVEWAY PAVEMENT 8"	
(LT / RT) (STA) (+)	(FE / PE / CE / MB) (RURAL / URBAN)	(EARTH / AGG. / HMA / P. C. C.)	FOOT	FOOT	FOOT	FOOT	INCH	SQ. YD.	SQ. YD.	SQ. YD.	TON	SQ. YD.	TON	TON	TON	SQ. YD.	SQ. YD.	
119+75.0 LT	RURAL FE	AGG	24.0		22.0	83.0					247			9				
120+97.6 LT	RURAL FE	HMA	24.0		22.0	62.0					191			9				
202+29.2 LT	RURAL PE/RR ACCESS	AGG	10.0		11.0	26.0				23								
202+30.2 RT	RURAL PE/RR ACCESS	AGG	10.0		11.0	45.0				36								
356+17.7 LT	RURAL PE	AGG	12.0		11.0	24.0					60			7				
357+11.2 LT	RURAL FE	AGG	24.0		11.0	24.0					89			9				
TOTAL =											59	587			34			

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ENT 3R.DGN		DRAWN - CADD	REVISED - 8/01/07 (JCN)
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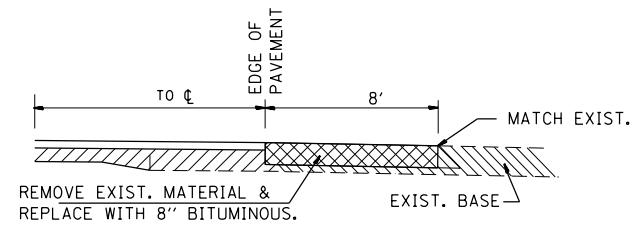
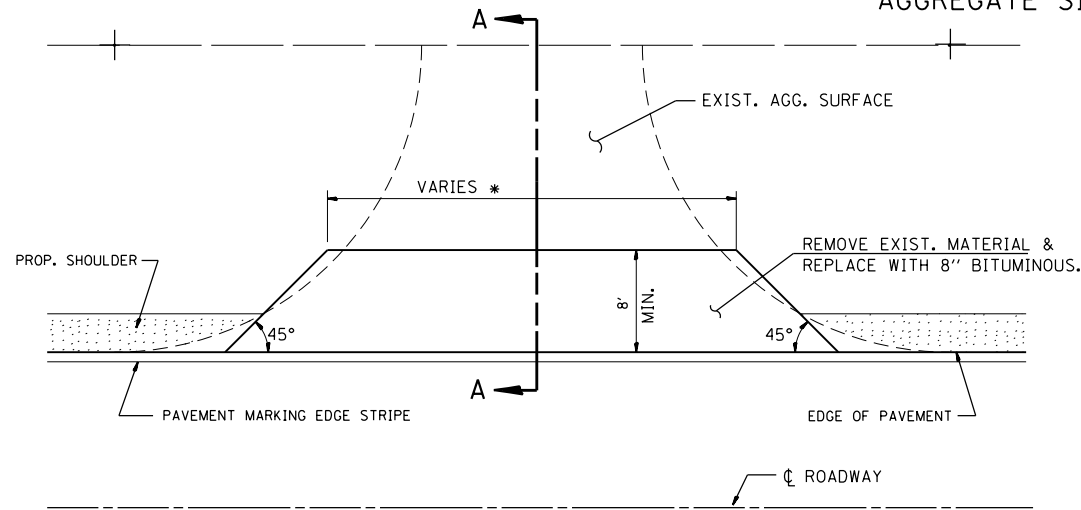
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CONSTRUCTION DETAILS
D6 DETAILS FOR RURAL ENTRANCE W/O CONC GUTTER (3R-PROJECTS)

SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

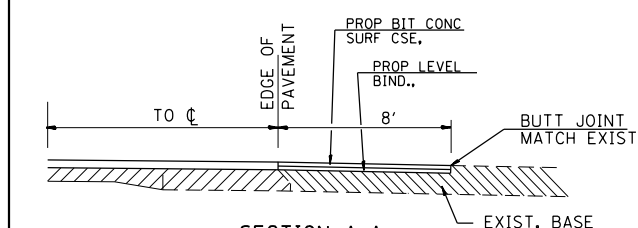
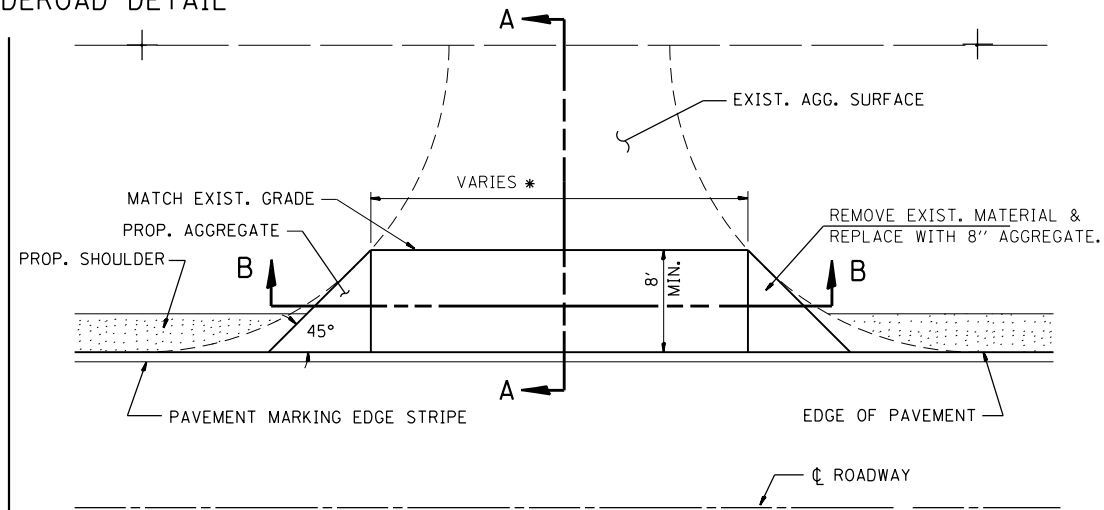
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LOGAN	127	63
CONTRACT NO.			ILLINOIS FED. AID PROJECT	

AGGREGATE SIDEROAD DETAIL



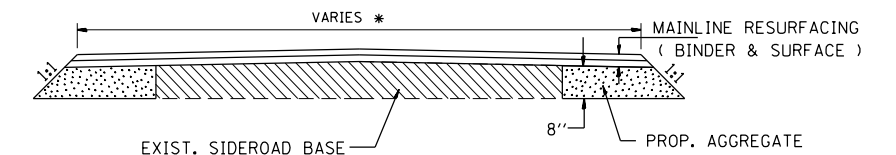
SECTION A-A

TYPE A



SECTION A-A

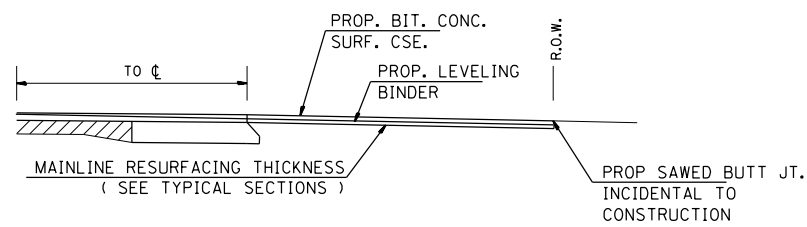
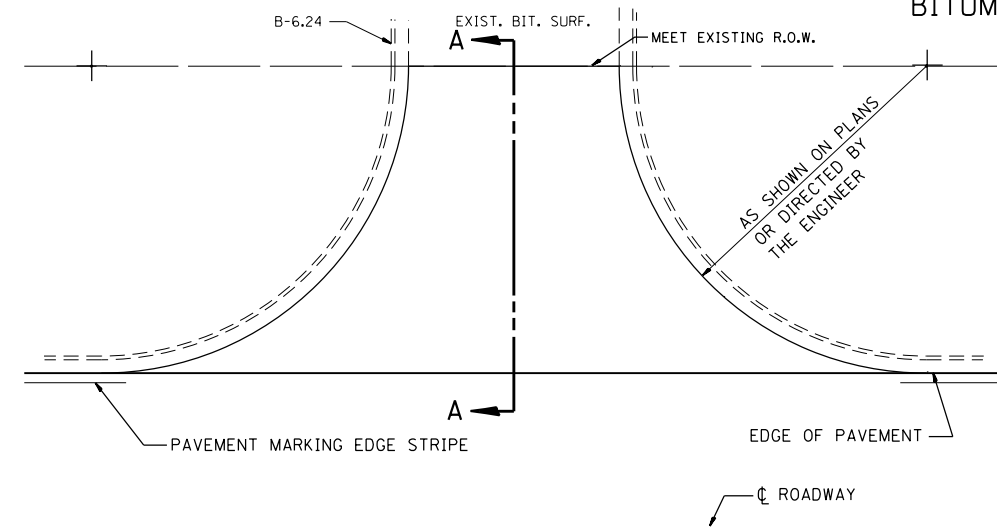
TYPE B



SECTION B-B

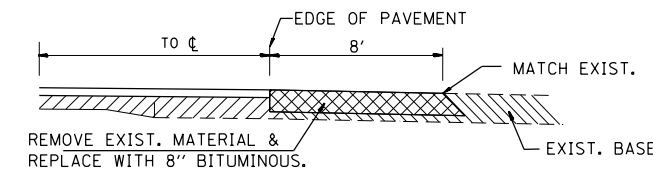
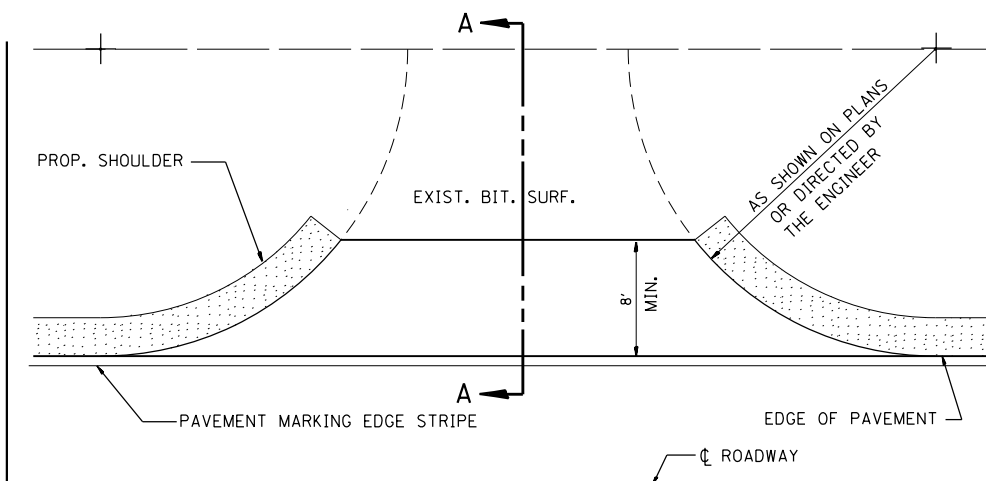
* AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.

BITUMINOUS SIDEROAD DETAIL

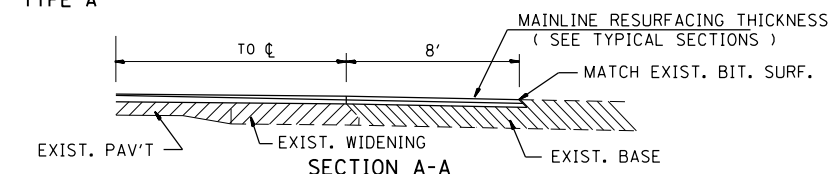


SECTION A-A

URBAN ROAD OR STREET



TYPE A



SECTION A-A

TYPE B

RURAL SIDEROADS

NOTES

1. THE SIDEROAD TREATMENT FOR RURAL BITUMINOUS SIDEROADS SHALL BE CONTINUED TO THE END OF THE RADIUS RETURN IF RADIUS IMPROVEMENT IS SHOWN ON THE PLANS.
2. IF VERTICAL GRADE CHANGE IS OCCURRING, THEN THE SIDEROAD TREATMENT SHALL CONTINUE UNTIL THE PROPOSED CHANGE MEETS THE EXISTING SIDEROAD.
3. THE ROADWAY PLANS AND SCHEDULE WILL LIST THE QUANTITIES AND LOCATIONS FOR ALL SIDEROADS.

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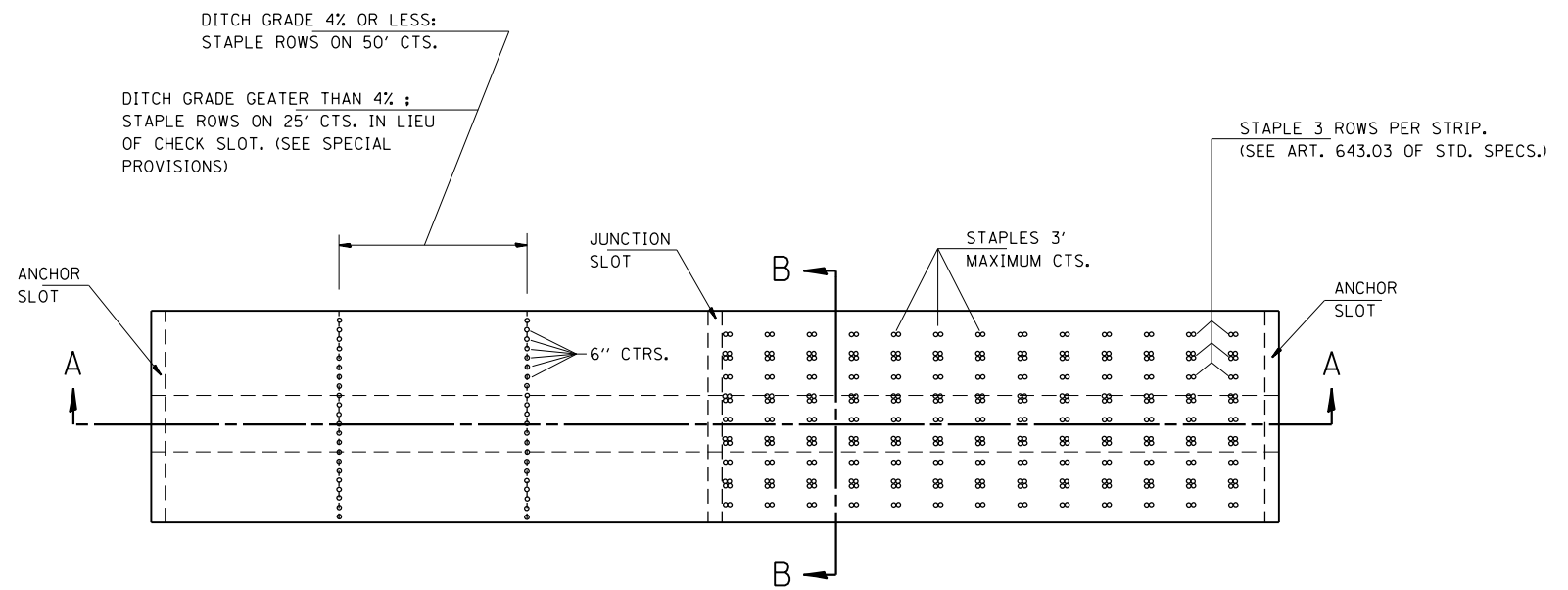
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
SIDEROAD DETAILS

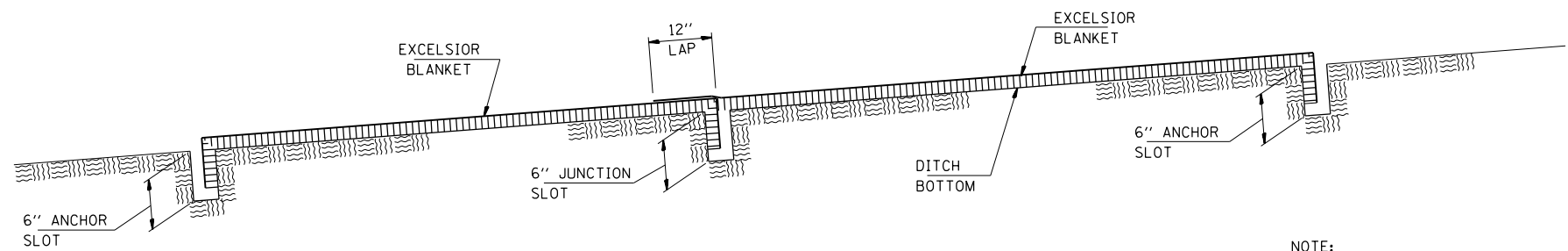
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LOGAN	127	64
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

SIDERD.DGN

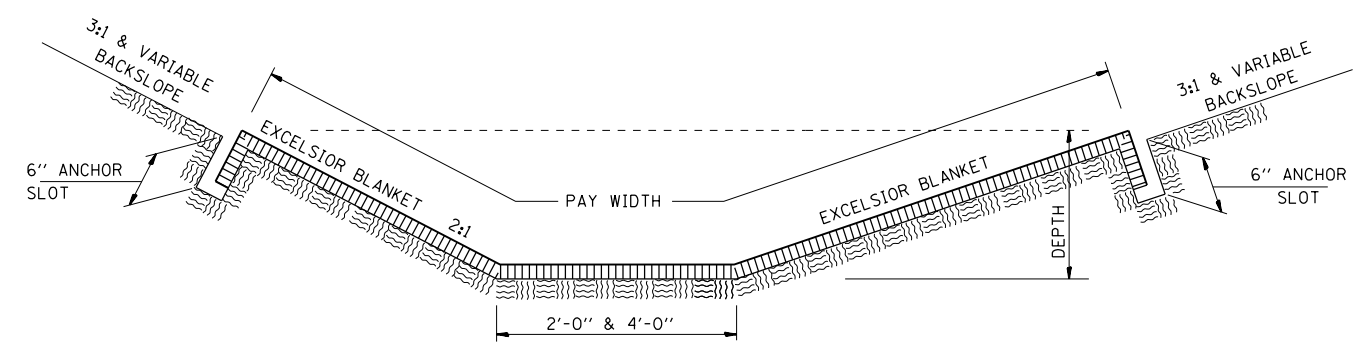


PLAN VIEW & STAPLING LAYOUT FOR
EXCELSIOR BLANKET PLACEMENT IN DITCH



EXCELSIOR BLANKET
SECTION A - A

NOTE:
FOR ADDITIONAL INFORMATION SEE
SPECIAL PROVISIONS - EXCELSIOR BLANKET



EXCELSIOR BLANKET
SECTION B - B

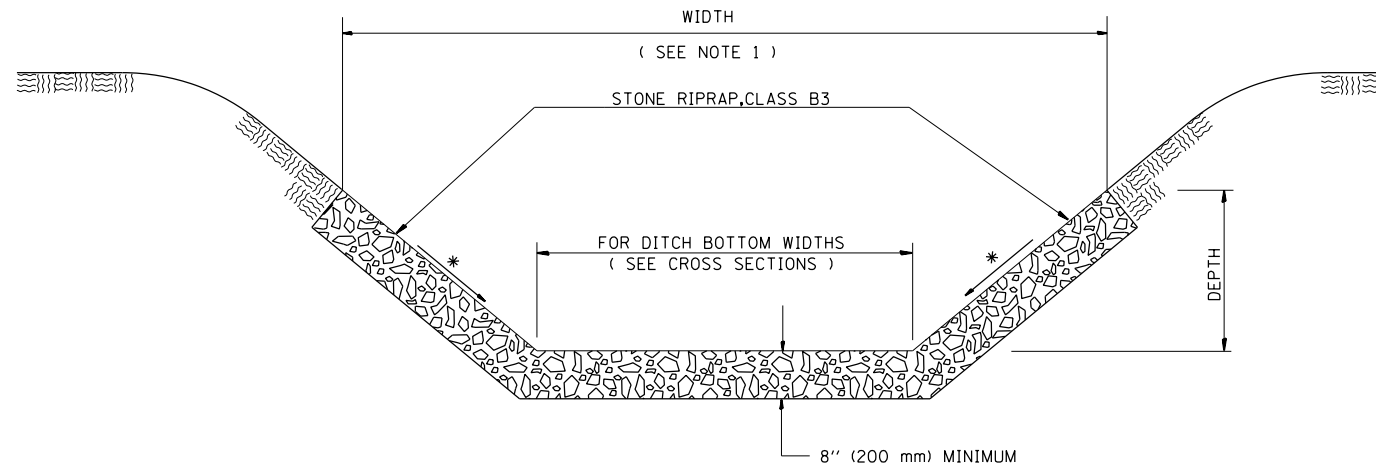
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
EXCELSIOR BLANKET DETAIL

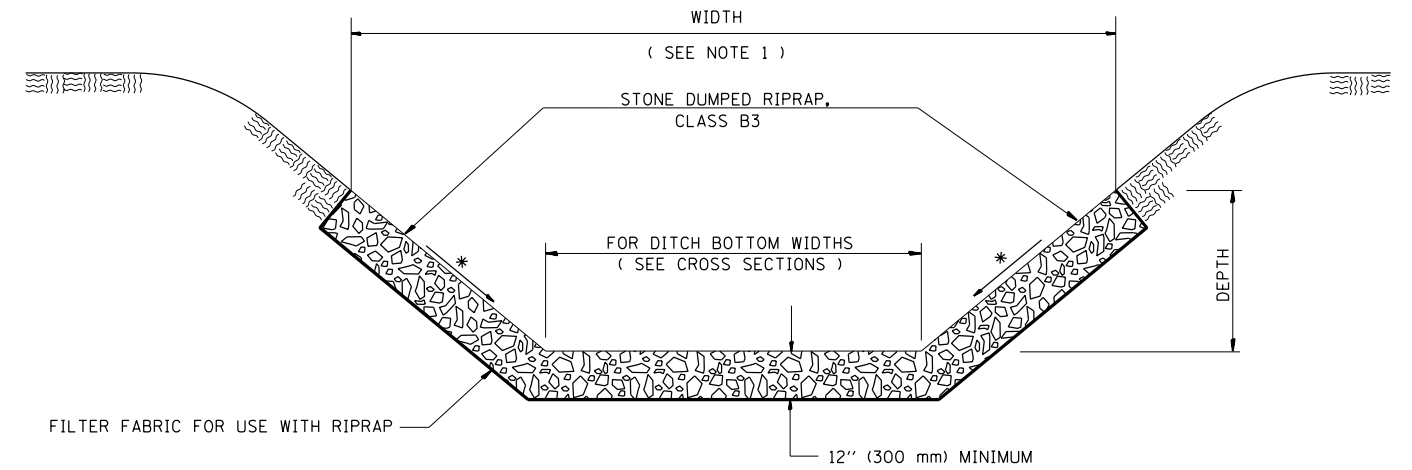
SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LOGAN	127	65
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



* FOR SLOPE SEE CROSS SECTIONS

STONE RIPRAP DITCH DETAIL



* FOR SLOPE SEE CROSS SECTIONS

STONE DUMPED RIPRAP DITCH DETAIL

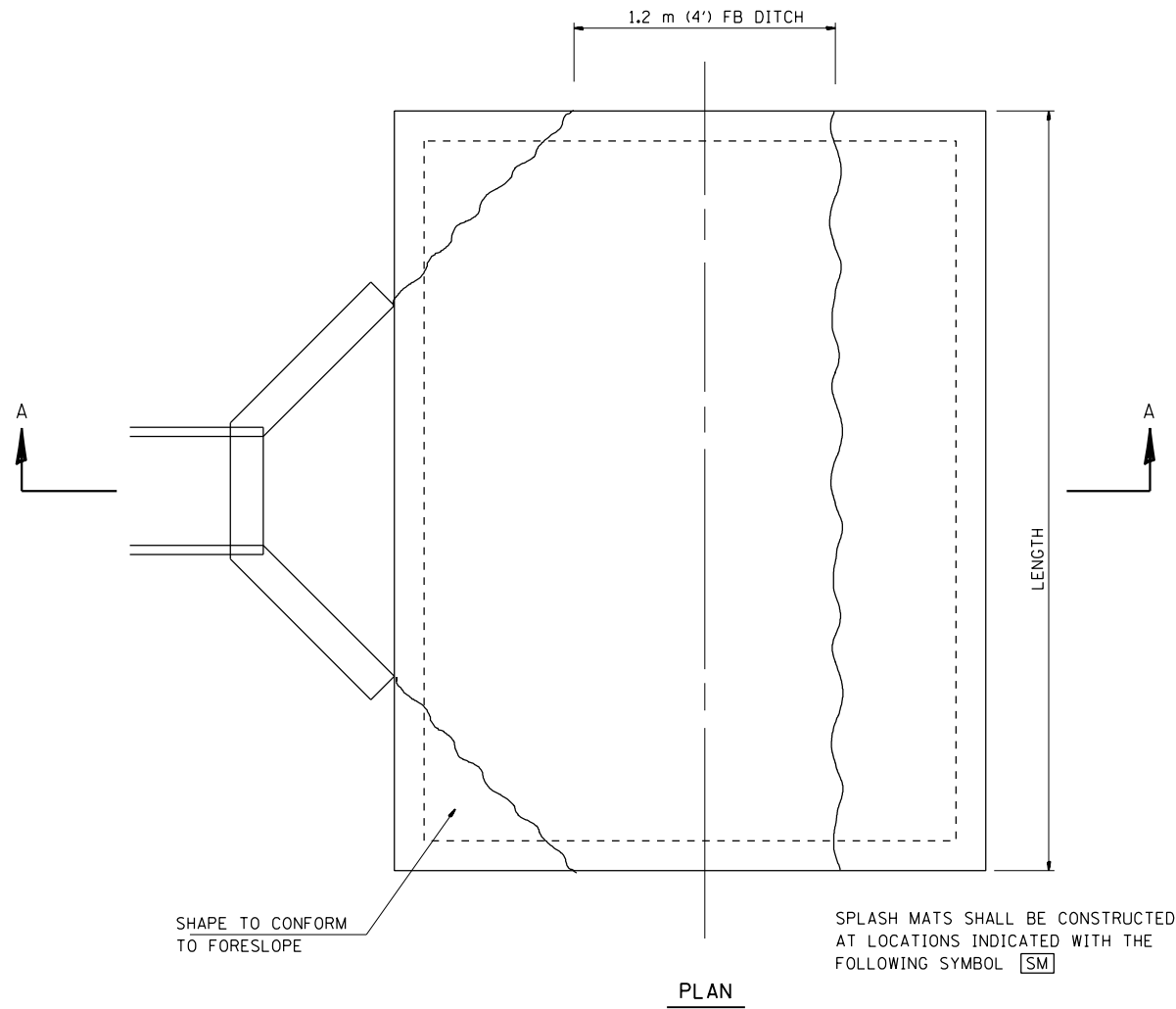
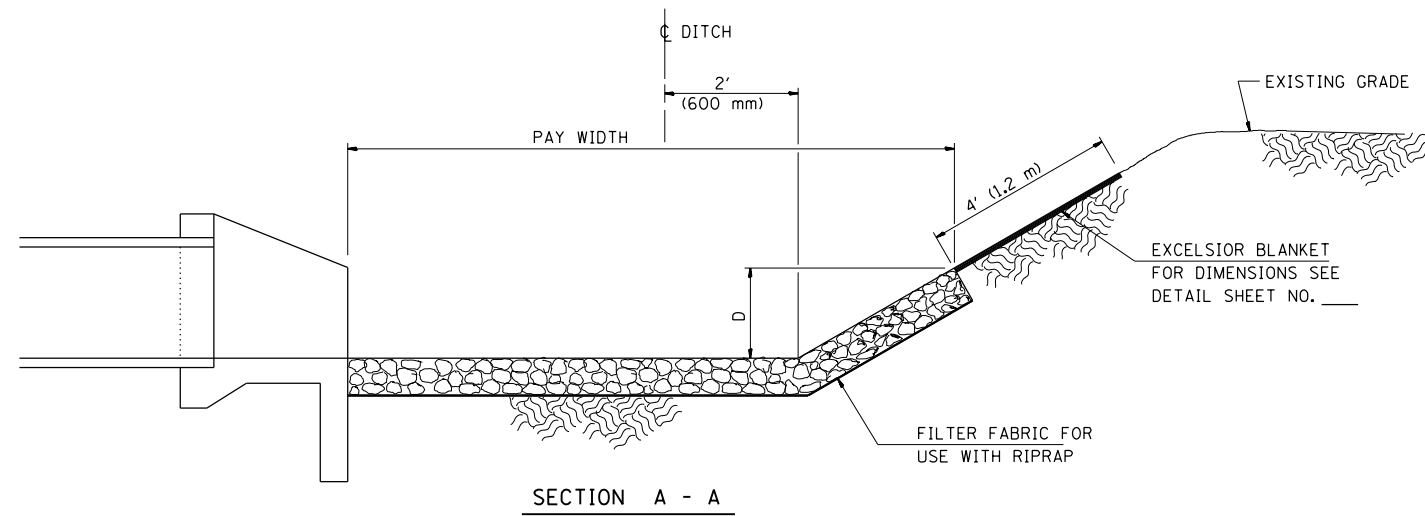
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	PLOT DATE = 12/10/2015	CHECKED - KMS	REVISED -
		DATE - 5/10/96	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAILS
DITCH RIPRAP DETAIL**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LOGAN	127	66
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



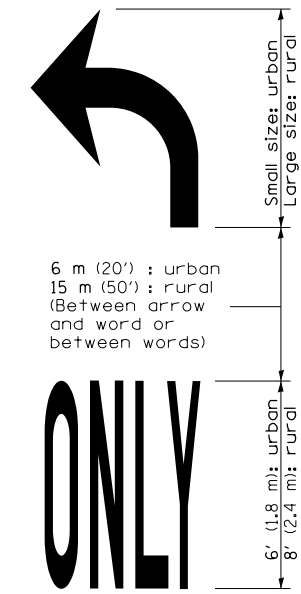
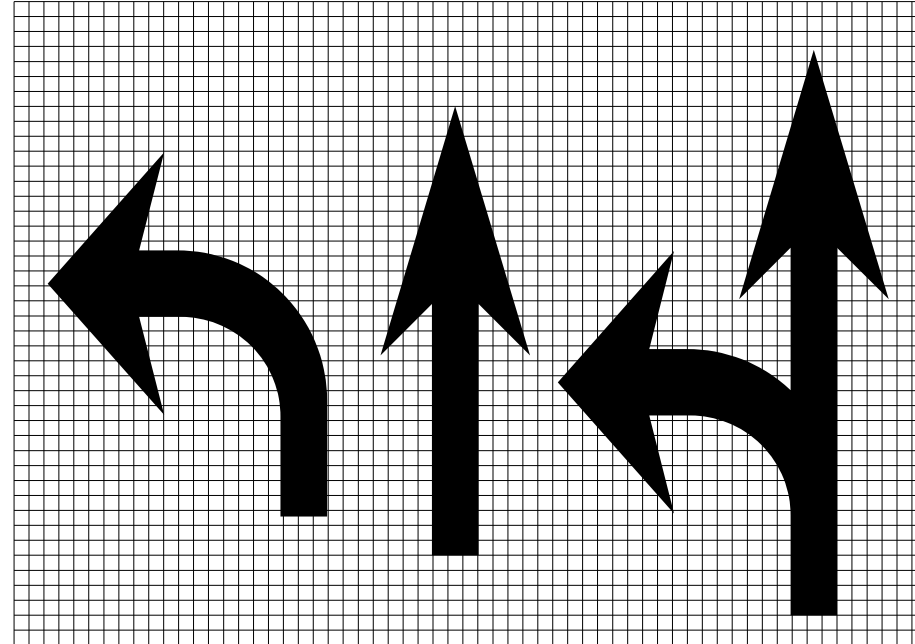
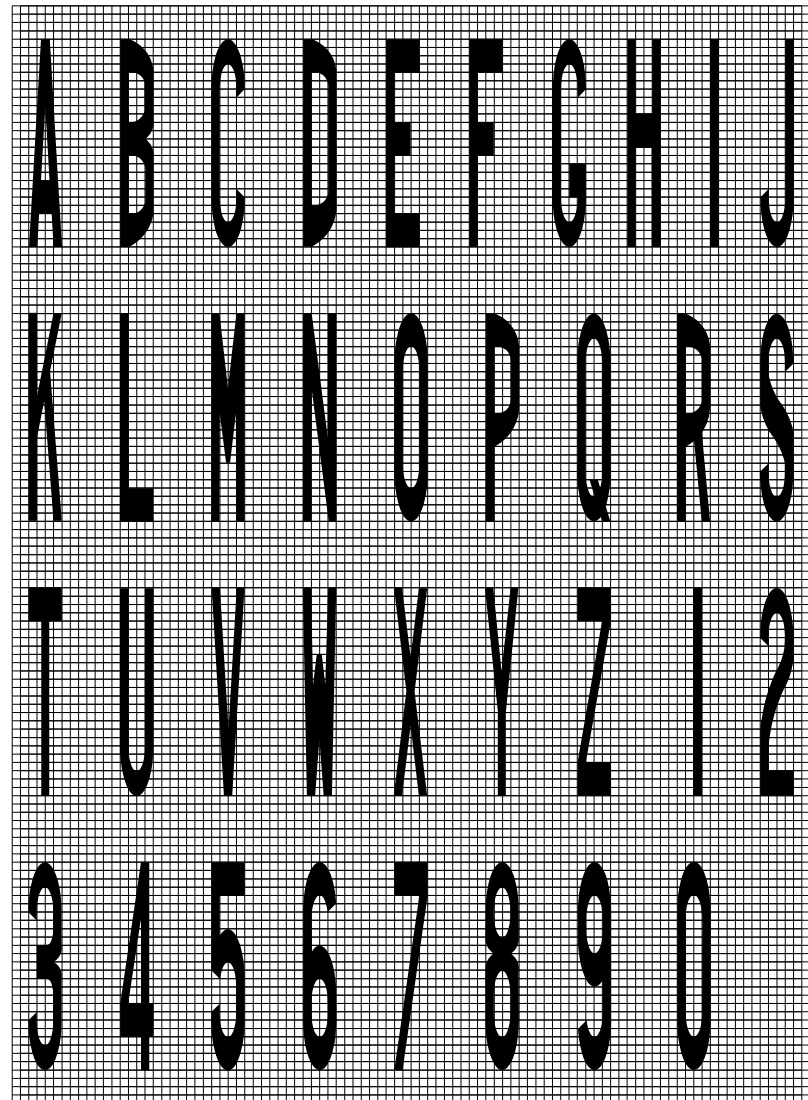
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D672113-Sht-details-06STD-10-splash.dgn		DRAWN - CAD	REVISED -
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		DATE - 4/08/96	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAILS
SPLASH MAT DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LOGAN	127	67
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

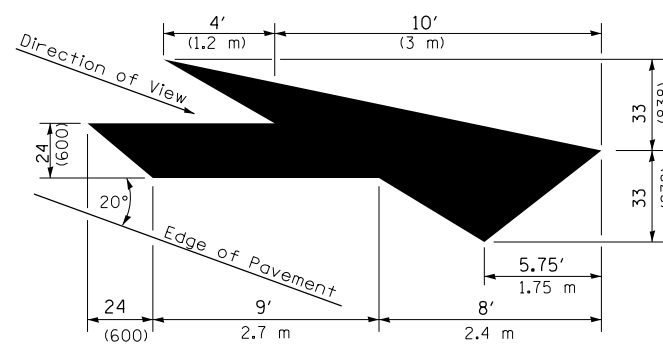


WORD AND ARROW LAYOUT

a		
	a	
Legend Height	Arrow Size	a
1.8 m (6')	Small	74 (2.9)
2.4 m (8')	Large	96 (3.8)

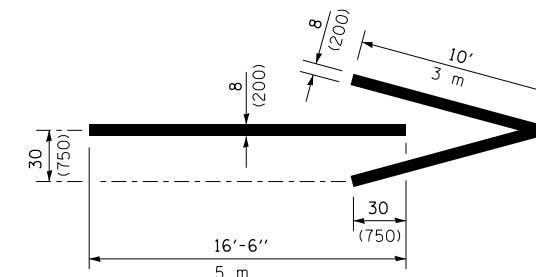
The space between adjacent letters or numerals should be approximately 75 (3) for 1.8 m (6') legend and 100 (4') for 2.4 m (8') legend.

LETTER AND ARROW GRID SCALE



LANE DROP ARROW

Right lane drop arrow shown.
Use mirror image for left lane.



WRONG WAY ARROW

FILE NAME = c:\nework\cug\james.push\transportat\cug\james.push\0672113_Sht_details-0651D-11-780001.dgn

780001A.DGN

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PLOT DATE = 12/10/2015		

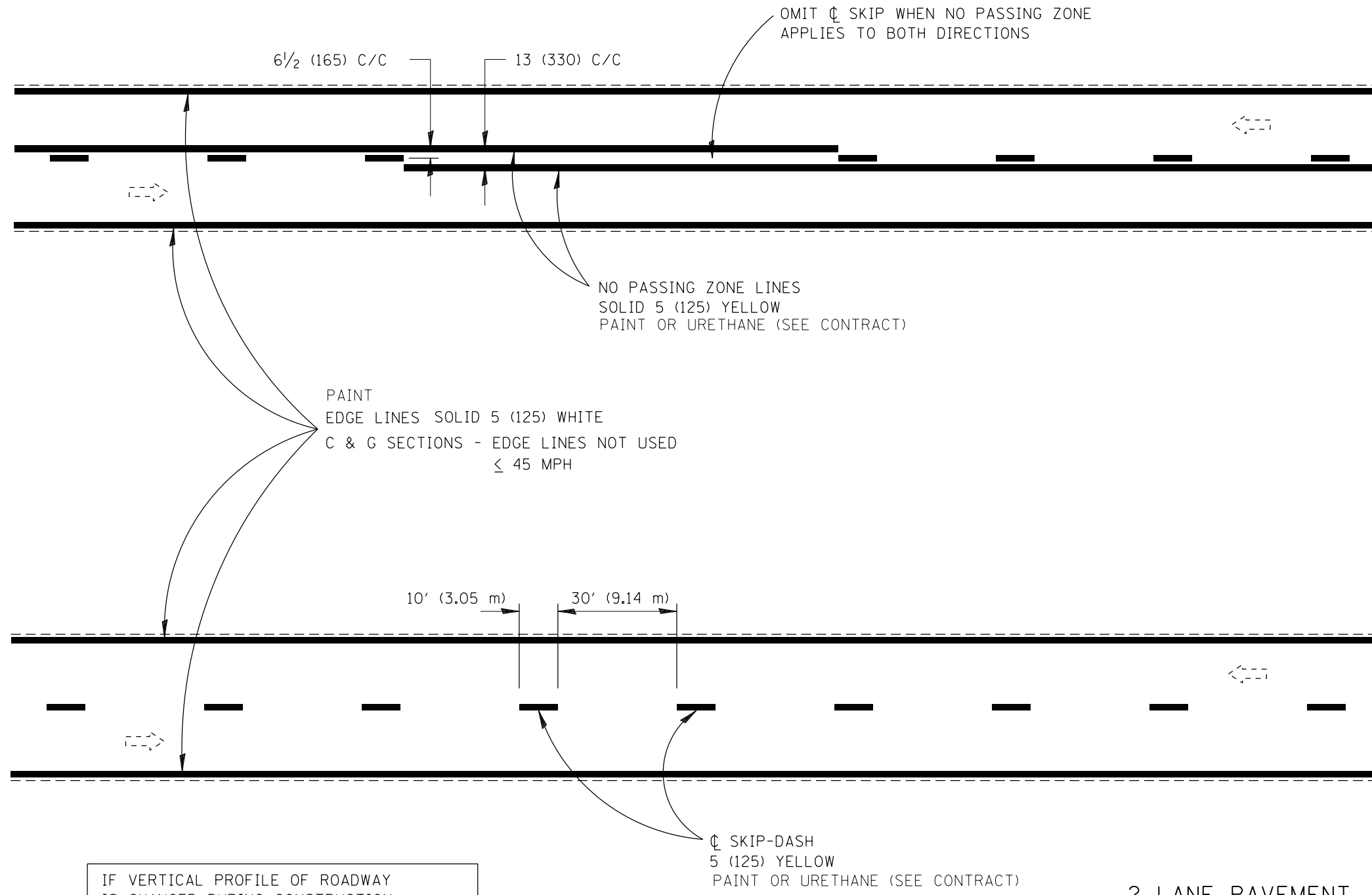
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
TYPICAL PAVEMENT MARKINGS

SCALE: N.T.S. SHEET 1 OF 8 SHEETS STA. TO STA.

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	68
CONTRACT NO.			72113	
ILLINOIS FED. AID PROJECT				



IF VERTICAL PROFILE OF ROADWAY IS CHANGED DURING CONSTRUCTION, "NO PASSING ZONES" ARE TO BE FIELD VERIFIED BY THE BUREAU OF OPERATIONS. THE RESIDENT ENGINEER SHALL NOTIFY THE BUREAU OF OPERATIONS 14 DAYS PRIOR TO PERMANENT PAVEMENT MARKINGS.

2 LANE PAVEMENT

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT 6 PAVEMENT MARKING STANDARDS
DATE 2013-01 NOT TO SCALE

D6PAVMRK.DGN
•DGN-ONLY•

FILE NAME = c:\neworking\james.push\transportation\dms13775\0627113_Sht-details-D6PAVMRK.DGN

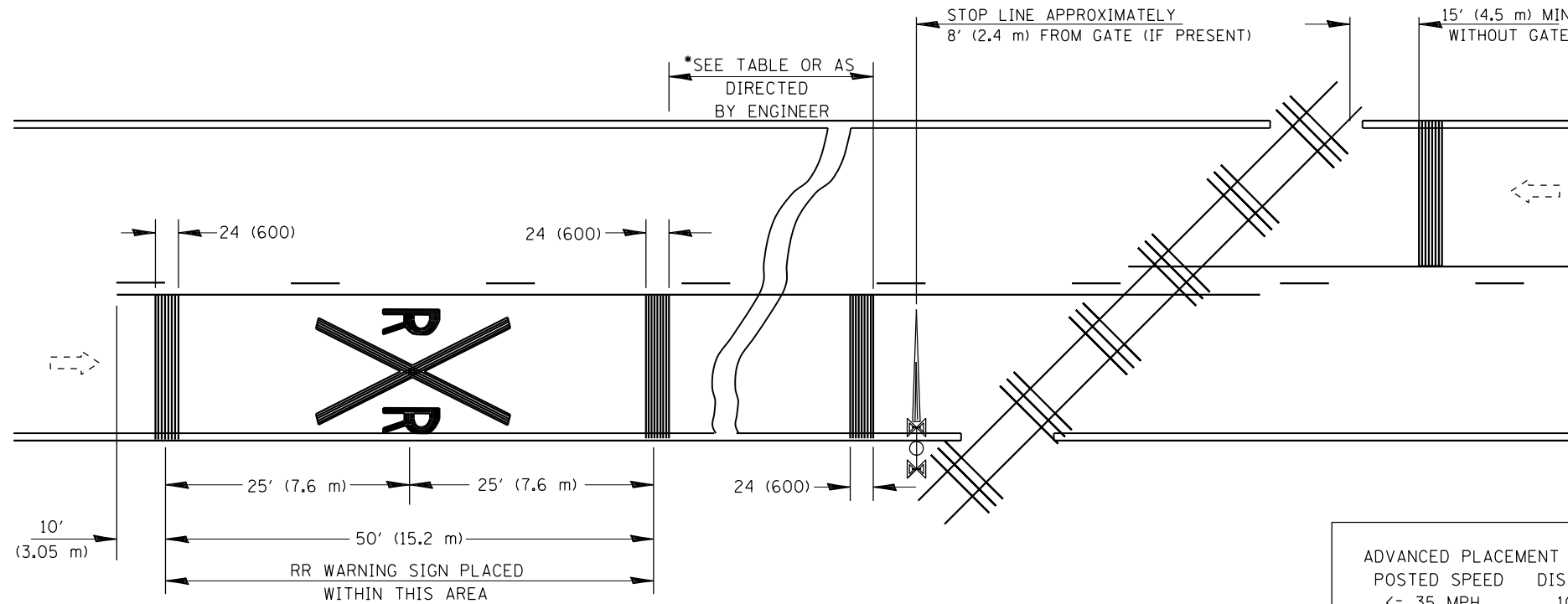


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PLOT DATE = 12/10/2015	DATE - 12/11/2015	REVISED -

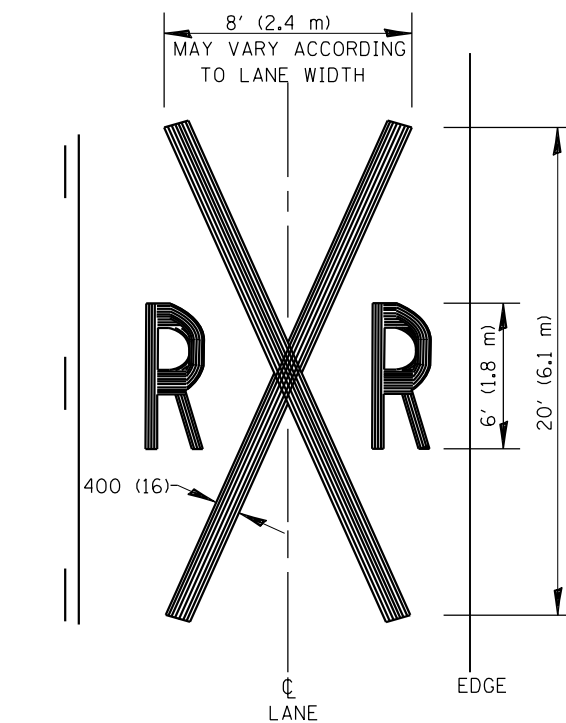
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS TYPICAL PAVEMENT MARKINGS			
SCALE: N.T.S.	SHEET 7 OF 8 SHEETS	STA.	TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	69
CONTRACT NO.			72113	
ILLINOIS FED. AID PROJECT				



POSTED SPEED	DISTANCE
<= 35 MPH	100 FT
40 MPH	125 FT
45 MPH	175 FT
50 MPH	250 FT
55 MPH	325 FT
60 MPH	400 FT
65 MPH	475 FT



* THE DISTANCE FROM THE RAILROAD CROSSING MARKING TO THE NEAREST TRACK WILL VARY ACCORDING THE APPROACH SPEED AND THE SIGHT DISTANCE OF THE VEHICULAR TRAFFIC APPROACHING, BUT SHOULD NOT BE LESS THAN 50' (15.2 m)

ON MULTI-LANE ROADS THE TRANSVERSE BANDS SHOULD EXTEND ACROSS ALL APPROACH LANES, AND INDIVIDUAL RXR SYMBOLS SHOULD BE USED IN EACH APPROACH LANE.

REFER TO STANDARD ALPHABET FOR HIGHWAY SIGNS AND MARKINGS FOR RXR SYMBOLS DETAILS.

R = 3.6 SQ. FT.
X = 54.0 SQ. FT.

ALL PAVEMENT MARKING MATERIALS SHALL BE: PREF PLASTIC PAV'T MKG TYPE B (INLAID)

TYPICAL PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSINGS

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT 6 PAVEMENT MARKING STANDARDS

DATE 2013-01

NOT TO SCALE

D6PAVMRK.DGN
DGN-ONLY

FILE NAME: c:\neworking\james.push\transportation\dm13775\0627113_Sht-details-06STD-12-06-pvmt_mrk_details.dgn



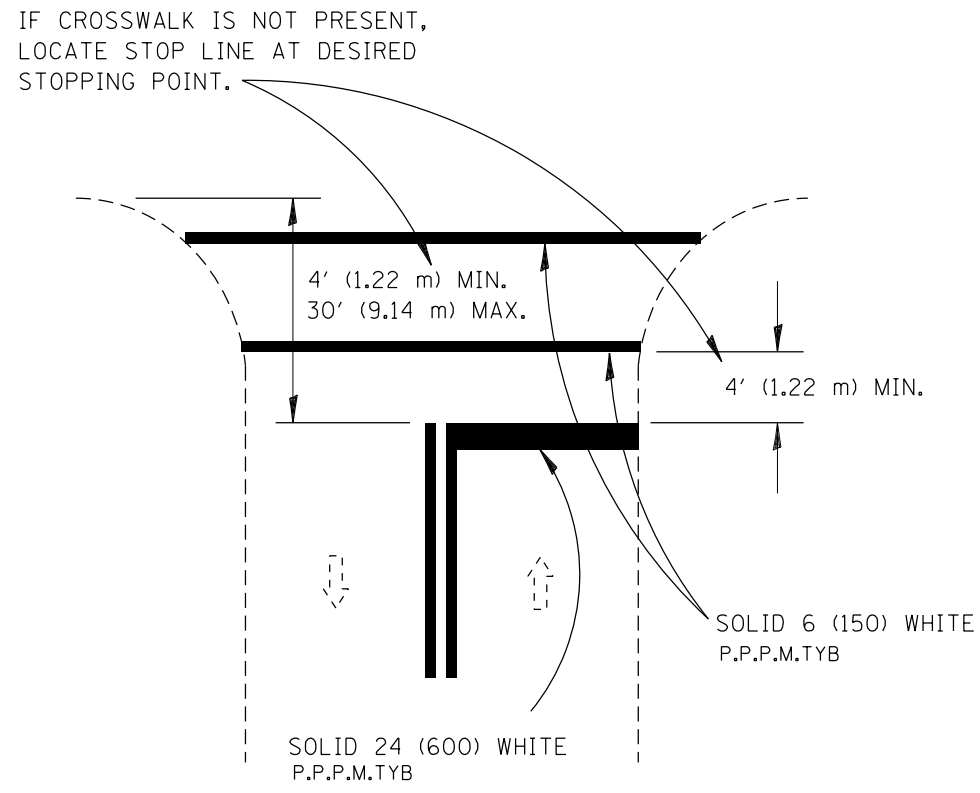
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PLOT DATE = 12/10/2015	DATE - 12/11/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
TYPICAL PAVEMENT MARKINGS

SCALE: N.T.S. SHEET 2 OF 8 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	70
CONTRACT NO.			72113	
ILLINOIS FED. AID PROJECT				



RURAL

RELEASE NO PASSING ZONE
100 FT AFTER STOP BAR
WHERE APPROPRIATE

500' FT PASSING
ZONE APPROACHING STOP BAR

STOP LINES

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT 6 PAVEMENT MARKING STANDARDS
DATE 2013-01 NOT TO SCALE

D6PAVMRK.DGN
•DGN-ONLY•

FILE NAME = c:\neworking\james.push\transportation\13775\062113_Sht-details-D6PAVMRK.DGN



USER NAME = james.push	DESIGNED - CJG	REVISED -
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PLOT DATE = 12/10/2015	DATE - 12/11/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

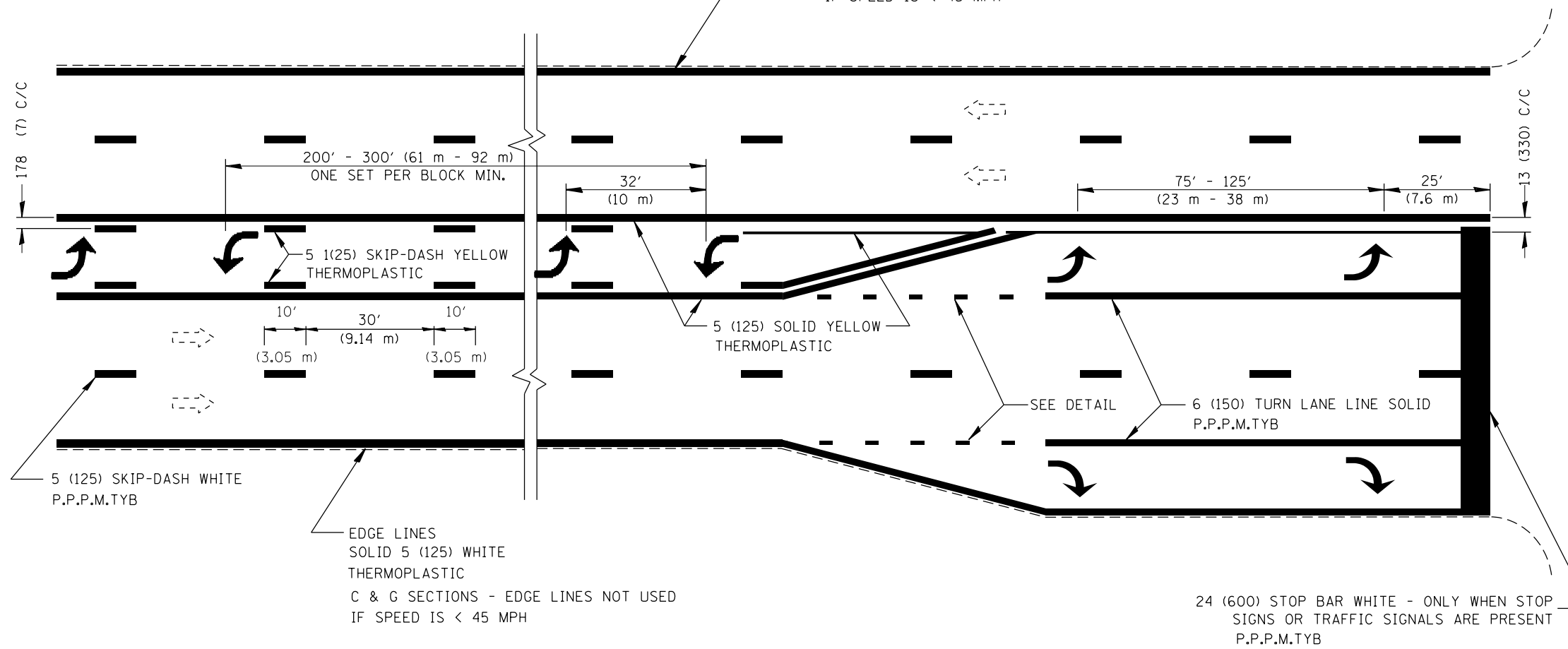
CONSTRUCTION DETAILS	
TYPICAL PAVEMENT MARKINGS	
SCALE: N.T.S.	SHEET 3 OF 8 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	71
CONTRACT NO. 72113			ILLINOIS FED. AID PROJECT	

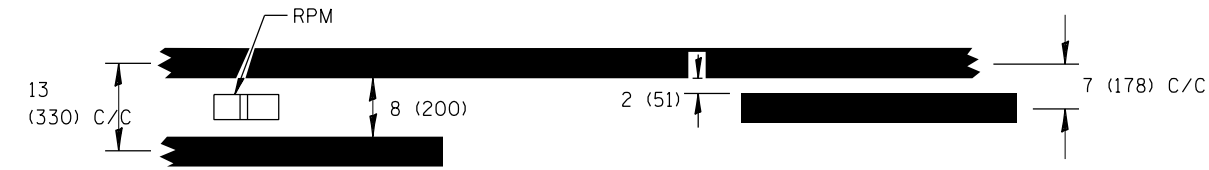
PREFORMED PLASTIC PAV'T MKG TY B (INLAID) - P.P.P.M.TYB

6' 2' 6' 2' 6' 2' 6' 2' 6' 2'
 DETAIL
 P.P.P.M. TYB

EDGE LINES
 SOLID 5 (125) WHITE
 THERMOPLASTIC
 C & G SECTIONS - EDGE LINES NOT USED
 IF SPEED IS < 45 MPH



DETAIL



ALL TURN ARROWS 8' (2.4 m)
 CENTER TURN ARROWS IN PAIRS
 USE LARGER ARROWS: 15.6 SQ FT (1.47 SQ m)
 ALL ARROWS ARE P.P.P.M.TYB

SINGLE TURN LANE
 AND
 LEFT TURN LANE CHANNELIZATION

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DISTRICT 6 PAVEMENT MARKING STANDARDS
 DATE 2013-01 NOT TO SCALE

FILE NAME: c:\neworking\james.push\transportation\13775\0627113_Sht-details-0651D-12-06-pvmt_mrk_details.dgn

D6PAVMRK.DGN
 DGN-ONLY



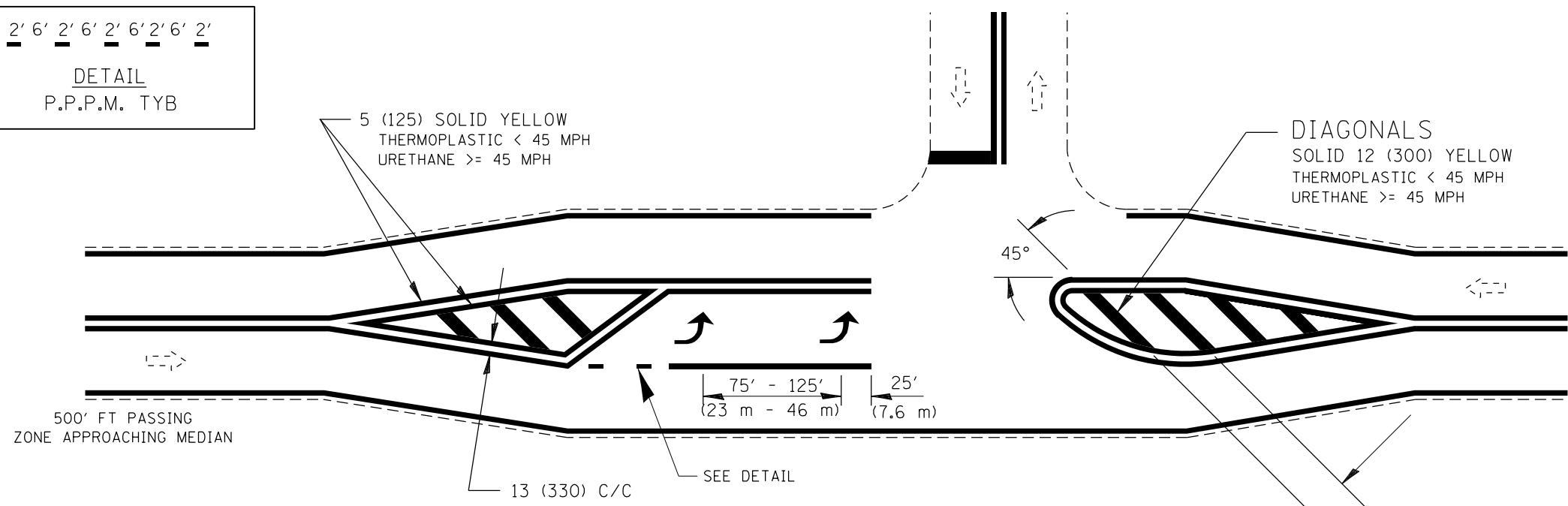
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PLOT DATE = 12/10/2015	DATE - 12/11/2015	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS	
TYPICAL PAVEMENT MARKINGS	
SCALE: N.T.S.	SHEET 4 OF 8 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	72
CONTRACT NO.			72113	
ILLINOIS FED. AID PROJECT				

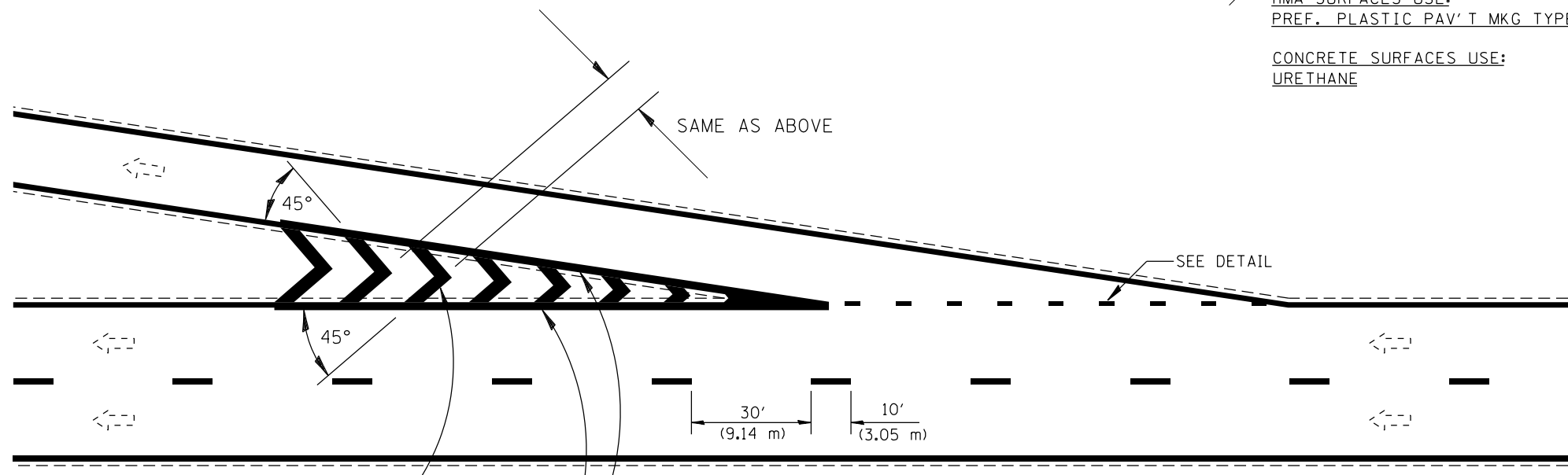
6" 2' 6" 2' 6" 2' 6" 2' 6" 2'
DETAIL
 P.P.P.M. TYB



15' (4.57 m) C/C < 30 MPH
 20' (6.1 m) C/C 30-45 MPH
 30' (9.14 m) C/C > 45 MPH

HMA SURFACES USE:
 PREF. PLASTIC PAV'T MKG TYPE B (INLAID)

CONCRETE SURFACES USE:
 URETHANE



CHEVRONS
 SOLID 12 (300) WHITE
 P.P.P.M.TYB

SOLID 8 (200) WHITE
 P.P.P.M.TYB

**PAINTED MEDIAN ISLANDS, GORE MARKINGS
 AND CHANNELIZING LINES
 NON-FREEWAY & NON-EXPRESSWAY**

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DISTRICT 6 PAVEMENT MARKING STANDARDS
 DATE 2013-01 NOT TO SCALE

D6PAVMRK.DGN
 DGN-ONLY

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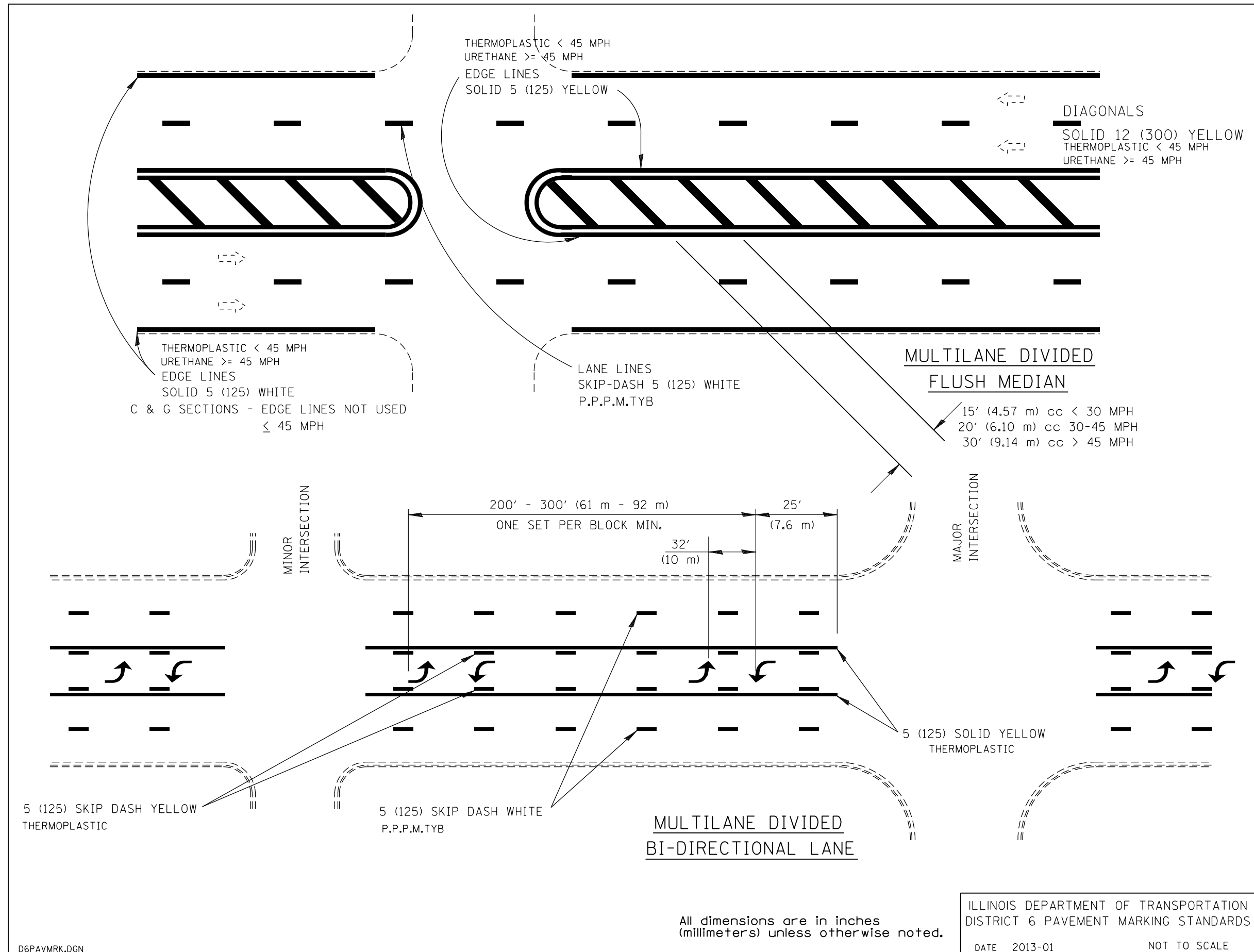


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	DRAWN - ATP	REVISED -
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PLOT DATE = 12/10/2015	DATE - 12/11/2015	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS	
TYPICAL PAVEMENT MARKINGS	
SCALE: N.T.S.	SHEET 5 OF 8 SHEETS
STA.	TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	73
CONTRACT NO.			72113	
ILLINOIS FED. AID PROJECT				



FILE NAME: c:\neworking\james.push\transportation\13775\0627113_Sht-details-D6PAV-06-pvnt.mrk details.dgn

D6PAVMRK.DGN
•DGN-ONLY•



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DRAWN - ATP	REVISIONS -	
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PLLOT DATE = 12/10/2015	DATE - 12/11/2015	REVISIONS -

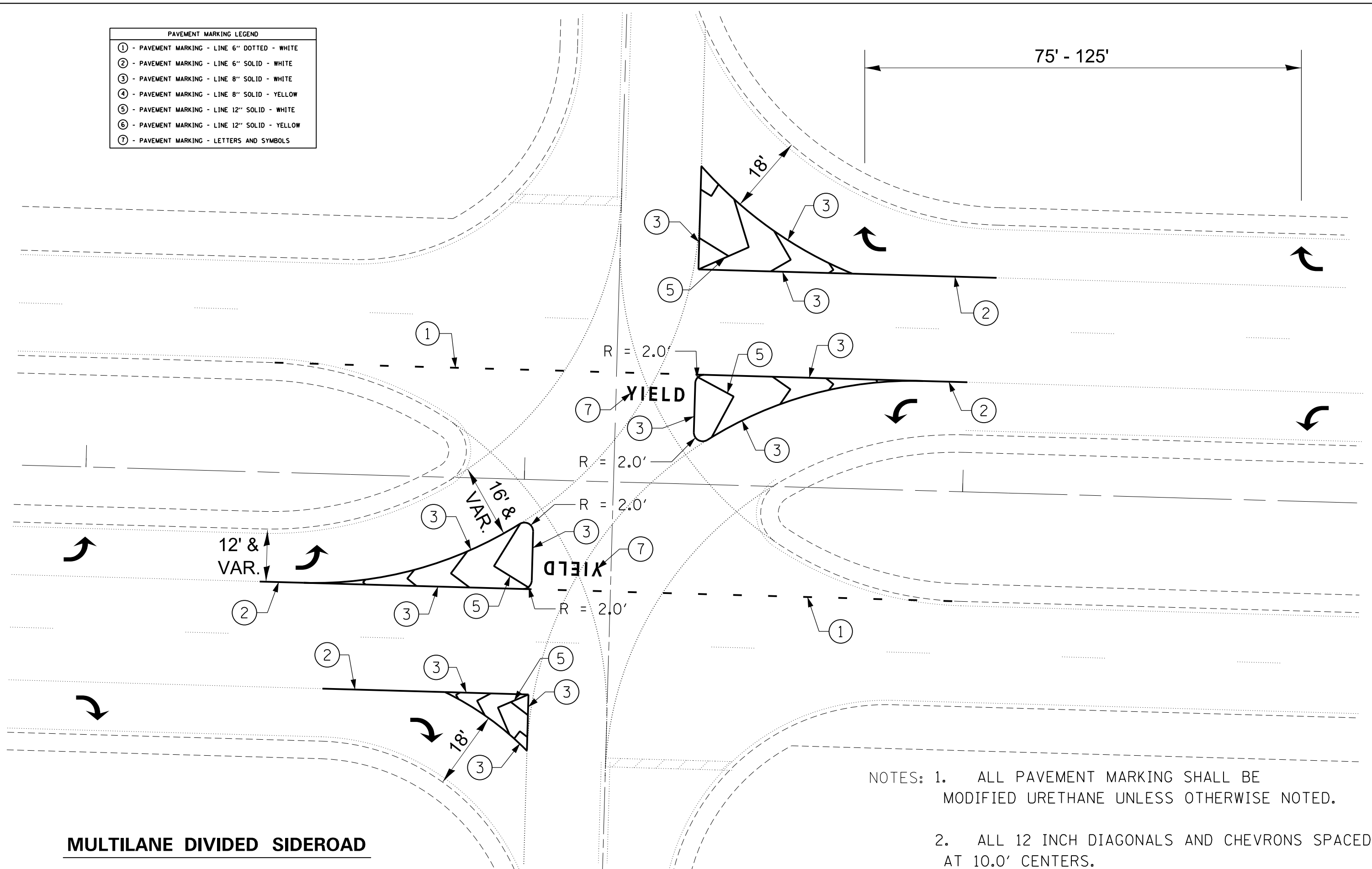
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAILS
TYPICAL PAVEMENT MARKINGS**

SCALE: N.T.S. SHEET 6 OF 8 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	74
CONTRACT NO. 72113			ILLINOIS FED. AID PROJECT	

PAVEMENT MARKING LEGEND	
①	- PAVEMENT MARKING - LINE 6" DOTTED - WHITE
②	- PAVEMENT MARKING - LINE 6" SOLID - WHITE
③	- PAVEMENT MARKING - LINE 8" SOLID - WHITE
④	- PAVEMENT MARKING - LINE 8" SOLID - YELLOW
⑤	- PAVEMENT MARKING - LINE 12" SOLID - WHITE
⑥	- PAVEMENT MARKING - LINE 12" SOLID - YELLOW
⑦	- PAVEMENT MARKING - LETTERS AND SYMBOLS



MULTILANE DIVIDED SIDEROAD

- NOTES: 1. ALL PAVEMENT MARKING SHALL BE MODIFIED URETHANE UNLESS OTHERWISE NOTED.
2. ALL 12 INCH DIAGONALS AND CHEVRONS SPACED AT 10.0' CENTERS.

FILE NAME: c:\yearchung\james\push\transportation\1775\0627113_Sht-details\0627113-D6-pvmt.mk_details.dgn



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	DATE - 12/11/2015	REVISED -

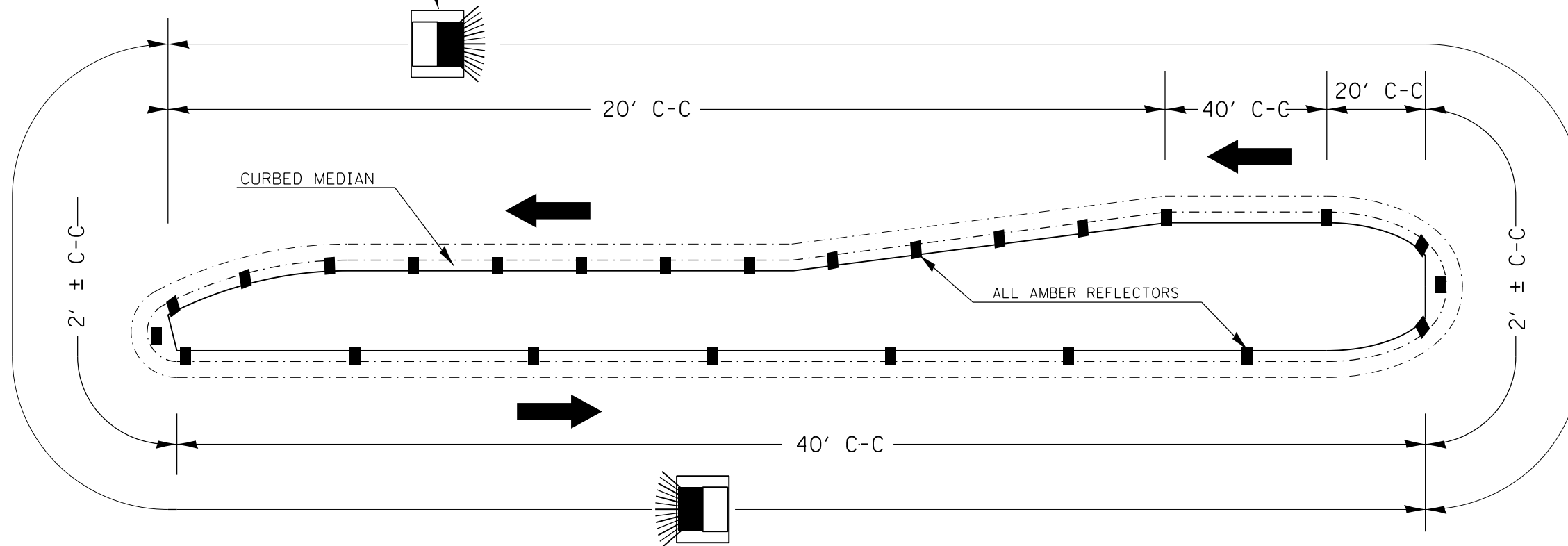
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CONSTRUCTION DETAILS TYPICAL PAVEMENT MARKINGS	
SCALE: N.T.S.	SHEET 8 OF 8 SHEETS STA. TO STA.

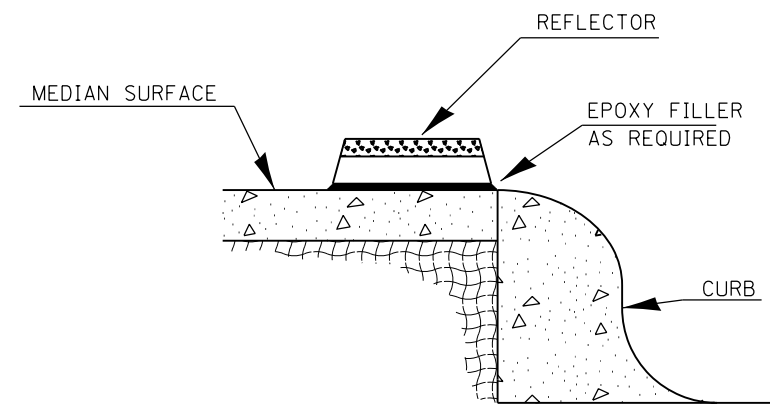
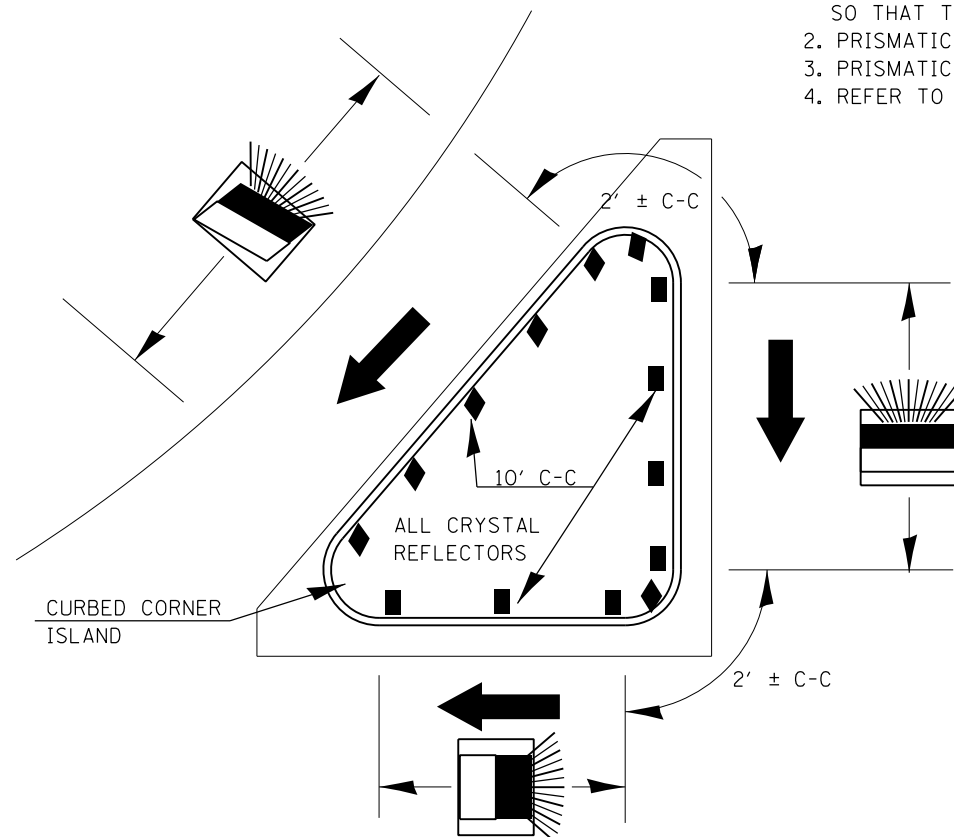
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	75
CONTRACT NO. 72113			ILLINOIS FED. AID PROJECT	

TYPICAL PLACEMENT OF PRISMATIC REFLECTORS ON CURBS

MARKER ORIENTATION WITHIN LIMITS SHOWN

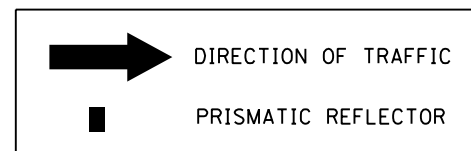


1. PRISMATIC REFLECTORS SHALL BE MONO-DIRECTIONAL AND POSITIONED SO THAT THE REFLECTIVE FACE IS FACING THE APPROACHING TRAFFIC.
2. PRISMATIC REFLECTORS SHALL BE SECURED IN PLACE WITH AN EPOXY ADHESIVE.
3. PRISMATIC REFLECTORS SHALL BE EITHER AMBER OR CRYSTAL IN COLOR.
4. REFER TO SCHEDULES FOR PRISMATIC REFLECTOR QUANTITIES.



SECTION VIEW

LEGEND



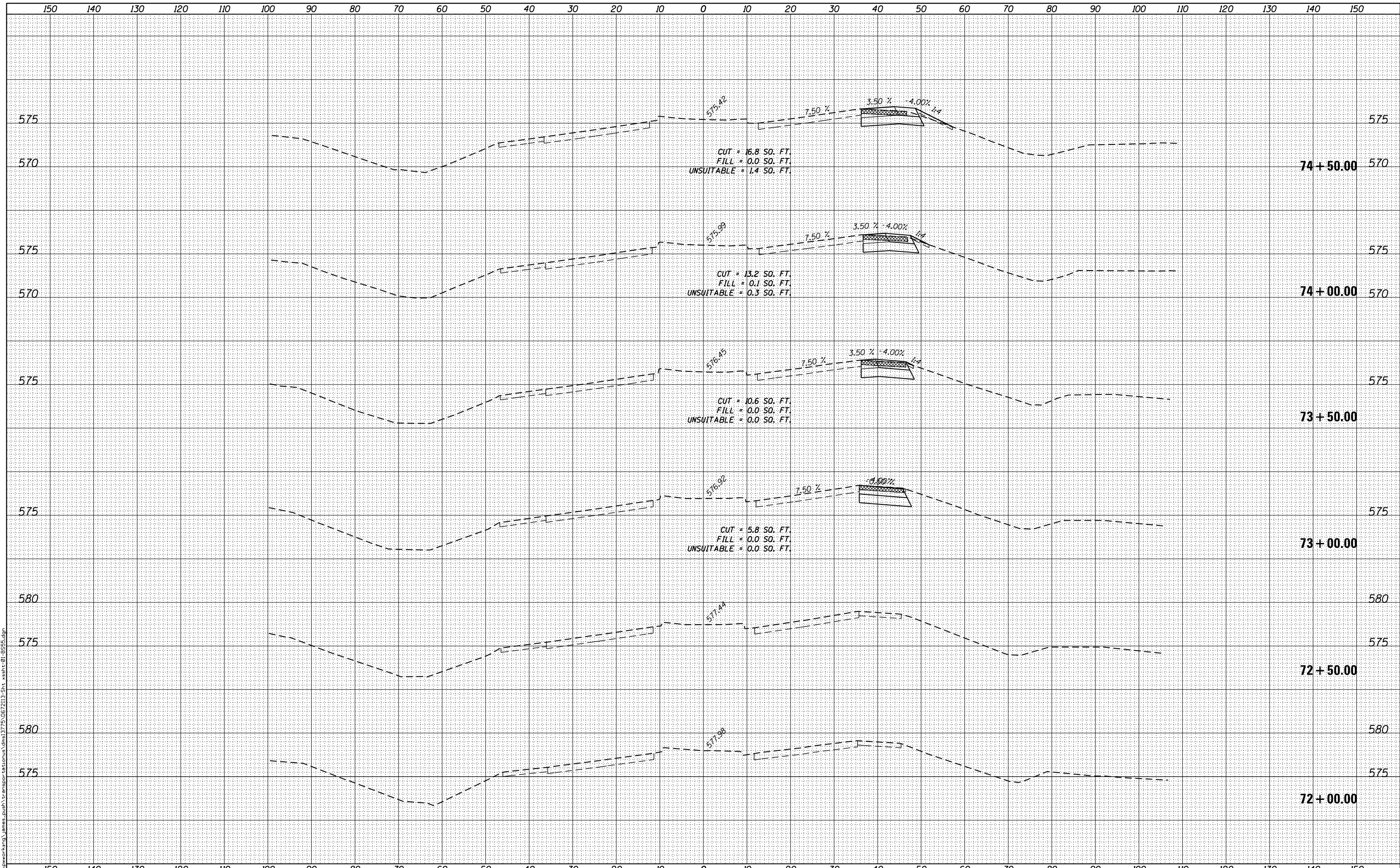
NOT TO SCALE

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	PLOT SCALE = 40.0000' / in.	DRAWN - CAD	REVISED -						LOGAN	127	76		
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		DATE - 1/24/02	REVISED -									ILLINOIS FED. AID PROJECT	

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

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

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PLOT DATE = 12/10/2015	CHECKED -	REVISD -
	DATE - 12/11/2015	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
BUSINESS 55**

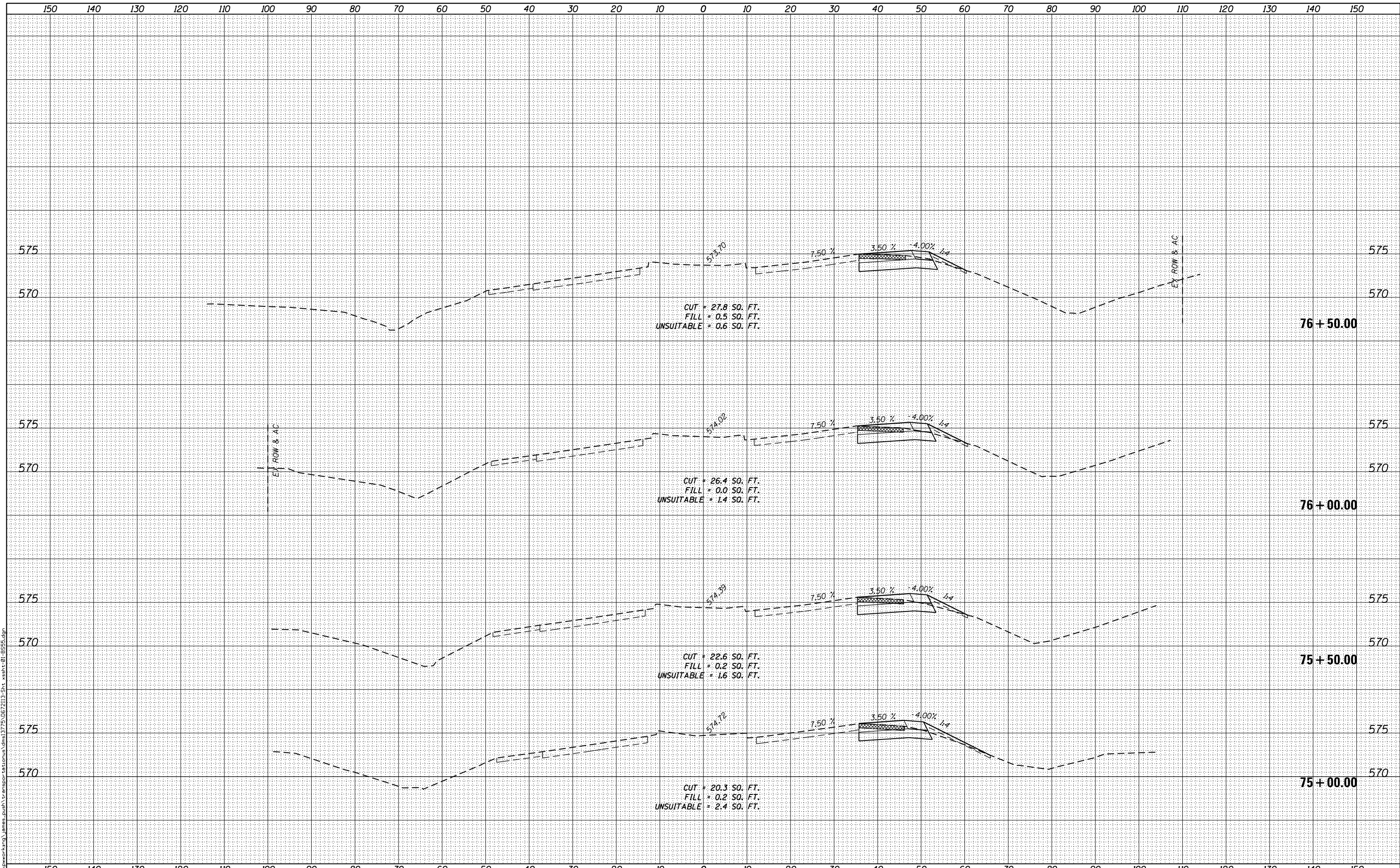
SCALE: 1:10H,5V SHEET 1 OF 10 SHEETS STA. 72+00.00 TO STA. 74+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	77
			CONTRACT NO. 72113	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

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PLOT DATE = 12/10/2015	DATE - 12/11/2015	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

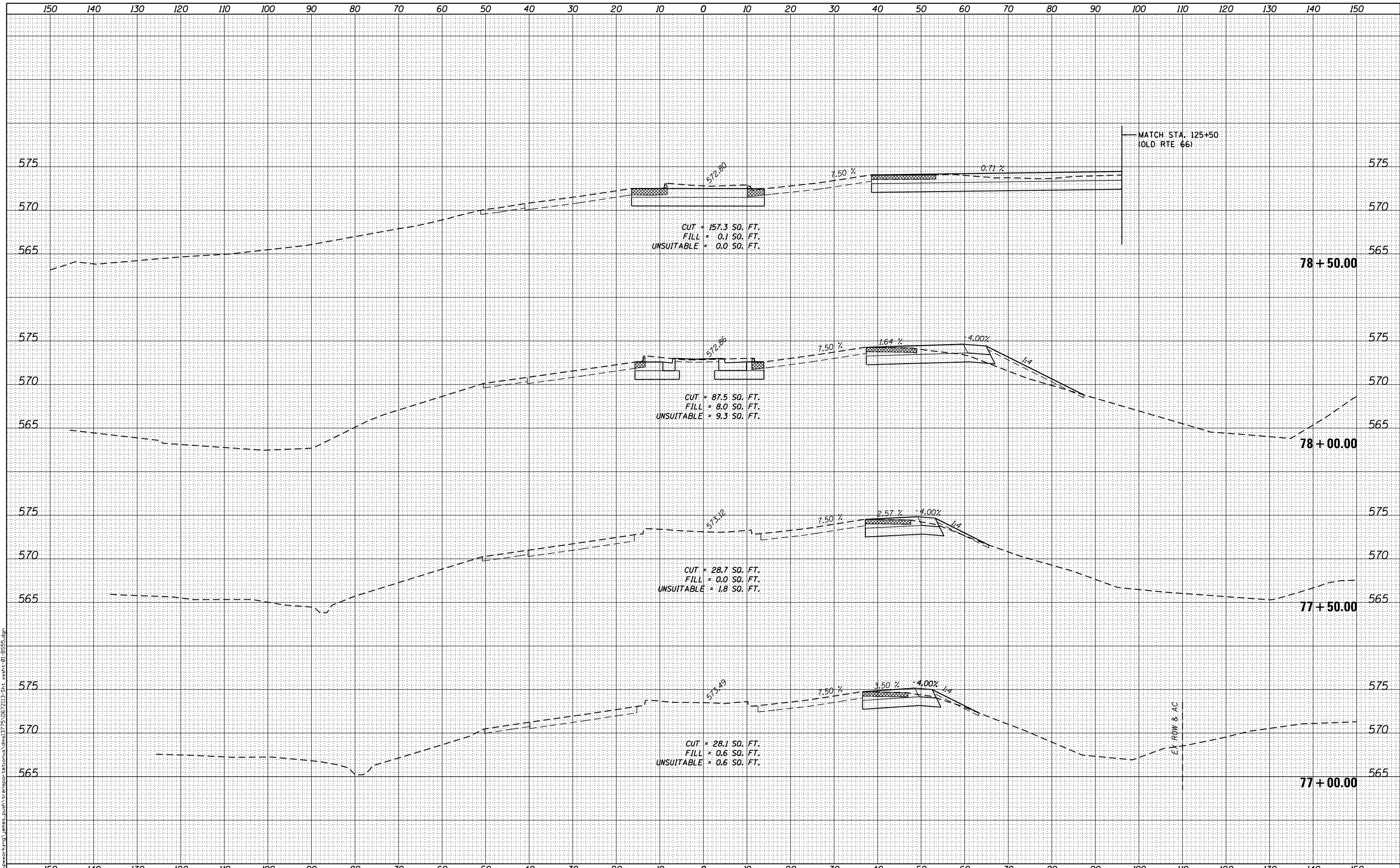
CROSS SECTIONS
BUSINESS 55
SCALE: 1:10H,5V SHEET 2 OF 10 SHEETS STA. 75+00.00 TO STA. 76+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	78
				CONTRACT NO. 72113
ILLINOIS FED. AID PROJECT				

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

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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	DATE - 12/11/2015	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BUSINESS 55
SCALE: 1:10H,5V SHEET 3 OF 10 SHEETS STA. 77+00.00 TO STA. 78+50.00

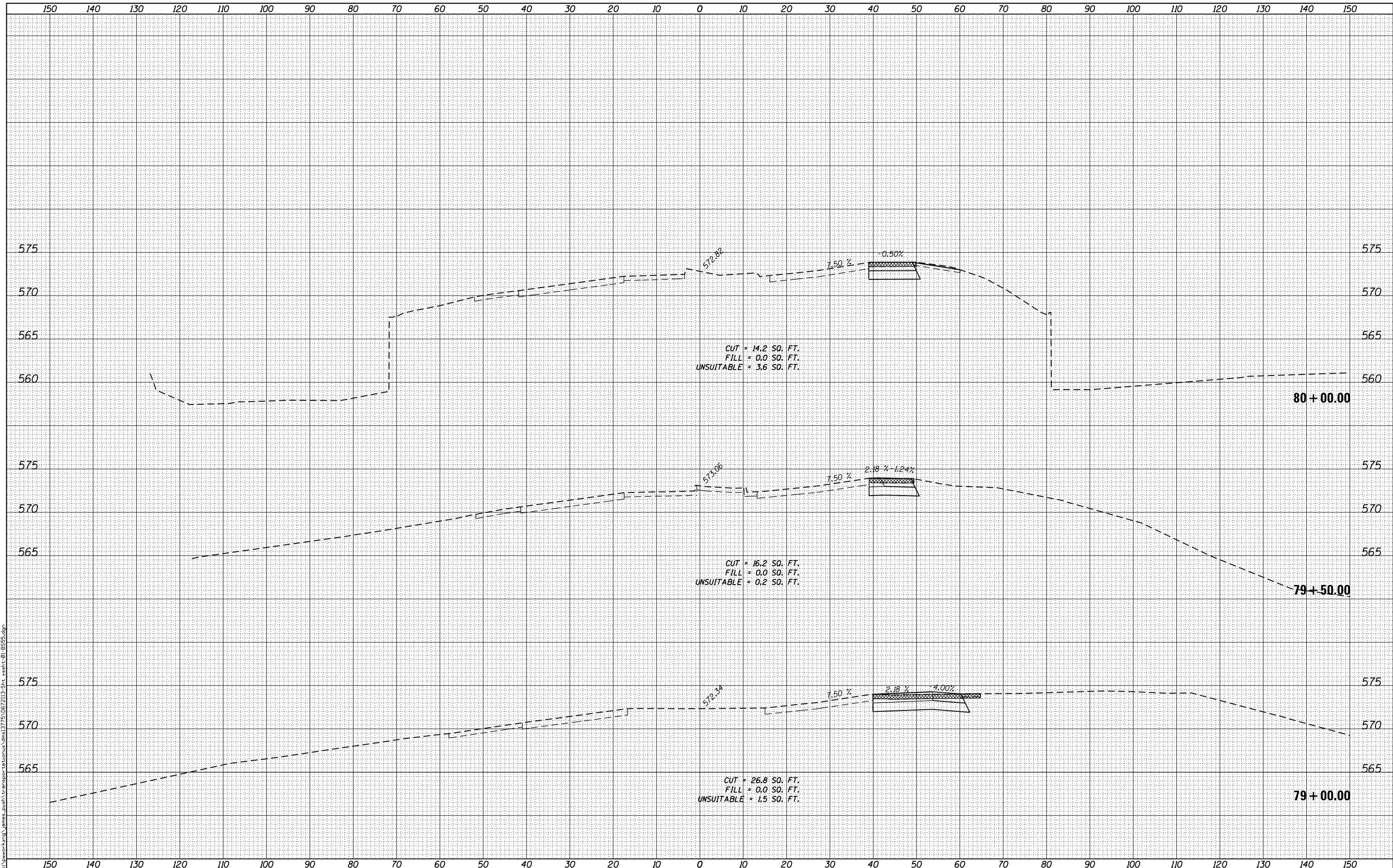
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	79
				CONTRACT NO. 72113

ILLINOIS FED. AID PROJECT

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

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

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PLOT SCALE = 20.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/10/2015	CHECKED -	REVISED -
	DATE = 12/11/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
BUSINESS 55**

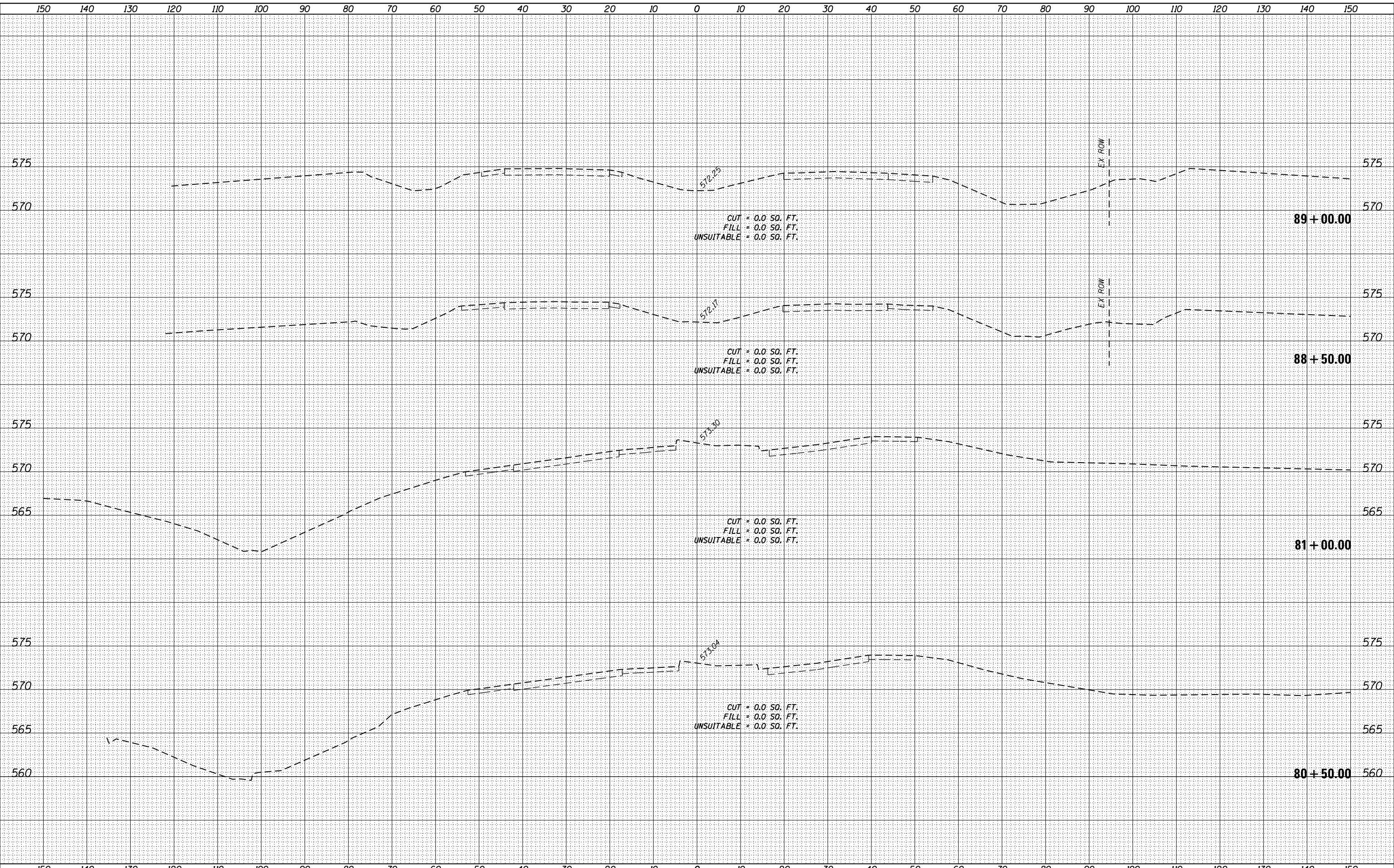
SCALE: 1:10H,5V SHEET 4 OF 10 SHEETS STA. 79+00.00 TO STA. 80+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	80
				CONTRACT NO. 72113
ILLINOIS FED. AID PROJECT				

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 = c:\working\james.push\transportation\demis\75\06\2113-Sht_xsh1-01-B555.dgn



USER NAME = james.push	DESIGNED -	REVISIED -
PLOT SCALE = 20.0000' / in.	DRAWN -	REVISIED -
PLOT DATE = 12/10/2015	CHECKED -	REVISIED -
	DATE - 12/11/2015	REVISIED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

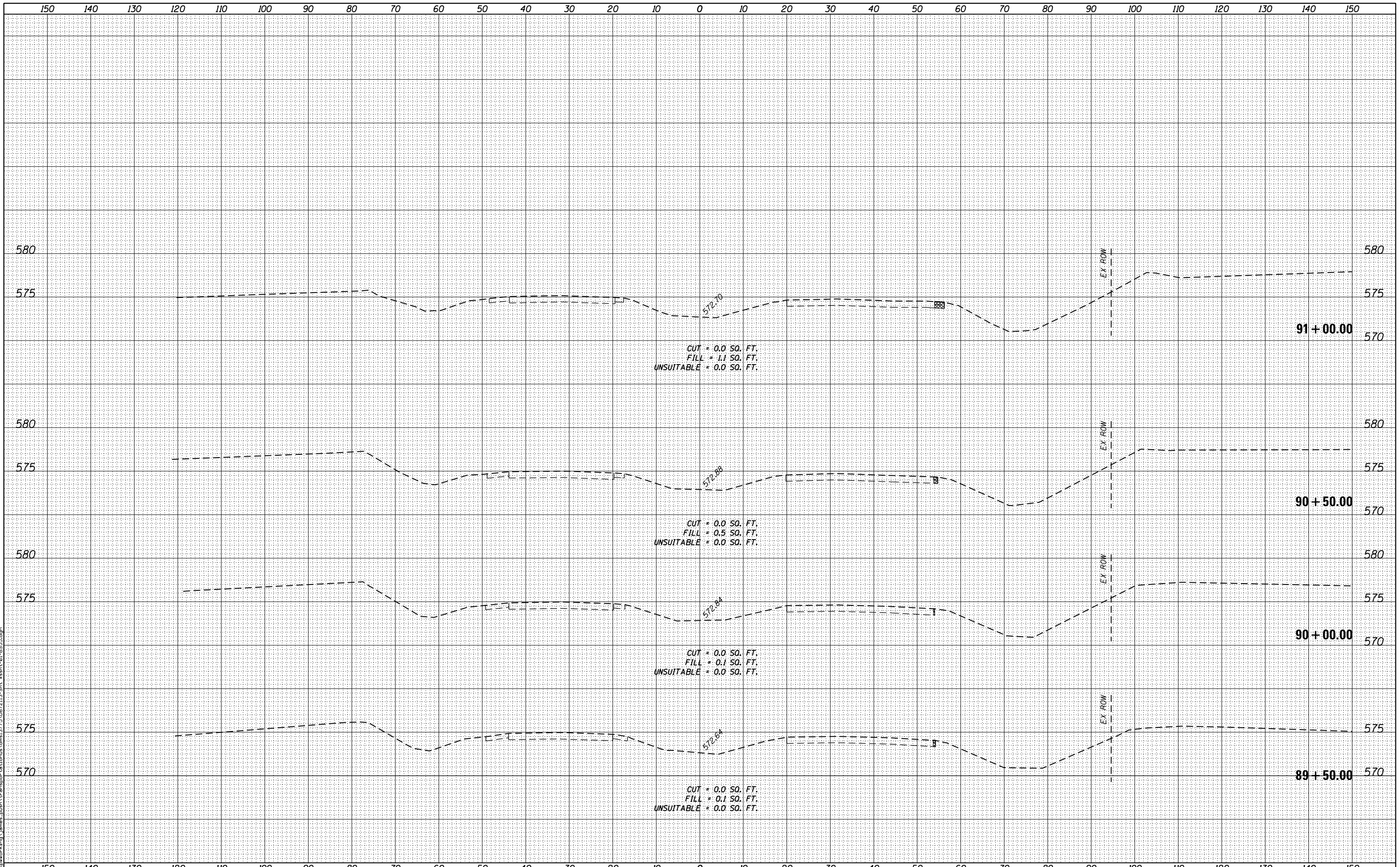
CROSS SECTIONS BUSINESS 55			
SCALE: 1:10H,5V	SHEET 5	OF 10 SHEETS	STA. 80+50.00 TO STA. 89+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	81
				CONTRACT NO. 72113
ILLINOIS FED. AID PROJECT				

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

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

FILE NAME = c:\work\img\james_push\transport\stamoa\dms1375\067213-Sht_xsht-01-B555.dgn



USER NAME = james_push	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/10/2015	CHECKED -	REVISED -
	DATE - 12/11/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

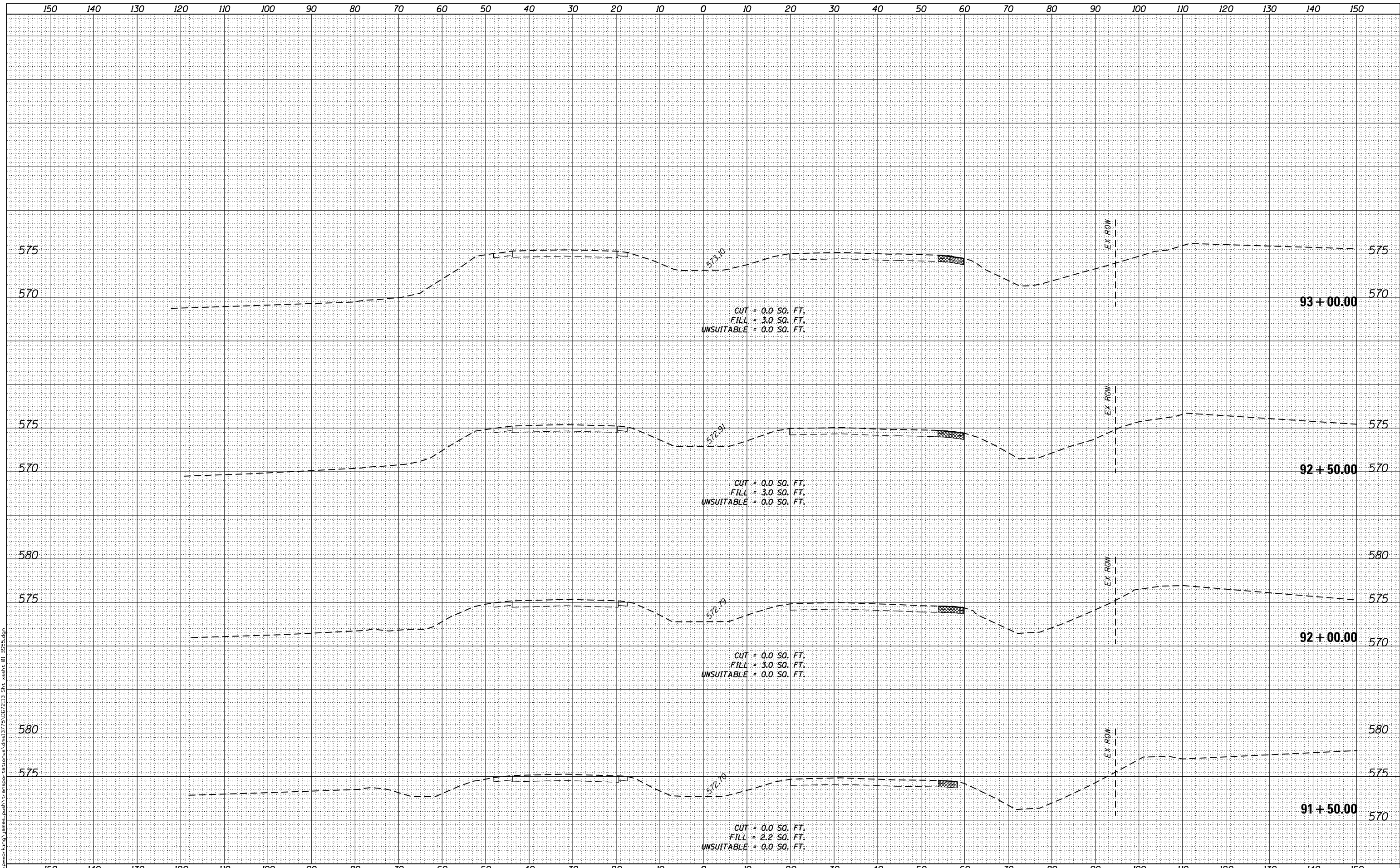
**CROSS SECTIONS
BUSINESS 55**
SCALE: 1:10H,5V SHEET 6 OF 10 SHEETS STA. 89+50.00 TO STA. 91+00.00

F.A.S. RTE. 1771A	SECTION D6 2015-7HSRR	COUNTY LOGAN	TOTAL SHEETS 127	SHEET NO. 82
CONTRACT NO. 72113				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 = c:\working\james.push\transport\stadium.dwg(17/5/06/21/3-Sht_xsh.t-0)-B555.dgn



USER NAME = james.push	DESIGNED -	REVISD -
PLOT SCALE = 20.0000' / in.	DRAWN -	REVISD -
PLOT DATE = 12/10/2015	CHECKED -	REVISD -
	DATE = 12/11/2015	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BUSINESS 55
SCALE: 1:10H,5V SHEET 7 OF 10 SHEETS STA. 91+50.00 TO STA. 93+00.00

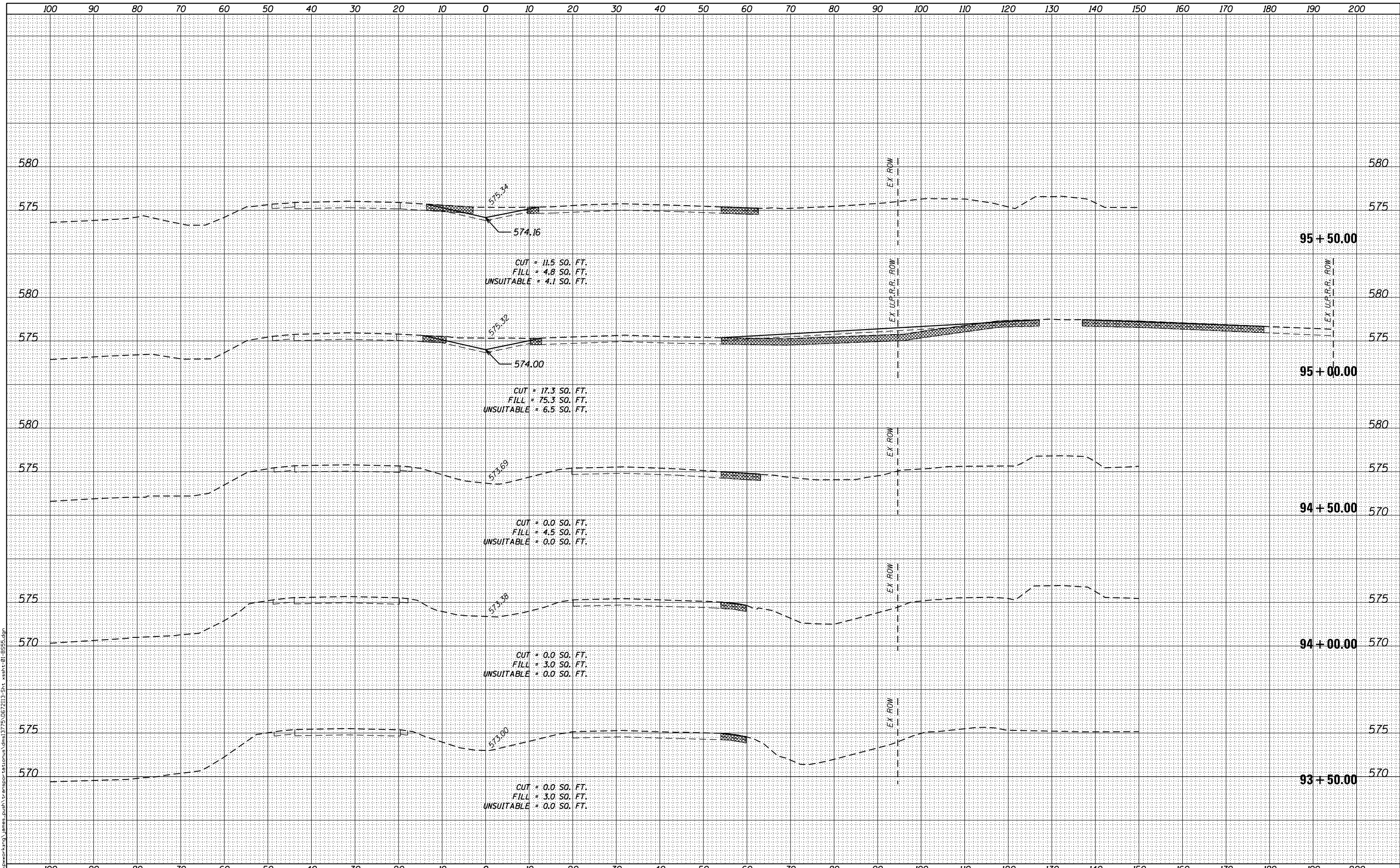
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	83
				CONTRACT NO. 72113

ILLINOIS FED. AID PROJECT

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
NOTED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
NOTED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

FILE NAME = c:\working\james.push\transport\stamus\dms1375\067213-Sht xsht-01-B555.dgn



USER NAME = james.push	DESIGNED -	REVISD -
PLOT SCALE = 20.0000' / in.	DRAWN -	REVISD -
PLOT DATE = 12/10/2015	CHECKED -	REVISD -
	DATE = 12/11/2015	REVISD -

DESIGNED -	REVISD -
DRAWN -	REVISD -
CHECKED -	REVISD -
DATE = 12/11/2015	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

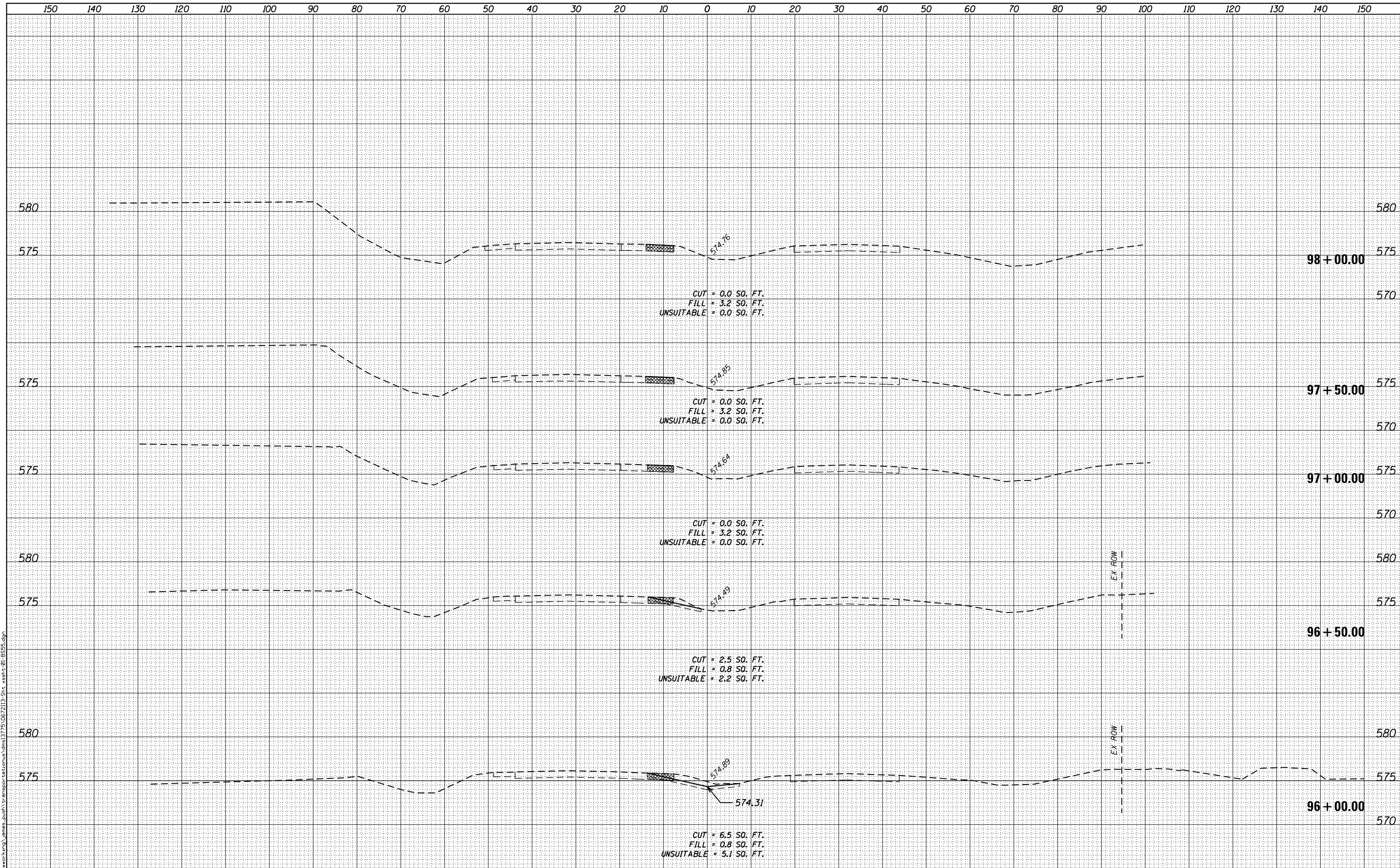
CROSS SECTIONS
BUSINESS 55
SCALE: 1:10H,5V SHEET 8 OF 10 SHEETS STA. 93+50.00 TO STA. 95+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	84
			CONTRACT NO. 72113	
ILLINOIS FED. AID PROJECT				

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

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

FILE NAME = c:\working\james.push\transportation\dem\3775\06\2113-Sht_xsh.txd-B555.dgn



USER NAME = james.push	DESIGNED -	REVISD -
PLOT SCALE = 20.0000' / in.	DRAWN -	REVISD -
PLOT DATE = 12/10/2015	CHECKED -	REVISD -
	DATE = 12/11/2015	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
BUSINESS 55**

SCALE: 1:10H,5V SHEET 9 OF 10 SHEETS STA. 96+00.00 TO STA. 98+00.00

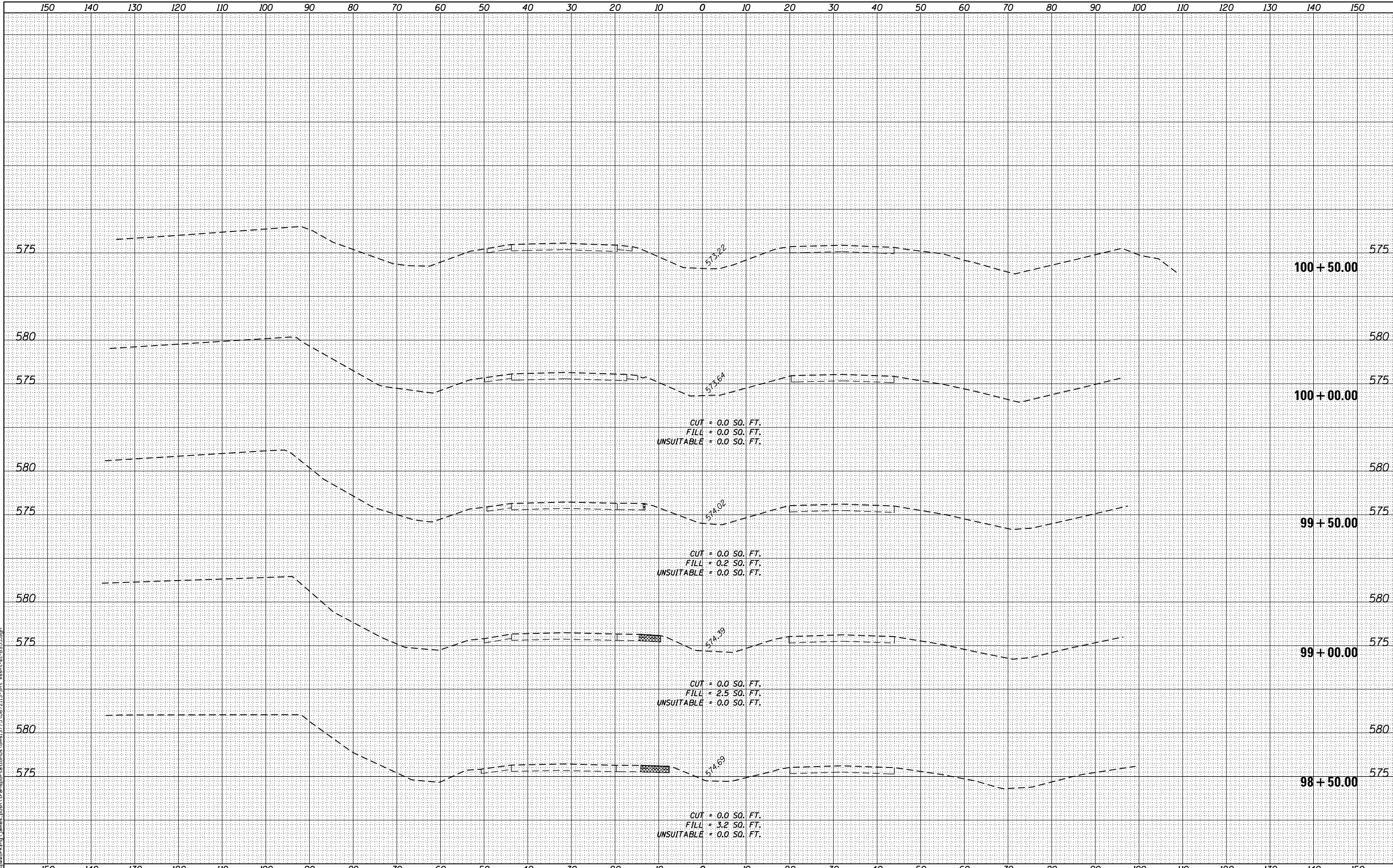
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	85
			CONTRACT NO. 72113	

ILLINOIS FED. AID PROJECT

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

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

FILE NAME = c:\working\james_push\transport\stamus\dms1375\06\2113-Sht_xsahz-01-B555.dgn



USER NAME = james_push	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/10/2015	DATE = 12/11/2015	REVISED -

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE = 12/11/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
BUSINESS 55**
SCALE: 1:10H,5V SHEET 10 OF 10 SHEETS STA. 98+50.00 TO STA. 100+50.00

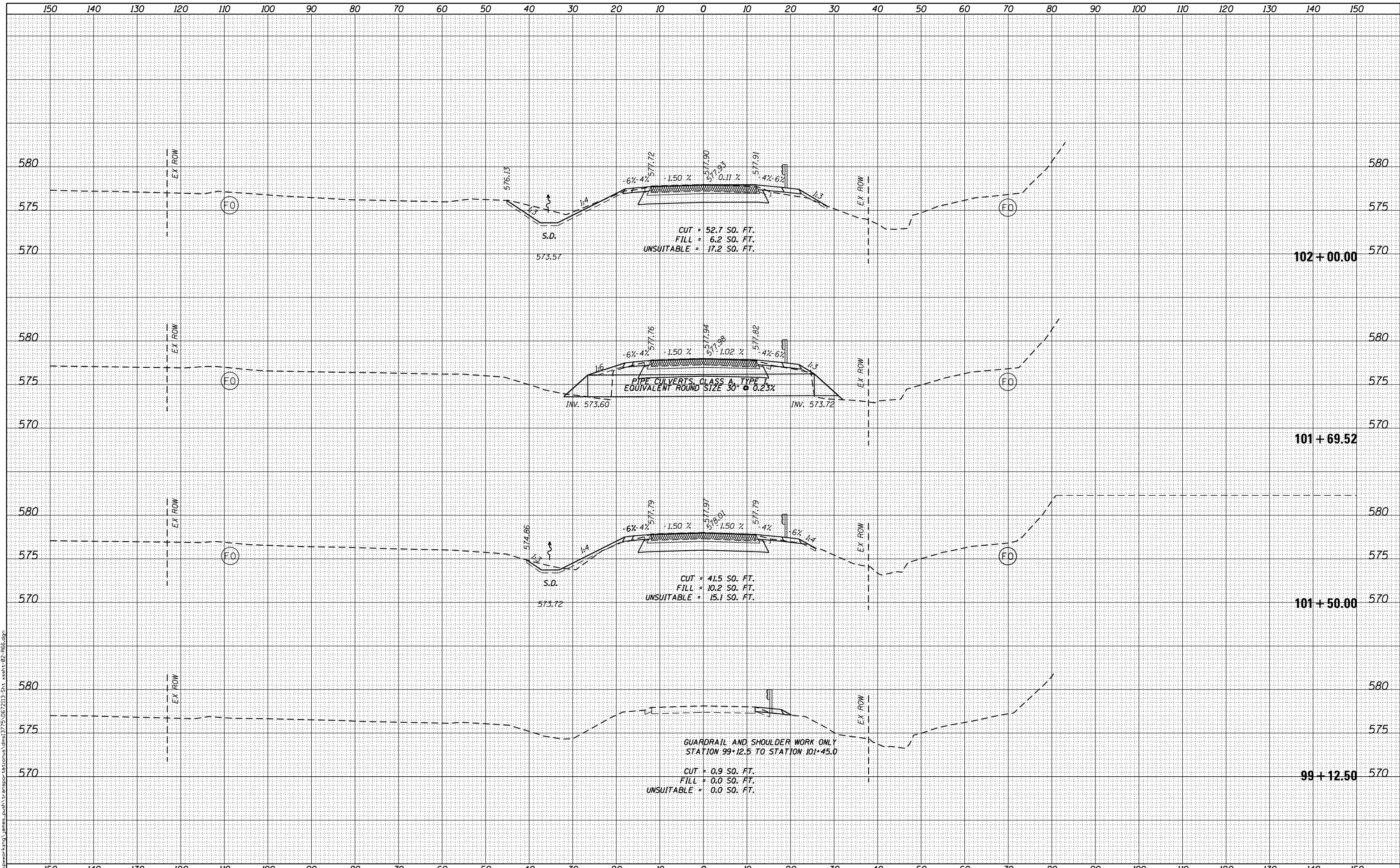
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	86
			CONTRACT NO. 72113	

ILLINOIS FED. AID PROJECT

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

FILE NAME = c:\working\james\push\transportation\1775\06\2113-Sht_xsh1-02-166.dgn



USER NAME = james.push	DESIGNED -	REVISD -
	DRAWN -	REVISD -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISD -
PLOT DATE = 12/10/2015	DATE - 12/11/2015	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

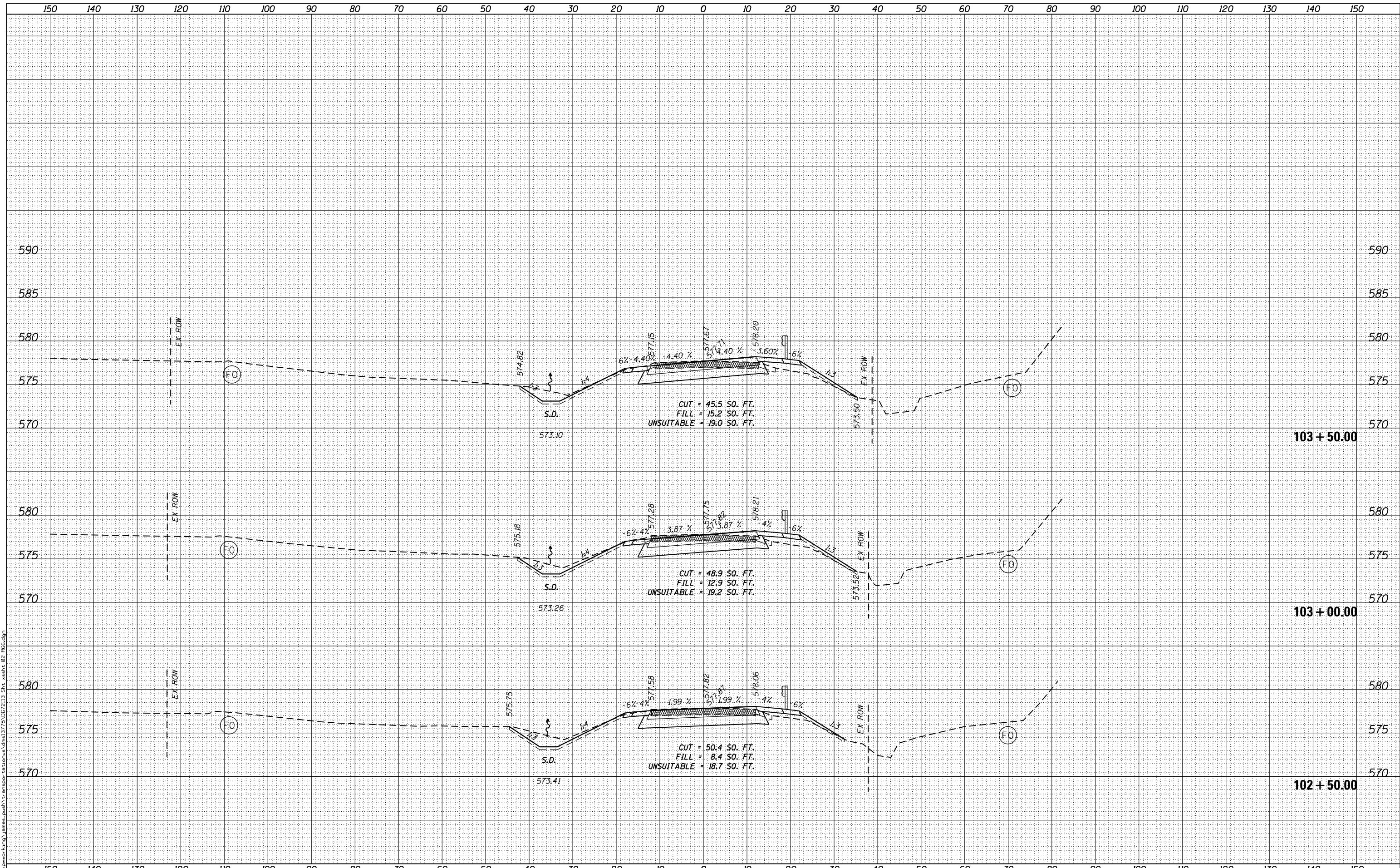
CROSS SECTIONS
OLD ROUTE 66
SCALE: 1:10H,5V SHEET 1 OF 22 SHEETS STA. 101+00.00 TO STA. 102+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	87
				CONTRACT NO. 72113
ILLINOIS FED. AID PROJECT				

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 = c:\working\james\push\transport\stamusa\dms1375\067213-Sht_xsh1-02-066.dgn



USER NAME = james.push	DESIGNED -	REVISD -
	DRAWN -	REVISD -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISD -
PLOT DATE = 12/10/2015	DATE - 12/11/2015	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

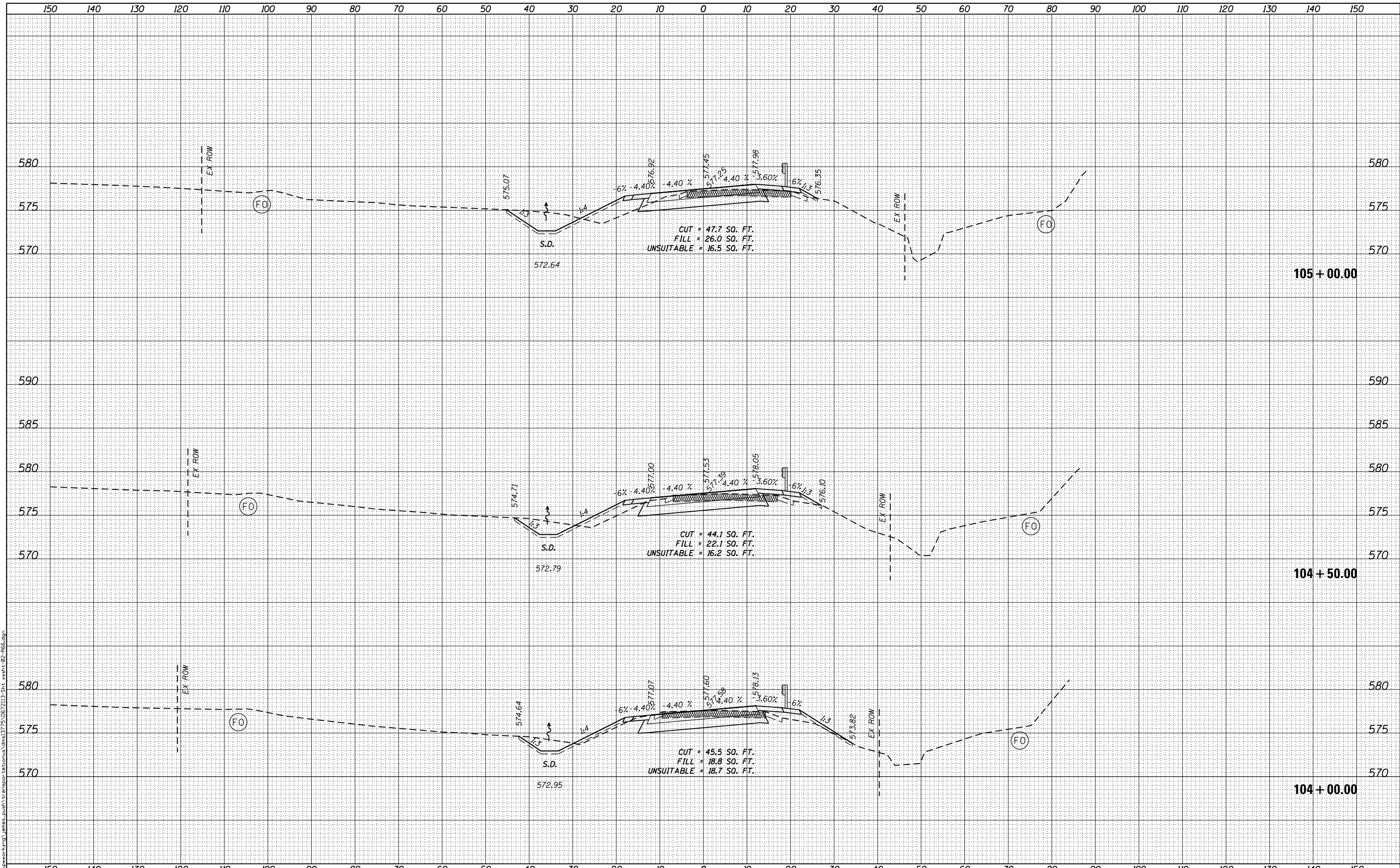
CROSS SECTIONS
OLD ROUTE 66
SCALE: 1:10H,5V SHEET 2 OF 22 SHEETS STA. 102+50.00 TO STA.103+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	88
				CONTRACT NO. 72113
ILLINOIS FED. AID PROJECT				

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 = c:\working\james_push\transportation\175\067213-Sht_xsh1-02-166.dgn



USER NAME = james_push	DESIGNED -	REVISD -
PLOT SCALE = 20.0000' / in.	DRAWN -	REVISD -
PLOT DATE = 12/10/2015	CHECKED -	REVISD -
	DATE = 12/11/2015	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
OLD ROUTE 66
SCALE: 1:10H,5V SHEET 3 OF 22 SHEETS STA. 104+00.00 TO STA. 105+00.00

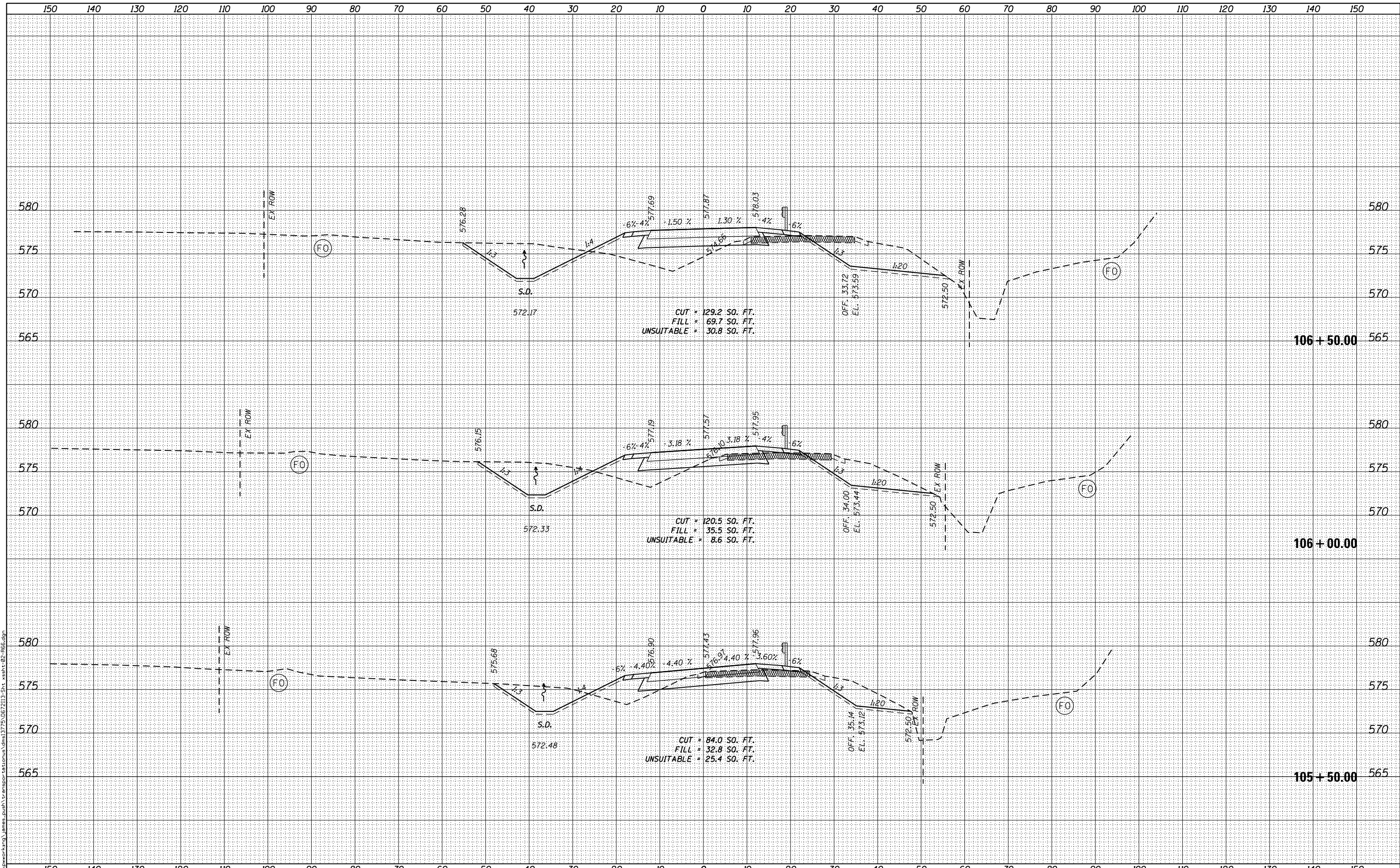
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	89
			CONTRACT NO. 72113	

ILLINOIS FED. AID PROJECT

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

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

FILE NAME = c:\working\james.push\transport\staplanus\dms1375\067213-Sht_xsh-02-066.dgn



USER NAME = james.push	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/10/2015	CHECKED -	REVISED -
	DATE = 12/11/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
OLD ROUTE 66**

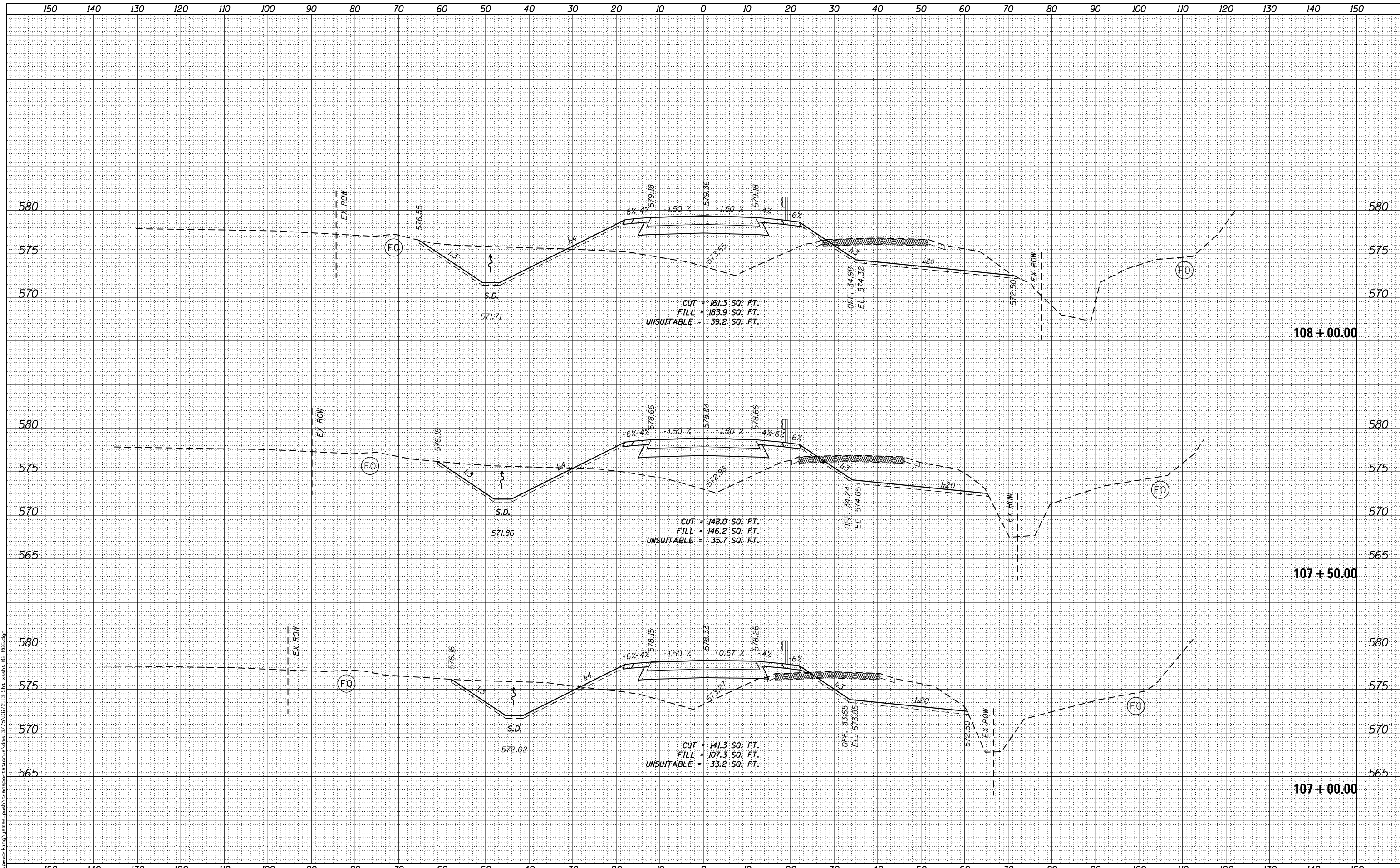
SCALE: 1:10H,5V SHEET 4 OF 22 SHEETS STA. 105+50.00 TO STA.106+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	90
			CONTRACT NO. 72113	
ILLINOIS FED. AID PROJECT				

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

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

FILE NAME = c:\working\james.push\transport\stomus\dms1375\067213-Sht_xsh-02-066.dgn



USER NAME = james.push	DESIGNED -	REVISD -
	DRAWN -	REVISD -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISD -
PLOT DATE = 12/10/2015	DATE = 12/11/2015	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

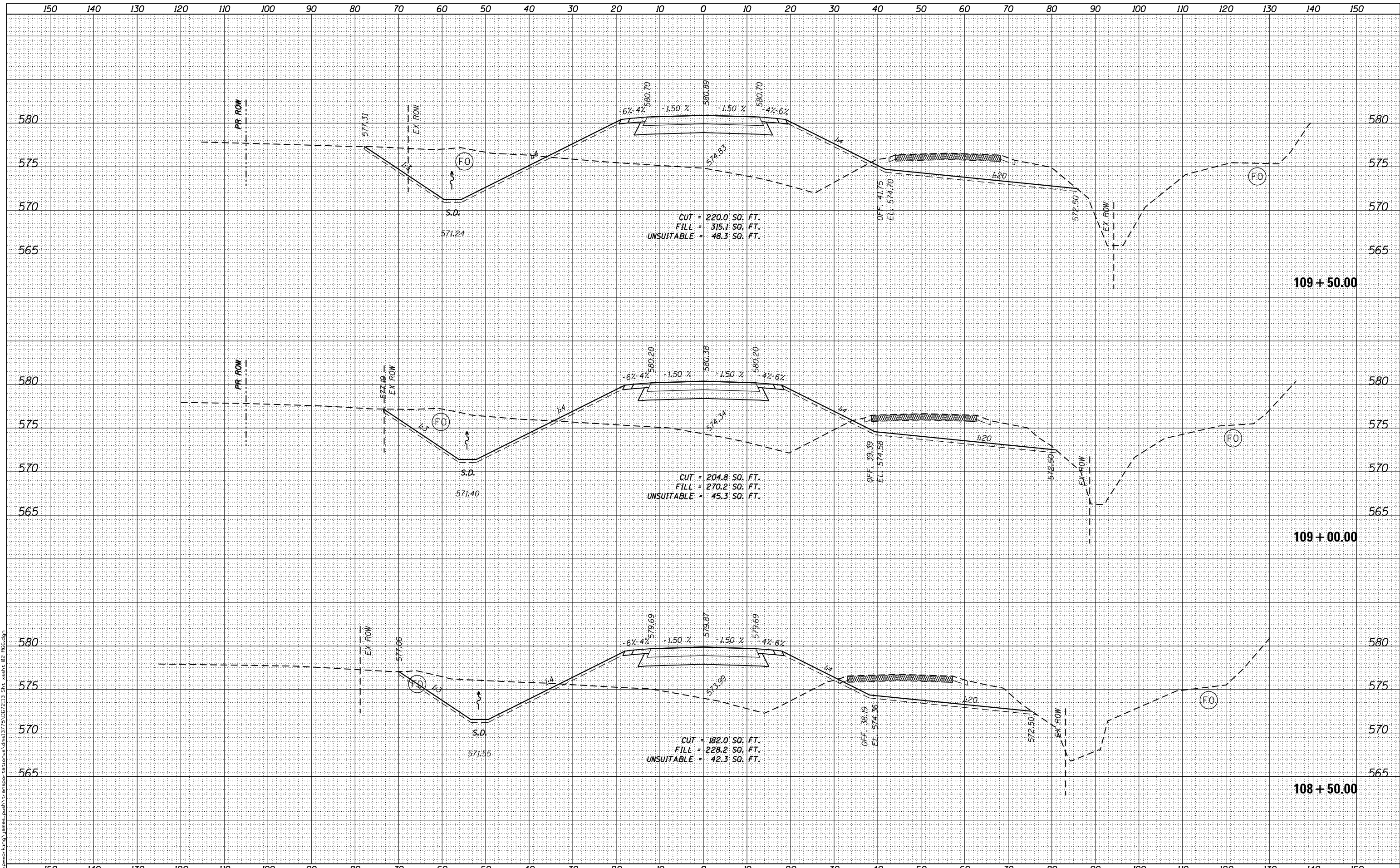
CROSS SECTIONS
OLD ROUTE 66
SCALE: 1:10H,5V SHEET 5 OF 22 SHEETS STA. 107+00.00 TO STA. 108+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	91
				CONTRACT NO. 72113
ILLINOIS FED. AID PROJECT				

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

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

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USER NAME = james.push	DESIGNED -	REVISD -
	DRAWN -	REVISD -
	CHECKED -	REVISD -
	DATE - 12/11/2015	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

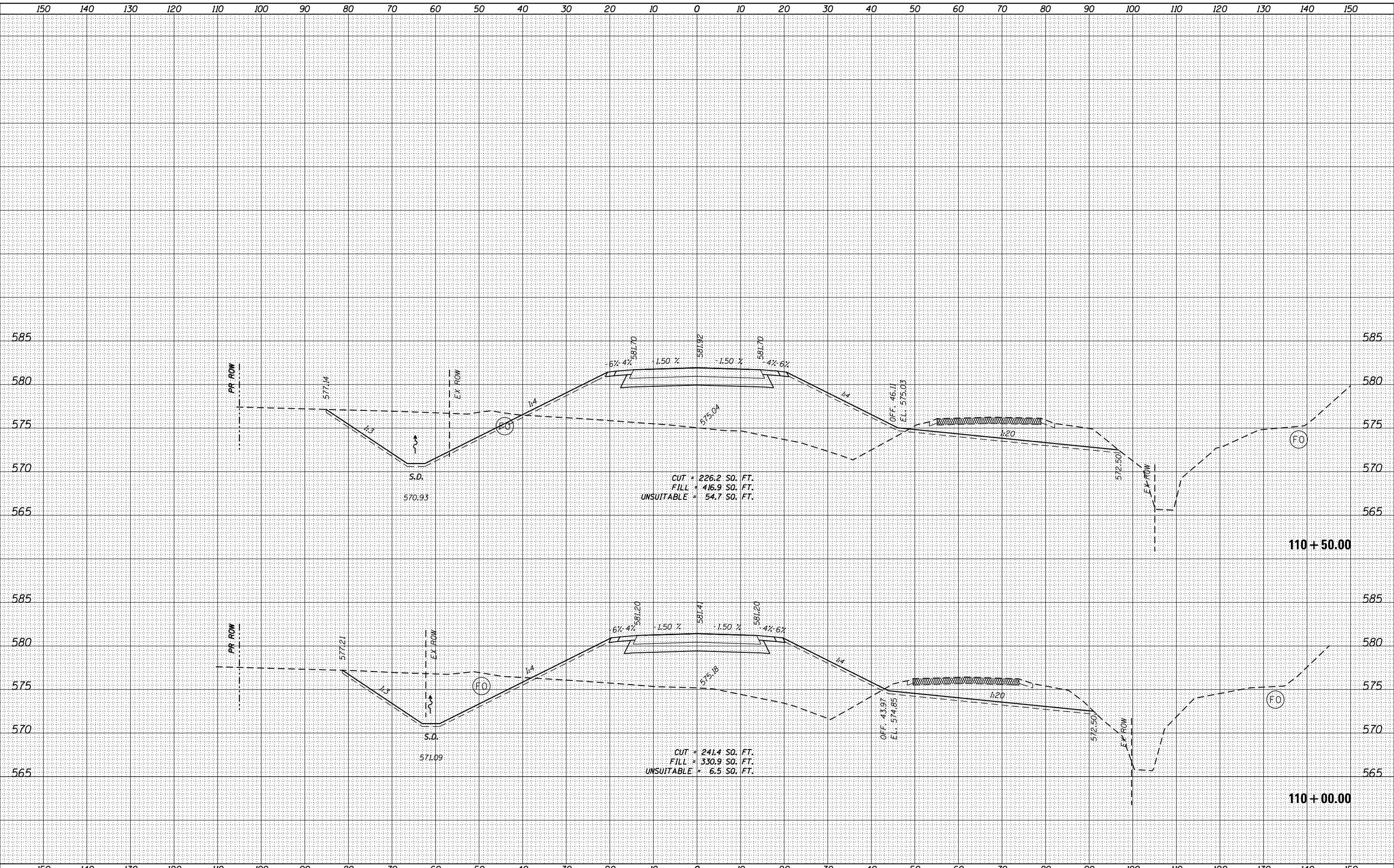
CROSS SECTIONS OLD ROUTE 66			
SCALE: 1:10H,5V	SHEET 6	OF 22 SHEETS	STA. 108+50.00 TO STA.109+50.00

F.A.S. RTE. 1771A	SECTION D6 2015-7HSRR	COUNTY LOGAN	TOTAL SHEETS 127	SHEET NO. 92
CONTRACT NO. 72113				ILLINOIS FED. AID PROJECT

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

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

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USER NAME = james_push	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/10/2015	DATE = 12/11/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

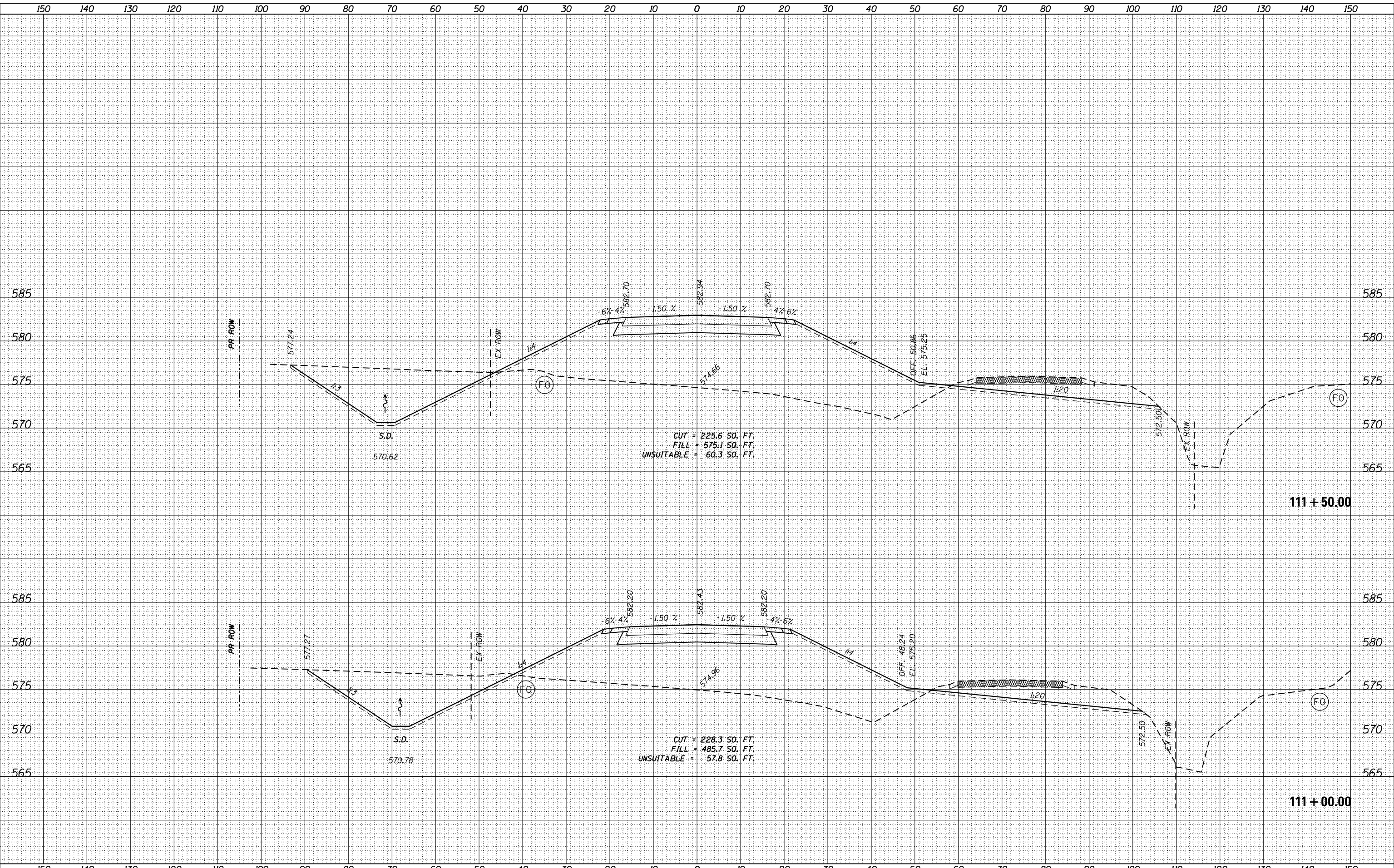
CROSS SECTIONS OLD ROUTE 66	
SCALE: 1:10H,5V	SHEET 7 OF 22 SHEETS
STA. 110+00.00 TO STA. 110+50.00	

F.A.S. RTE. 1771A	SECTION D6 2015-7HSRR	COUNTY LOGAN	TOTAL SHEETS 127	SHEET NO. 93
CONTRACT NO. 72113				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

FILE NAME = c:\working\james_push\transportation\1775\067213-Sht_xsh-02-166.dgn



USER NAME = james_push	DESIGNED -	REVISIED -
	DRAWN -	REVISIED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISIED -
PLOT DATE = 12/10/2015	DATE = 12/11/2015	REVISIED -

DESIGNED -	REVISIED -
DRAWN -	REVISIED -
CHECKED -	REVISIED -
DATE = 12/11/2015	REVISIED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
OLD ROUTE 66

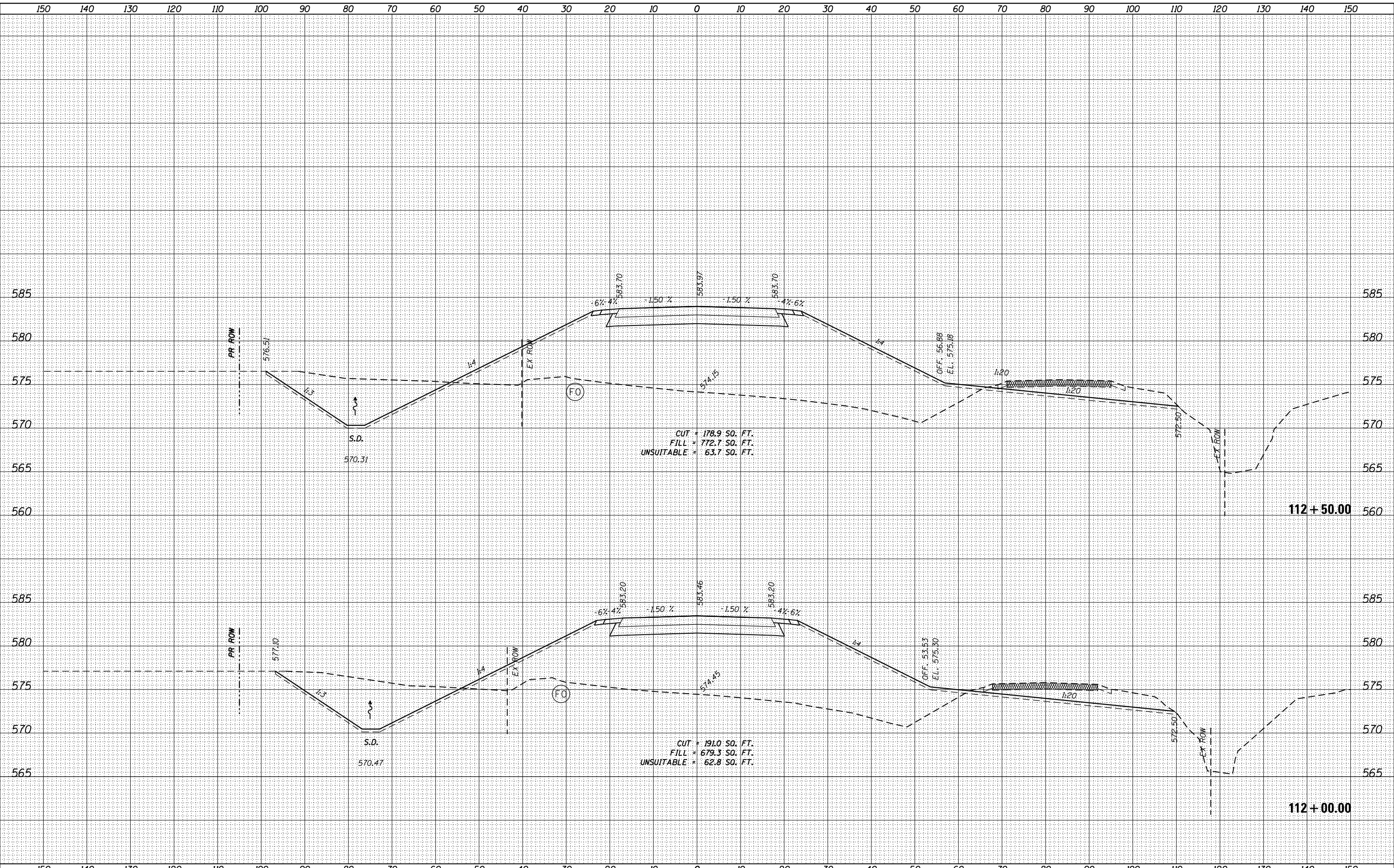
SCALE: 1:10H,5V SHEET 8 OF 22 SHEETS STA. 111+00.00 TO STA. 111+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	94
			CONTRACT NO. 72113	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

FILE NAME = c:\working\james_push\transport\stomus\1375\067213-Sht_xsh1-02-166.dgn



USER NAME = james_push	DESIGNED -	REVISD -
PLOT SCALE = 20.0000' / in.	DRAWN -	REVISD -
PLOT DATE = 12/10/2015	CHECKED -	REVISD -
	DATE = 12/11/2015	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

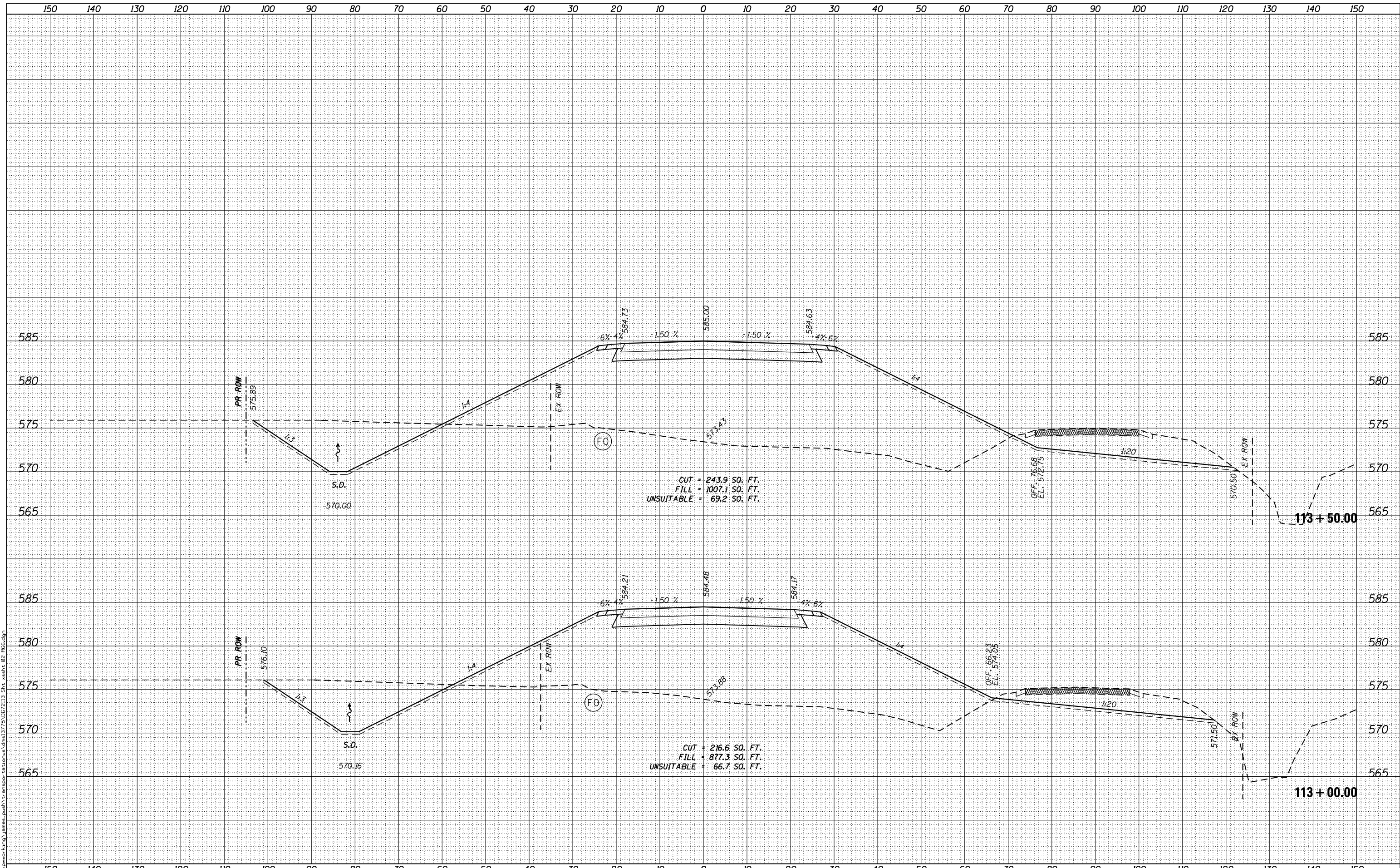
CROSS SECTIONS
OLD ROUTE 66
SCALE: 1:10H,5V SHEET 9 OF 22 SHEETS STA. 112+00.00 TO STA. 112+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	95
				CONTRACT NO. 72113
ILLINOIS FED. AID PROJECT				

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 = c:\working\james_push\transportation\1375\067213-Sht_xsh1-02-166.dgn



USER NAME = james_push	DESIGNED -	REVISD -
	DRAWN -	REVISD -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISD -
PLOT DATE = 12/10/2015	DATE - 12/11/2015	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

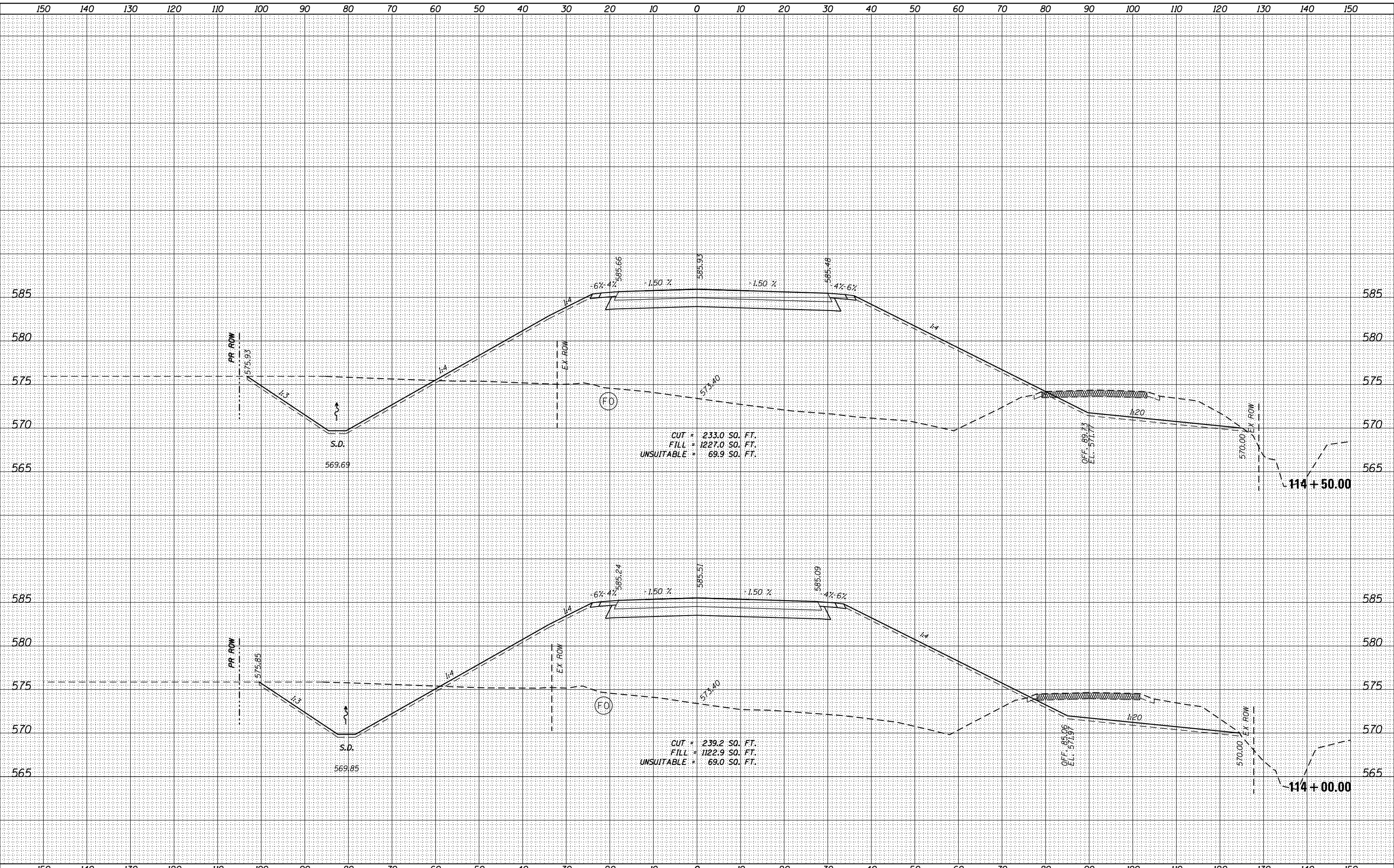
CROSS SECTIONS
OLD ROUTE 66
SCALE: 1:10H,5V SHEET 10 OF 22 SHEETS STA. 113+00.00 TO STA. 113+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	96
				CONTRACT NO. 72113
ILLINOIS FED. AID PROJECT				

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 = c:\working\james_push\transportation\1775\067213-Sht_xsh1-02-166.dgn



CUT = 233.0 SQ. FT.
 FILL = 1227.0 SQ. FT.
 UNSUITABLE = 69.9 SQ. FT.

CUT = 239.2 SQ. FT.
 FILL = 1122.9 SQ. FT.
 UNSUITABLE = 69.0 SQ. FT.



USER NAME = james_push	DESIGNED -	REVISD -
PLOT SCALE = 20.0000' / in.	DRAWN -	REVISD -
PLOT DATE = 12/10/2015	CHECKED -	REVISD -
	DATE = 12/11/2015	REVISD -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

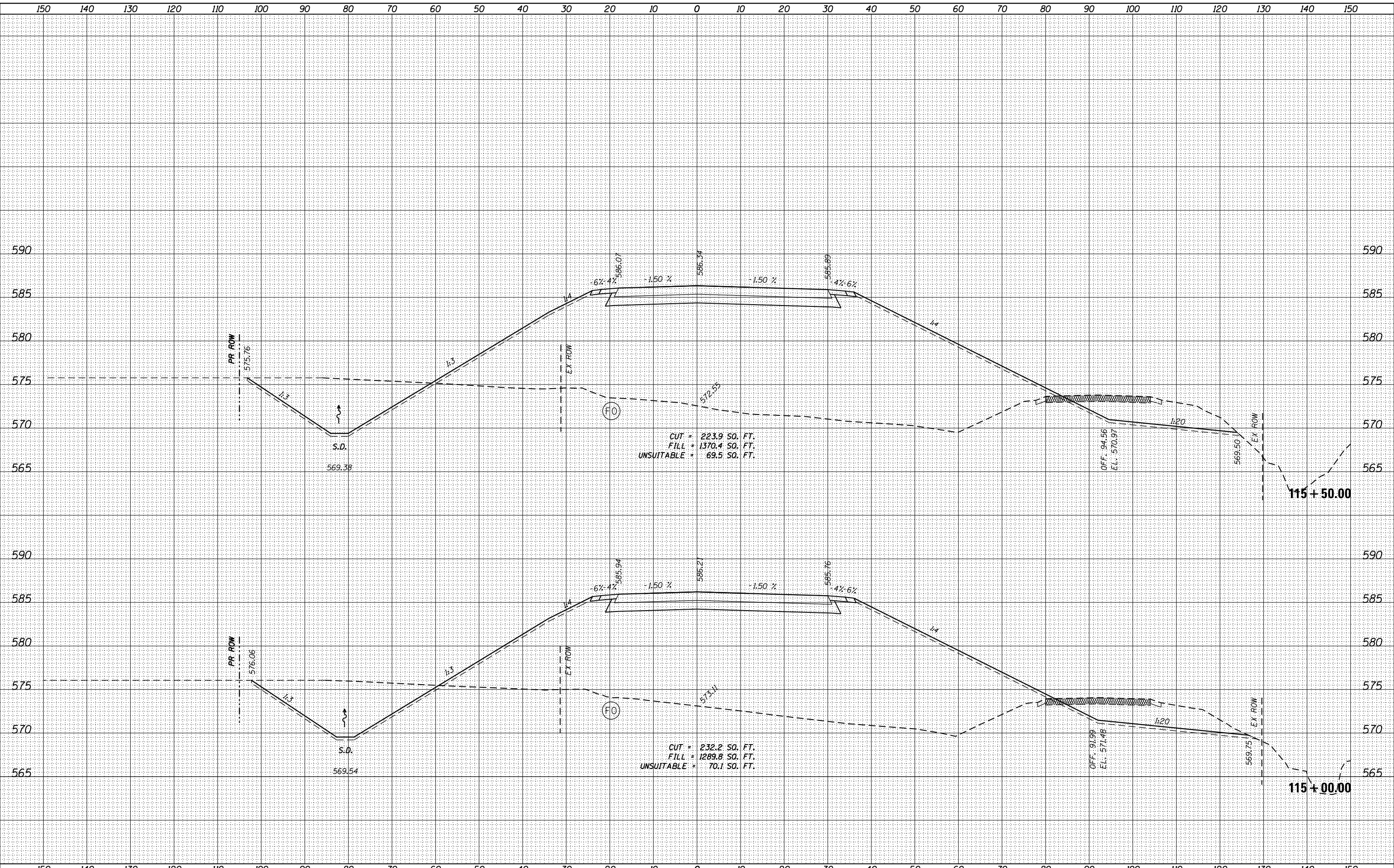
CROSS SECTIONS
 OLD ROUTE 66
 SCALE: 1:10H,5V SHEET 11 OF 22 SHEETS STA. 114+00.00 TO STA. 114+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	97
				CONTRACT NO. 72113
ILLINOIS FED. AID PROJECT				

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 = c:\working\james.push\transportation\1775\067213-Sht_xsh1-02-166.dgn



USER NAME = james.push	DESIGNED -	REVISD -
	DRAWN -	REVISD -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISD -
PLOT DATE = 12/10/2015	DATE = 12/11/2015	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

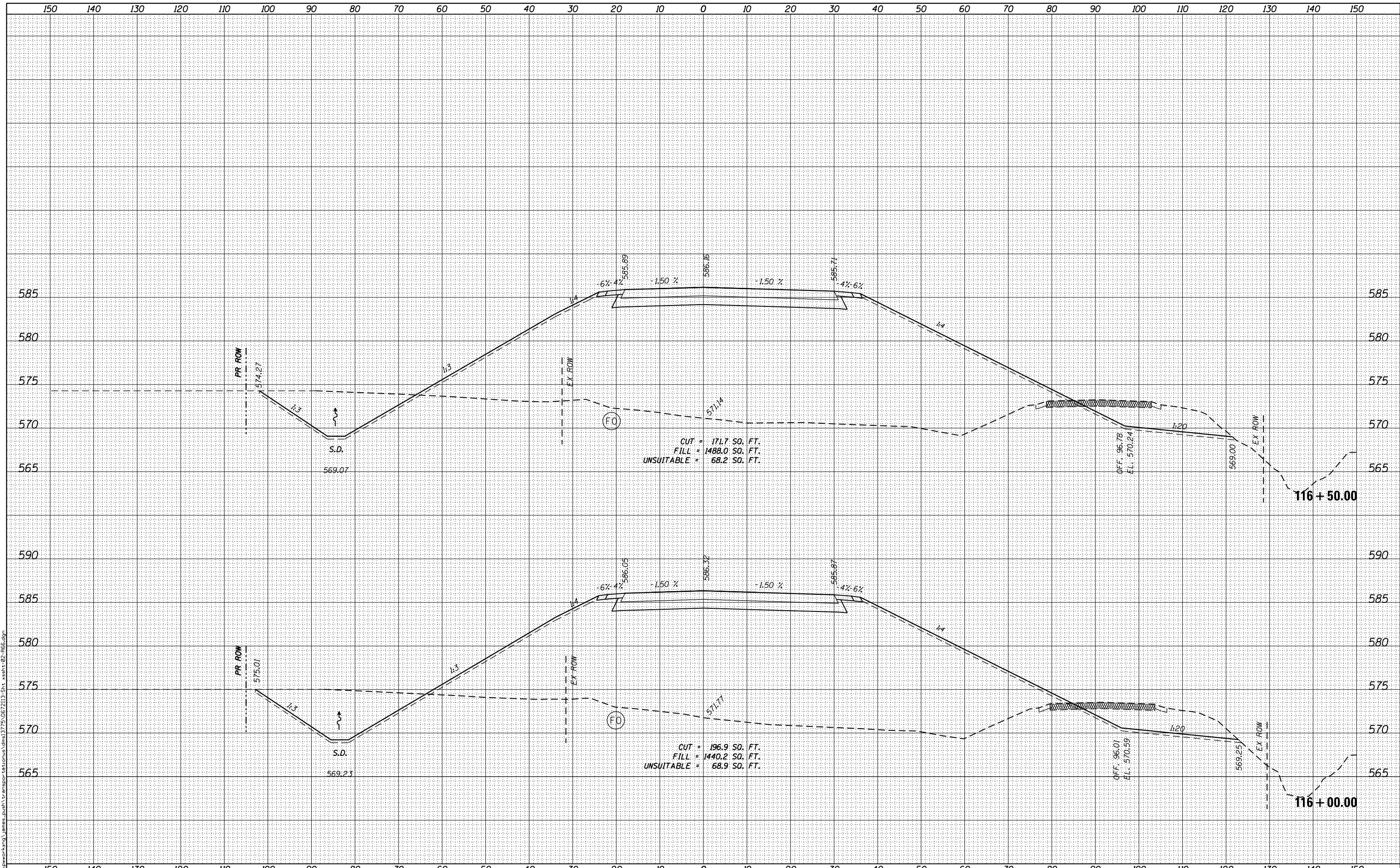
CROSS SECTIONS
OLD ROUTE 66
SCALE: 1:10H,5V SHEET 12 OF 22 SHEETS STA. 115+00.00 TO STA. 115+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	98
				CONTRACT NO. 72113
ILLINOIS FED. AID PROJECT				

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

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

FILE NAME = c:\working\james.push\transportation\175\06\213-Sht_xsh13-02-166.dgn



USER NAME = james.push	DESIGNED -	REVISD -
	DRAWN -	REVISD -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISD -
PLOT DATE = 12/10/2015	DATE - 12/11/2015	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
OLD ROUTE 66
SCALE: 1:10H,5V SHEET 13 OF 22 SHEETS STA. 116+00.00 TO STA. 116+50.00

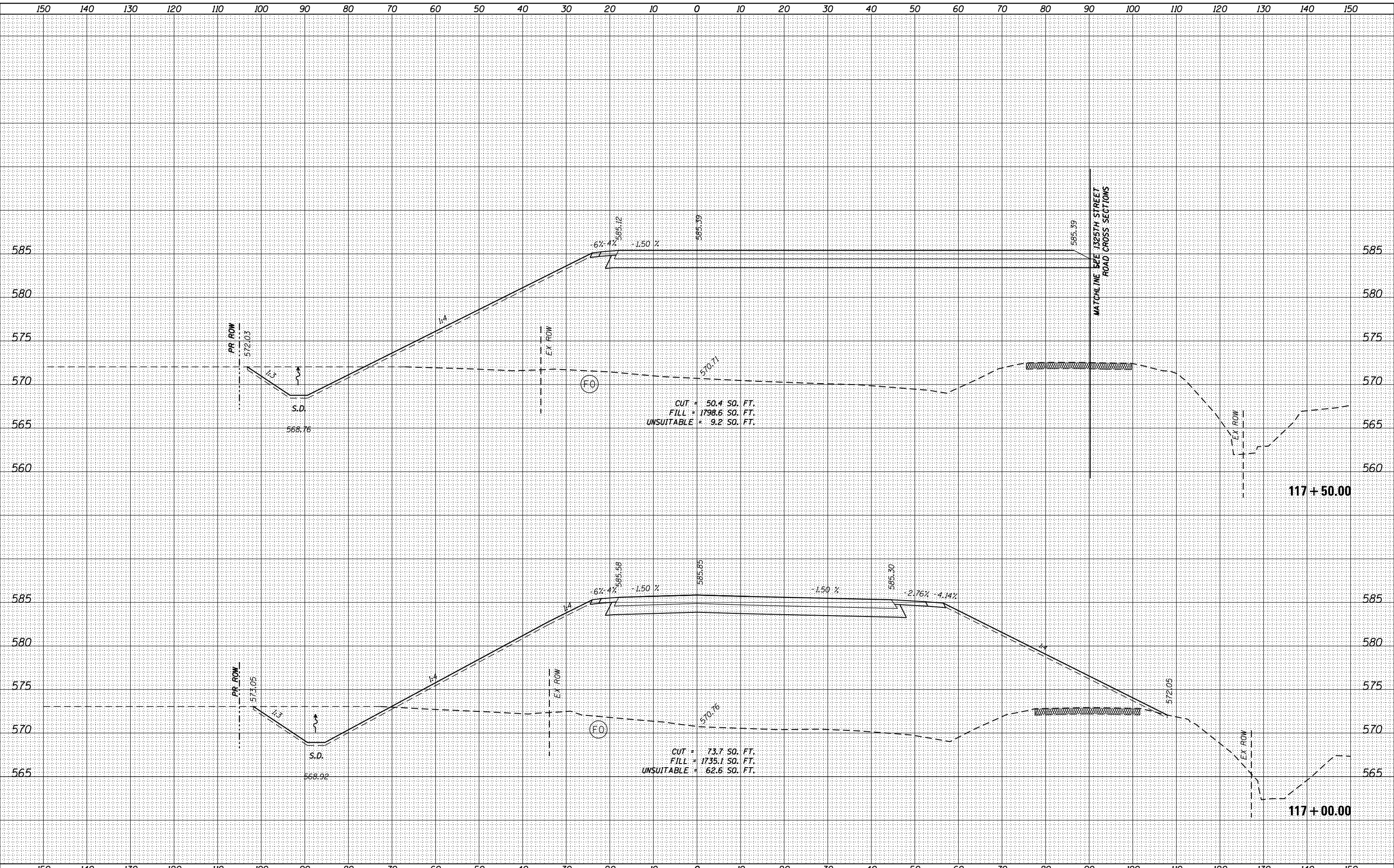
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	99
				CONTRACT NO. 72113

ILLINOIS FED. AID PROJECT

BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

FILE NAME = c:\working\james.push\transportation\1775\067213-Sht_xsh14-02-166.dgn



USER NAME = james.push	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/10/2015	CHECKED -	REVISED -
	DATE = 12/11/2015	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
OLD ROUTE 66**

SCALE: 1:10H,5V SHEET 14 OF 22 SHEETS STA. 117+00.00 TO STA. 117+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1771A	D6 2015-7HSRR	LOGAN	127	100
				CONTRACT NO. 72113
ILLINOIS FED. AID PROJECT				