6-12-09 Letting, Item 114

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 64E55		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED
HIGHWAY PLANS

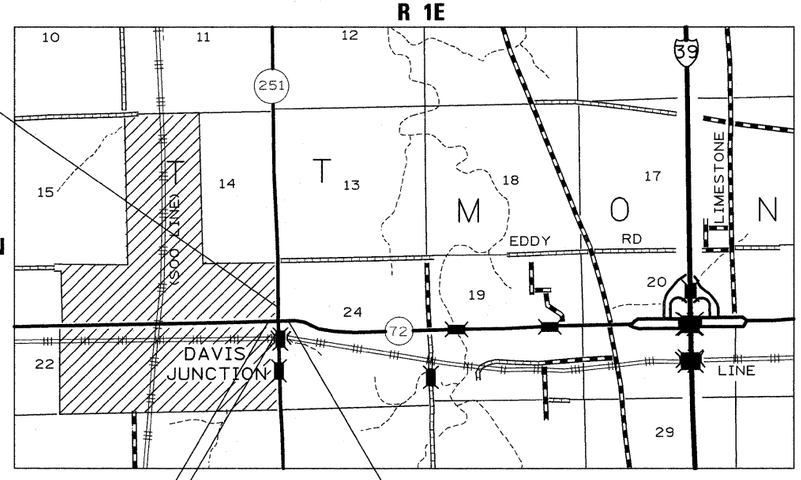
FAP ROUTE 553 (IL 72)
SECTION 120M
PROJECT HSIP-0553(151)
WIDENING & RESURFACING
OGLE COUNTY
C-92-033-09

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR STATE STANDARDS, SEE SHEET NO. 2

DESIGN DESIGNATION
965(33) – MA – 3.16(FD–20)

SCOTT TOWNSHIP 23 & 24

IMPROVEMENT ENDS
STA 794+41
SECTION ENDS
STA 790+92.7



IMPROVEMENT BEGINS
STA 1777+84
SECTION BEGINS
STA 1782+84.4

IMPROVEMENT ENDS
STA 780+85.5
SECTION ENDS
STA 780+85.5

IMPROVEMENT ENDS
STA 1789+31.2
SECTION ENDS
STA 1788+81.2

0 100' 200' 300' — 1"= 100'
0 10' 20' 30' — 1"= 10'
0 50' 100' — 1"= 50'
0 50' 100' — 1"= 40'
0 50' 100' — 1"= 30'
0 50' 100' — 1"= 20'

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1–800–892–0123
OR 811

PROJECT ENGINEER: MASOOD AHMAD
SENIOR SQUAD LEADER: SAM ABDULLAH (815) 284–5935
SQUAD LEADER: COREY CONDERMAN (815) 284–5936
CONTRACT NO. 64E55

GROSS & NET LENGTH = 596.8 FT. = 0.113 MILE (IL 72)
GROSS & NET LENGTH = 956.98 FT. = 0.181 MILE (IL 251)
TOTAL GROSS & NET LENGTH = 1553.78 FT. = 0.294 MILE

D–92–070–08

LOCATION OF SECTION INDICATED THUS: –

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED March 11 20 09
George F. Byrne
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
May 8, 20 09
Charles G. Ingersoll
ENGINEER OF DESIGN AND ENVIRONMENT
May 8, 20 09
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

INDEX OF SHEETS AND STATE STANDARDS

INDEX OF SHEETS

STATE STANDARDS

000001 - 05	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
280001 - 04	TEMPORARY EROSION CONTROL SYSTEMS
420001 - 07	PAVEMENT JOINTS
442201 - 03	CLASS C AND D PATCHES
482011 - 03	HMA SHOULDER STRIPS / SHOULDERS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
542301 - 02	PRECAST REINFORCED CONCRETE FLARED END SECTION
542306 - 02	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
542401 - 01	METAL END SECTIONS FOR PIPE CULVERTS
606001 - 04	CONCRETE TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606201 - 02	TYPE B GUTTER (INLET, OUTLET & ENTRANCE)
606301 - 04	PC CONCRETE ISLANDS AND MEDIANS
606306 - 03	CORRUGATED PC CONCRETE MEDIAN
630001 - 08	STEEL PLATE BEAM GUARDRAIL
630301 - 05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631031 - 07	TRAFFIC BARRIER TERMINAL, TYPE 6
635001 - 01	DELINEATORS
635006 - 03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011 - 02	REFLECTOR MARKER AND MOUNTING DETAILS
666001 - 01	RIGHT-OF-WAY MARKERS
701006 - 03	TYPICAL APPLICATION OF TRAFFIC CONTROL STANDARDS
701011 - 02	TYPICAL APPLICATION OF TRAFFIC CONTROL STANDARDS
701201 - 03	TYPICAL APPLICATION OF TRAFFIC CONTROL STANDARDS
701301 - 03	TYPICAL APPLICATION OF TRAFFIC CONTROL STANDARDS
701306 - 02	TYPICAL APPLICATION OF TRAFFIC CONTROL STANDARDS
701311 - 03	TYPICAL APPLICATION OF TRAFFIC CONTROL STANDARDS
701326 - 03	TYPICAL APPLICATION OF TRAFFIC CONTROL STANDARDS
701901 - 01	TRAFFIC CONTROL DEVICES
720006 - 02	SIGN PANEL ERECTION DETAILS
720011 - 01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
728001 - 01	TELESCOPING STEEL SIGN SUPPORT
729001 - 01	APPLICATIONS FOR TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)
780001 - 02	TYPICAL PAVEMENT MARKINGS
781001 - 03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
805001 - 01	ELECTRICAL SERVICE INSTALLATION DETAILS
878001 - 07	CONCRETE FOUNDATION DETAILS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS & STATE STANDARDS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	2
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	90% FED 10% STATE NONE SFTY - 2A RURAL
	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	19	19
	20200100	EARTH EXCAVATION	CU YD	2,650	2,650
*	25000210	SEEDING, CLASS 2A	ACRE	0.82	0.82
:)	25000750	MOWING	ACRE	0.82	0.82
	25100115	MULCH, METHOD 2	ACRE	0.82	0.82
	25100630	EROSION CONTROL BLANKET	SQ YD	584	584
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	492	492
	28000300	TEMPORARY DITCH CHECKS	EACH	10	10
	28000400	PERIMETER EROSION BARRIER	FOOT	960	960
	28000500	INLET AND PIPE PROTECTION	EACH	8	8
	28100107	STONE RIPRAP, CLASS A4	SQ YD	22	22
	28200200	FILTER FABRIC	SQ YD	22	22
	31100910	SUB-BASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	1947	1947
	35101400	AGGREGATE BASE COURSE, TYPE B	TON	277	277
	40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	6.1	6.1
	40600300	AGGREGATE (PRIME COAT)	TON	13	13
	40600735	POLYMERIZED LEVELING BINDER (HAND METHOD), N70	TON	4	4
	40600837	POLYMERIZED LEVELING BINDER (MACHINE METHOD), N70	TON	468	468
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	221	221
	40600990	TEMPORARY RAMP	SQ YD	87	87
	40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	771	771
	40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	278	278
	40603540	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	562	562

*** SPECIALTY ITEMS**

:) NON PARTICIPATING 100% STATE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	3
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	90% FED 10% STATE NONE SFTY - 2A RURAL
	40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	75	75
	44000100	PAVEMENT REMOVAL	SQ YD	79	79
	44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	1,066	1,066
	44000400	GUTTER REMOVAL	FOOT	834	834
	44004250	PAVED SHOULDER REMOVAL	SQ YD	152	152
	44201347	CLASS C PATCHES, TYPE IV, 9 INCH	SQ YD	249	249
	44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	1,645	1,645
	48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	48	48
	48203019	HOT-MIX ASPHALT SHOULDERS, 5 1/2"	SQ YD	1,980	1,980
	50100300	REMOVAL OF EXISTING STRUCTURE NO. 1	EACH	1	1
	50100400	REMOVAL OF EXISTING STRUCTURE NO. 2	EACH	1	1
	542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	129	129
	542D5470	PIPE CULVERTS, CLASS D, TYPE 1 EQUIVALENT ROUND-SIZE 15"	FOOT	64	64
	542D5473	PIPE CULVERTS, CLASS D, TYPE 1 EQUIVALENT ROUND-SIZE 18"	FOOT	121	121
	54207153	PIPE CULVERTS, TYPE 1, REINFORCED CONCRETE - ELLIPTICAL, EQUIVALENT ROUND-SIZE 18"	FOOT	508	508
	54213450	END SECTIONS 15"	EACH	4	4
	54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1	1
	54214290	END SECTIONS, EQUIVALENT ROUND-SIZE 15"	EACH	2	2
	54214293	END SECTIONS, EQUIVALENT ROUND-SIZE 18"	EACH	4	4
	54214713	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 18"	EACH	16	16
	550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	6	6
*	56109210	WATER VALVES TO BE ADJUSTED	EACH	4	4
*	56400200	FIRE HYDRANTS TO BE MOVED (SPECIAL)	EACH	2	2

*** SPECIALTY ITEMS**

:) NON PARTICIPATING

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	4
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	90% FED 10% STATE NONE SFTY - 2A RURAL
	60242500	INLETS, SPECIAL, NO. 1	EACH	1	1
	60600095	CLASS SI CONCRETE (OUTLET)	CU YD	6	6
	60610400	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	FOOT	149	149
	60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	415	415
	60618390	CONCRETE MEDIAN SURFACE, CORRUGATED	SQ FT	76	76
*	63000003	STEEL PLATE BEAM GUARD RAIL, TYPE A, 9 FOOT POSTS	FOOT	713	713
*	63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	2	2
*	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2
	63200310	GUARDRAIL REMOVAL	FOOT	855	855
	63500105	DELINEATORS	EACH	6	6
	66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	6	6
	66700305	PERMANENT SURVEY MARKERS, TYPE II	EACH	2	2
	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	160	160
*	66900450	SPECIAL WASTE PLANS AND REPORT	L SUM	1	1
*	66900520	PRIORITY POLLUTANTS SOIL ANALYSIS	EACH	6	6
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	5	5
	67100100	MOBILIZATION	L SUM	1	1
	70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1
	70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1
	70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	20	20
	70106700	TEMPORARY RUMBLE STRIP	EACH	6	6

*** SPECIALTY ITEMS**

:) NON PARTICIPATING

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	5
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	90% FED 10% STATE NONE SFTY - 2A RURAL
	70300100	SHORT-TERM PAVEMENT MARKING	FOOT	1,608	1,608
	70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	55	55
	70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	179	179
*	72000100	SIGN PANEL, TYPE I	SQ FT	141	141
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	200	200
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	9,509	9,509
*	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	612	612
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	734	734
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	132	132
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	96	96
*	78200410	GUARDRAIL MARKERS, TYPE A	EACH	13	13
*	78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	2
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	19	19
*	80400100	ELECTRIC SERVICE INSTALLATION	EACH	1	1
*	81020500	CONDUIT PUSHED, 2" DIA., INTERMEDIATE METAL	FOOT	226	226
*	81603000	UNIT DUCT, 600V, 2-1C NO. 8, 1/C NO. 8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	894	894
*	81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	633	633
*	82104000	LUMINAIRE, SODIUM VAPOR, MULTI-MOUNT, 400 WATT	EACH	6	6
*	82500605	LIGHTING CONTROLLER PHOTOCELL RELAY	EACH	1	1
*	83055300	LIGHT POLE, 45 FT. M.H., TENON MOUNT	EACH	2	2
*	83055310	LIGHT POLE, 45 FT. M.H., TENON MOUNT - TWIN	EACH	2	2
*	83600100	LIGHT POLE FOUNDATION	EACH	4	4
*	83800650	BREAKAWAY DEVICE, COUPLING, WITH STAINLESS STEEL SCREEN	EACH	16	16

*** SPECIALTY ITEMS**

:) NON PARTICIPATING

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	6
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	90% FED 10% STATE NONE SFTY - 2A RURAL
*	87502450	TRAFFIC SIGNAL POST, GALVANIZED STEEL 11 FT.	EACH	2	2
*	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	12	12
*	89501150	RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	2	2
*	89502380	REMOVE EXISTING HANDHOLE	EACH	2	2
*	89502400	REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE	EACH	1	1
*	D2003872	EVERGREEN, THUJA OCCIDENTALIS TECHNY (TECHNY ARBORVITAE), 6' HEIGHT, BALLED AND BURLAPPED	EACH	1	1
*	X0323319	POST MOUNTED FLASHING BEACON INSTALLATION (SPECIAL)	EACH	6	6
*	X0324223	MAINTAIN EXISTING LIGHTING SYSTEM	L SUM	1	1
	X0325519	DRAIN FOR AGGREGATE BASE COURSE	SQ YD	17	17
*	X0325541	REMOVE EXISTING LIGHTING SYSTEM	L SUM	1	1
	X6063401	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12	FOOT	904	904
	X6064201	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.06	FOOT	193	193
	70106800	CHANGEABLE MESSAGE SIGN	CAL MO	2	2
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
	Z0025500	FURNISHING AND INSTALLING PROPERTY MARKERS	EACH	1	1
	Z0028415	GEOTECHNICAL REINFORCEMENT	SQ YD	1,869	1,869
	Z0055100	RUMBLE RESURFACING	SQ YD	400	400
*	X0326477	WIRELESS VEHICLE DETECTION AND WARNING SYSTEM COMPLETE	EACH	1	1
*	XX005938	SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	4	4

*** SPECIALTY ITEMS**

:) NON PARTICIPATING

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

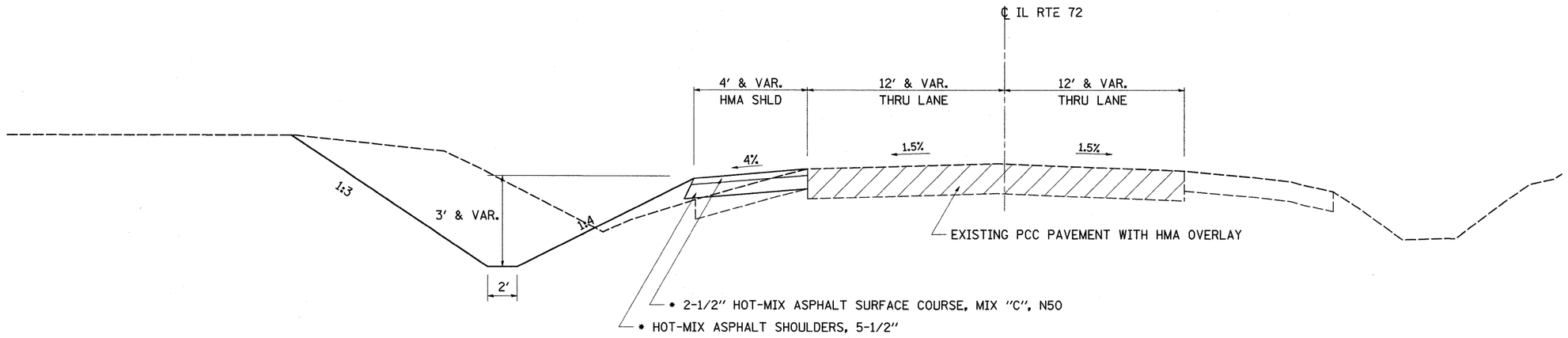
SUMMARY OF QUANTITIES

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

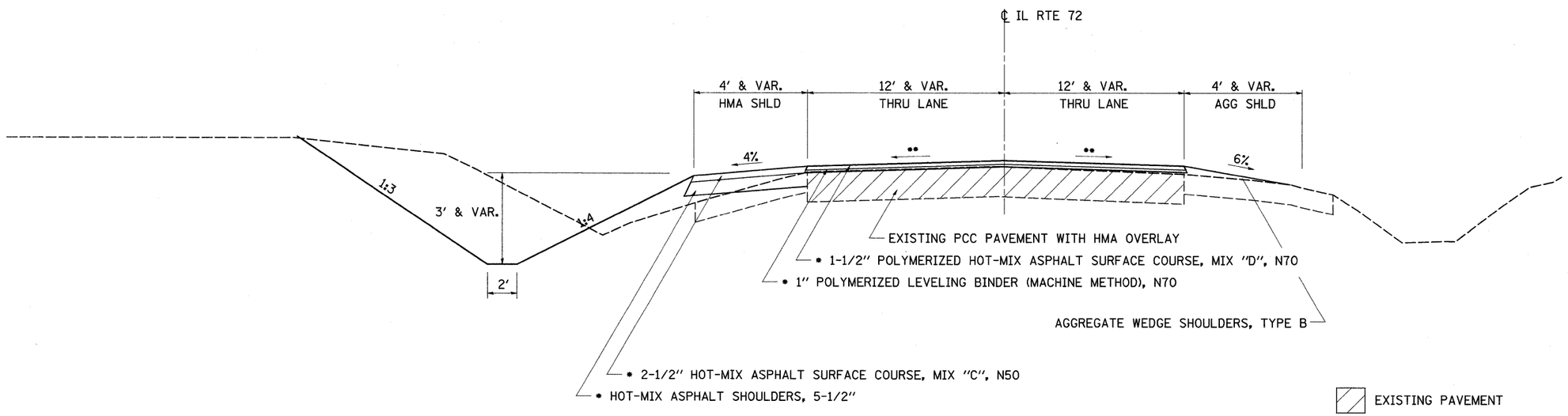
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	7
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PROPOSED TYPICAL SECTION
IL RTE 72 & IL RTE 251

STA 1781+75.3 TO STA 1782+34.4 (IL 72)



STA 1782+34.4 TO STA 1782+84.4 (IL 72-BUTT JOINT)



EXISTING PAVEMENT

* RATE OF APPLICATION = 112 LB/SQ YD/IN

** MATCH EXISTING SLOPE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

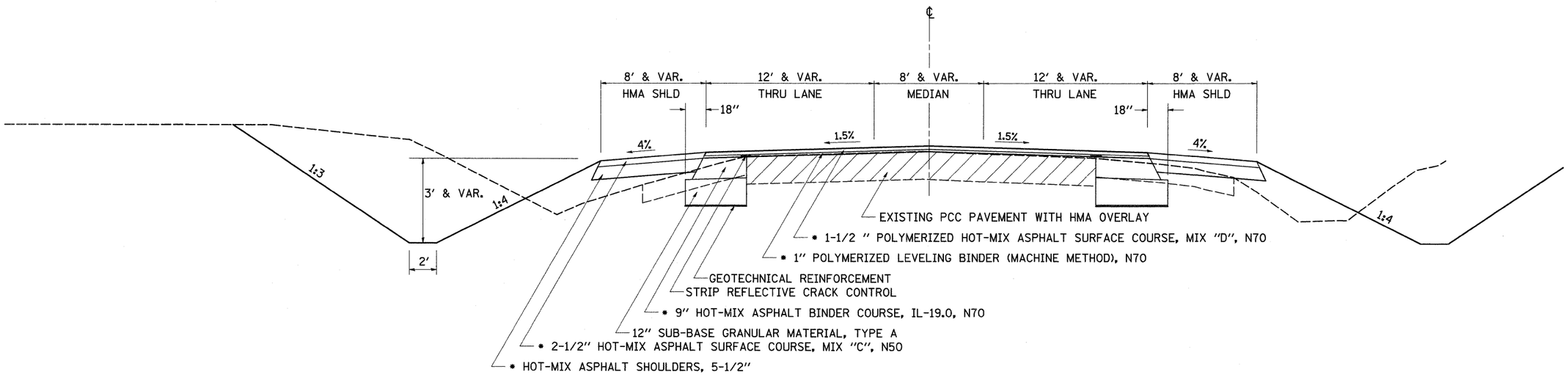
PROPOSED TYPICAL SECTION

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

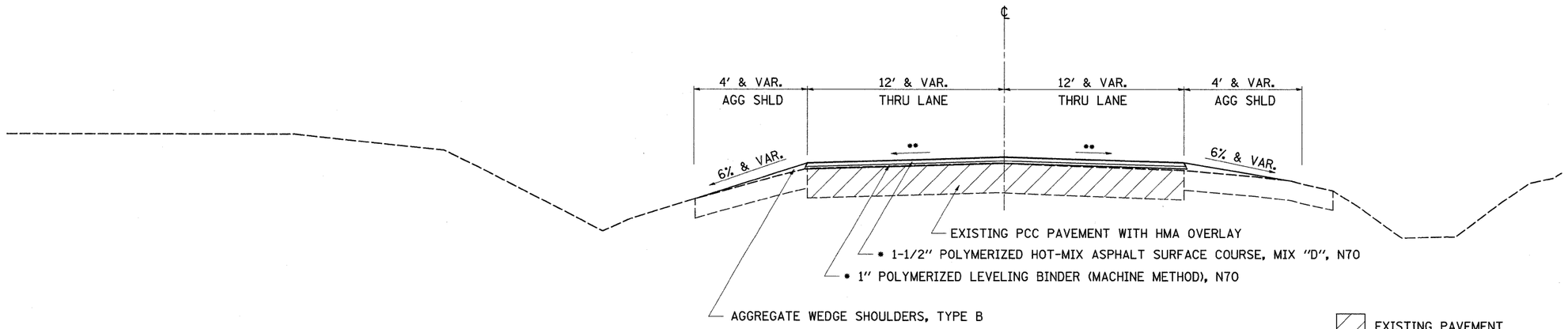
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	8
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PROPOSED TYPICAL SECTION
IL RTE 72 & IL RTE 251

STA 1782+84.4 TO STA 1786+35.9 (IL 72)
STA 784+74.3 TO STA 789+92.7 (IL 251)



STA 1788+81.2 TO STA 1789+31.2 (IL 72-BUTT JOINT)
STA 789+92.7 TO STA 790+42.7 (IL 251-BUTT JOINT)



EXISTING PAVEMENT

* RATE OF APPLICATION = 112 LB/SQ YD/IN

** MATCH EXISTING SLOPE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

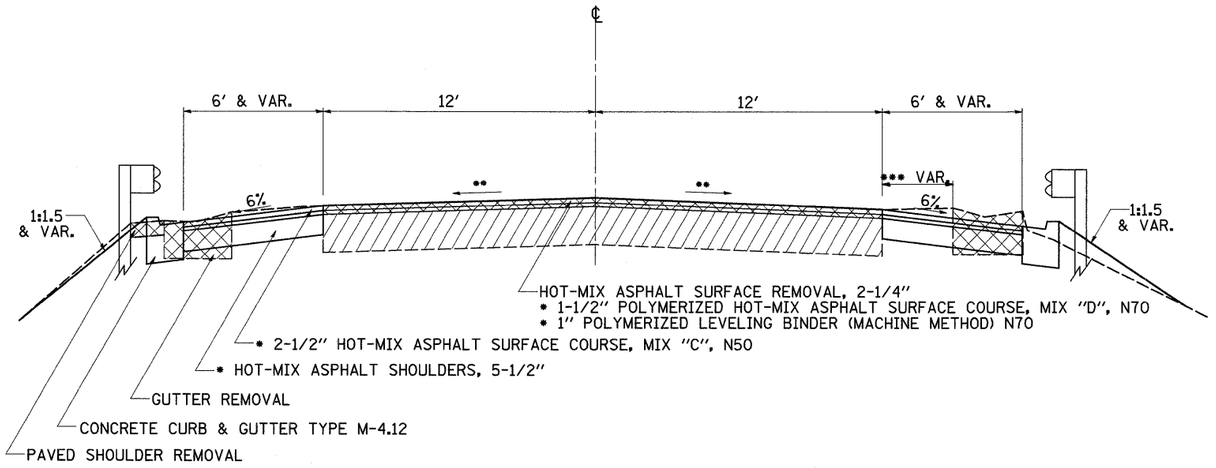
PROPOSED TYPICAL SECTION

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

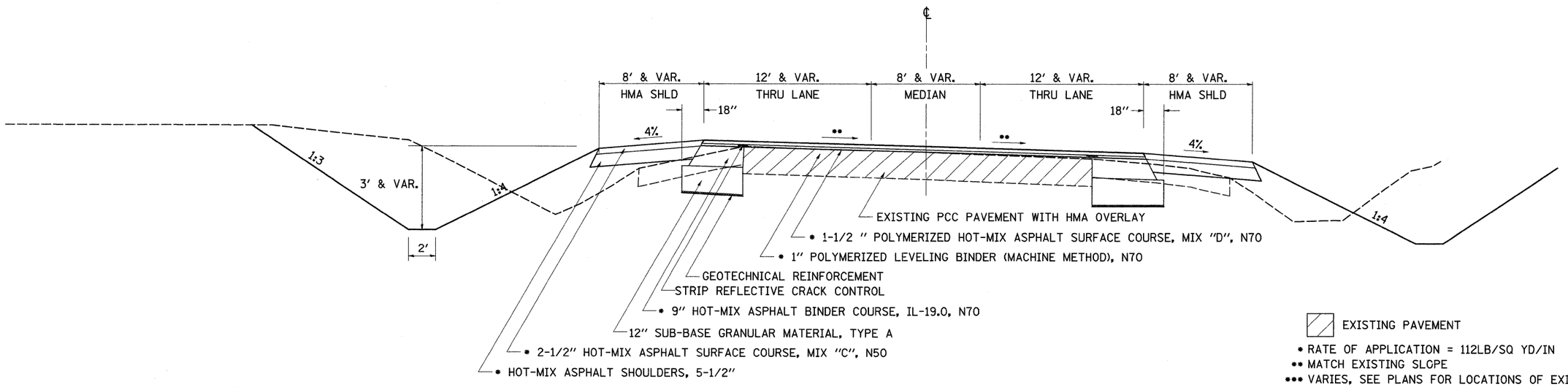
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	9
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PROPOSED TYPICAL SECTION
IL RTE 72 & IL RTE 251

STA 780+85.5 TO STA 784+24.3 (IL 251)



STA 1786+35.9 TO STA 1788+81.2 (IL 72 SUPER)



* RATE OF APPLICATION = 112LB/SQ YD/IN
** MATCH EXISTING SLOPE
*** VARIES, SEE PLANS FOR LOCATIONS OF EXISTING GUTTER

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		DRAWN -	REVISED -
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	PLOT DATE = Tue Jan 13 15:38:47 2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

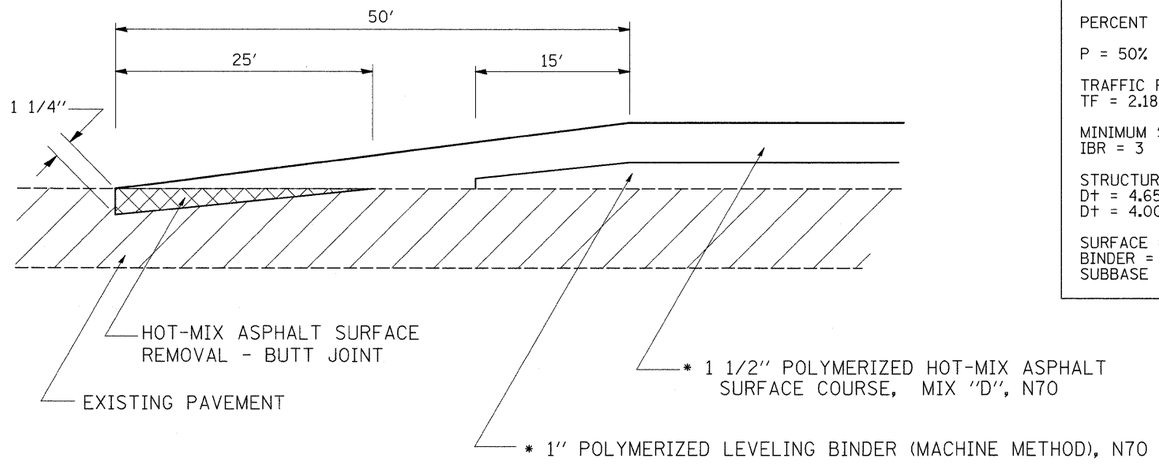
PROPOSED TYPICAL SECTION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	10
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PROPOSED TYPICAL SECTION
IL RTE 72 & IL RTE 251

TYPICAL TAPER BUTT JOINT
STA 1782+34.4 TO STA 1782+84.4 (IL 72)
STA 1788+81.2 TO STA 1789+31.2 (IL 72)
STA 789+92.7 TO STA 790+42.7 (IL 251)



STRUCTURAL DESIGN INFORMATION - FLEXIBLE PAVEMENT

IL 72

STRUCTURAL DESIGN TRAFFIC: YEAR: 2019
IL 72:
PV = 6545 SU = 765 MU = 340

ROAD/STREET CLASSIFICATION: CLASS II

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:

P = 50% S = 50% M = 50%

TRAFFIC FACTOR:
TF = 2.18

MINIMUM SOIL REPORT:
IBR = 3

STRUCTURAL NUMBER:
Dt = 4.65 ACTUAL
Dt = 4.00 MINIMUM

SURFACE = 2.5"
BINDER = 9"
SUBBASE = 12"

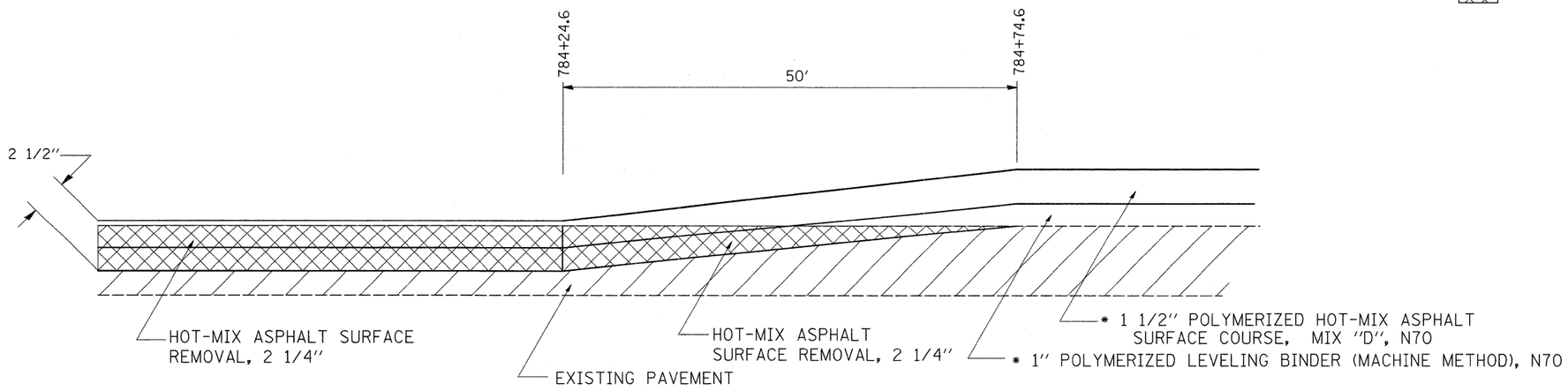
NOTES:

* RATE OF APPLICATION = 112 LB/SQ YD/IN

EXISTING

PAVEMENT REMOVAL

TYPICAL TAPER
STA 784+24.3 TO STA 784+74.3 (IL 251)



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	11
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

GENERAL NOTES

ROUTE.	SEC	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 553 (IL 72)	120M	Ogle	71	12
FED ROAD DIST. NO.		ILLINOIS	PROJECT	
Contract #64E55				

Program #5
(Arch. Size)
Enlarge 200%
Enlarge 107%

See cross sections for special ditches and backslopes.

The removal of Bituminous Surfacing not on a rigid type base removed in conjunction with the base shall be removed as EARTH EXCAVATION. The removal of Bituminous Surfacing on a rigid type base removed in conjunction with the base shall be included in the contract unit price for PAVEMENT REMOVAL of the type specified.

The final top 100 mm (four inches) of soil in any right-of-way area disturbed by the Contractor must be capable of supporting vegetation. The soil must be from the A horizon (zero to 2' deep) of soil profiles of local soils.

All Borrow/Waste/Use sites must be approved by the Department prior to removing any material from the project or initiating any earthmoving activities, including temporary stockpiling outside the limits of construction.

Fertilizer Nutrients shall be applied at the rate specified in Sections 250 of the Standard Specifications. This shall be included in the cost of the SEEDING.

Previously pugmilled stockpiles of "Type A" older than 1 month will not be approved for use until a moisture check is run to verify moisture content. Material shipped to projects without being tested will not be accepted.

Placement and compaction of the backfill for proposed across road culverts and existing across road culverts that are removed shall conform to Section 502.10 of the Standard Specifications, except that the material shall conform to Article 208.02 of the Standard Specifications, and shall be compacted to a minimum of 95% of the standard laboratory density. Any material conforming to the requirements of Article 1003.04 or 1004.05 which has been excavated from the trenches shall be used for backfilling the trenches. The entire excavation, within 2 feet outside of each shoulder, shall be backfilled with trench backfill material to the bottom of the proposed subgrade. This trench backfill material will not be measured for payment, but shall be included in the contract unit price for the class of concrete involved or other unit price item of the work for which it is required.

Except for the top 75 mm (3"), all aggregate bases and subbases 300 mm (12") in thickness shall be constructed of aggregate gradation CA-2. If the specified thickness exceeds 300 mm (12"), the bases or subbases shall be constructed of topsize 150 mm (6") breaker-run crushed stone with 70% to 90% by weight, passing the 4" sieve and 15% to 40% by weight, passing the 50 mm (2") size sieve, except for the top 75 mm (3"). The breaker-run crushed stone shall be reasonably uniformly graded from coarse to fine and be taken from a quarry ledge capable of producing Class "D" quality aggregate. The top 75 mm (3") shall be gradation CA-6 or CA-10 regardless of thickness. The water necessary to achieve compaction in all but the top 75 mm (3") layer may be added after the subbase or base course is placed on the grade.

The existing hot-mix asphalt on private and commercial entrances shall be bladed off or milled and disposed of outside the project limits. This could be the entire entrance or tapered at the end depending on if the mainline is resurfaced or milled and resurfaced. The cost of the blading, milling, rolling, and disposal is included in the contract unit price for INCIDENTAL HOT-MIX ASPHALT SURFACING.

The following Mixture Requirements are applicable for this project:

Mixture Uses(s):	Binder	Top Shoulder	Bottom Shoulder	Surface	Level Binder
PG:	PG 64-22	PG 58-22	PG 58-22	SBS PG 70-22	SBS PG 70-22
Design Air Voids	4.0 @ N70	3.0 @ N50	2.0 @ N50	4.0 @ N70	4.0 @ N70
Mixture Composition (Gradation Mixture)	IL 19.0	IL 9.5 or 12.5	BAM	IL 9.5 or 12.5	IL 9.5
Friction Aggregate	N/A	C	N/A	D	N/A
20 Year ESAL	2.2	N/A	N/A	2.2	2.2

The Contractor will be required to furnish 140 mm (5 1/2") high brass stencils as approved by the Engineer and install stationing at 250' intervals. Stationing shall be placed on both lanes of 2-lane highways and on the outside lanes in both directions on 4-lane highways. The stations shall be placed 150 mm (6") inside the pavement marking edge so they can be read from the shoulder. This work will be included in the cost of the final pavement surface.

The area to be primed shall be limited to that which can be covered with HMA the same day, unless otherwise permitted by the Engineer.

Reflective Crack Control shall be placed on the existing surface prior to any resurfacing, unless pavement is milled then it will be placed on the binder course.

On full depth pavement, shoulder widths of 1.8 m (6 ft.) or less may be placed, at the Contractor's option, simultaneously with the adjacent traffic lane for both the binder and surface courses, provided the cross slope of both the pavement and shoulder can be satisfactorily obtained. The shoulder will be paid for at the contract unit price per Square Meter (Square Yard) for HOT-MIX ASPHALT SHOULDERS of the thickness specified on the plans.

The proposed pipes for entrances and side roads shall be placed in line with the existing or proposed ditch line.

Connecting bands for corrugated metal pipes shall be metal and shall be coated with the same material as the pipe sections. The connecting bands shall be a minimum of 18" wide.

If, during the grinding or resurfacing operations, the existing mailboxes become a hindrance, the Contractor shall be required to carefully remove and reinstall the mailboxes as directed by the Engineer. This work shall be included in the contract unit price for the INCIDENTAL HOT-MIX ASPHALT SURFACING.

Noses of curbed corner islands noted as 1 & 2 on Highway Standard 606301 shall be ramped unless the curb function is for the protection of pedestrians, signals, light standards or sign truss supports.

Rural minimum island area = 9.3 m^2 (100 $feet^2$).
Urban island area = usually 7.0 m^2 (75 $feet^2$) but not less than 4.7 m^2 (50 $feet^2$).
(Island area includes the concrete median surface and the curb.)

The islands on this project are small islands as shown on the Detail of Island sheet in the plans.

The Contractor shall install a 450 mm (18") diameter formed opening in the Concrete Median Surface of the Island as directed by the Engineer. Also, a 75 mm (4") diameter formed opening shall be installed in each corner of the Island 300 mm (1 foot) behind the back of curb. All existing pavement surfaces of other existing obstructions beneath these openings shall be removed by the Contractor. After the median is in place the 450 mm (18") opening shall be cored down 1.2 m (4') and filled with dirt. All costs incurred shall be included in the contract unit price per Square Meter (Square Foot) for CONCRETE MEDIAN SURFACE, 100 mm (4 INCH).

The Contractor shall supply the Resident Engineer with the manufacturer's installation requirements for the type of Steel Plate Beam Guardrail Terminal Type 1 Special (Tangent) or Steel Plate Beam Guardrail Terminal Type I Special (Flared).

One 16d galvanized nail shall be used to toe nail the wood block out to the wood post on all Traffic Barrier Terminal Type I Specials.

Embankment quantities for the construction of the Traffic Barrier Terminals as shown in the plans are included in quantities for EARTH EXCAVATION.

GENERAL NOTES

ROUTE.	SEC	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 553 (IL 72)	120M	Ogle	71	13
FED ROAD DIST. NO.		ILLINOIS	PROJECT	
Contract #64E55				

Program #5
(Arch. Size)
Enlarge 200%
Enlarge 107%

Delineators shall be installed as shown in Standard 635001, except that the post shall be rotated 180° and only metal-backed delineators shall be permitted.

Delineators shall be placed at the ends of approach guardrail terminal sections, and at each headwall or end section of AR Culverts. This work will be paid for at the contract unit price each for DELINEATORS.

Pavement Marking shall be done according to Standard 780001, except as follows:

1. All words, such as ONLY, shall be 2.4 m (8 feet) high.
2. All non-freeway arrows shall be the large size.
3. The distance between yellow no-passing lines shall be 200 mm (8"), not 180 mm (7") as shown in the detail of Typical Lane and Edge Lines.

PERMANENT SURVEY MARKERS, TYPE II, shall be set at intervals of 1.6 Km (1 mile) or as directed by the Engineer. Bridge or culvert projects shall have one survey marker placed near the structure. Estimated: 2 Each.

Permanent Survey Markers, Type II shall be cast-in-place as shown on District Standard 66.2. The bottom of the marker shall be 5'-0" below the ground surface.

The Contractor shall submit to the Engineer a description of location, elevation, and coordinates for each permanent survey marker. The horizontal and vertical coordinates must be derived by GPS and the elevation derived by a closed level circuit. The Engineer shall submit this information to the Survey Crew.

Tree planting layout shall be performed by the District Landscape Architect. Mulch shall be placed 4" thick and 5' in diameter around the tree as shown on District Standard 92.1. The mulch shall be hardwood wood chips placed on weed barrier fabric. This work shall be included in the cost of the tree.

Layout for the tree planting shall be performed by the District Landscape Architect, which will be on the north side of the IDOT Davis Junction Maintenance Yard located on the southwest corner of the IL 72 and IL 251 intersection.

Aggregate Base Course, Type B, is provided in the plan quantities and shall be used only as needed when directed by the Engineer.

Right-of-way markers will be erected with the back face of the marker on the right-of-way line unless the new right-of-way line has been surveyed and pinned, in which instance the right-of-way markers will be erected 300 mm (12 inches) inside the new right-of-way line.

The Contractor shall be responsible for protecting utility property during construction operations as outlined in Article 107.31 of the Standard Specifications. A minimum of 48 hours advance notice is required for non-emergency work. The JULIE number is 800-892-0123. The following listed utilities located within the project limits or immediately adjacent to the project construction limits are members of JULIE:

Commonwealth Edison Company
Verizon
Nicor Gas Company
Norlight Telecommunications
Mediacom

The applicable portions of Article 105.07 of the Standard Specification shall apply except for the following: The Contractor shall be responsible to locate the vertical depths of the underground utilities which may interfere with construction operations. This work will not be measured or paid for separately, but shall be considered as included in the unit bid price for the item of construction involved.

Per SB 699 (90 day utility relocation law), once right-of-way is clear to award the project, a notice will be sent to the utility companies instructing them to have their facilities relocated within 90 days. Estimated date relocation complete = Letting Date + 135 days.

CADD data will be available to Contractors and Consultants working on this project. This information will be provided upon request as MicroStation CADD files and Geopak coordinate geometry files ONLY. If data is required in other formats it will be your responsibility to make these conversions. If any discrepancy or inconsistency arises between the electronic data and the information on the hard copy, the information on the hard copy should be used. Contact the District's Project Engineer to request these files.

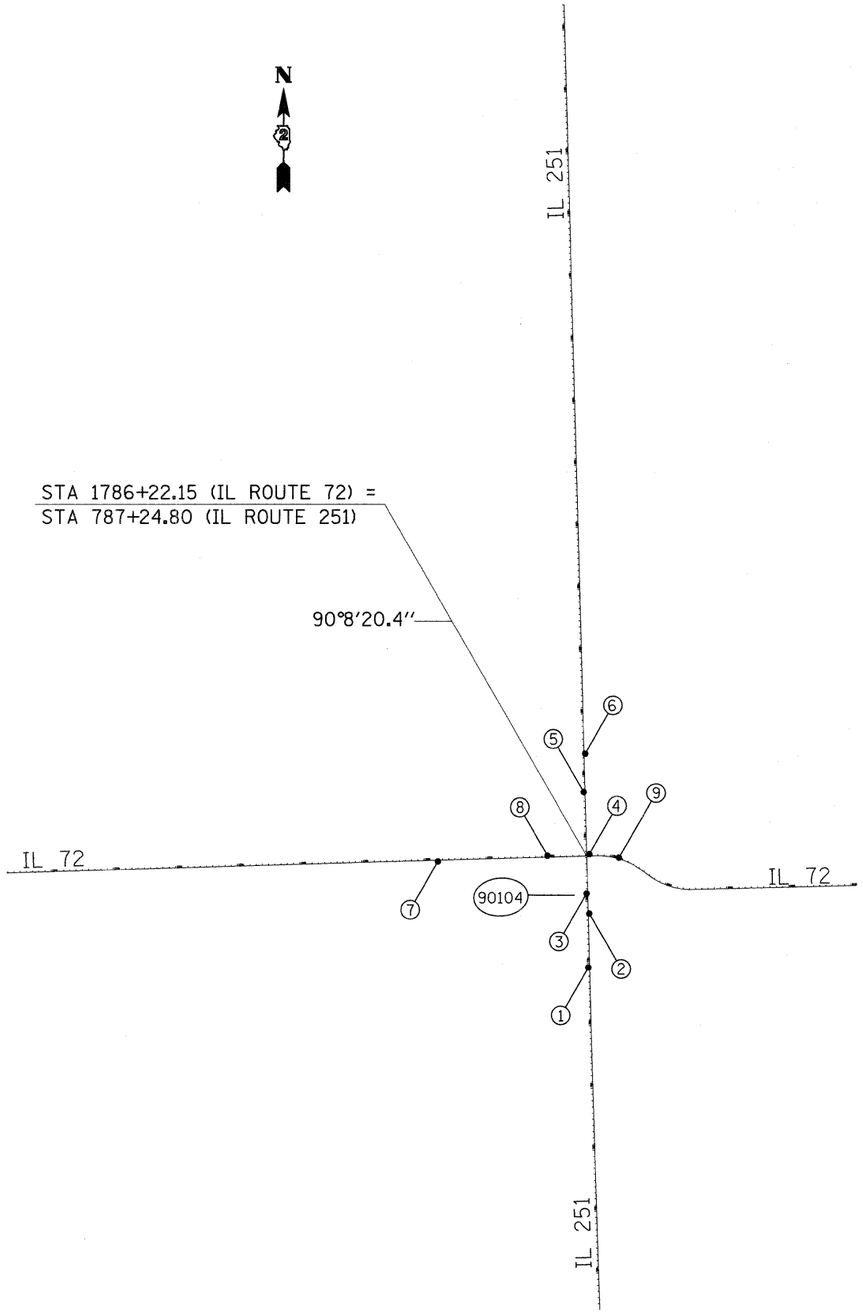
It shall be the Contractor's responsibility to contact the municipality to determine approved methods of utility structure adjustment. Utility structures may include, but are not limited to, manholes, water valves, handholes, etc. All materials and work necessary to complete adjustments per municipality requirements shall be considered included in the cost of the associated adjustment pay item.

The Bituminous Surfacing in the parking lots on both the NE and SW quadrant of the intersection as shown being removed in the plans shall be saw cut and removed in conjunction with the base. This work shall be included in the cost of EARTH EXCAVATION.

The removal of the existing concrete Type A Gutter and Gutter Outlets shall be included in the contract unit price per Foot for GUTTER REMOVAL.

The contractor shall contact Scott Kullerstrand (815/284-4568), Illinois DOT Bureau of Operations, prior to the turn-on of the proposed lighting.

The contractor shall contact Kurt Glazier (815/284-5478), Illinois DOT Bureau of Operations, 3 weeks prior to the installation of the solar powered flashing beacons and all additional signs called out in the plans for verification of locations.



Chain IL_251 contains:
29 CUR 220 230 65

Beginning chain IL_251 description
==========

Point 29 N 1,974,138.0334 E 2,592,727.8657 Sta 714+04.0489

Course from 29 to PC 220 358° 09′ 53.2199″ Dist 3,565.8207′

Curve Data

Curve 220
P.I. Station 754+97.1186 N 1,978,229.0037 E 2,592,596.7847
Delta = 0° 16′ 54.1681″ (RT)
Degree = 0° 01′ 36.1756″
Tangent = 527.2491′
Length = 1,054.4960′
Radius = 214,466.8268′
External = 0.6481′
Long Chord = 1,054.4949′
Mid. Ord. = 0.6481′
P.C. Station 749+69.8696 N 1,977,702.0251 E 2,592,613.6699
P.T. Station 760+24.3656 N 1,978,756.0589 E 2,592,582.4908
C.C. N 1,984,570.3460 E 2,806,970.4892

Course from PT 220 to 230 358° 26′ 47.3880″ Dist 9,722.5928′

Point 230 N 1,988,475.0781 E 2,592,318.9072 Sta 857+46.9583

Course from 230 to 65 358° 25′ 08.0850″ Dist 6,653.4137′

Point 65 N 1,995,125.9587 E 2,592,135.3283 Sta 924+00.3720

==========
Ending chain IL_251 description

CURVE POINT NUMBERS					
CHAIN	CURVE	PI	CC	PC	PT
IL_251	220	220	221	222	223

Chain EXIL72 contains:
38 240 CUR 200 CUR 210 66

Beginning chain EXIL72 description
==========

Point 38 N 1,981,177.2965 E 2,583,181.7611 Sta 1692+90.4824

Course from 38 to 240 88° 16′ 57.0431″ Dist 5,940.0044′

Point 240 N 1,981,355.3263 E 2,589,119.0970 Sta 1752+30.4868

Course from 240 to PC 200 88° 18′ 26.9838″ Dist 3,543.9364′

Curve Data

Curve 200
P.I. Station 1791+53.9822 N 1,981,471.2087 E 2,593,040.8807
Delta = 36° 31′ 34.1971″ (RT)
Degree = 4° 58′ 53.4848″
Tangent = 379.5590′
Length = 733.2328′
Radius = 1,150.1658′
External = 61.0098′
Long Chord = 720.8794′
Mid. Ord. = 57.9366′
P.C. Station 1787+74.4232 N 1,981,459.9982 E 2,592,661.4873
P.T. Station 1795+07.6560 N 1,981,254.4061 E 2,593,352.4280
C.C. N 1,980,310.3342 E 2,592,695.4580

Course from PT 200 to PC 210 124° 50′ 01.1809″ Dist 223.7382′

Curve Data

Curve 210
P.I. Station 1801+06.1095 N 1,980,912.5719 E 2,593,843.6469
Delta = 36° 24′ 38.7200″ (LT)
Degree = 5° 01′ 43.8418″
Tangent = 374.7153′
Length = 724.0381′
Radius = 1,139.3427′
External = 60.0377′
Long Chord = 711.9162′
Mid. Ord. = 57.0324′
P.C. Station 1797+31.3942 N 1,981,126.6078 E 2,593,536.0754
P.T. Station 1804+55.4324 N 1,980,922.8848 E 2,594,218.2203
C.C. N 1,982,061.7960 E 2,594,186.8632

Course from PT 210 to 66 88° 25′ 22.4609″ Dist 2,627.1782′

Point 66 N 1,980,995.1901 E 2,596,844.4032 Sta 1830+82.6105

==========
Ending chain EXIL72 description

CURVE POINT NUMBERS					
CHAIN	CURVE	PI	CC	PC	PT
EXIL72	200	200	201	202	203
EXIL72	210	210	211	212	213

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HORIZONTAL & VERTICAL CONTROL

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	14
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SURVEY WORK POINTS

POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
100	1981837.1361	2591931.7447	782.1448	EXIL72	1780+56.1379	398.5267' LT	TRAVERSE STATION, PK NAIL
101	1980961.7125	2595001.3817	777.4886	EXIL72	1812+39.3658	17.2588' LT	TRAVERSE STATION, NAIL
102	1980945.5698	2594382.4254	775.8758	EXIL72	1806+20.1996	18.1571' LT	TRAVERSE STATION, NAIL
103	1981136.1699	2592412.0510	768.6670	IL_251	784+08.2224	105.8513' LT	TOPO SURVEY POINT, NAIL
104	1980944.9454	2592541.3837	789.2074	IL_251	782+13.5619	18.2497' RT	TOPO SURVEY POINT, NAIL
105	1980815.2235	2592345.8737	764.5279	IL_251	780+89.1881	180.7053' LT	TOPO SURVEY POINT, NAIL
106	1980916.4185	2592591.1680	766.1791	IL_251	781+83.6959	67.2423' RT	NAIL
110	1980937.9541	2593908.5375	775.1468	EXIL72	1801+47.4721	18.4508' RT	GPS CONTROL POINT, PIN
111	1980987.8577	2595853.8173	776.9191	EXIL72	1820+92.1980	19.9333' LT	GPS CONTROL POINT, PIN

BENCH MARKS

POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
402	1980581.3501	2592510.0936	792.7989	IL_251	778+50.9486	22.8862' LT	HEADWALL, CHISELED SQUARE
404	1981544.0129	2592538.2941	775.9304	IL_251	788+12.4930	31.4022' RT	POWER POLE WITH LIGHT, BOLT
408	1981480.2394	2591845.6610	777.0736	EXIL72	1779+59.5507	44.3282' LT	BENCH TIE, POWER POLE
411	1981010.0971	2595978.4979	778.0404	EXIL72	1822+17.4435	38.7328' LT	POWER POLE, BENCH TIE

HORIZONTAL CONTROL POINTS

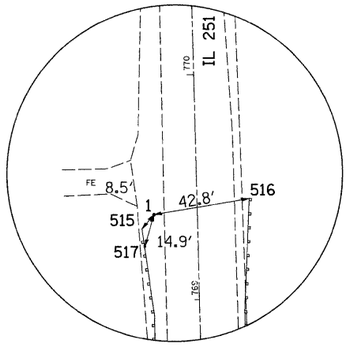
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
1	1979669.3447	2592538.4161	768.0531	IL_251	769+38.5105	19.2989' LT	GPS CONTROL POINT, PIN
2	1980537.7776	2592550.9856	790.9834	IL_251	778+06.2835	16.8095' RT	GPS CONTROL POINT, PK NAIL
3	1980856.8240	2592508.3044	792.2124	IL_251	781+26.3697	17.2065' LT	GPS CONTROL POINT, PK NAIL
4	1981488.3810	2592550.7699	773.5541	EXIL72	1786+64.5924	31.6405' LT	GPS CONTROL POINT, PIN
4	1981488.3810	2592550.7699	773.5541	IL_251	787+56.5433	42.3652' RT	GPS CONTROL POINT, PIN
5	1982480.1742	2592460.1270	775.5874	IL_251	797+50.4294	21.3565' LT	GPS CONTROL POINT, PIN
6	1983097.4887	2592484.1942	775.1205	IL_251	803+66.8645	19.4375' RT	GPS CONTROL POINT, PIN
7	1981365.4178	2590113.1814	779.2229	EXIL72	1762+24.4356	19.2737' RT	GPS CONTROL POINT, PIN
8	1981461.6871	2591876.0834	775.0338	EXIL72	1779+89.4118	24.8854' LT	GPS CONTROL POINT, PK NAIL
9	1981430.0435	2593027.8412	773.2325	EXIL72	1791+40.2934	17.8357' LT	GPS CONTROL POINT, PIN
90104	1980825.4283	2592305.8281	764.7294	IL_251	781+00.4748	220.4595' LT	GPS CONTROL POINT, PIN

APPARENT PROPERTY CORNERS

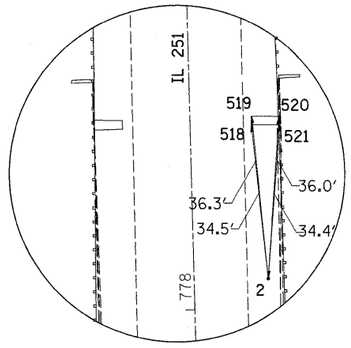
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
700	1981844.2374	2591888.0341	783.4180	EXIL72	1780+12.6561	406.9159' LT	PROPERTY CORNER, PIN
701	1981846.1655	2591954.0270	782.5212	EXIL72	1780+78.6772	406.894' LT	PROPERTY CORNER, PIN
702	1982097.8994	2591881.1367	784.4061	EXIL72	1780+13.2538	660.6709' LT	PROPERTY CORNER, PIN
702	1982097.8994	2591881.1367	784.4061	IL_251	793+83.9917	610.4976' LT	PROPERTY CORNER, PIN
703	1982099.9411	2591947.0188	783.3292	IL_251	793+84.2466	544.5844' LT	PROPERTY CORNER, PIN
704	1981509.3916	2591897.1094	775.4724	EXIL72	1780+11.8376	71.9481' LT	PROPERTY CORNER, PIN
705	1981536.3137	2591962.6212	776.9516	EXIL72	1780+78.1160	96.9235' LT	PROPERTY CORNER, PIN
707	1981860.7063	2592437.7387	776.2533	IL_251	791+31.7961	60.5306' LT	PROPERTY CORNER, PIN
708	1981918.7064	2592436.1626	776.6067	IL_251	791+89.8176	60.5337' LT	PROPERTY CORNER, PIN

REFERENCE TIES

POINT	CHAIN	STATION	OFFSET	DESCRIPTION
500	EXIL72	1822+16.8779	39.4796' LT	POWER POLE, SHINER
501	EXIL72	1821+39.8341	20.0794' RT	MAILBOX
502	EXIL72	1820+63.8641	21.0759' RT	MAILBOX
503	EXIL72	1801+45.7363	89.9748' RT	FENCE CORNER, CHAIN LINK
504	EXIL72	1801+04.0077	70.9908' RT	POWER POLE, SHINER
505	EXIL72	1791+62.0515	31.9827' LT	POWER POLE, SHINER
507	EXIL72	1786+95.4141	46.9432' LT	FIRE HYDRANT
507	IL_251	787+71.9208	73.1497' RT	FIRE HYDRANT
508	EXIL72	1786+54.0464	86.0008' LT	POWER POLE WITH LIGHT
508	IL_251	788+10.8779	31.6873' RT	POWER POLE WITH LIGHT
509	EXIL72	1786+72.6329	48.5758' LT	WATER BUFFALO BOX
509	IL_251	787+73.4981	50.3646' RT	WATER BUFFALO BOX
510	IL_251	797+76.5438	56.9494' LT	POWER POLE, SHINER
515	IL_251	769+32.1751	24.9266' LT	GUARDRAIL STEEL PLATE BEAM, END
516	IL_251	769+44.3713	23.0817' RT	GUARDRAIL STEEL PLATE BEAM, END
518	IL_251	778+40.6462	13.9397' RT	DROP INLET
519	IL_251	778+42.4370	14.0688' RT	DROP INLET
520	IL_251	778+42.1520	20.139' RT	DROP INLET
521	IL_251	778+40.4616	20.2732' RT	DROP INLET
522	IL_251	780+96.7011	21.0801' LT	DROP INLET
523	IL_251	780+98.2496	20.7376' LT	DROP INLET
524	IL_251	780+98.3292	14.7099' LT	DROP INLET
525	IL_251	780+96.4294	14.7409' LT	DROP INLET
526	EXIL72	1779+60.1741	44.5253' LT	POWER POLE, SHINER
527	EXIL72	1780+20.3128	72.2867' LT	PIPE CULVERT, END
528	EXIL72	1779+94.9284	62.2073' LT	GAS BUFFALO BOX



HORIZONTAL CONTROL
POINT No. 1



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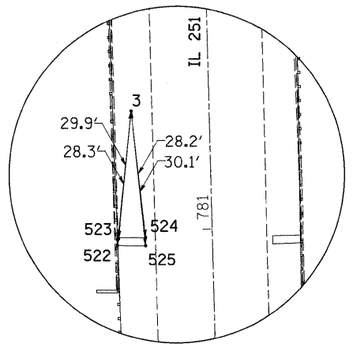

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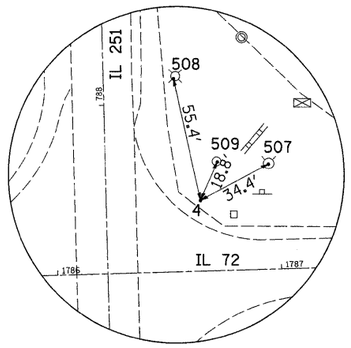

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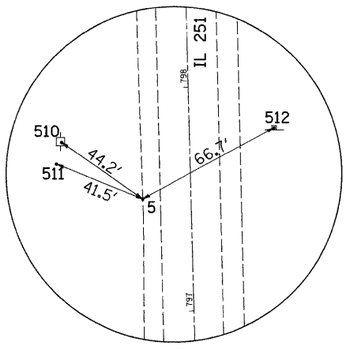

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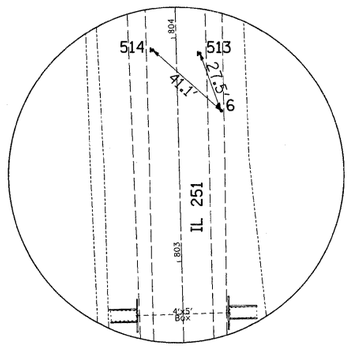

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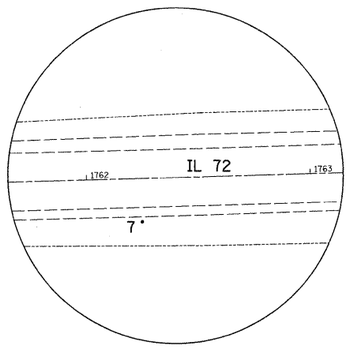

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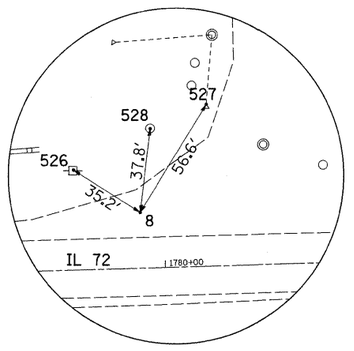

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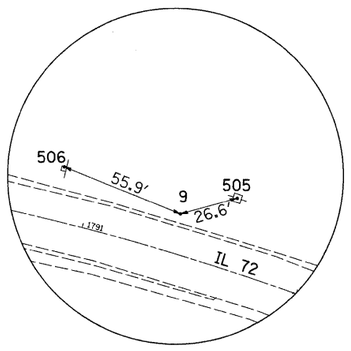

HORIZONTAL CONTROL
POINT No. 9

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HORIZONTAL & VERTICAL CONTROL

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	16
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TREE REMOVAL (OVER 15 UNITS DIAMETER)

UNIT	LOCATION		
	IL 251		
19	Sta	784 + 79	22' - LT
19	**TOTAL**		

SEEDING, CLASS 2A

ACRE	LOCATION				
	IL 72				
0.35	Sta	1781 + 76	-	1789 + 00	LT
0.23	Sta	1782 + 50	-	1789 + 00	RT
	IL 251				
0.14	Sta	784 + 59	-	790 + 43	LT
0.10	Sta	784 + 59	-	790 + 43	RT
0.82	**TOTAL**				

MOWING

ACRE	LOCATION				
	IL 72				
0.35	Sta	1781 + 76	-	1789 + 00	LT
0.23	Sta	1782 + 50	-	1789 + 00	RT
	IL 251				
0.14	Sta	781 + 00	-	790 + 43	LT
0.10	Sta	781 + 00	-	790 + 43	RT
0.82	**TOTAL**				

MULCH, METHOD 2

ACRE	LOCATION				
	IL 72				
0.35	Sta	1781 + 76	-	1789 + 00	LT
0.23	Sta	1782 + 50	-	1789 + 00	RT
	IL 251				
0.14	Sta	784 + 59	-	790 + 43	LT
0.10	Sta	784 + 59	-	790 + 43	RT
0.82	**TOTAL**				

EROSION CONTROL BLANKET

SQ YD	LOCATION			
	IL 72			
41.7	Sta	1785 + 31		RT (25' X 15')
41.7	Sta	1787 + 52		RT (25' X 15')
500	As Needed & Directed by the Resident for Area Behind Guardrail			
583.4				

TEMPORARY EROSION CONTROL SEEDING

POUND	LOCATION				6 Applications X 100 Lbs / Acre
	IL 72				
210	Sta	1781 + 76	-	1789 + 00	LT
138	Sta	1782 + 50	-	1789 + 00	RT
	IL 251				
84	Sta	784 + 59	-	790 + 43	LT
60	Sta	784 + 59	-	790 + 43	RT
492	**TOTAL**				

TEMPORARY DITCH CHECKS

EACH	LOCATION		
	IL 72		
1	Sta	1784 + 00	LT
1	Sta	1785 + 00	LT
1	Sta	1786 + 00	LT
1	Sta	1788 + 65	RT
	IL 251		
1	Sta	785 + 50	LT
1	Sta	785 + 75	LT
1	Sta	786 + 75	LT
1	Sta	788 + 00	RT
1	Sta	789 + 00	RT
1	Sta	789 + 78	RT
10	**TOTAL**		

PERIMETER EROSION BARRIER

FOOT	LOCATION				
	IL 72				
85	Sta	1786 + 60	-	1787 + 20	RT
75	Sta	1787 + 20	-	1787 + 95	RT
	IL 251				
200	Sta	784 + 35	-	786 + 25	RT
600	As Needed & Directed by the Resident for Area Behind Guardrail				
960	**TOTAL**				

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	17
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

INLET AND PIPE PROTECTION

EACH		LOCATION			
		IL 72			
1	Sta	1782 + 93			RT
1	Sta	1784 + 58			RT
1	Sta	1785 + 31			LT
1	Sta	1787 + 52			LT
1	Sta	1788 + 46			RT
1	Sta	1788 + 64			LT
		IL 251			
1	Sta	786 + 73			LT
1	Sta	789 + 75			RT
8	**TOTAL**				

STONE RIPRAP, CLASS A4

SQ YD		LOCATION			
		IL 72			
10	Sta	1788 + 78			LT (18' X 5')
		IL 251			
5.6	Sta	785 + 75	-	785 + 85	LT (10' X 5')
5.6	Sta	786 + 11	-	786 + 21	RT (10' X 5')
21.2	**TOTAL**				

FILTER FABRIC

SQ YD		LOCATION			
		IL 72			
10	Sta	1788 + 78			LT (18' X 5')
		IL 251			
5.6	Sta	785 + 75	-	785 + 85	LT (10' X 5')
5.6	Sta	786 + 11	-	786 + 21	RT (10' X 5')
21.2	**TOTAL**				

SUB-BASE GRANULAR MATERIAL, TYPE A 12"

SQ YD		LOCATION			
		IL 72			
548.1	Sta	1782 + 84	-	1786 + 08	NW Return
547.5	Sta	1783 + 31	-	1786 + 08	SW Return
421.1	Sta	1786 + 36	-	1787 + 64	NE Return
429.8	Sta	1786 + 36	-	1788 + 18	SE Return
1,946.5	**TOTAL**				

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

SQ YD		LOCATION			
		IL 72			
72.2	Sta	1782 + 34	-	1782 + 84	(25' x 26')
72.7	Sta	1788 + 81	-	1789 + 31	(25' x 26.2')
		IL 251			
75.3	Sta	789 + 93	-	790 + 43	(25' x 27.1')
220.2	**TOTAL**				

TEMPORARY RAMP

SQ YD		LOCATION			
		IL 72			
21.7	Sta	1782 + 34			(26' x 7.5')
21.8	Sta	1789 + 31			(26.2' x 7.5')
		IL 251			
20.8	Sta	780 + 86			(25' x 7.5')
22.6	Sta	790 + 43			(27.1' x 7.5')
86.9	**TOTAL**				

HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"

SQ YD		LOCATION			
		IL 251			
930.1	Sta	780 + 86	-	784 + 25	Mainline
135.2	Sta	784 + 25	-	784 + 75	50' Taper
1,065.3	**TOTAL**				

PAVEMENT REMOVAL

SQ YD		LOCATION			
		IL 72			
21.1	Sta	1785 + 79	-	1785 + 95	RT (Removal for Island)
17.8	Sta	1786 + 50	-	1786 + 65	LT (Removal for Island)
		IL 251			
18.5	Sta	786 + 83	-	786 + 98	RT (Removal for Island)
21.4	Sta	787 + 52	-	787 + 68	LT (Removal for Island)
78.8	**TOTAL**				

GUTTER REMOVAL

FOOT		LOCATION			
		IL 251			
422	Sta	781 + 78	-	785 + 98	LT
412	Sta	781 + 77	-	785 + 90	RT
834	**TOTAL**				

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	18
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PAVED SHOULDER REMOVAL

SQ YD	LOCATION				
	IL 251				
81.8	Sta	781 + 06	-	782 + 30	LT
70.0	Sta	781 + 06	-	782 + 30	RT
151.8	**TOTAL**				

CLASS C PATCHES, TYPE IV, 9 INCH

SQ YD	LOCATION				
	IL 72				
128.4	Sta	1785 + 16	-	1785 + 56	(L = 40')
120.1	Sta	1787 + 32	-	1787 + 72	(L = 40')
248.5	**TOTAL**				

STRIP REFLECTIVE CRACK CONTROL TREATMENT

FOOT	LOCATION				
	IL 72				
365	Sta	1782 + 84	-	1786 + 08	LT
310	Sta	1783 + 31	-	1786 + 08	RT
160	Sta	1786 + 36	-	1787 + 64	LT
215	Sta	1786 + 36	-	1788 + 18	RT
	IL 251				
195	Sta	784 + 74	-	786 + 63	LT
160	Sta	785 + 00	-	786 + 54	RT
95	Sta	788 + 08	-	788 + 97	LT
145	Sta	787 + 87	-	789 + 28	RT
1,645	**TOTAL**				

AGGREGATE WEDGE SHOULDERS, TYPE B

TON	LOCATION				
	IL 72				
3.0	Sta	1782 + 34	-	1782 + 84	RT
8.4	Sta	1788 + 81	-	1789 + 31	RT
	IL 251				
4.0	Sta	789 + 93	-	790 + 43	LT
6.8	Sta	789 + 93	-	790 + 43	RT
25.0	As Needed & Directed by the Resident				
47.2	**TOTAL**				

REMOVAL OF EXISTING STRUCTURE NO. 1

EACH	LOCATION		
	IL 72		
1	Sta	1785 + 31	(4' X 1.5' RC Culvert)
1	**TOTAL**		

REMOVAL OF EXISTING STRUCTURE NO. 2

EACH	LOCATION		
	IL 72		
1	Sta	1787 + 49	(42" AD EQ RCCP, & 3' 2' RC Culvert)
1	**TOTAL**		

PIPE CULVERTS, CLASS D, TYPE 1 15"

FOOT	LOCATION		
	IL 72		
79	Sta	1788 + 38	LT
	IL 251		
50	Sta	789 + 50	RT
129	**TOTAL**		

PIPE CULVERTS, CLASS D, TYPE 1 EQUIVALENT ROUND-SIZE 15"

FOOT	LOCATION		
	IL 72		
64	Sta	1788 + 14	RT
64	**TOTAL**		

PIPE CULVERTS, CLASS D, TYPE 1 EQUIVALENT ROUND-SIZE 18"

FOOT	LOCATION		
	IL 72		
56	Sta	1783 + 21	RT
65	Sta	1784 + 87	RT
121	**TOTAL**		

PIPE CULVERTS, TYPE 1, REINFORCED CONCRETE - ELLIPTICAL, EQUIVALENT ROUND-SIZE 18"

FOOT	LOCATION		
	IL 72		
152	Sta	1785 + 31	LT (38' X 4 Pipes)
148	Sta	1785 + 31	RT (37' X 4 Pipes)
104	Sta	1787 + 52	LT (26' x 4 Pipes)
104	Sta	1787 + 52	RT (26' x 4 Pipes)
508	**TOTAL**		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	19
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

END SECTIONS 15"

EACH	LOCATION		
	IL 72		
2	Sta	1788 + 31	LT
	IL 251		
2	Sta	789 + 50	LT & RT
4	**TOTAL**		

PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"

EACH	LOCATION		
	IL 72		
1	Sta	1785 + 70	RT
1	**TOTAL**		

END SECTIONS, EQUIVALENT ROUND-SIZE 15"

EACH	LOCATION		
	IL 72		
2	Sta	1788 + 14	RT
2	**TOTAL**		

END SECTIONS, EQUIVALENT ROUND-SIZE 18"

EACH	LOCATION		
	IL 72		
2	Sta	1783 + 21	RT
2	Sta	1784 + 87	RT
4	**TOTAL**		

PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 18"

EACH	LOCATION		
	IL 72		
4	Sta	1785 + 31	LT
4	Sta	1785 + 31	LT
4	Sta	1787 + 52	RT
4	Sta	1787 + 52	RT
16	**TOTAL**		

STORM SEWERS, CLASS A, TYPE 1 15"

FOOT	LOCATION		
	IL 72		
6	Sta	1785 + 70	RT
6	**TOTAL**		

WATER VALVES TO BE ADJUSTED

EACH	LOCATION		
	IL 72		
1	*Sta	1784 + 24	47.3' LT
1	Sta	1785 + 08	41.3' LT
1	Sta	1786 + 72	48.8' LT
1	Sta	1786 + 96	45.6' LT
4	**TOTAL**	***As Needed & Directed by the Resident**	

FIRE HYDRANTS TO BE MOVED (SPECIAL)

EACH	LOCATION		
	IL 72		
1	Sta	1785 + 08	42.9' LT
1	Sta	1786 + 96	47.2' LT
2	**TOTAL**		

INLETS, SPECIAL, NO. 1

EACH	LOCATION		
	IL 72		
1	Sta	1785 + 70	50' RT
1	**TOTAL**		

CLASS SI CONCRETE (OUTLET)

CU YD	LOCATION				
	IL 251				
3	Sta	785 + 34	-	785 + 75	LT
3	Sta	785 + 70	-	786 + 11	RT
6	**TOTAL**				

COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24

FOOT	LOCATION				
	IL 251				
149	Sta	785 + 87	-	787 + 00	LT
149	**TOTAL**				

CONCRETE MEDIAN SURFACE, 4 INCH

SQ FT	LOCATION				
	IL 72				
115.4	Sta	1785 + 79	-	1785 + 98	LT
114.1	Sta	1785 + 79	-	1785 + 95	RT
90.0	Sta	1786 + 49	-	1786 + 65	LT
94.8	Sta	1786 + 46	-	1786 + 64	RT
414.3	**TOTAL**				

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	20
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONCRETE MEDIAN SURFACE, CORRUGATED

SQ FT	LOCATION					
	IL 72					
75.3	Sta	1788 + 38			LT	
75.3	**TOTAL**					

STEEL PLATE BEAM GUARD RAIL, TYPE A, 9 FOOT POSTS

FOOT	LOCATION					
	IL 251					
337.5	Sta	781 + 30	-	784 + 68	LT	(27 Panels @ 12.5')
375	Sta	781 + 30	-	785 + 05	RT	(30 Panels @ 12.5')
712.5	**TOTAL**					

TRAFFIC BARRIER TERMINAL, TYPE 6

EACH	LOCATION				
	IL 251				
1	Sta	780 + 86	-	781 + 30	LT
1	Sta	780 + 86	-	781 + 30	RT
2	**TOTAL**				

TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT)

EACH	LOCATION				
	IL 251				
1	Sta	784 + 68	-	785 + 18	LT
1	Sta	785 + 05	-	785 + 55	RT
2	**TOTAL**				

GUARDRAIL REMOVAL

FOOT	LOCATION					
	IL 251					
427.25	Sta	780 + 86	-	785 + 13	LT	
427.25	Sta	780 + 86	-	785 + 13	RT	
854.5	**TOTAL**					

DELINEATORS

EACH	LOCATION		
	IL 72		
2	Sta	1785 + 31	LT & RT - Culvert
2	Sta	1787 + 52	LT & RT - Culvert
	IL 251		
1	Sta	785 + 18	LT - Guardrail
1	Sta	785 + 55	RT - Guardrail
6	**TOTAL**		

FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS

EACH	LOCATION		
	IL 72		
1	Sta	1785 + 00	40' RT
1	Sta	1785 + 25	60' RT
1	Sta	1787 + 40	50' LT
1	Sta	1788 + 52	40' LT
	IL 251		
1	Sta	785 + 90	52.54' LT
1	Sta	786 + 25	55' LT
6	**TOTAL**		

PERMANENT SURVEY MARKERS, TYPE II

EACH	LOCATION
2	As Directed by the Resident and Chief of Surveys
2	**TOTAL**

NON-SPECIAL WASTE DISPOSAL

CU YD	LOCATION		
	IL 72		
160	Sta	1785+00 - 1789+00	(0' to 200' LT and 0' to 200' RT)
160	**TOTAL**		

SPECIAL WASTE PLANS AND REPORT

L SUM	LOCATION		
	IL 72		
1	Sta	1785+00 - 1789+00	(0' to 200' LT and 0' to 200' RT)
1	**TOTAL**		

PRIORITY POLLUTANT SOIL ANALYSIS

EACH	LOCATION		
	IL 72		
6	Sta	1785+00 - 1789+00	(0' to 200' LT and 0' to 200' RT)
6	**TOTAL**		

SOIL DISPOSAL ANALYSIS

EACH	LOCATION		
	IL 72		
2	Sta	1785+00 - 1789+00	(0' to 200' LT and 0' to 200' RT)
2	**TOTAL**		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	21
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TEMPORARY RUMBLE STRIP

EACH	LOCATION
	IL 251
6	As Directed by the Resident
6	**TOTAL**

SHORT-TERM PAVEMENT MARKING

FOOT	LOCATION				(3 Applications - Prime, Level, & Surface)
	IL 72				
72	Sta	1781 + 75	-	1782 + 84	2 Stripes - 4' @ 40' o.c. (Double Yellow)
384	Sta	1782 + 84	-	1785 + 77	4 Stripes - 4' @ 40' o.c. (Yellow Median)
240	Sta	1786 + 68	-	1788 + 39	4 Stripes - 4' @ 40' o.c. (Yellow Median)
72	Sta	1788 + 39	-	1789 + 31	2 Stripes - 4' @ 40' o.c. (Double Yellow)
	IL 251				
288	Sta	780 + 86	-	785 + 09	2 Stripes - 4' @ 40' o.c. (Double Yellow)
240	Sta	785 + 09	-	786 + 79	4 Stripes - 4' @ 40' o.c. (Yellow Median)
240	Sta	787 + 71	-	789 + 41	4 Stripes - 4' @ 40' o.c. (Yellow Median)
72	Sta	789 + 41	-	790 + 43	2 Stripes - 4' @ 40' o.c. (Double Yellow)
1,608	**TOTAL**				

TEMPORARY PAVEMENT MARKING - LINE 24"

FOOT	LOCATION	
	IL 251	
25	Sta	786 + 78
30	Sta	787 + 72
55	**TOTAL**	

WORK ZONE PAVEMENT MARKING REMOVAL

SQ FT	LOCATION				(Removal of Short-Term on Surface Only)
	IL 72				
8.0	Sta	1781 + 75	-	1782 + 84	2 Stripes - 4' @ 40' o.c. (Double Yellow)
42.7	Sta	1782 + 84	-	1785 + 77	4 Stripes - 4' @ 40' o.c. (Yellow Median)
26.7	Sta	1786 + 68	-	1788 + 39	4 Stripes - 4' @ 40' o.c. (Yellow Median)
8.0	Sta	1788 + 39	-	1789 + 31	2 Stripes - 4' @ 40' o.c. (Double Yellow)
	IL 251				
32.0	Sta	780 + 86	-	785 + 09	2 Stripes - 4' @ 40' o.c. (Double Yellow)
26.7	Sta	785 + 09	-	786 + 79	4 Stripes - 4' @ 40' o.c. (Yellow Median)
26.7	Sta	787 + 71	-	789 + 41	4 Stripes - 4' @ 40' o.c. (Yellow Median)
8.0	Sta	789 + 41	-	790 + 43	2 Stripes - 4' @ 40' o.c. (Double Yellow)
178.7	**TOTAL**				

THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS

SQ FT	LOCATION				
	IL 72				
20.8	Sta	1781 + 80	-	1781 + 88	RT - Painted "STOP"
29.0	Sta	1782 + 38	-	1782 + 46	RT - Painted "AHEAD"
29.0	Sta	1791 + 09	-	1791 + 17	LT - Painted "AHEAD"
20.8	Sta	1791 + 67	-	1791 + 75	LT - Painted "STOP"
	IL 251				
20.8	Sta	777 + 42	-	777 + 50	RT - Painted "STOP"
29.0	Sta	778 + 00	-	778 + 08	RT - Painted "AHEAD"
29.0	Sta	790 + 67	-	790 + 75	LT - Painted "AHEAD"
20.8	Sta	791 + 25	-	791 + 33	LT - Painted "STOP"
199.2	**TOTAL**				

THERMOPLASTIC PAVEMENT MARKING - LINE 4"

FOOT	LOCATION				
	IL 72				
625	Sta	1777 + 84	-	1782 + 84	EB No Pass w/ Skip Dash
1648	Sta	1777 + 84	-	1786 + 08	White EOP LT & RT
1138	Sta	1782 + 84	-	1785 + 77	Yellow Median
590	Sta	1786 + 36	-	1789 + 31	White EOP LT & RT
616	Sta	1786 + 68	-	1788 + 39	Yellow Median
184	Sta	1788 + 39	-	1789 + 31	Double Yellow
	IL 251				
846	Sta	780 + 86	-	785 + 09	Double Yellow
476	Sta	780 + 86	-	785 + 62	White EOP LT
466	Sta	780 + 86	-	785 + 52	White EOP RT
620	Sta	785 + 09	-	786 + 79	Yellow Median
618	Sta	787 + 71	-	789 + 41	Yellow Median
544	Sta	788 + 97	-	794 + 41	White EOP LT
513	Sta	789 + 28	-	794 + 41	White EOP RT
625	Sta	789 + 41	-	794 + 41	SB No Pass w/ Skip Dash
9,509	**TOTAL**				

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	cvr.dgn	DRAWN -	REVISED -
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	PLOT DATE = Tue Feb 10 11:09:36 2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	22
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

THERMOPLASTIC PAVEMENT MARKING - LINE 8"

FOOT		LOCATION			
		IL 72			
152	Sta	1785 + 62	-	1786 + 07	White Island LT
152	Sta	1785 + 56	-	1786 + 00	White Island RT
162	Sta	1786 + 44	-	1786 + 86	White Island LT
146	Sta	1786 + 38	-	1786 + 81	White Island RT
612	**TOTAL**				

THERMOPLASTIC PAVEMENT MARKING - LINE 12"

FOOT		LOCATION			
		IL 72			
52	Sta	1781 + 75	-	1782 + 84	Yellow Shoulder Diagonals LT
70	Sta	1782 + 84	-	1785 + 22	Yellow Shoulder Diagonals LT
84	Sta	1782 + 84	-	1785 + 77	Yellow Median Diagonals
39	Sta	1786 + 68	-	1788 + 39	Yellow Median Diagonals
106	Sta	1785 + 62	-	1786 + 07	White Island Diagonals LT
105	Sta	1785 + 56	-	1786 + 00	White Island Diagonals RT
101	Sta	1786 + 44	-	1786 + 86	White Island Diagonals LT
99	Sta	1786 + 38	-	1786 + 81	White Island Diagonals RT
		IL 251			
39	Sta	785 + 09	-	786 + 79	Yellow Median Diagonals
39	Sta	787 + 71	-	789 + 41	Yellow Median Diagonals
734	**TOTAL**				

THERMOPLASTIC PAVEMENT MARKING - LINE 24"

FOOT		LOCATION			
		IL 72			
15	Sta	1785 + 75			White Stop Bar
18	Sta	1785 + 82			White Stop Bar
18	Sta	1786 + 62			White Stop Bar
15	Sta	1786 + 69			White Stop Bar
		IL 251			
15	Sta	786 + 78			White Stop Bar
18	Sta	786 + 86			White Stop Bar
18	Sta	787 + 65			White Stop Bar
15	Sta	787 + 72			White Stop Bar
132	**TOTAL**				

RAISED REFLECTIVE PAVEMENT MARKER

EACH		LOCATION			
		IL 72			
6	Sta	1781 + 75	-	1782 + 84	Two-way Amber LT & RT (3 @ 40' o.c.)
19	Sta	1782 + 84	-	1785 + 77	Two-way Amber LT & RT (40' o.c.)
13	Sta	1786 + 68	-	1788 + 39	Two-way Amber LT & RT (40' o.c.)
6	Sta	1788 + 39	-	1789 + 31	Two-way Amber LT & RT (3 @ 40' o.c.)
		IL 251			
20	Sta	780 + 86	-	785 + 09	Two-way Amber LT & RT (3 @ 40' o.c.)
13	Sta	785 + 09	-	786 + 79	Two-way Amber LT & RT (40' o.c.)
13	Sta	787 + 71	-	789 + 41	Two-way Amber LT & RT (40' o.c.)
6	Sta	789 + 41	-	790 + 43	Two-way Amber LT & RT (3 @ 40' o.c.)
96	**TOTAL**				

GUARDRAIL MARKERS, TYPE A

EACH		LOCATION			
		IL 251			
6	Sta	780 + 86	-	785 + 18	LT
7	Sta	780 + 86	-	785 + 55	RT
13	**TOTAL**				

TERMINAL MARKER - DIRECT APPLIED

EACH		LOCATION			
		IL 251			
1	Sta	785 + 18			LT
1	Sta	785 + 55			RT
2	**TOTAL**				

RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

EACH		LOCATION			
		IL 72			
7	Sta	1782 + 34	-	1788 + 81	
		IL 251			
12	Sta	780 + 86	-	790 + 43	
19	**TOTAL**				

EVERGREEN, THUJA OCCIDENTALIS TECHNY (TECHNY ARBORVITAE), 6' HEIGHT, BALLED AND BURLAPPED

EACH		LOCATION
		IL 72
1	As Directed by the District Landscape Architect	
1	**TOTAL**	

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	23
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DRAIN FOR AGGREGATE BASE COURSE

SQ YD		LOCATION				
		IL 72				
1.7		Sta	1785 + 63			LT
2.0		Sta	1785 + 70			RT
8.7		Sta	1786 + 88			RT
4.0		Sta	1787 + 75			LT
16.4	**TOTAL**					

COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12

FOOT		LOCATION				
		IL 72				
434		Sta	781 + 00	-	785 + 34	LT
470		Sta	781 + 00	-	785 + 70	RT
904	**TOTAL**					

COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.06

FOOT		LOCATION				
		IL 72				
50.6		Sta	1785 + 79	-	1785 + 98	LT
50.3		Sta	1785 + 79	-	1785 + 95	RT
45.0		Sta	1786 + 49	-	1786 + 65	LT
46.2		Sta	1786 + 46	-	1786 + 64	RT
192.1	**TOTAL**					

CHANGEABLE MESSAGE SIGN

CAL MO		LOCATION	
		IL 251	
2		As Directed by the Resident and Operations	(2 Signs for 1 Month Each)
2	**TOTAL**		

FURNISHING AND INSTALLING PROPERTY MARKERS

EACH		LOCATION	
		IL 72	
1		As Needed & Directed by the Resident	
1	**TOTAL**		

GEOTECHNICAL REINFORCEMENT

SQ YD		LOCATION				
		IL 72				
543.6		Sta	1782 + 84	-	1786 + 08	NW Return
510.7		Sta	1783 + 31	-	1786 + 08	SW Return
419.4		Sta	1786 + 36	-	1787 + 64	NE Return
395.1		Sta	1786 + 36	-	1788 + 18	SE Return
1,868.8	**TOTAL**					

RUMBLE RESURFACING

SQ YD		LOCATION	
		IL 72	
91.7		*3 Strips @ 25' x 11' for West Leg	
100.0		*3 Strips @ 25' x 12' for East Leg	
		IL 251	
100.0		*3 Strips @ 25' x 12' for South Leg	
108.3		*3 Strips @ 25' x 13' for North Leg	
400.0	**TOTAL**	*As Directed by Resident and per DS 91.4	

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		DATE -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EARTH WORK SCHEDULE

LOCATION	EARTH EXC (CUT) CU YD	EARTH EXC ADJ SHRINK 25% CU YD	EMBANK (FILL) CU YD	EARTH WORK BALANCE WASTE (+) SHORTAGE (-) CU YD
IL 72				
1781 + 50 - 1787 + 00	1165	874	251	623
1787 + 00 - 1789 + 31	405	304	28	276
IL 251				
780 + 86 - 785 + 00	90	68	47	21
785 + 00 - 790 + 43	990	743	240	502
TOTAL	**2650**	**1988**	**566**	**1422**

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		DRAWN -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EARTHWORK SCHEDULE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	25
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

HOT-MIX ASPHALT SCHEDULE

Location	Remarks (End Location)	Length	Proposed Surface		Bit Materials Prime Coat (2 Applications)	Agg Prime Coat	Polymerized Level Binder, (HM) N70 (10 ton/mile)	Polymerized Level Binder, (MM) N70	Hot-Mix Asphalt Surf. Cse. Mix "C", N50	Hot-Mix Asphalt Binder Cse., IL-19.0, N70	Polymerized Hot-Mix Asphalt Surf. Cse. Mix "D", N70	Hot-Mix Asphalt Shoulders 5 1/2"
			Width	Sq Yd	Ton	Ton	Ton	Ton	Ton	Ton	Ton	Sq Yd
IL 72 Mainline												
Sta 1782 + 34.4 - 1782 + 84.4	Butt Joint	50	26′	144.6	0.08	0.22	0.1	10.1			12.1	
Sta 1782 + 84.4 - 1786 + 8.2	West Leg	323.8	35.5′ & Var	2051.4	1.17	3.08	0.6	143.6			172.3	
Sta 1786 + 36.0 - 1788 + 81.2	East Leg	245.2	26′ & Var	1627.6	0.93	2.44	0.5	113.9			136.7	
Sta 1788 + 81.2 - 1789 + 31.2	Butt Joint	50	26′	144.3	0.08	0.22	0.1	10.1			12.1	
IL 251 Mainline												
Sta 780 + 86.0 - 784 + 24.5	Milled Section	338.5	28.8′	931.1	0.53	1.40	0.6	65.2			78.2	
Sta 784 + 24.5 - 784 + 74.5	50' Taper	50	28.8′	135.4	0.08	0.20	0.1	9.5			11.4	
Sta 784 + 74.5 - 787 + 25.0	South Leg	250.5	28.8′ & Var	698.3	0.40	1.05	0.5	48.9			58.7	
Sta 787 + 25.0 - 789 + 93.0	North Leg	268	27.4′ & Var	796.3	0.46	1.19	0.5	55.7			66.9	
Sta 789 + 93.0 - 790 + 43.0	Butt Joint	50	27.4′	151.4	0.09	0.23	0.1	10.6			12.7	
IL 72 & IL 251 Widening												
Sta 1782 + 84.4 - 1786 + 9.1	NW Return	324.7	Varies	426.1	0.24	0.64				214.8		
Sta 1783 + 31.4 - 1786 + 9.1	SW Return	277.7	Varies	409.0	0.23	0.61				206.1		
Sta 1786 + 35.0 - 1787 + 64.4	NE Return	129.4	Varies	359.4	0.21	0.54				181.1		
Sta 1786 + 35.0 - 1788 + 18.0	SE Return	183	Varies	334.7	0.19	0.50				168.7		
IL 72 Shoulder												
Sta 1781 + 75.3 - 1782 + 84.4	Shldr - LT	109.1	4′ - 9.5′	79.4	0.02				11.1			79.4
Sta 1782 + 84.4 - 1785 + 99.6	Shldr - LT	315.2	2′ - 8′	221.1	0.06				31.0			221.1
Sta 1782 + 84.4 - 1785 + 22.0	Shldr - RT	237.6	2.6′ - 8′	189.7	0.05				26.6			189.7
Sta 1786 + 44.8 - 1788 + 81.2	Shldr - LT	236.4	4′ - 8′	205.4	0.06				28.8			205.4
Sta 1786 + 43.3 - 1788 + 81.2	Shldr - RT	237.9	4′ - 8′	165.5	0.05				23.2			165.5
Sta 1788 + 81.2 - 1789 + 31.2	Shldr - RT	50	8′ - 4′	36.0	0.01				5.0			36.0
Sta 1788 + 81.2 - 1789 + 31.2	Shldr - RT	50	8′ - 4′	32.9	0.01				4.6			32.9
IL 251 Shoulder												
Sta 781 + 5.8 - 784 + 24.5	Shldr - LT	318.7	6′ & Var	212.2	0.06				29.7			212.2
Sta 781 + 5.8 - 784 + 24.5	Shldr - RT	318.7	6′ & Var	213.2	0.06				29.8			213.2
Sta 784 + 24.5 - 784 + 74.5	Shldr - LT	50	6′ & Var	35.2	0.01				4.9			35.2
Sta 784 + 24.5 - 784 + 74.5	Shldr - RT	50	6′ & Var	34.0	0.01				4.8			34.0
Sta 784 + 74.5 - 786 + 1.9	Shldr - LT	127.4	6′ & Var	93.3	0.03				13.1			93.3
Sta 784 + 74.5 - 786 + 26.6	Shldr - RT	152.1	6′ & Var	117.5	0.03				16.5			117.5
Sta 788 + 28.7 - 789 + 93.0	Shldr - LT	164.3	8′	152.6	0.04				21.4			152.6
Sta 788 + 57.6 - 789 + 93.0	Shldr - RT	135.4	8′	119.4	0.03				16.7			119.4
Sta 789 + 93.0 - 790 + 43.0	Shldr - RT	50	8′ - 4′	36.2	0.01				5.1			36.2
Sta 789 + 93.0 - 790 + 43.0	Shldr - RT	50	8′ - 4′	36.1	0.01				5.1			36.1
GRAND TOTAL					5.3	12.3	3.1	467.6	277.2	770.7	561.2	1979.7

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	PLOT SCALE = 50.0000 ' / IN.	DRAWN -	REVISED -			COUNTY OGLE	TOTAL SHEETS 71
	PLOT DATE = Tue Jan 13 15:34:37 2009	CHECKED -	REVISED -				SHEET NO. 26
		DATE -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.	CONTRACT NO. 64E55	
						FED. ROAD DIST. NO. ILLINOIS	FED. AID PROJECT

ENTRANCE SCHEDULE

STATIONING	REMARKS	PROPOSED SURFACE AREA	PROPOSED AGGREGATE AREA	AGGREGATE BASE COURSE TYPE B	BITUMINOUS PRIME	INCIDENTAL HOT-MIX ASPHALT SURFACING
		SQ. YD.	SQ. YD.	TON	TON	TON
IL 72						
1783 + 21 RT	CE	84.9	97.8	44.6	0.12	11.9
1784 + 87 RT	CE	78.2	87.6	39.9	0.11	10.9
1788 + 14 RT	CE	89.7	100.8	45.9	0.13	12.6
1788 + 31 LT	CE	120.4	142.0	64.7	0.17	16.9
IL 251						
789 + 50 RT	CE	159.7	179.0	81.5	0.23	22.4
GRAND TOTAL				**276.6**	**0.8**	**74.6**

** The INCIDENTAL HMA ASPHALT SURFACING is scheduled for 2" thickness, but it is calculated at 2.5" in this schedule.

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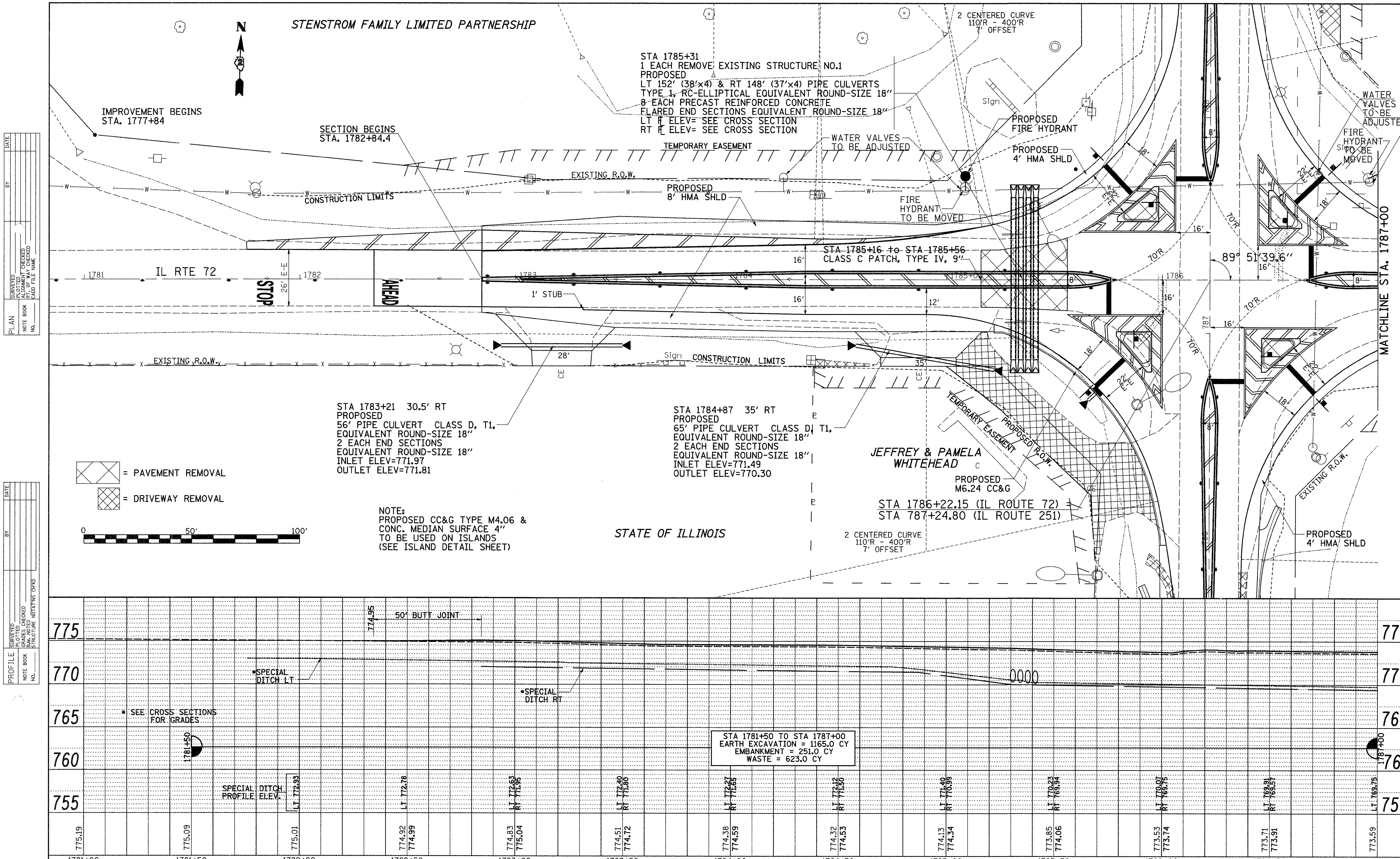
	PLOT DATE = Tue Jan 13 15:34:48 2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ENTRANCE SCHEDULE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	27
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		


STENSTROM FAMILY LIMITED PARTNERSHIP
N
IMPROVEMENT BEGINS
STA. 1777+84
SECTION BEGINS
STA. 1782+84.4
STA 1785+31
1 EACH REMOVE EXISTING STRUCTURE NO.1
PROPOSED
LT 152' (38'x4) & RT 148' (37'x4) PIPE CULVERTS
TYPE 1, RC-ELLIPTICAL EQUIVALENT ROUND-SIZE 18"
8 EACH PRECAST REINFORCED CONCRETE
FLARED END SECTIONS EQUIVALENT ROUND-SIZE 18"
LT ℄ ELEV= SEE CROSS SECTION
RT ℄ ELEV= SEE CROSS SECTION
2 CENTERED CURVE
110'R - 400'R
7' OFFSET
TEMPORARY EASEMENT
WATER VALVES
TO BE ADJUSTED
PROPOSED
FIRE HYDRANT
PROPOSED
4' HMA SHLD
WATER
VALVES
TO BE
ADJUSTED
FIRE
HYDRANT
TO BE
MOVED
EXISTING R.O.W.
CONSTRUCTION LIMITS
PROPOSED
8' HMA SHLD
FIRE
HYDRANT
TO BE MOVED
STA 1785+16 to STA 1785+56
CLASS C PATCH, TYPE IV, 9"
89° 51'39.6"
MATCHLINE STA. 1787+00
IL RTE 72
STOP
AHEAD
26' E-E
1' STUB
16'
12'
8'
70'R
28'
35'
22' E-E
18'
EXISTING R.O.W.
CONSTRUCTION LIMITS
Sign
STA 1783+21 30.5' RT
PROPOSED
56' PIPE CULVERT CLASS D, T1,
EQUIVALENT ROUND-SIZE 18"
2 EACH END SECTIONS
EQUIVALENT ROUND-SIZE 18"
INLET ELEV=771.97
OUTLET ELEV=771.81
STA 1784+87 35' RT
PROPOSED
65' PIPE CULVERT CLASS D, T1,
EQUIVALENT ROUND-SIZE 18"
2 EACH END SECTIONS
EQUIVALENT ROUND-SIZE 18"
INLET ELEV=771.49
OUTLET ELEV=770.30
JEFFREY & PAMELA
WHITEHEAD
TEMPORARY EASEMENT
PROPOSED R.O.W.
PROPOSED
M6.24 CC&G
STA 1786+22.15 (IL ROUTE 72)
STA 787+24.80 (IL ROUTE 251)
EXISTING R.O.W.
PROPOSED
4' HMA SHLD
= PAVEMENT REMOVAL
= DRIVEWAY REMOVAL
0
50'
100'
NOTE:
PROPOSED CC&G TYPE M4.06 &
CONC. MEDIAN SURFACE 4"
TO BE USED ON ISLANDS
(SEE ISLAND DETAIL SHEET)
STATE OF ILLINOIS
2 CENTERED CURVE
110'R - 400'R
7' OFFSET
774.95
50' BUTT JOINT
775
770
765
760
755
*SPECIAL
DITCH LT
*SPECIAL
DITCH RT
* SEE CROSS SECTIONS
FOR GRADES
STA 1781+50 TO STA 1787+00
EARTH EXCAVATION = 1165.0 CY
EMBANKMENT = 251.0 CY
WASTE = 623.0 CY
SPECIAL DITCH
PROFILE ELEV.
LT 772.93
LT 772.78
LT 772.63
RT 771.95
LT 772.40
RT 771.80
LT 772.27
RT 771.65
LT 772.12
RT 771.50
LT 771.40
RT 770.99
LT 770.23
RT 769.94
LT 770.07
RT 769.75
LT 769.91
RT 769.57
LT 769.75
775.19
775.09
775.01
774.92
774.99
774.83
775.04
774.51
774.72
774.38
774.59
774.32
774.53
774.13
774.34
773.85
774.06
773.53
773.74
773.71
773.91
773.59
1781+00
1781+50
1782+00
1782+50
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1783+50
1784+00
1784+50
1785+00
1785+50
1786+00
1786+50
1787+00

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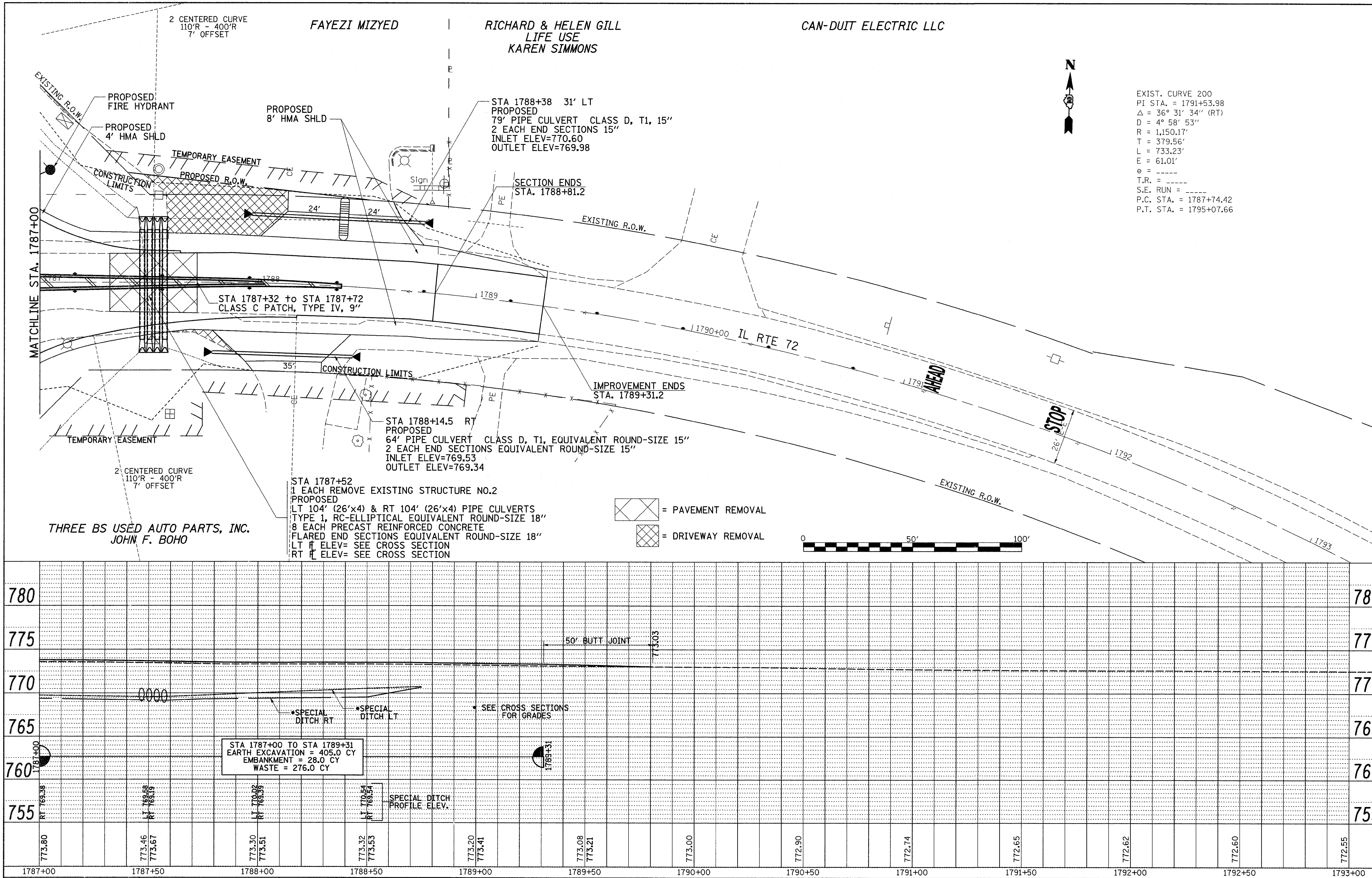
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 72 PLAN & PROFILE

SCALE: 1" = 20' | SHEET NO. OF SHEETS | STA. 1781+00 TO STA. 1787+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	28
		CONTRACT NO. 64E55		

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



FAYEZI MIZYED
RICHARD & HELEN GILL
LIFE USE
KAREN SIMMONS
CAN-DUIT ELECTRIC LLC
2 CENTERED CURVE
110'R - 400'R
7' OFFSET
EXISTING R.O.W.
PROPOSED FIRE HYDRANT
PROPOSED 4' HMA SHLD
PROPOSED 8' HMA SHLD
TEMPORARY EASEMENT
CONSTRUCTION LIMITS
PROPOSED R.O.W.
STA 1788+38 31' LT
PROPOSED
79' PIPE CULVERT CLASS D, T1, 15"
2 EACH END SECTIONS 15"
INLET ELEV=770.60
OUTLET ELEV=769.98
SECTION ENDS
STA. 1788+81.2
EXIST. CURVE 200
PI STA. = 1791+53.98
Δ = 36° 31' 34" (RT)
D = 4° 58' 53"
R = 1,150.17'
T = 379.56'
L = 733.23'
E = 61.01'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 1787+74.42
P.T. STA. = 1795+07.66
N
MATCHLINE STA. 1787+00
STA 1787+32 to STA 1787+72
CLASS C PATCH, TYPE IV, 9"
IL RTE 72
AHEAD
STOP
IMPROVEMENT ENDS
STA. 1789+31.2
STA 1788+14.5 RT
PROPOSED
64' PIPE CULVERT CLASS D, T1, EQUIVALENT ROUND-SIZE 15"
2 EACH END SECTIONS EQUIVALENT ROUND-SIZE 15"
INLET ELEV=769.53
OUTLET ELEV=769.34
TEMPORARY EASEMENT
2 CENTERED CURVE
110'R - 400'R
7' OFFSET
STA 1787+52
1 EACH REMOVE EXISTING STRUCTURE NO.2
PROPOSED
LT 104' (26'x4) & RT 104' (26'x4) PIPE CULVERTS
TYPE 1, RC-ELLIPTICAL EQUIVALENT ROUND-SIZE 18"
8 EACH PRECAST REINFORCED CONCRETE
FLARED END SECTIONS EQUIVALENT ROUND-SIZE 18"
LT FL ELEV= SEE CROSS SECTION
RT FL ELEV= SEE CROSS SECTION
THREE BS USED AUTO PARTS, INC.
JOHN F. BOHO
= PAVEMENT REMOVAL
= DRIVEWAY REMOVAL
0 50' 100'
EXISTING R.O.W.
50' BUTT JOINT
773.03
*SPECIAL DITCH RT
*SPECIAL DITCH LT
* SEE CROSS SECTIONS FOR GRADES
STA 1787+00 TO STA 1789+31
EARTH EXCAVATION = 405.0 CY
EMBANKMENT = 28.0 CY
WASTE = 276.0 CY
SPECIAL DITCH PROFILE ELEV.
RT 769.38
LT 769.58 RT 769.19
LT 770.02 RT 769.39
LT 770.54 RT 769.54
780 775 770 765 760 755
773.80
773.46 773.67
773.30 773.51
773.32 773.53
773.20 773.41
773.08 773.21
773.00
772.90
772.74
772.65
772.62
772.60
772.55
1787+00 1787+50 1788+00 1788+50 1789+00 1789+50 1790+00 1790+50 1791+00 1791+50 1792+00 1792+50 1793+00

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	PLOT SCALE = 20.0000 ' / IN.	DRAWN -	REVISED -		SCALE: 1" = 20' SHEET NO. OF SHEETS STA. 1787+00 TO STA. 1793+00
	PLOT DATE = Tue Jan 13 15:42:28 2009	CHECKED -	REVISED -		
		DATE -	REVISED -		

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	29
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK NO. — BY — DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATIONS CHKD / NOTE BOOK NO. — BY — DATE

STATE OF ILLINOIS

EXISTING R.O.W.

EXISTING
GUTTER REMOVAL

PROPOSED
M4.12 CC&G

PROPOSED
2 EACH TRAFFIC BARRIER TERMINAL
TYPE 1 (SPL) TANGENT

IMPROVEMENT BEGINS
SECTION ENDS
STA. 780+85.5

1' STUB

779 | 780+00 | 781 | 782 | 783 | 784

IL RTE 251

24' E-E

50' TYPICAL TAPER

1' STUB

MATCHLINE STA. 785+00

EXISTING R.O.W.

PROPOSED
6' HMA SHLD

EXISTING
GUARDRAIL REMOVAL LT & RT
PROPOSED GUARDRAIL LT & RT

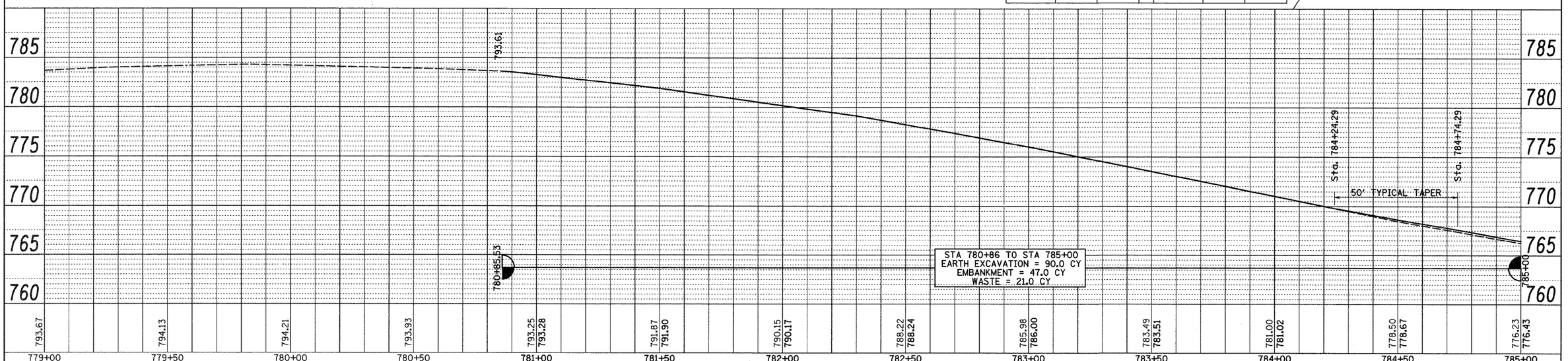
LOCATION OF GUTTER FLOW LINE					
STA	OFFSET RT	OFFSET LT	STA	OFFSET RT	OFFSET LT
784+20	19.08'	19.32'	785+20	20.78'	22.03'
784+30	19.08'	19.32'	785+30	21.18'	22.43'
784+40	19.08'	19.39'	785+40	21.58'	22.83'
784+50	19.08'	19.59'	785+50	21.98'	23.31'
784+60	19.28'	19.79'	785+60	22.38'	24.53'
784+70	19.48'	20.03'	785+70	22.79'	26.62'
784+80	19.68'	20.43'	785+80	23.19'	29.98'
784+90	19.88'	20.83'	785+90	24.04'	--
785+00	20.08'	21.23'	786+00	25.70'	--
785+10	20.38'	21.63'	786+10	28.33'	--

THREE BS USED AUTO PARTS, INC.
JOHN F. BOHO

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

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
BY MICROSTATION
STRUCTURE NO
TYATNS CHKD
NOTE BOOK
NO.
BY
DATE

0 50' 100'



STA 780+86 TO STA 785+00
EARTH EXCAVATION = 90.0 CY
EMBANKMENT = 47.0 CY
WASTE = 21.0 CY

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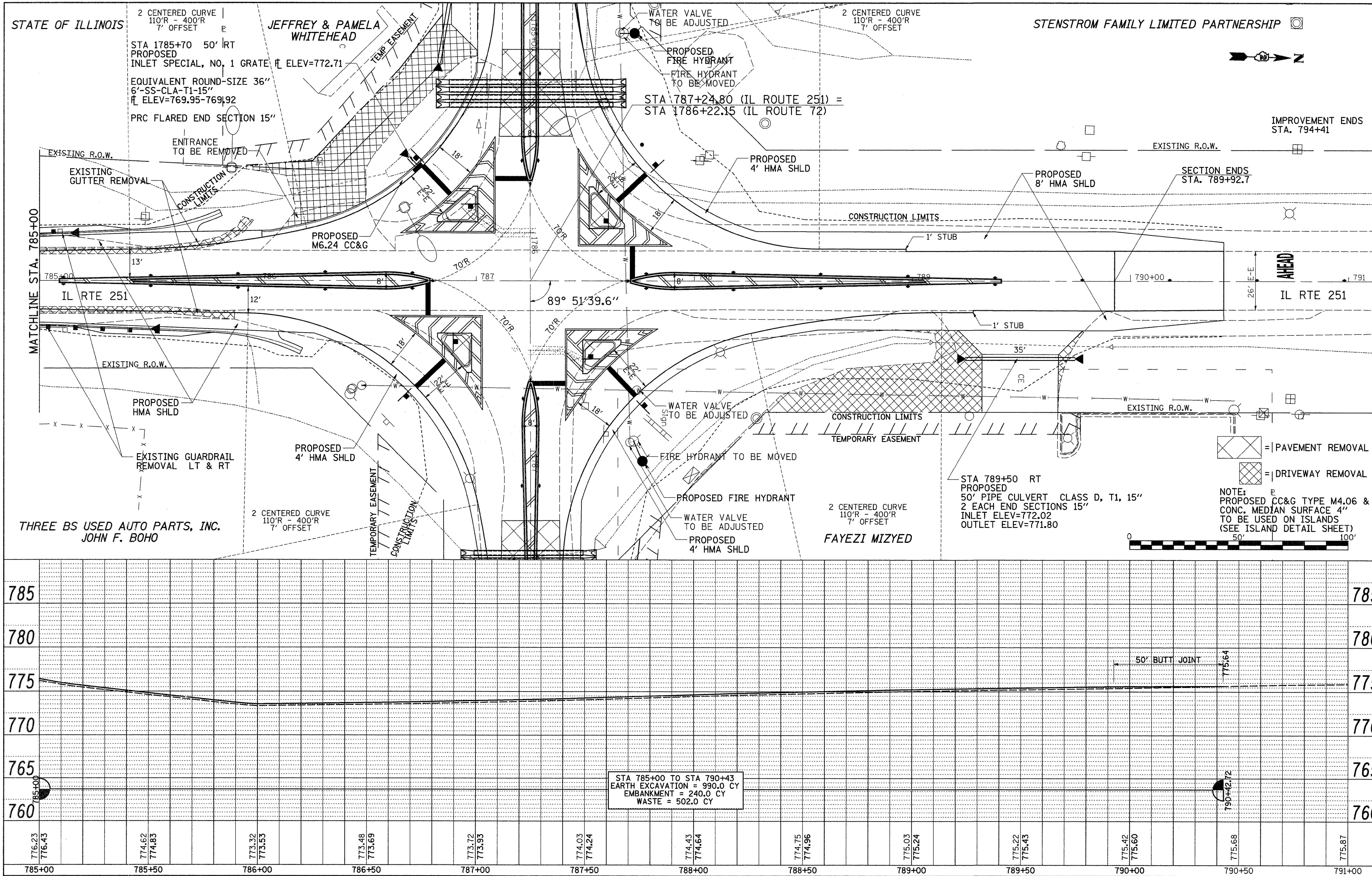
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 251 PLAN & PROFILE

SCALE: 1" = 20' | SHEET NO. OF SHEETS | STA. 784+50 | TO STA. 790+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	30
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		


STATE OF ILLINOIS
2 CENTERED CURVE
110'R - 400'R
7' OFFSET
JEFFREY & PAMELA WHITEHEAD
STA 1785+70 50' RT
PROPOSED
INLET SPECIAL, NO. 1 GRATE ℄ ELEV=772.71
EQUIVALENT ROUND-SIZE 36"
6'-SS-CLA-T1-15"
℄ ELEV=769.95-769.92
PRC FLARED END SECTION 15"
ENTRANCE
TO BE REMOVED
TEMP EASEMENT
EXISTING R.O.W.
EXISTING
GUTTER REMOVAL
CONSTRUCTION LIMITS
MATCHLINE STA. 785+00
PROPOSED
M6.24 CC&G
IL RTE 251
PROPOSED
HMA SHLD
EXISTING GUARDRAIL
REMOVAL LT & RT
PROPOSED
4' HMA SHLD
THREE BS USED AUTO PARTS, INC.
JOHN F. BOHO
TEMPORARY EASEMENT
WATER VALVE
TO BE ADJUSTED
PROPOSED
FIRE HYDRANT
FIRE HYDRANT
TO BE MOVED
STA 787+24.80 (IL ROUTE 251) =
STA 1786+22.15 (IL ROUTE 72)
89° 51'39.6"
PROPOSED
4' HMA SHLD
PROPOSED
8' HMA SHLD
STENSTROM FAMILY LIMITED PARTNERSHIP
IMPROVEMENT ENDS
STA. 794+41
SECTION ENDS
STA. 789+92.7
CONSTRUCTION LIMITS
1' STUB
AHEAD
IL RTE 251
WATER VALVE
TO BE ADJUSTED
FIRE HYDRANT TO BE MOVED
PROPOSED FIRE HYDRANT
WATER VALVE
TO BE ADJUSTED
PROPOSED
4' HMA SHLD
FAYEZI MIZYED
TEMPORARY EASEMENT
STA 789+50 RT
PROPOSED
50' PIPE CULVERT CLASS D, T1, 15"
2 EACH END SECTIONS 15"
INLET ELEV=772.02
OUTLET ELEV=771.80
= PAVEMENT REMOVAL
= DRIVEWAY REMOVAL
NOTE:
PROPOSED CC&G TYPE M4.06 &
CONC. MEDIAN SURFACE 4"
TO BE USED ON ISLANDS
(SEE ISLAND DETAIL SHEET)
0 50' 100'
50' BUTT JOINT
STA 785+00 TO STA 790+43
EARTH EXCAVATION = 990.0 CY
EMBANKMENT = 240.0 CY
WASTE = 502.0 CY
785
780
775
770
765
760
776.23 776.43
774.62 774.83
773.32 773.53
773.48 773.69
773.72 773.93
774.03 774.24
774.43 774.64
774.75 774.96
775.03 775.24
775.22 775.43
775.42 775.60
775.68
775.87
785+00
785+50
786+00
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787+00
787+50
788+00
788+50
789+00
789+50
790+00
790+50
791+00

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

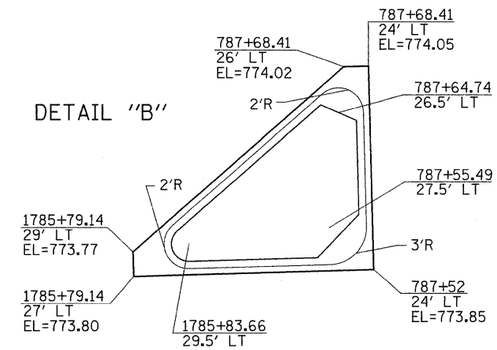
IL RTE 251 PLAN & PROFILE

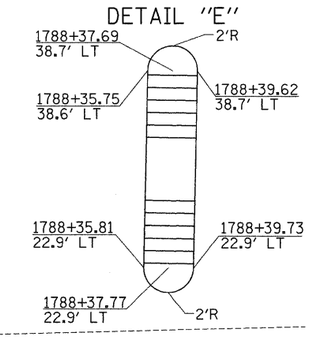
SCALE: 1" = 20' | SHEET NO. OF SHEETS | STA. 784+50 TO STA. 790+50

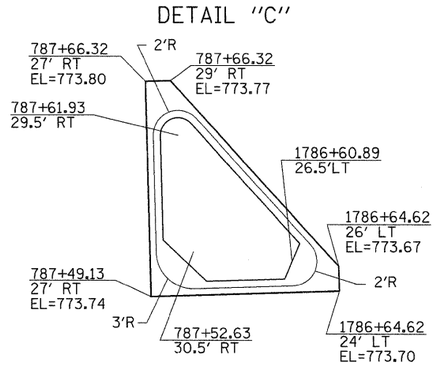
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	31
		CONTRACT NO. 64E55		

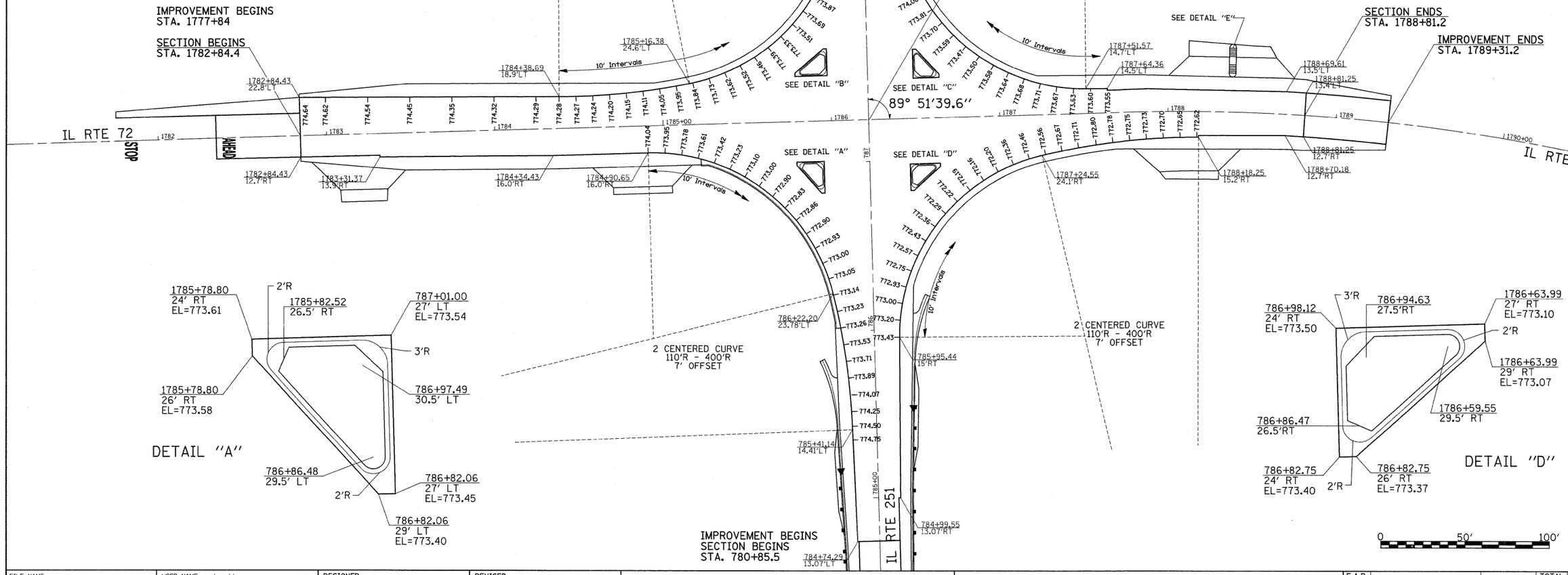
FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

PAVEMENT ELEVATIONS









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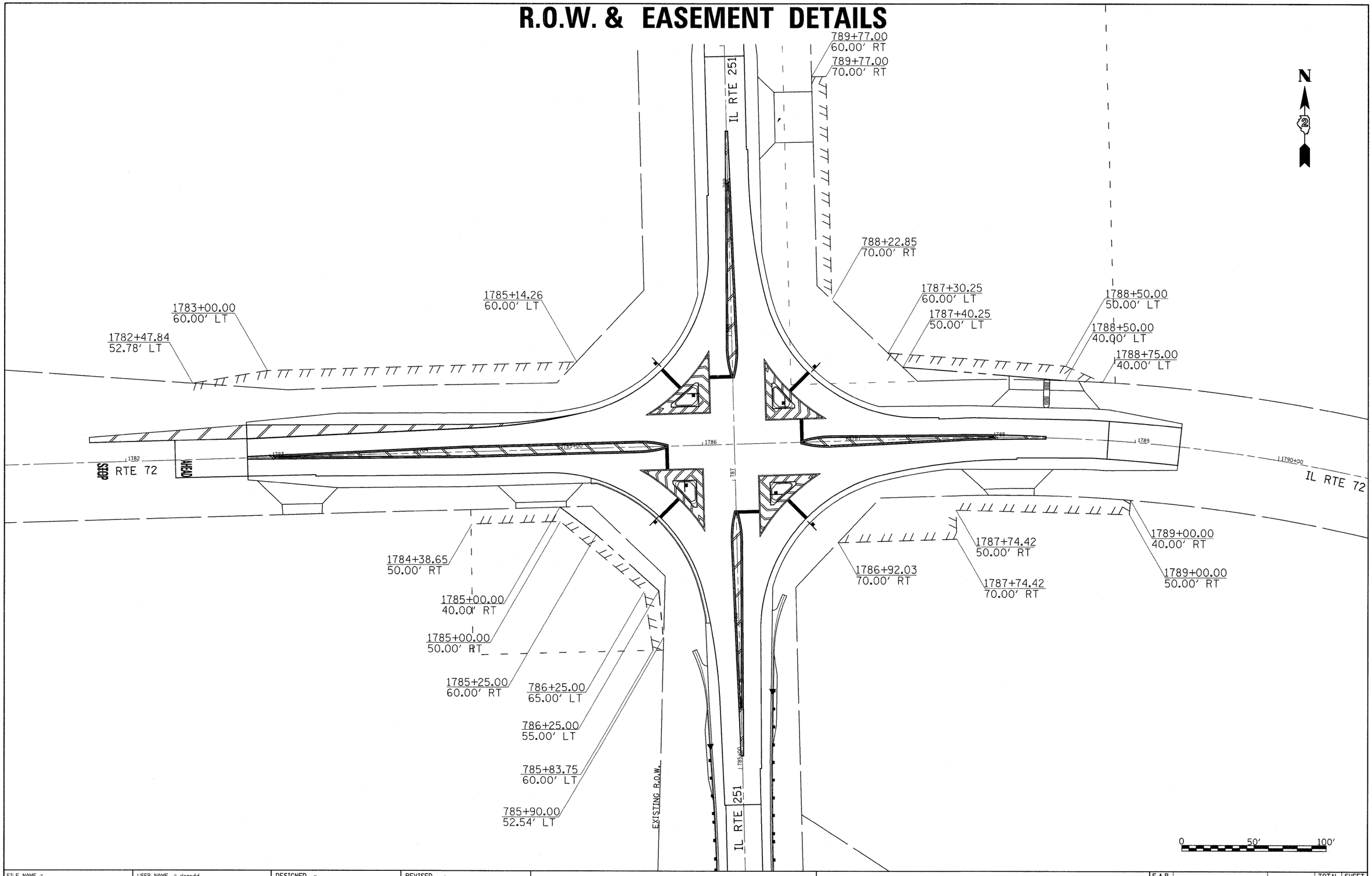
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 251 & IL 72
PAVEMENT ELEVATIONS

SCALE: 1" = 30' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	32
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

R.O.W. & EASEMENT DETAILS



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 251 & IL 72
R.O.W. & EASEMENT DETAILS

SCALE: 1" = 30' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	33
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EROSION CONTROL

IMPROVEMENT ENDS
STA. 794+41

SECTION ENDS
STA. 789+92.7

STA 789+50 RT
PROPOSED
50' PIPE CULVERT CLASS D, T1, 15"
2 EACH END SECTIONS 15"
INLET ELEV=772.02
OUTLET ELEV=771.80

IL RTE 251

EXIST. CURVE 200
PI STA. = 1791+53.98
Δ = 36° 31' 34" (RT)
D = 4° 58' 53"
R = 1,150.17'
T = 379.56'
L = 733.23'
E = 61.01'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 1787+74.42
P.T. STA. = 1795+07.66

N

STA 1786+22.15 (IL ROUTE 72) =
STA 787+24.80 (IL ROUTE 251)

STA 1785+31
1 EACH REMOVE EXISTING STRUCTURE NO.1
PROPOSED
LT 152' (38'x4) & RT 148' (37'x4) PIPE CULVERTS
TYPE 1, RC-ELLIPTICAL EQUIVALENT ROUND-SIZE 18"
8 EACH PRECAST REINFORCED CONCRETE
FLARED END SECTIONS EQUIVALENT ROUND-SIZE 18"
LT ℄ ELEV= SEE CROSS SECTION
RT ℄ ELEV= SEE CROSS SECTION

2 CENTERED CURVE
110'R - 400'R
7' OFFSET

2 CENTERED CURVE
110'R - 400'R
7' OFFSET

IMPROVEMENT BEGINS
STA. 1777+84

SECTION BEGINS
STA. 1782+84.4

EXISTING R.O.W.

TEMPORARY EASEMENT

PROPOSED R.O.W.

EXISTING R.O.W.

TEMPORARY EASEMENT

STA 1788+38 31' LT
PROPOSED
79' PIPE CULVERT CLASS D, T1, 15"
2 EACH END SECTIONS 15"
INLET ELEV=770.60
OUTLET ELEV=769.98

SECTION ENDS
STA. 1788+81.2

IMPROVEMENT ENDS
STA. 1789+31.2

89°51'39.6"

RTE 72

IL RTE 72

STA 1783+21 30.5' RT
PROPOSED
56' PIPE CULVERT CLASS D, T1,
EQUIVALENT ROUND-SIZE 18"
2 EACH END SECTIONS
EQUIVALENT ROUND-SIZE 18"
INLET ELEV=771.97
OUTLET ELEV=771.81

STA 1784+87 35' RT
PROPOSED
65' PIPE CULVERT CLASS D, T1,
EQUIVALENT ROUND-SIZE 18"
2 EACH END SECTIONS
EQUIVALENT ROUND-SIZE 18"
INLET ELEV=771.49
OUTLET ELEV=770.30

2 CENTERED CURVE
110'R - 400'R
7' OFFSET

STA 1785+70 50' RT
PROPOSED
INLET SPECIAL, NO. 1
GRATE ℄ ELEV=772.71

EQUIVALENT ROUND-SIZE 36"
6'-SS-CLA-T1-15"
℄ ELEV=769.95-769.92

PRC FLARED END SECTION 15"

2 CENTERED CURVE
110'R - 400'R
7' OFFSET

EROSION CONTROLL BARRIER
BEGIN STA. 784+35 RT (IL 251)
END STA. 1787+96 RT (IL 72)

STA 1788+14.5 RT
PROPOSED
64' PIPE CULVERT
CLASS D, T1, EQUIVALENT ROUND-SIZE 15"
2 EACH END SECTIONS EQUIVALENT ROUND-SIZE 15"
INLET ELEV=769.53
OUTLET ELEV=769.34

STA 1787+52
1 EACH REMOVE EXISTING STRUCTURE NO.2
PROPOSED
LT 104' (26'x4) & RT 104' (26'x4) PIPE CULVERTS
TYPE 1, RC-ELLIPTICAL EQUIVALENT ROUND-SIZE 18"
8 EACH PRECAST REINFORCED CONCRETE
FLARED END SECTIONS EQUIVALENT ROUND-SIZE 18"
LT ℄ ELEV= SEE CROSS SECTION
RT ℄ ELEV= SEE CROSS SECTION

IMPROVEMENT BEGINS
SECTION ENDS
STA. 780+85.5

EXISTING R.O.W.

IL RTE 251

LEGEND

- INLET PIPE PROTECTION
- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK*

0 50' 100'

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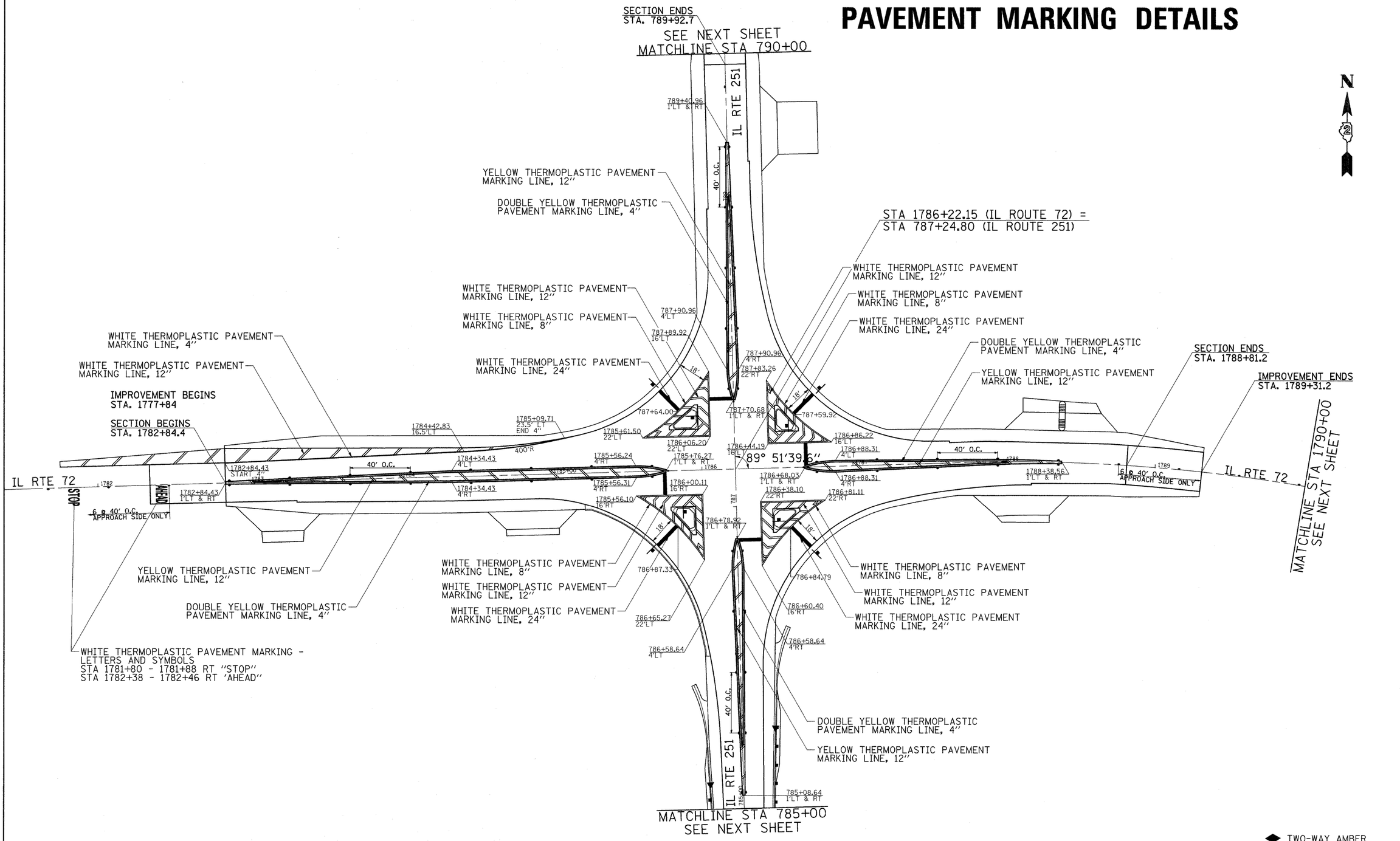
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 251 & IL 72
EROSION CONTROL SHEET

SCALE: 1" = 30' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	34
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PAVEMENT MARKING DETAILS



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	PLOT SCALE = 30.0000 ' / IN.	DRAWN -	REVISED -		
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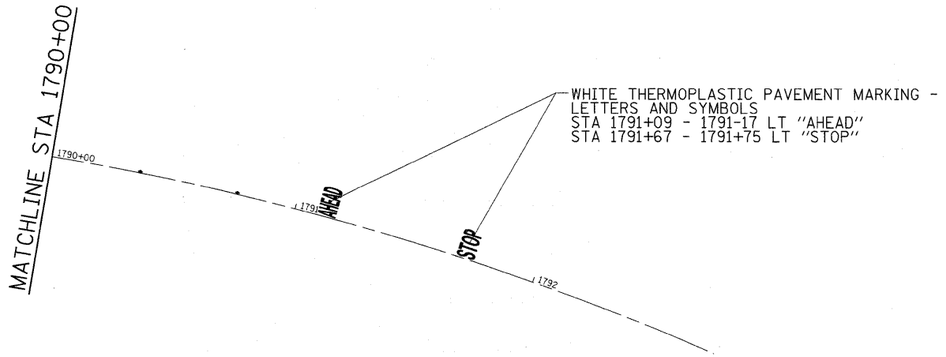
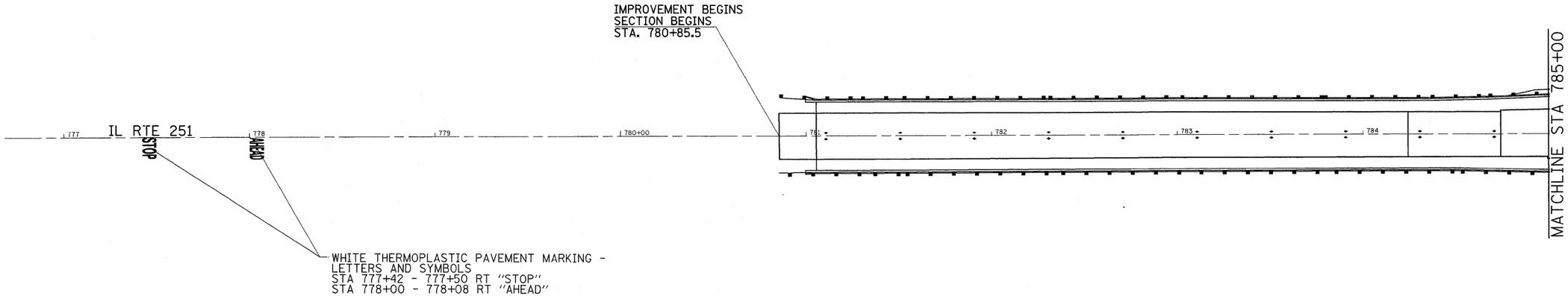
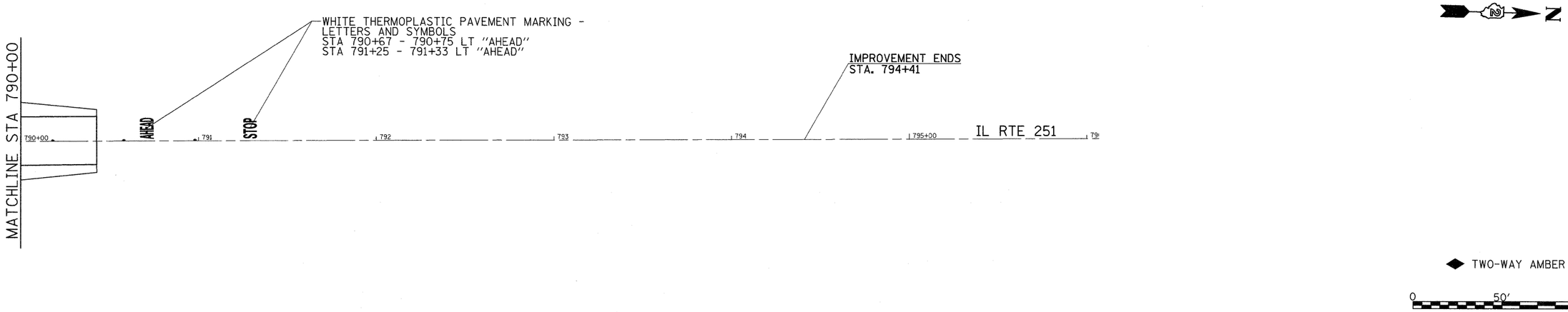
		DATE -	REVISED -		SCALE: / SHEET NO. OF SHEETS / STA. / TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	35
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PAVEMENT MARKING DETAILS







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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 251 & IL 72
PAVEMENT MARKING DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	36
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TABULATION OF LIGHTING AND FLASHING BEACON SYSTEM

	PAY CODE	ITEM	UNIT	TOTAL
*		WIRELESS VEHICLE DETECTION AND WARNING SYSTEM COMPLETE	EACH	1
	72000100	SIGN PANEL, TYPE I	SQ FT	141
	80400100	ELECTRIC SERVICE INSTALLATION	EACH	1
	81020500	CONDUIT PUSHED 2" DIA., INTERMEDIATE METAL	FOOT	226
	81603000	UNIT DUCT, 600V, 2-1C NO. 8 1C NO. 8 GROUND (XLP-TYPE USE), 3/4" POLYETHYLENE	FOOT	894
	81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	633
	82104000	LUMINAIRE SODUIM VAPOR, MULTI-MOUNT 400 WATT	EACH	6
	82500605	LIGHTING CONTROLLER PHOTOCELL RELAY	EACH	1
	83034400	LIGHT POLE, STEEL, 45 FT M.H., TENON MOUNT	EACH	2
	83035400	LIGHT POLE, STEEL, 45 FT M.H., TENON MOUNT - TWIN	EACH	2
*	83600100	LIGHT POLE FOUNDATION	EACH	4
	83800650	BREAKAWAY DEVICE COUPLING, WITH STAINLESS STEEL SCREEN	EACH	16
	87502450	TRAFFIC SIGNAL POST, STEEL, 11 FT	EACH	2
	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	12
	89501150	RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	2
	89502380	REMOVE EXISTING HANDHOLE	EACH	2
*	89502400	REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE	EACH	1
*	X0323223	MAINTAIN EXISTING LIGHTING SYSTEM	L SUM	1
*	X0323319	POST MOUNTED FLASHING BEACON INSTALLATION (SPECIAL)	EACH	6
*		SOLAR-POWER FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	4
*	X0325541	REMOVE EXISTING LIGHTING SYSTEM	L SUM	1

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TABULATION OF LIGHTING AND FLASHING BEACON QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	37
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

ADVANCE SOLAR FLASHING ON
STOP AHEAD SIGN ON A WOOD SUPPORT
NOTE:
TO BE INSTALLED AS INTERSECTION IS PLACED IN
4-WAY STOP PRIOR TO CONSTRUCTION
STA 793+25 LEFT

ADVANCE SOLAR FLASHING ON
STOP AHEAD SIGN ON A WOOD SUPPORT
NOTE:
TO BE INSTALLED AS INTERSECTION IS PLACED IN
4-WAY STOP PRIOR TO CONSTRUCTION
STA 793+25 RIGHT

N

188' - UNIT DUCT, 600V, 2-1C No. 8 1/C No. 8 GROUND (XLP-TYPE USE), 3/4" POLYETHYLENE

162' CONDUIT PUSHED 2" DIA. INTERMEDIATE METAL

SOLAR POWERED FLASHING BEACON ON STOP SIGN IN ISLAND ON NEW 11' SIGNAL POST

SOLAR POWERED FLASHING BEACON ON STOP SIGN IN ISLAND ON RELOCATED SIGNAL POST

PROPOSED TWIN LIGHTING LOCATION

ADVANCE SOLAR FLASHING ON
STOP AHEAD SIGN ON WOOD
SUPPORT STA 179+75 LEFT

ADVANCE SOLAR FLASHING ON
STOP AHEAD SIGN ON WOOD SUPPORT
STA 1781+50 RIGHT

SOLAR POWERED FLASHING BEACON
ON STOP SIGN IN ISLAND

64' - CONDUIT PUSHED 2" DIA. INTERMEDIATE METAL

76' - UNIT DUCT, 600V, 2-1C No. 8 1/C No. 8 GROUND (XLP-TYPE USE), 3/4" POLYETHYLENE

PROPOSED LIGHTING CONTROLLER LOCATION, 30A, 120/240V, 1 PHASE

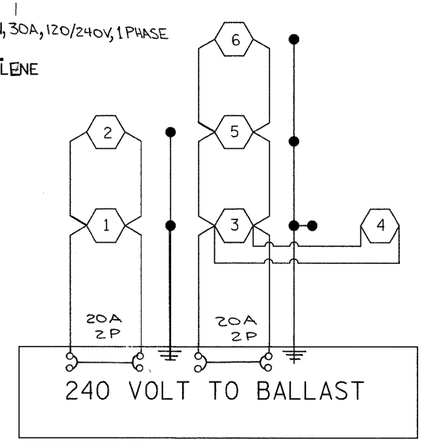
7' - UNIT DUCT, 600V, 2-1C No. 8 1/C No. 8 GROUND (XLP-TYPE USE), 3/4" POLYETHYLENE

PROPOSED TWIN LIGHTING LOCATION

PROPOSED SERVICE INSTALLATION

SOLAR POWERED FLASHING BEACON
ON STOP SIGN IN ISLAND ON NEW 11'
SIGNAL POST

312' - UNIT DUCT, 600V, 2-1C No. 8 1/C No. 8 GROUND (XLP-TYPE USE), 3/4" POLYETHYLENE



GENERAL NOTES;
THE CONTRACTOR SHALL CONTACT SCOTT KULLERSTRAND (815-284-4568) WITH THE IL DOT PRIOR TO THE TURN-ON OF THE PROPOSED LIGHTING.

THE CONTRACTOR SHALL CONTACT KURT GLAZIER (815-284-5478) WITH THE IL DOT 2 WEEKS PRIOR TO THE INSTALLATION OF THE SOLAR POWERED FLASHING BEACONS FOR VERIFICATION OF LOCATIONS

THE COLOR OF THE LUMINAIRES SHALL MATCH THE COLOR OF THE LIGHT POLES.

MATCHLINE STA 786+50

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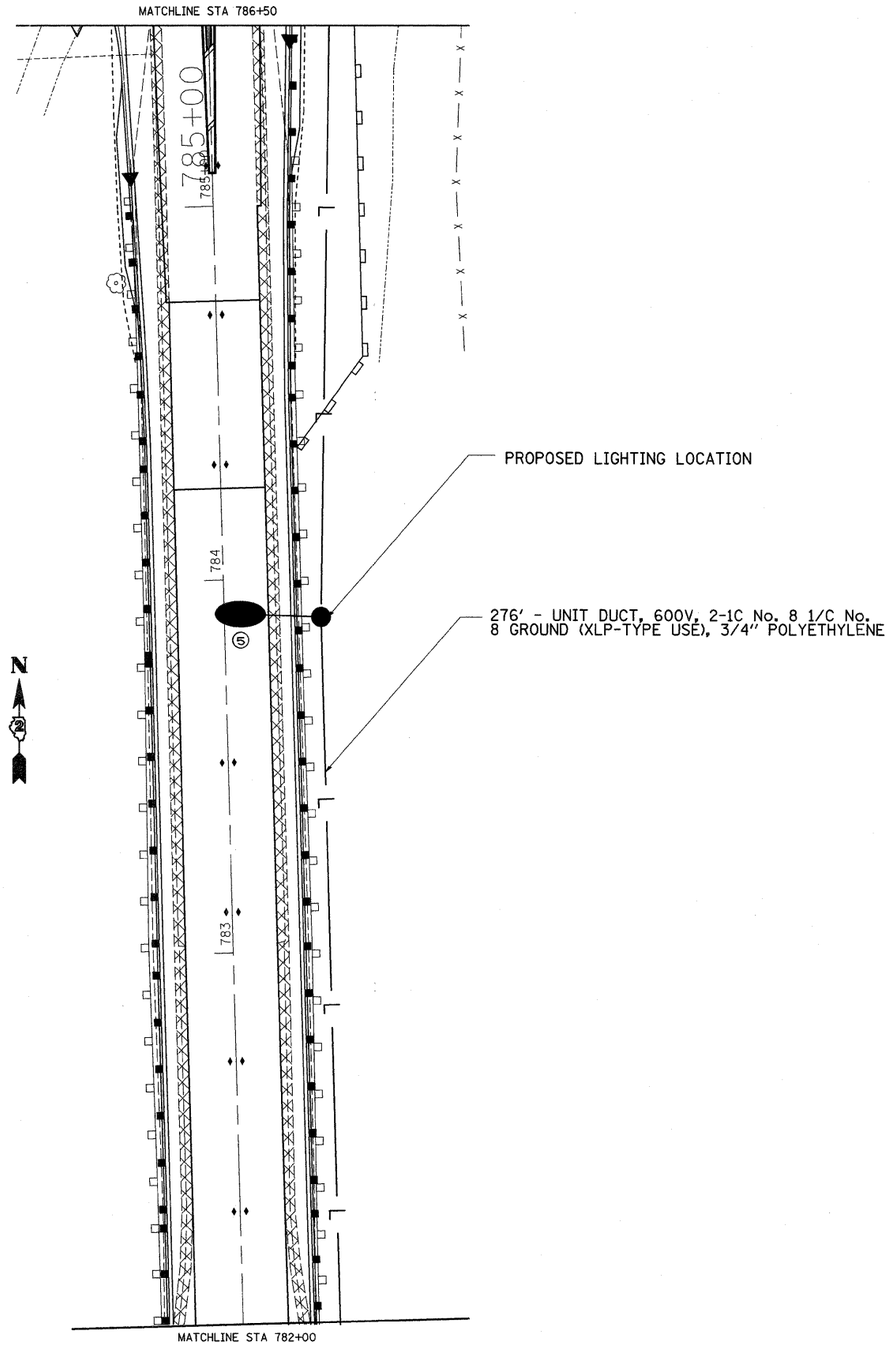
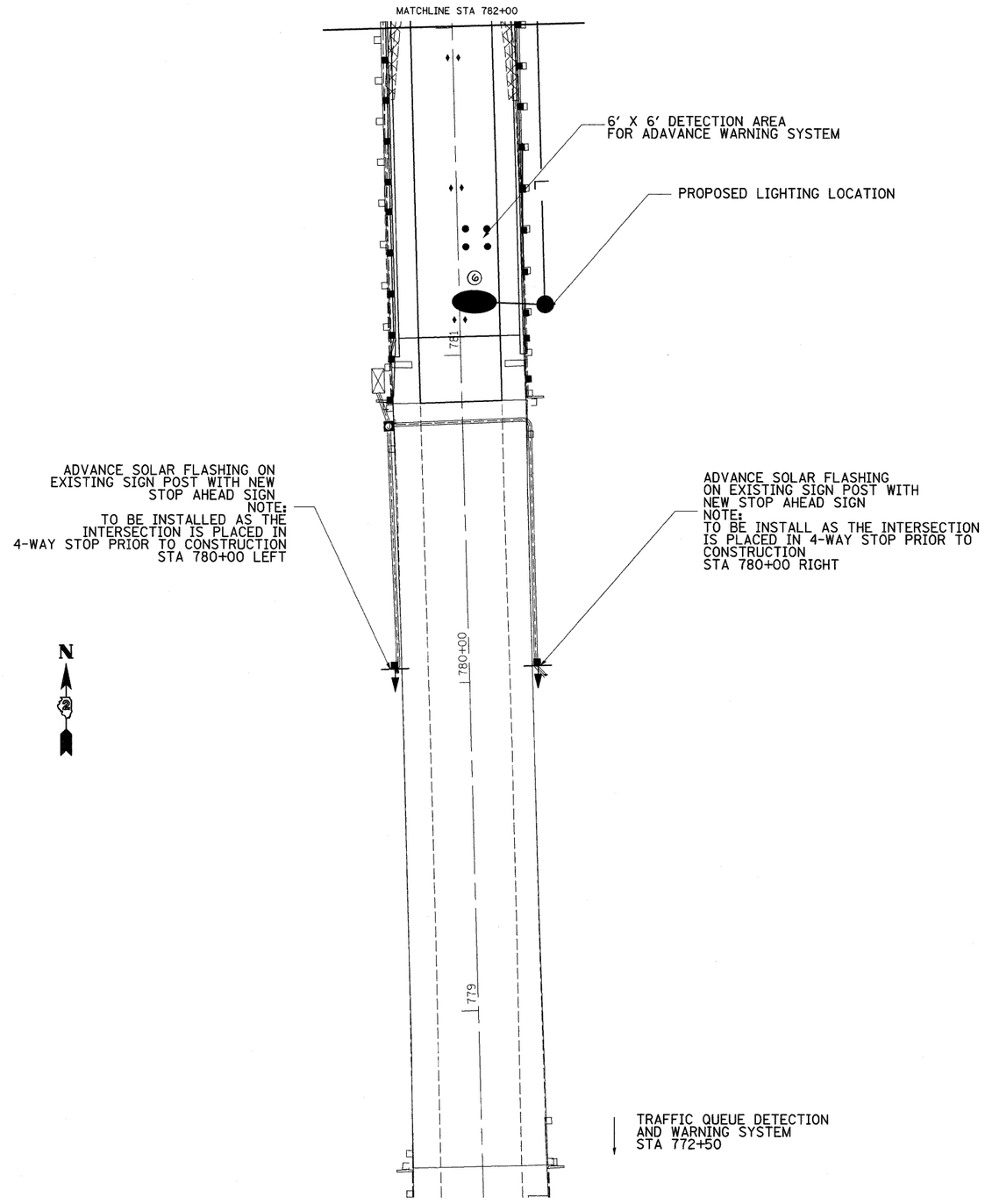
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING AND SIGNING DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	38
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





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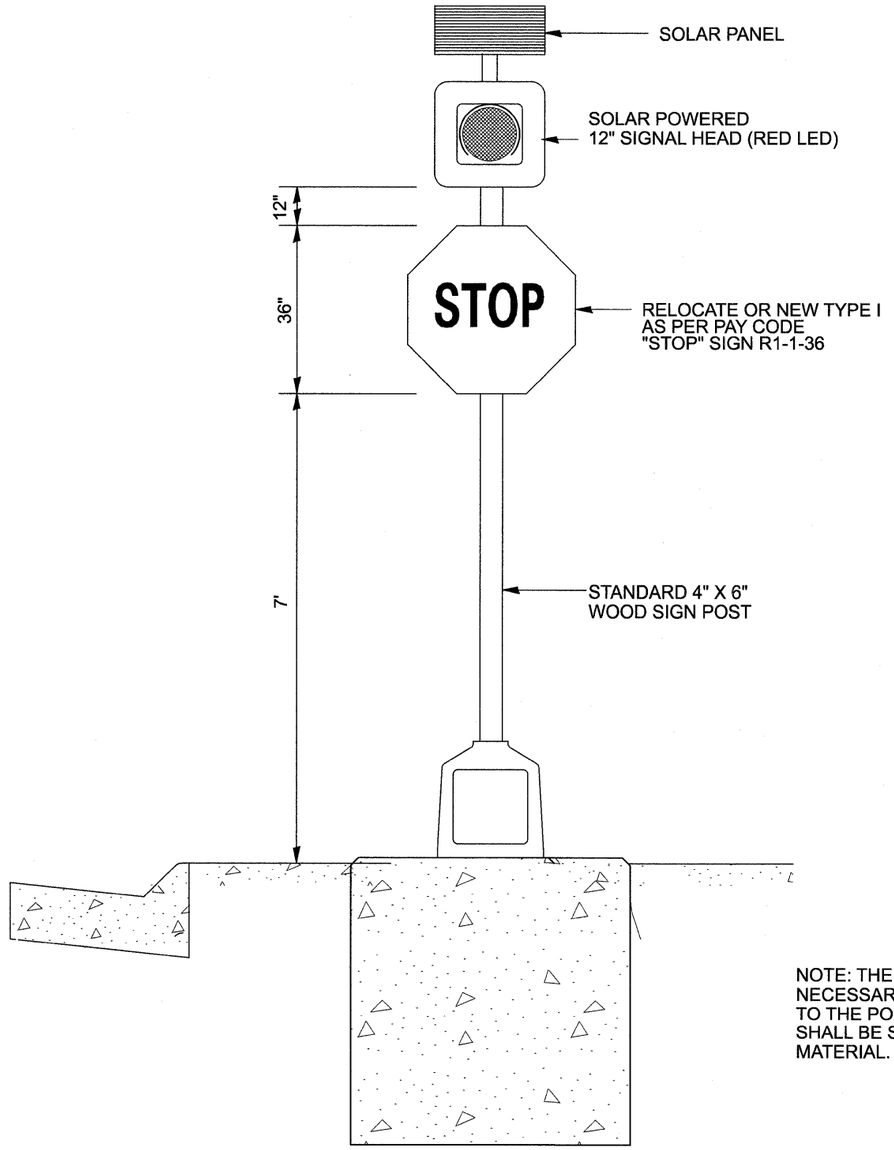
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

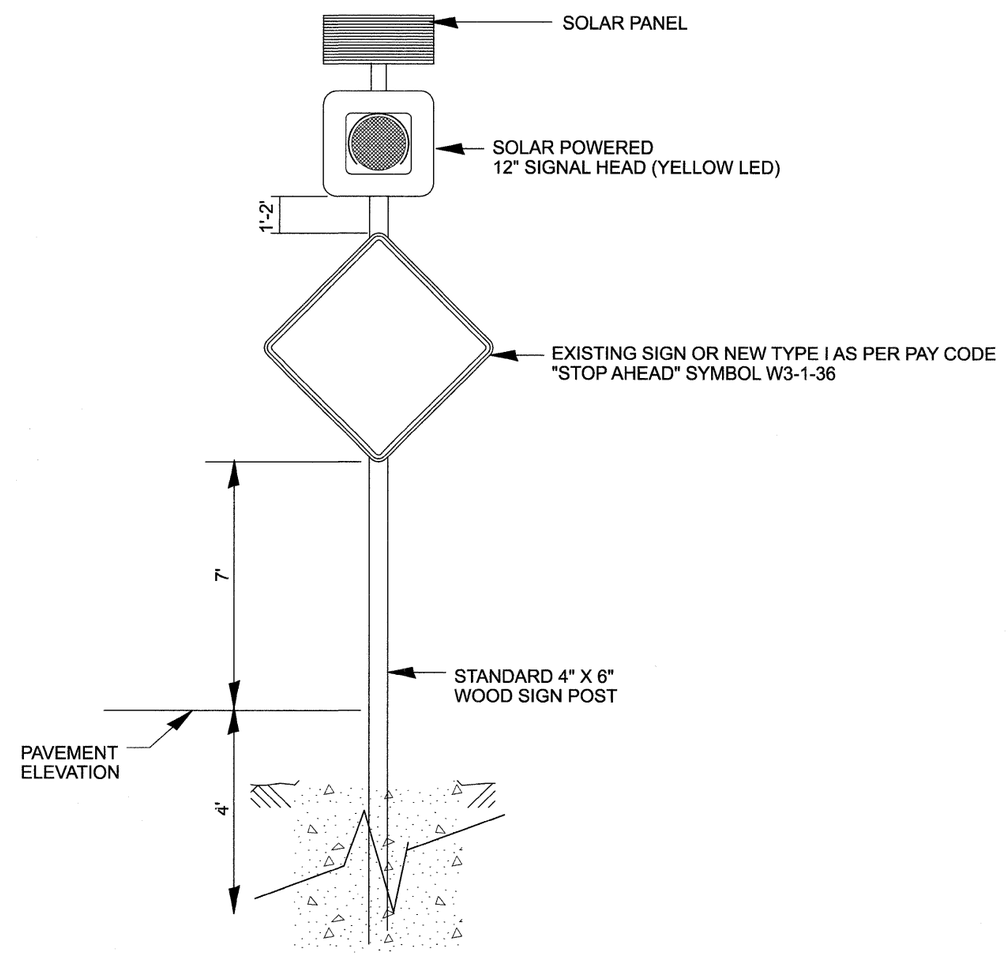
LIGHTING AND SIGNING DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	39
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SOLAR POWER
FLASHER DETAIL





NOTE: THE CONTRACTOR SHALL SUPPLY ALL NECESSARY HARDWARE TO MOUNT THE SIGNS TO THE POST. THIS MOUNTING HARDWARE SHALL BE SIMILAR TO THE SIGN FIX BRAND MATERIAL.

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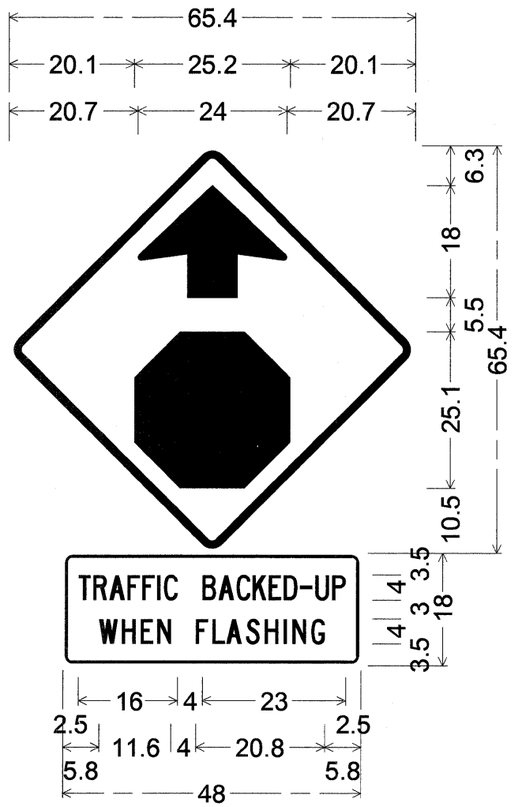
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOLAR POWER FLASHER DETAIL
LIGHTING AND SIGNING DETAILS

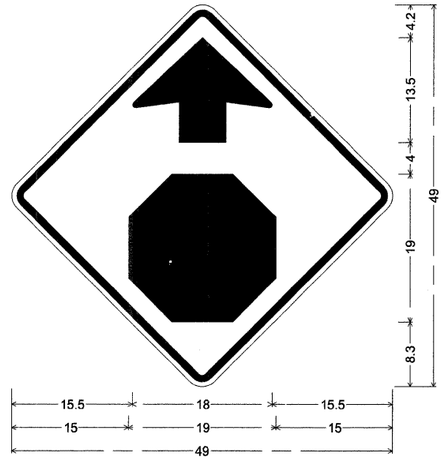
SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	40
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



W3-1A SPECIAL;
48.0" across sides 3.0" Radius, 1.3" Border, 0.8" Indent, Black on Yellow;
Down Arrow Custom - 18.0" 90°;
1.5" Radius, 0.4" Border, 0.4" Indent, Black on Yellow;
[TRAFFIC BACKED-UP] C 60% spacing;
[WHEN FLASHING] C;

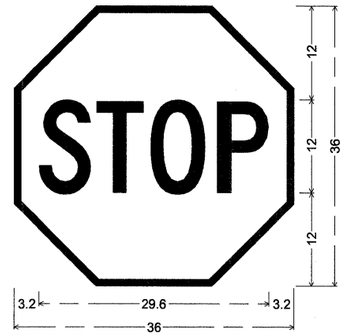
ADVANCE WARNING SIGN AT
STA 772+50
TO BE INCLUDED IN PAY CODE
WIRELESS VEHICLE DETECTION SYSTEM COMPLETE



W3-1A STD;
36.0" across sides 2.3" Radius, 0.9" Border, 0.6" Indent, Black on Yellow;
Down Arrow Custom - 13.5" 90°;
Table of letter and object lefts.

↑	15.5
●	15.0

6 - TYPE I AT 54 SQ FT



R1-1_36x36; 0.9" Border, White on Red;
[STOP] C 2K 60% spacing;
Table of letter and object lefts.

S	T	O	P
3.2	10.6	17.6	26.1

8 - TYPE I AT 72 SQ FT

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

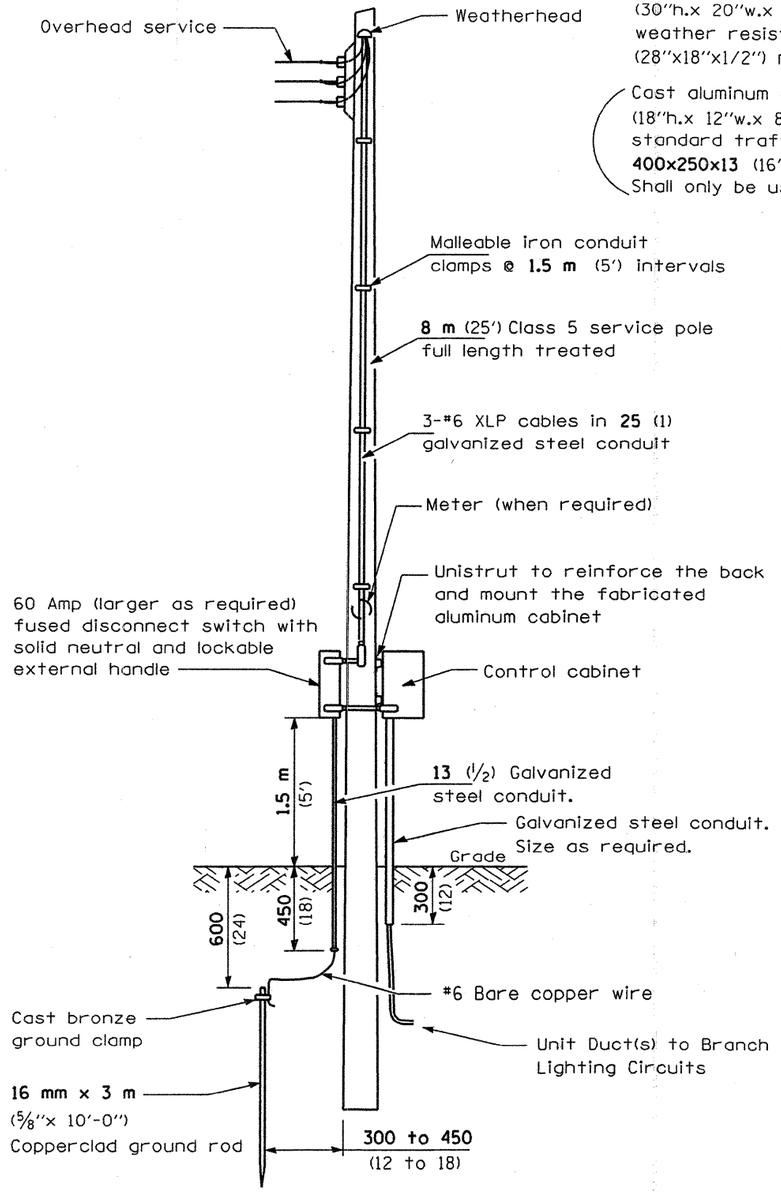
LIGHTING AND SIGNING DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	41
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	42
		CONTRACT NO. 64E55		

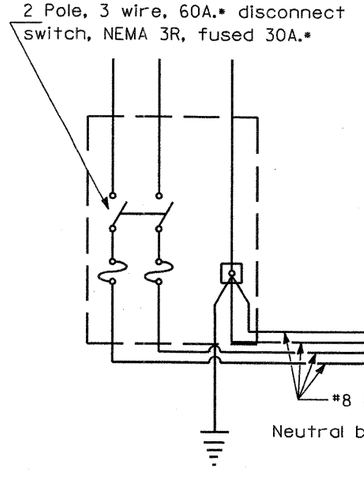
120/240V., 1 PHASE, 3 WIRE SERVICE



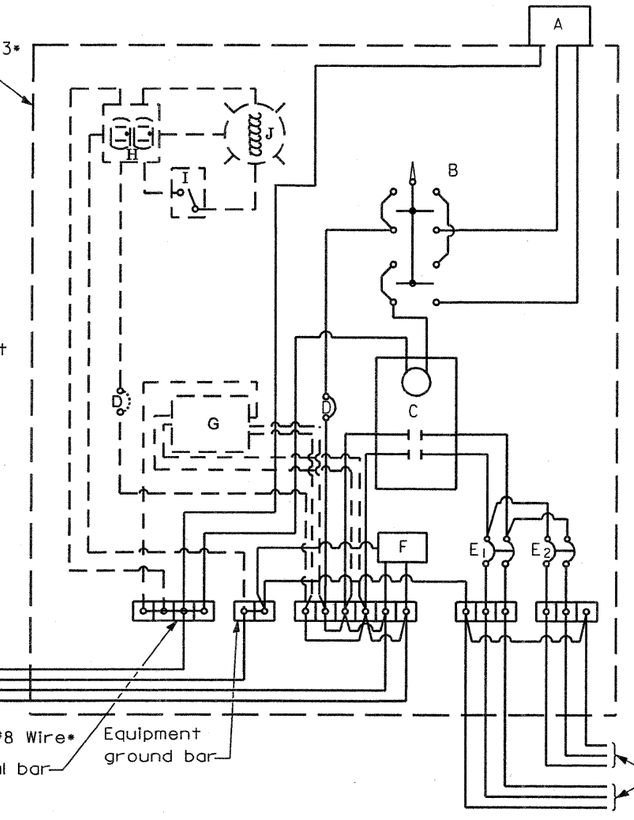
SERVICE POLE

Fabricated aluminum cabinet 760h.x510w.x355d.* (30"h.x 20"w.x 14"d.). Aluminum door with weather resistant lock and key and 710x460x13* (28"x18"x1/2") mounting board.

Cast aluminum cabinet **450h.x300w.x200d.** (18"h.x 12"w.x 8"d.). Aluminum door with standard traffic signal lock and key and **400x250x13** (16"x10"x1/2") mounting board. Shall only be used when specified.



DISCONNECT SWITCH



PHOTOCELL RELAY

A Photocell with integral surge arrester
B 3 Position selector switch HAND-OFF-AUTO
C 60 amp* electrically held contactor
D 15 amp, 1 pole, circuit breaker
E 20 amp*, 2 pole, branch circuit breaker. Two spare breakers are required but are not shown
F Surge arrestor
G Transformer (see notes), 1 KVA*, 240/480V primary, 120/240V sec, single phase
H GFCI duplex receptacle
I Single pole, single throw switch
J Shielded security fixture with 100W lamp
(* = Size larger as needed)

GENERAL NOTES

Wiring shall be panel board fashion. All bends shall be right angles. All runs shall be vertical or parallel to panel board. Wires shall be grouped or laced.

All control installation components shall be U.L. listed.

Label equipment ground and neutral.

Locate service pole and control installation adjacent to R.O.W. line with a minimum distance of 9 m (30') from the edge of pavement. Exact location shall be established by the Engineer.

The total distance between the control installation and primary transformer shall not exceed 76 m (250').

For 480 V service, a step down transformer (dashed lines) is required.

Add receptacle, light, and switch in control cabinet, when specified.

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

DRAFT COPY not for distribution

☒ 240 V. SERVICE
☐ 480 V. SERVICE

DATE	REVISIONS
	Corrected 1/19/06
1/17/08	Service disconnect
2/3/08	SA wiring, cabinet notes

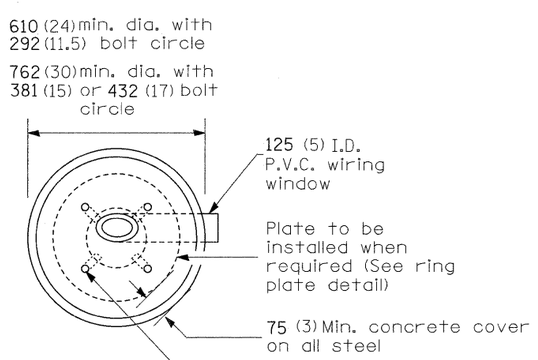
CONTROL INSTALLATION Service Pole Mounted

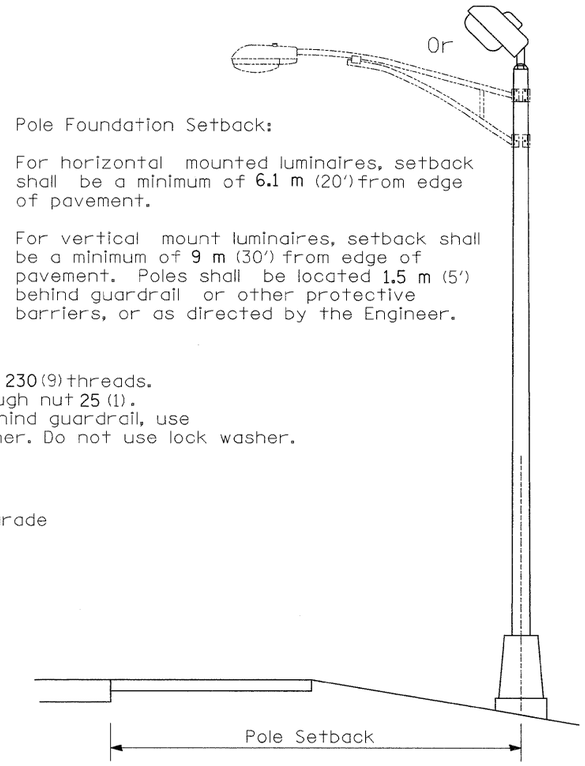
DRAFT

LGT003.DGN

LIGHT POLE MOUNTING HEIGHT	BOLT CIRCLE DIAMETER	STEEL FOUNDATION			CONCRETE FOUNDATION		
		SHAFT DIAMETER	SHAFT DEPTH	TOP PLATE (min)	SHAFT DIAMETER	SHAFT DEPTH	ANCHOR ROD LENGTH ①
≤9.1 m (30′)	292 (11.5)	220 (8⅝)	1.83 m (6′)	300 x 300 x 25 12 x 12 x 1	610 (24)	1.52 m (5′-0″)	1.45 m (4′-9″)
9.4 m - 10.7 m (31′-35′)	292 (11.5)	220 (8⅝)	1.83 m (6′)	300 x 300 x 25 12 x 12 x 1	610 (24)	1.67 m (5′-6″)	1.60 m (5′-3″)
10.9 m - 12.2 m (36′-40′)	381 (15) ③	220 (8⅝)	1.83 m (6′) ②	375 x 375 x 31 15 x 15 x 1 1/4	762 (30)	1.83 m (6′-0″)	1.75 m (5′-9″)
12.5 m - 13.7 m (41′-45′)	381 (15) ③	220 (8⅝)	1.83 m (6′) ②	375 x 375 x 31 15 x 15 x 1 1/4	762 (30)	1.98 m (6′-6″)	1.90 m (6′-3″)
14.0 m - 15.2 m (46′-50′)	381 (15) ③	220 (8⅝)	2.44 m (8′)	375 x 375 x 31 15 x 15 x 1¼	762 (30)	2.13m (7′-0″)	2.00 m (6′-9″)

① Length does not include 100 (4) hook
② 220 mm x 2.44 m (8⅝″ x 8′-0″) for Twin luminaires
③ Bolt circle diam. shall be 430 (17) when a TB3-17 transformer base is used

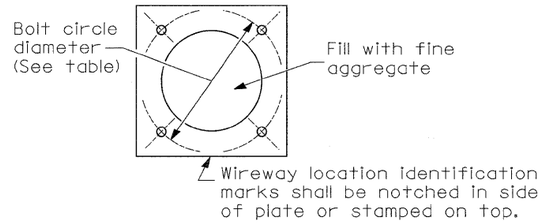


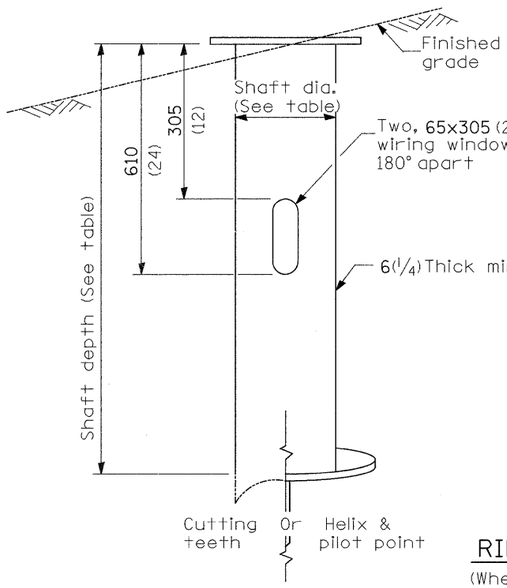


Pole Foundation Setback:

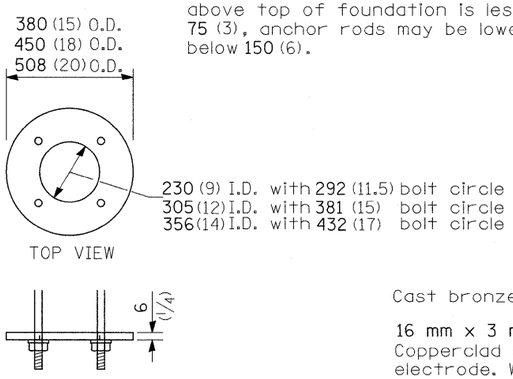
For horizontal mounted luminaires, setback shall be a minimum of 6.1 m (20′) from edge of pavement.

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





STEEL FOUNDATION



RING PLATE DETAIL

(When rock is encountered and foundation is shallower)

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

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

19 (¾) Chamfer

Finished grade

Varies

610 (24) min.

381 Formed (15)

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

125 (5) I.D. P.V.C. wireway window. Fill with fine aggregate

④ If the required anchor rod length above top of foundation is less than 75 (3), anchor rods may be lowered below 150 (6).

Anchor rod length (See table)

Shaft depth (See table)

#6 Bare copper wire

150 min. (6) ④

Cast bronze clamp

16 mm x 3 m (⅝″ x 10′) Coppercladd grounding electrode. When foundation is set in rock, install ground electrode in cable trench.

See Ring Plate Detail

CONCRETE FOUNDATION

Notes:

1) Wireway may be on front, back or side of foundation as required by the trenching. Place door of transformer base on wireway side to minimize the number of unit duct bends.

2) Top of schedule 40 125 (5) I.D. PVC wiring window, shall be flush with the top of foundation for drainage.

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

4) Anchor rod shall be increased to 31 (1¼) diameter for 15.24 (50′) mounting height or above.

5) TB3-17 transformer base is not to be used on metal foundation

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

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

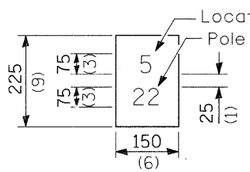
LIGHT POLE FOUNDATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	43
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

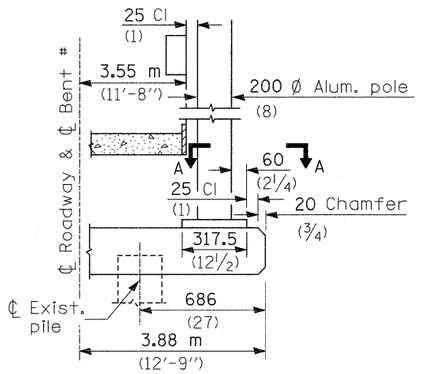
"Install and orient arm bracket over pole tenon and firmly hand tighten the two set screws. Use third hole in arm bracket as a guide to drill a 8.3 (21/64) diameter hole through tenon. Install and tighten self-tapping screw. Tighten set screws an additional (1/4 to 3/8) turn with hex key (not provided). Install locknuts on set screws if threaded projection allows."

Pole shall meet AASHTO Standard Specifications for 128.72 km (80 mph) wind loading and 40.82 kg (90 lb.), .37 m2 (4.0 sq. ft.) E.P.A. luminaire.

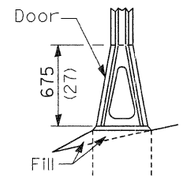


The contractor shall furnish and install a light pole identification of each new light pole, as shown above, incidental to the respective light pole pay item. The numerals shall be 75 (3) series "D", black, screened on silver-white type B pressure sensitive reflective sheeting conforming to the requirements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

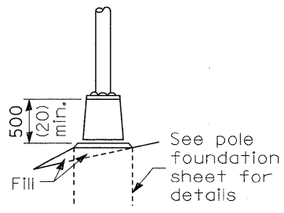
The light pole identification shall be applied to sign base material as specified in section 1085.05 of the Standard Specifications, approximatey 180 (7) above the adjacent pavement grade visible to approaching traffic in accordance with Highway Standard 2319.



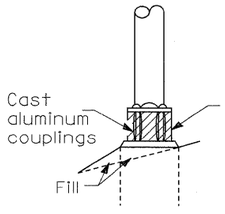
BENT # (Looking)



☐ STAINLESS STEEL FLAIR BASE

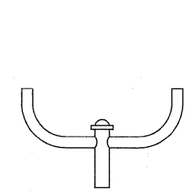


☐ TRANSFORMER BASE

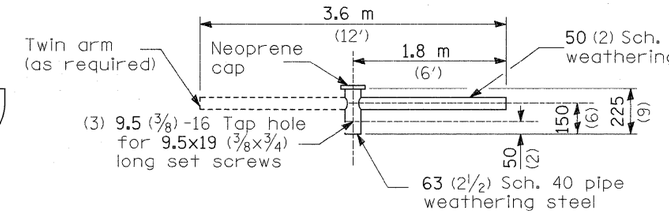


☒ BREAKAWAY COUPLING

☒ FRANGIBLE

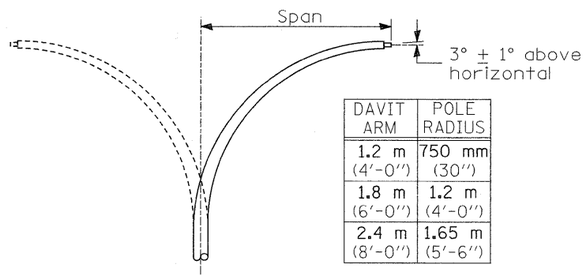


☒ TWIN TENON



☐ TENON MOUNT BRACKET ARM

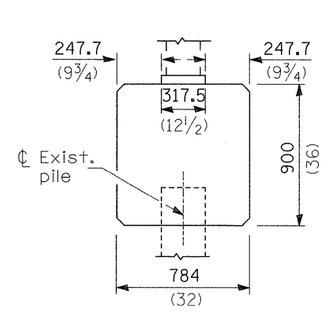
NOTE: Single or twin arm assembly shall be tilted 3° above horizontal.



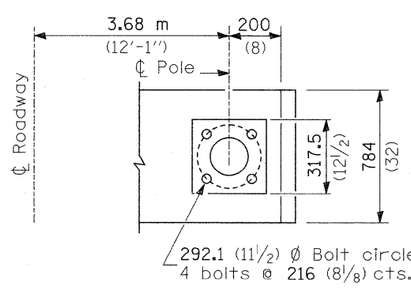
DAVIT ARM	POLE RADIUS
1.2 m (4'-0")	750 mm (30")
1.8 m (6'-0")	1.2 m (4'-0")
2.4 m (8'-0")	1.65 m (5'-6")

☐ DAVIT ARM (and or)

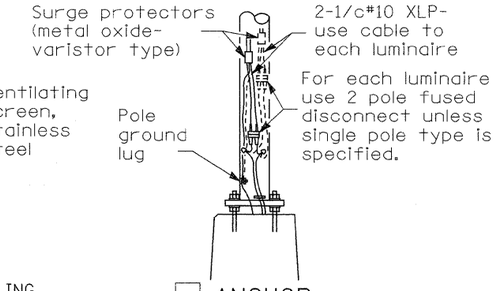
☐ DAVIT ARM-TWIN



☐ BRIDGE PIER MOUNT



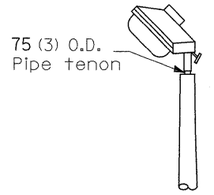
SECTION A-A



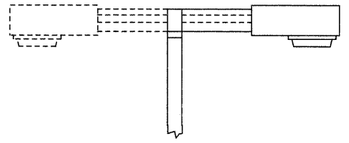
☐ ANCHOR

☐ METAL OR ☒ CONCRETE

Details for underground distribution if required

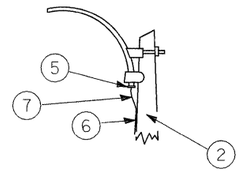


☒ TENON

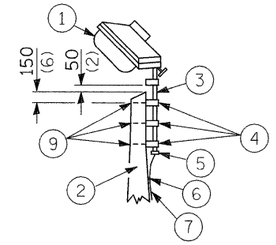


☐ SHORT BRACKET

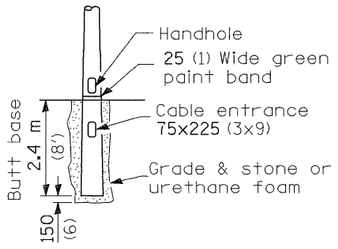
☐ SHORT BRACKET - TWIN



☐ MAST ARM

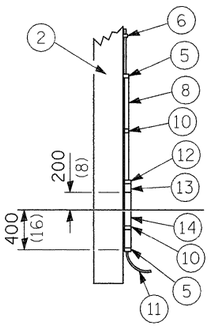


☐ TENON



☐ BUTT BASE

1. Luminaire
2. Wood pole, class 3 or better
3. 63 (2½) Galv. steel conduit
4. Single offset pole band
5. Conduit bushing
6. Cable clamps on 600 (24) centers
7. 2/c #12 Type use cable
8. 25 (1) Galv. steel conduit 3.0 m (10') in length
9. 16 (⅝) Ø hot dipped galvanized bolt with flat washer & locknut (3 req'd)
10. Conduit clamps on 900 (36) centers
11. Unit duct
12. Threaded reducer
13. "C" Condulet, threaded
14. 40 (1½) Galv. steel conduit for 1 unit duct or 75 (3) galv. steel conduit for 2 or 3 unit ducts.



☐ POLE, WOOD

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

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

FILE NAME = c:\pw_work\pwidot\dossdd\dms41852\d07008ts.dgn	USER NAME = dossdd	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20.0327 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = Tue Jan 13 15:52:52 2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

POLE STANDARDS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	44
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DETAILS FOR CURB & GUTTER REPLACEMENT AT INLET

CONCRETE CURB AND GUTTER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 606 OF THE STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS, STANDARD 606001 AND THIS DRAWING.

CLASS SI CONCRETE SHALL BE USED THROUGHOUT. A HOLE 40 (1 1/2) IN DIAMETER AND 225 (9) DEEP SHALL BE DRILLED IN THE EXISTING CONCRETE CURB AS SHOWN. A 32x450 (1 1/4 X 18) SMOOTH DOWEL BAR SHALL BE GROUTED IN THE HOLE LONGITUDINALLY.

JOINTS OF A TYPE SIMILAR TO THAT IN THE UNDERLYING PAVEMENT (EXPANSION OR CONTRACTION) SHALL BE INSTALLED IN THE CONCRETE CURB IN ALIGNMENT WITH THE JOINTS IN THE PAVEMENT.

INLETS ARE NOT TO BE INCLUDED IN THE MEASUREMENT FOR CURB AND GUTTER REPLACEMENT.

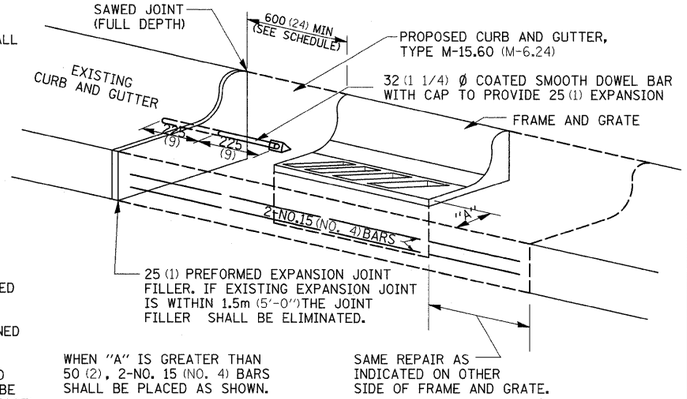
THE PROPOSED CONFIGURATION OF THE CURB AND GUTTER SHALL MATCH THAT REMOVED.

THE CONCRETE REQUIRED BETWEEN THE EDGE OF PAVEMENT AND FRAME AND GRATE SHALL BE CONSIDERED INCIDENTAL TO THE CURB AND GUTTER.

THE LOCATION OF THE DOWEL BAR SHALL BE DETERMINED BY THE ENGINEER.

THE COST OF ALL MATERIALS AND LABOR REQUIRED TO INSTALL THE JOINTS AND BARS IN THE CURBS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER METER (FOOT) FOR COMBINATION CURB AND GUTTER.

ALL EXISTING TIE BARS IN EDGE OF PAVEMENT SLAB THRU REPLACEMENT AREA SHALL BE CUT OFF.



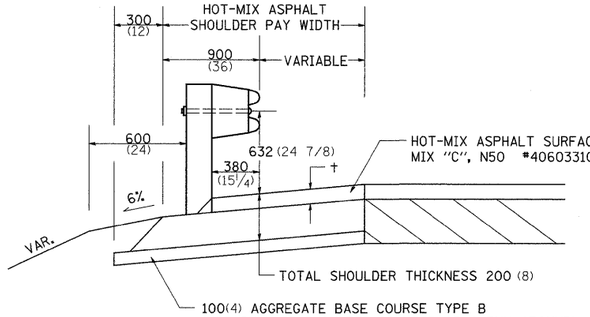
WHEN "A" IS GREATER THAN 50 (2), 2-NO. 15 (NO. 4) BARS SHALL BE PLACED AS SHOWN.

SAME REPAIR AS INDICATED ON OTHER SIDE OF FRAME AND GRATE.

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

REVISED - 5-4-94

DETAIL OF HOT-MIX ASPHALT SHOULDER AT GUARD RAIL



† = SEE TYPICAL SECTIONS FOR THICKNESS

GENERAL NOTES

THE TOP LIFT SHALL NOT BE PLACED BEHIND THE GUARDRAIL POSTS. WHEN PLACING THE TOP LIFT THE RAIL MUST BE REMOVED FROM THE POSTS. THE POST SHALL NOT BE REMOVED.

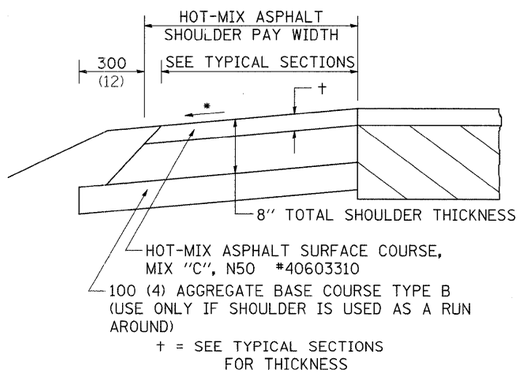
THE HEIGHT OF THE GUARD RAIL SHALL BE SET **632** (24⅞) FROM THE FINISHED SURFACE.

THE HOT-MIX ASPHALT SHOULDER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 482 EXCEPT THE TOP LIFT SHALL BE HOT-MIX ASPHALT SURFACE COURSE, MIXTURE C, N50. THE WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR HOT-MIX ASPHALT SURFACE COURSE, MIXTURE "C", N50 AND SQUARE METER (SQUARE YARD) FOR HOT-MIX ASPHALT SHOULDERS OF THE THICKNESS SPECIFIED. THE REMOVAL & REINSTALLATION OF THE GUARDRAIL WILL BE INCLUDED IN THE COST OF THE HOT-MIX ASPHALT SURFACE COURSE, MIXTURE C, N50.

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

REVISED - 11-01-07

HOT-MIX ASPHALT SHOULDER



† = SEE TYPICAL SECTIONS FOR THICKNESS

GENERAL NOTES

THE HOT-MIX ASPHALT SHOULDER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 482 EXCEPT THE TOP LIFT SHALL BE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 *40603310. THE WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 *40603310 AND SQUARE YARD FOR HOT-MIX ASPHALT SHOULDERS OF THE THICKNESS SPECIFIED.

USE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 *40603310. WHEN RESURFACING EXISTING HOT-MIX ASPHALT SHOULDERS. THE THICKNESS IS SHOWN ON THE TYPICAL SECTIONS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 *40603310.

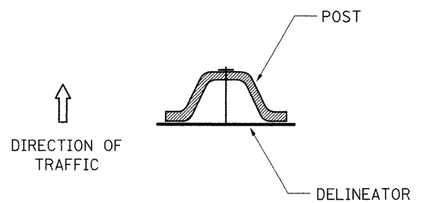
REMOVAL OF MATERIAL FOR PLACEMENT OF THE HOT-MIX ASPHALT SHOULDER TO BE PAID FOR IN UNITS FOR EXCAVATING AND GRADING EXISTING SHOULDERS OR IN CUBIC YARDS FOR EARTH EXCAVATION OR EARTH EXCAVATION WIDENING.

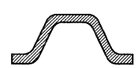
* 4% WHEN MAINLINE IS ON TANGENT. FOR CROSS SLOPE ON SUPERELEVATION SECTION, SEE HIGHWAY STANDARD 482001 OR 482006.

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

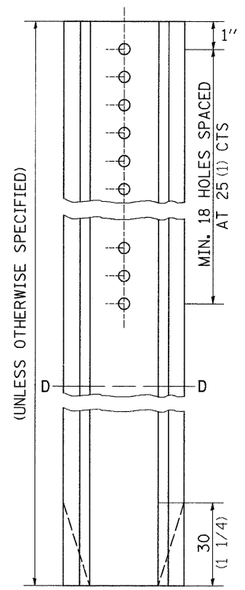
REVISED - 11-01-07

DELINEATOR AND POST ORIENTATION





SECTION D-D



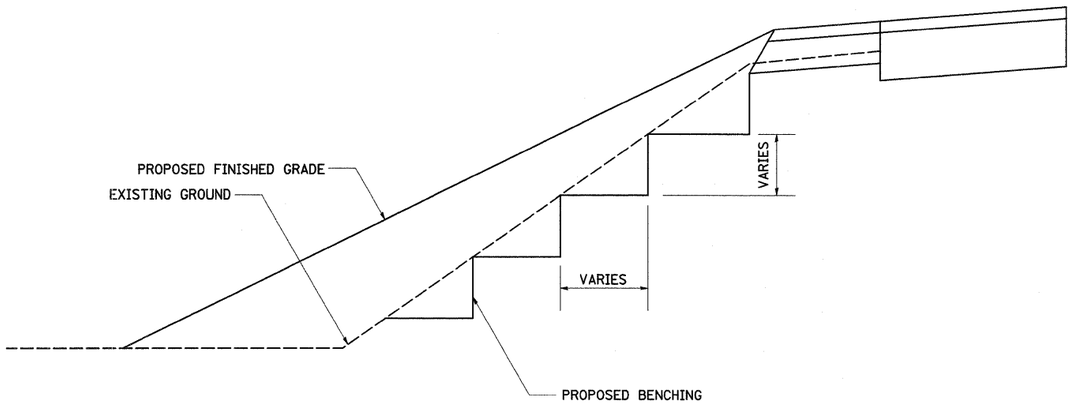
DELINEATORS SHALL BE INSTALLED ACCORDING TO STANDARD 635001 EXCEPT THAT THE POST SHALL BE ROTATED 180° . THE POST WILL HAVE THE WIDE SIDE FACING TRAFFIC AND THE DELINEATOR ATTACHECD AS SHOWN ABOVE.

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

REVISED - 11-01-07	REGION 2 / DISTRICT 2 STANDARD				
REVISED -		F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
REVISED -		553	120M	OGLE	71 / 45
REVISED -	SCALE: 50.0000 ' / IN. SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 64E55	
		FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

PLOT DATE = Tue Jan 13 15:54:41 2009

TYPICAL BENCHING ON EXISTING EMBANKMENT



REVISED - 2-22-06

TYPICAL BENCHING ON EXISTING EMBANKMENT 50.4

TREE REPLACEMENT SCHEDULE

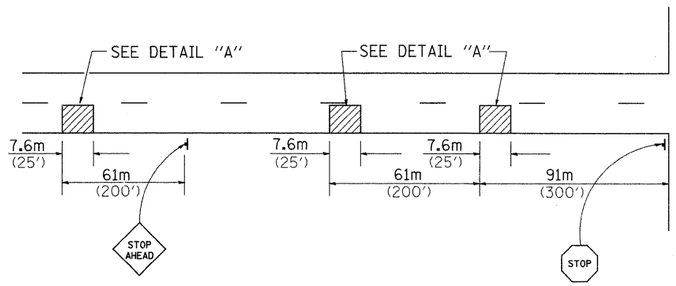
CODE NUMBER	SCIENTIFIC NAME	COMMON NAME	SIZE	UNIT	QUANTITY
D2003872	THUJA OCCIDENTALIS	TECHNY ARBORVITAE	6' HEIGHT, BALLED & BURLAPPED	EACH	1

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

REVISED - 8-10-05

TREE REPLACEMENT SCHEDULE 90.4

RUMBLE RESURFACING



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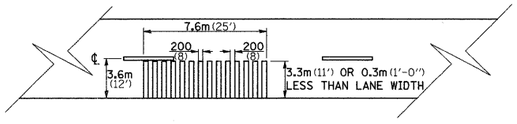
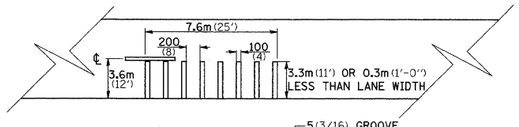
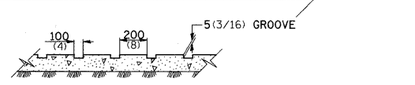


NOTE: THE 7.6m (25') RUMBLE AREA HAS 200 (8) LENGTHS OF TREATED SURFACE STRETCHED ACROSS THE WIDTH OF APPROACH LANE, EACH SEPARATED BY 200 (8) OF EXISTING PAVEMENT.

GROOVED



DETAIL "A"

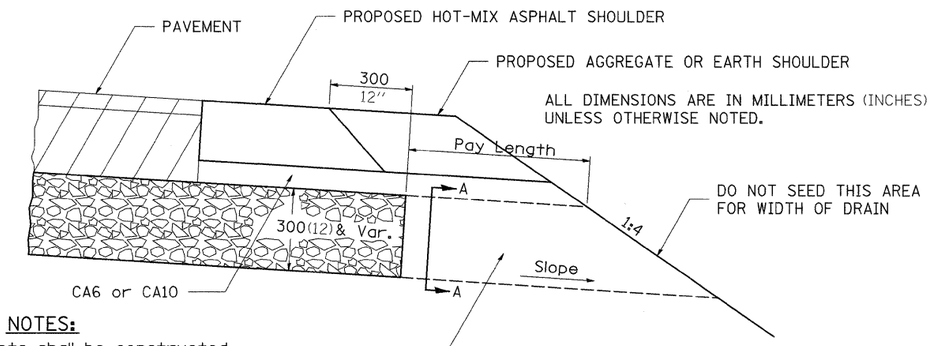


ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

REVISED - 2-16-88

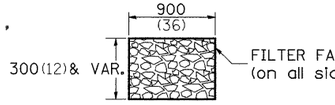
RUMBLE RESURFACING 91.4

DRAIN FOR AGGREGATE BASE COURSE



NOTES:

The rock outlets shall be constructed using CA7 and will be paid for at the contract unit price per m^2 (SQ. YD.) for DRAIN FOR AGGREGATE BASE COURSE. The thickness shall be the same as the adjacent sub-base material as noted on the plans and shall include the cost of the filter fabric. The Rock outlets will be measured in m^2 (SQ. YD.), the width being 900 (36) by the length shown above. The cost of the CA6 or CA10 under the shoulder shall be included in the contract unit price per m^2 (SQ. YD.) for SUB-BASE GRANULAR MATERIAL, TYPE A of the thickness specified. The filter fabric to be used shall conform to the filter fabric used for Riprap.



SECTION A-A

NOTE: Slope same as shoulder with 2% min.

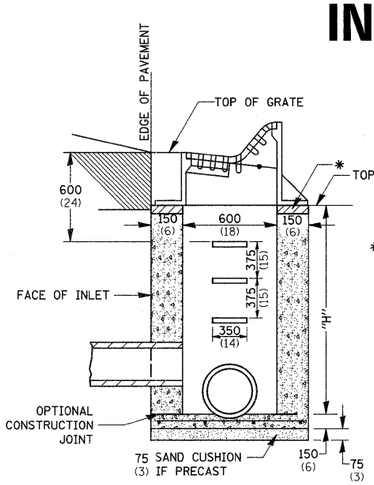
REVISED - 10-10-06	REGION 2 / DISTRICT 2 STANDARD					F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -						553	120M	OGLE	71	46
REVISED -								CONTRACT NO. 64E55		
REVISED -	SCALE: 50.0000 ' / IN.	SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

PLOT DATE = Tue Jan 13 15:54:56 2009

X0325519

DRAIN FOR AGGREGATE BASE COURSE 96.4

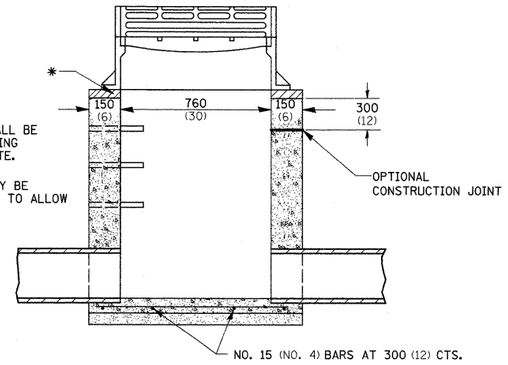
INLET SPECIAL NO. 1



SEC. A-A

* THE WALL ADJUSTMENTS SHALL BE MADE WITH CONCRETE BUILDING BRICK OR CLASS SI CONCRETE.

THE HEIGHT OF THE BOX MAY BE CONSTRUCTED 150 (6) SHORT TO ALLOW FOR FIELD ADJUSTMENTS.



SEC. B-B

NOTES

SEE STANDARD 602701 FOR DETAILS OF STEPS.

EXCEPT AS NOTED HEREON INLET SPECIAL SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS.

THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTED SECTIONS.

ALL VOIDS AROUND PIPE ENTRANCE, BOTH INSIDE AND OUTSIDE, SHALL BE SEALED WITH MORTAR.

STEPS SHALL BE OMITTED WHEN DEPTH OF "H" IS LESS THAN 1.5 m (5 ft).

BOTH INLET SPECIAL NO. 1 SHALL DRAIN VERTICALLY TO THE ACROSS ROAD CULVERT LOCATED BENEATH.

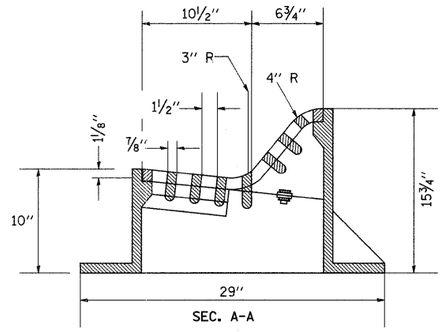
DETAIL OF FRAME & GRATE

NOTES

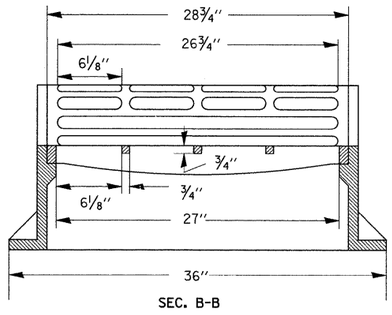
CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT. PRECAST CONCRETE SHALL BE IN ACCORDANCE WITH SECTION 504.01 THRU 504.05 OF THE STANDARD SPECIFICATIONS EXCEPT THAT CONCRETE STRENGTH SHALL BE 27.5 MPa (4,000 psi) AFTER 28 DAYS.

THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL, NO.1 SHALL INCLUDE THE COST OF CONSTRUCTING THE INLET BOX, FURNISHING AND INSTALLING THE FRAME AND GRATE, THE CAST IRON STEPS (IF USED), THE PRECAST FLOOR SLABS, SAND CUSHION (WHEN USED) AND REINFORCEMENT BARS.

NEENAH * R-3503-B OR EQUIVALENT



SEC. A-A

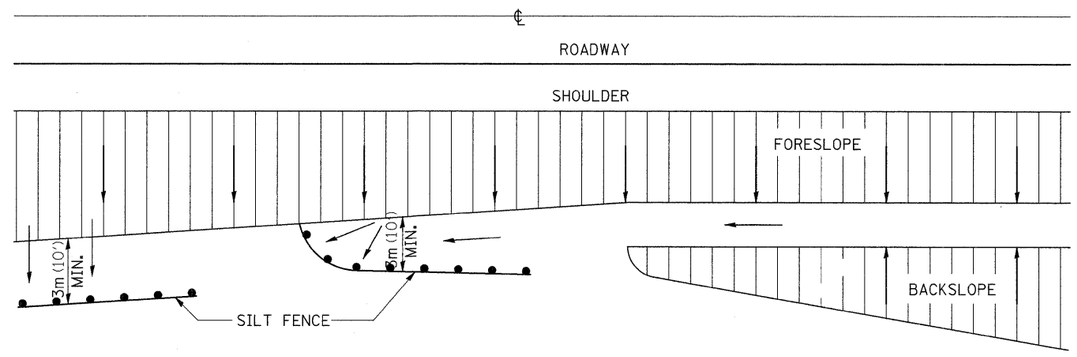


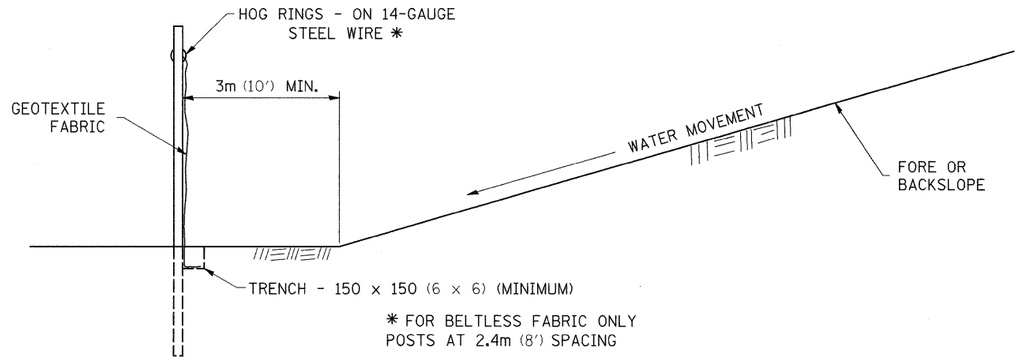
SEC. B-B

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 1-10-08

EROSION CONTROL DETAILS FOR SILT FENCE





* FOR BELTLESS FABRIC ONLY
POSTS AT 2.4m (8') SPACING

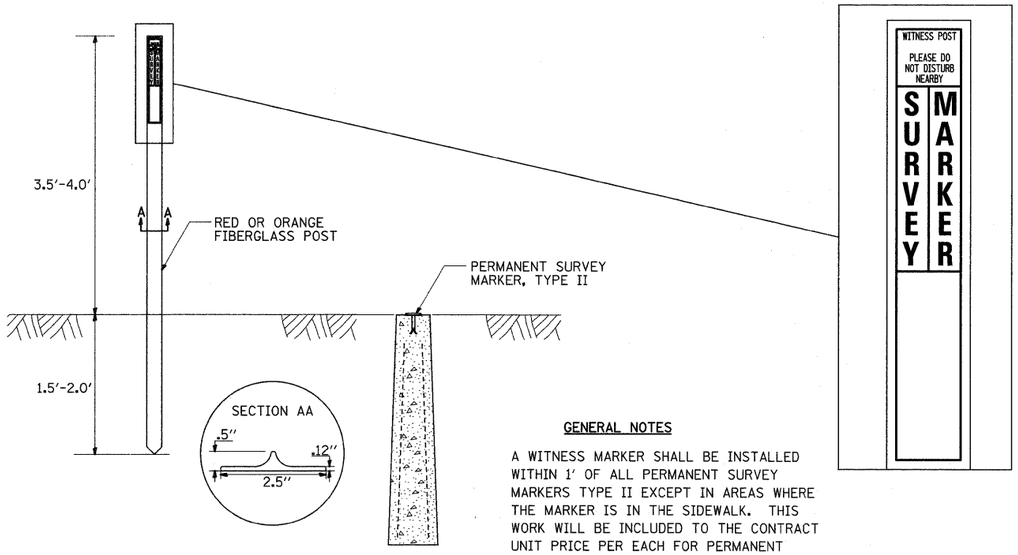
DETAILS OF SILT FENCE

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

REVISED - 01-22-01	REGION 2 / DISTRICT 2 STANDARD	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -		553	120M	OGLE	71	47
REVISED -				CONTRACT NO. 64E55		
REVISED -	SCALE: 50.0000 ' / IN. SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLOT DATE = Tue Jan 13 15:55:10 2009

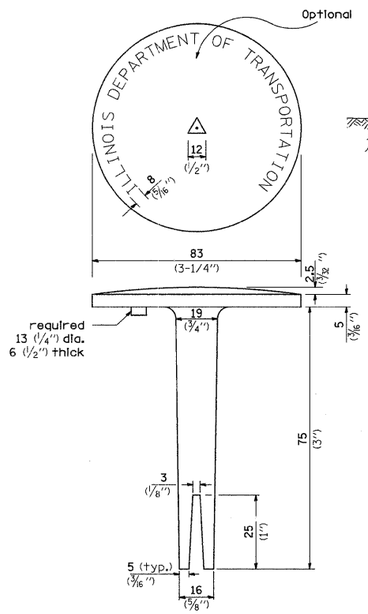
WITNESS MARKER FOR PERMANENT SURVEY MARKERS, TYPE II



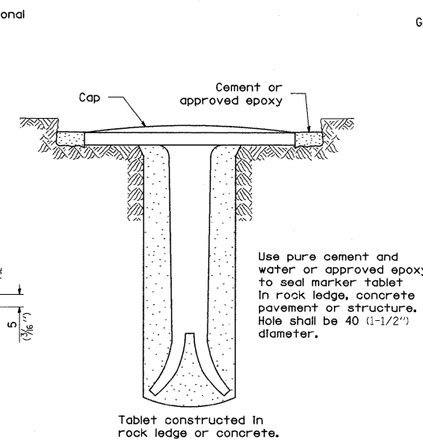
GENERAL NOTES

A WITNESS MARKER SHALL BE INSTALLED WITHIN 1' OF ALL PERMANENT SURVEY MARKERS TYPE II EXCEPT IN AREAS WHERE THE MARKER IS IN THE SIDEWALK. THIS WORK WILL BE INCLUDED TO THE CONTRACT UNIT PRICE PER EACH FOR PERMANENT SURVEY MARKERS, TYPE II.

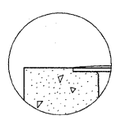
PERMANENT SURVEY MARKERS, TYPE II



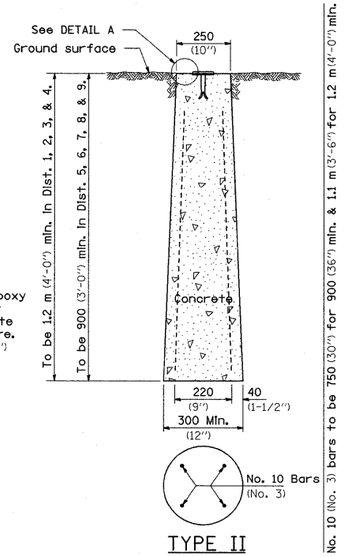
BRASS OR ALUMINUM TABLET



TYPE II



DETAIL A



TYPE II

CAST-IN-PLACE MARKER

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

REVISED - 6-26-06

ROUGH GROOVED SURFACE SIGN

ILLINOIS STANDARD W8-I107

SIGN PANEL TYPE 1

COLOR: LEGEND AND BORDER - BLACK NON-RELFLECTIVE
BACKGROUND - ORANGE REFLECTORIZED

SIGN SIZE	DIMENSIONS							
	A	B	C	D	E	F	G	H
1200x1200 (48x48)	1200 (48.0)	600 (24.1)	75 (3.0)	850 (34.0)	825 (33.0)	150 (6.0)	325 (13.0)	88 (3.5)

SIGN SIZE	SERIES LINES			MARGIN	BORDER	BLANK STD.
	1	2	3			
1200x1200 (48x48)	7C	7C	7C	20 (0.8)	30 (1.2)	B4-48D

ALL DIMENSIONS IN INCHES.

GENERAL NOTES

SIGN PANELS AND FACE MATERIALS SHALL BE ACCORDING TO SECTION 720 OF THE STANDARD SPECIFICATIONS

METAL POSTS SHALL BE IN ACCORDANCE WITH STD. 720011.

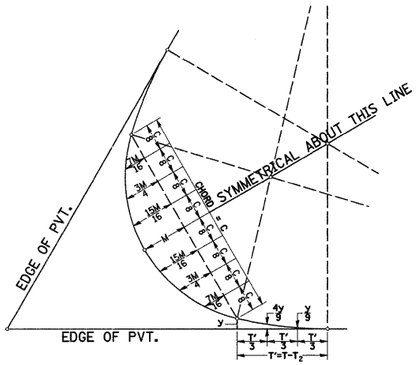
ALL MOUNTING HARDWARE SHALL BE ALUMINUM, STAINLESS STEEL, ZINC OR CADMIUM PLATED STEEL AND SHALL BE INCLUDED TO THE COST OF THE INSTALLATION.

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

REVISED - 1-09-08	**REGION 2 / DISTRICT 2 STANDARD**	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
REVISED -		553	120M	OGLE	71 / 48
REVISED -				CONTRACT NO. 64E55	
REVISED -	SCALE: 50.0000 ' / IN. SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

PLOT DATE = Tue Jan 13 15:55:38 2009

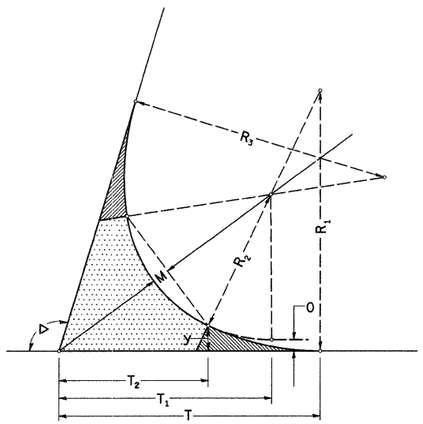
THREE CENTER CURVE DATA



FIELD LAYOUT METHOD

SYMMETRICAL CURVES

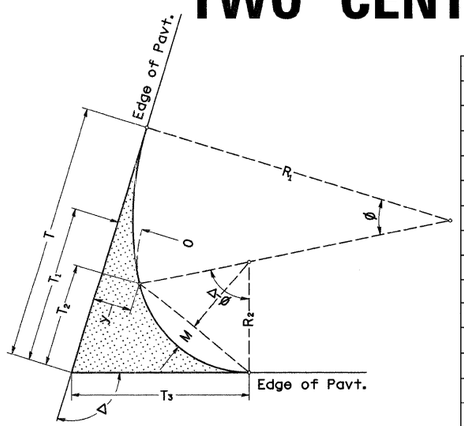
CURVE #							
R_1							
R_2							
R_3							
O							
Δ							
T							
T_1							
T_2							
T^1							
y							
$\frac{4y}{9}$							
$\frac{y}{9}$							
M							
$\frac{15M}{16}$							
$\frac{3M}{4}$							
$\frac{7M}{16}$							
C							



FOR SYMMETRICAL CURVES

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

TWO CENTER CURVE DATA



TWO CENTER CURVES

CURVE #	1	2	3	4			
R_1	400.00	400.00	400.00	400.00			
R_2	110.00	110.00	110.00	110.00			
O	7.00	7.00	7.00	7.00			
Δ	91.17	90.30	89.13	90.47			
T	175.74	173.95	171.58	174.29			
T_1	112.41	110.61	108.25	110.95			
T_2	88.39	86.59	84.22	86.93			
T_3	119.27	117.58	115.35	117.90			
y	9.66	9.66	9.66	9.66			
$\frac{4y}{9}$	4.29	4.29	4.29	4.29			
$\frac{y}{9}$	1.07	1.07	1.07	1.07			
M	24.85	24.32	23.63	24.42			
$\frac{15M}{16}$	23.30	22.80	22.15	22.90			
$\frac{3M}{4}$	18.64	18.24	17.72	18.32			
$\frac{7M}{16}$	10.87	10.64	10.34	10.69			
C	139.28	137.98	136.23	138.23			

REVISED - 3-22-90

REVISED -	REGION 2 / DISTRICT 2 STANDARD			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -				553	120M	OGLE	71	49
REVISED -						CONTRACT NO. 64E55		
REVISED -	SCALE: 50.0000 ' / IN.	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLOT DATE = Tue Jan 13 15:55:53 2009

STORM WATER POLLUTION PREVENTION PLAN
EROSION CONTROL PLAN

THE FOLLOWING PLAN WAS ESTABLISHED AND INCLUDED IN THESE PLANS TO DIRECT THE CONTRACTOR IN THE PLACEMENT OF TEMPORARY EROSION CONTROL SYSTEMS AND TO PROVIDE A STORM WATER POLLUTION PREVENTION PLAN FOR COMPLIANCE UNDER NPDES.

THE PURPOSE OF THIS PLAN IS TO MINIMIZE SILTATION WITHIN THE CONSTRUCTION ZONE AND TO ELIMINATE SEDIMENTS FROM ENTERING AND LEAVING THE CONSTRUCTION ZONE BY UTILIZING PROPER TEMPORARY EROSION CONTROL SYSTEMS AND PROVIDING GROUND COVER WITHIN A REASONABLE AMOUNT OF TIME.

CERTAIN ITEMS, AS SHOWN IN THIS PLAN AND REFERENCED BY THE LEGEND, SHALL BE PLACED BY THE CONTRACTOR AT THE BEGINNING OF CONSTRUCTION. OTHER ITEMS SHALL BE PLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER ON A CASE BY CASE SITUATION RESULTING FROM THE CONTRACTOR'S SEQUENCE OF ACTIVITIES, TIME OF YEAR, AND EXPECTED WEATHER CONDITIONS.

THE CONTRACTOR SHALL PLACE PERMANENT EROSION CONTROL SYSTEMS AND SEEDING WITHIN A REASONABLE AMOUNT OF TIME: THEREFORE, REDUCING THE AMOUNT OF AREA BEING OPEN TO THE POSSIBILITY OF EROSION AND REDUCING THE AMOUNT OF TEMPORARY SEEDING. THE RESIDENT ENGINEER WILL DETERMINE IF TEMPORARY EROSION CONTROL SYSTEMS SHOWN IN THE PLAN CAN BE DELETED, THE SIZE OF THE PROPOSED DITCH CHECKS, THE PROPER METHOD OF INSTALLATION, AND IF ANY ADDITIONAL TEMPORARY EROSION CONTROL SYSTEMS SHALL BE ADDED WHICH ARE NOT INCLUDED IN THE PLANS. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE ENGINEER AND AS SHOWN IN STANDARD 280001 OF THE PLANS.

SITE DESCRIPTION

DESCRIPTION OF CONSTRUCTION ACTIVITY:

THIS PROJECT CONSISTS OF CONSTRUCTION OF NEW CULVERTS, PAVEMENT WIDENING,

INSTALLATION OF A FOUR-WAY STOP, CURB & GUTTER, AND RESURFACING EXISTING ROADWAY.

DESCRIPTION OF INTENDED SEQUENCE OF ACTIVITIES:

THE SEQUENCE OF EVENTS ARE AS FOLLOW: CLEARING, EMBANKMENT, EXCAVATION, GRADING AND PAVING. THIS PROJECT WILL BE CONSTRUCTED IN SEGMENTS AS SHOWN IN THE "STAGING PLANS".

TOTAL CONSTRUCTION SITE (CONSTRUCTION LIMIT TO CONSTRUCTION LIMIT) 2.24 ACRES

PROPOSED R.O.W (TOTAL PARCEL AREA) 0.02 ACRES

DISTURBED BY EXCAVATION (E.O.P TO CONSTRUCTION LIMIT) 1.35 ACRES

SUPPORTING REPORTS AND PLANS

THE FOLLOWING ASSISTED IN DEVELOPING THE EROSION CONTROL PLAN AS REFERENCED DOCUMENTS:

SOIL PROFILE SHEETS, SOILS REPORTS, BORING LOGS
USGS DRAINAGE MAPS, PROJECT PLAN DOCUMENTS

DRAINAGE TRIBUTARIES RECEIVING WATER FROM CONSTRUCTION SITE

THERE IS NO TRIBUTARIES, JUST DRAINAGE FROM THE DITCHES.

EROSION CONTROLS AND SEDIMENT CONTROL PROCEDURES

STABILIZATION PRACTICES AT THE BEGINNING OF CONSTRUCTION:

PERIMETER EROSION CONTROL SHALL BE PLACED PRIOR TO BEGINNING EARTHWORK.

STABILIZATION PRACTICES DURING CONSTRUCTION:

AS EARTH EXCAVATION AND EMBANKMENT ARE BEING COMPLETED THE CONTRACTOR SHALL PLACE DITCH CHECKS, INLET AND PIPE PROTECTION, EROSION CONTROL BLANKET, AND SEEDING AS STAGES OF THE PROJECT ARE COMPLETED. PERIMETER EROSION BARRIER WILL BE INSTALLED AT ADDITIONAL LOCATIONS AS THE PROJECT PROGRESSES. SEEDING SHALL BE COMPLETED AS SPECIFIED IN THE EROSION CONTROL/SEEDING MOBILIZATION AND TEMPORARY SEEDING SPECIAL PROVISION.

MAINTENANCE AFTER FINAL GRADING

TEMPORARY EROSION CONTROL SYSTEMS SHALL BE LEFT IN PLACE WITH PROPER MAINTENANCE UNTIL PERMANENT EROSION CONTROL IS IN PLACE AND WORKING PROPERLY AND ALL PROPOSED TURF AREAS SEEDED AND ESTABLISHED WITH THE PROPER STAND. ONCE PERMANENT EROSION CONTROL SYSTEMS AS PROPOSED IN THE PLANS ARE FUNCTIONAL AND ESTABLISHED, TEMPORARY ITEMS SHALL BE REMOVED, CLEANED UP AND DISTURBED TURF RESEEDED.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

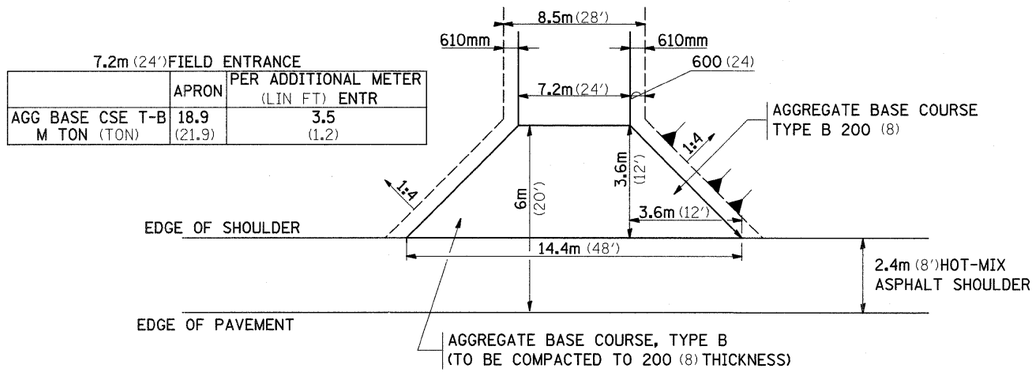
REGION 2 / DISTRICT 2 STANDARD

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	50
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

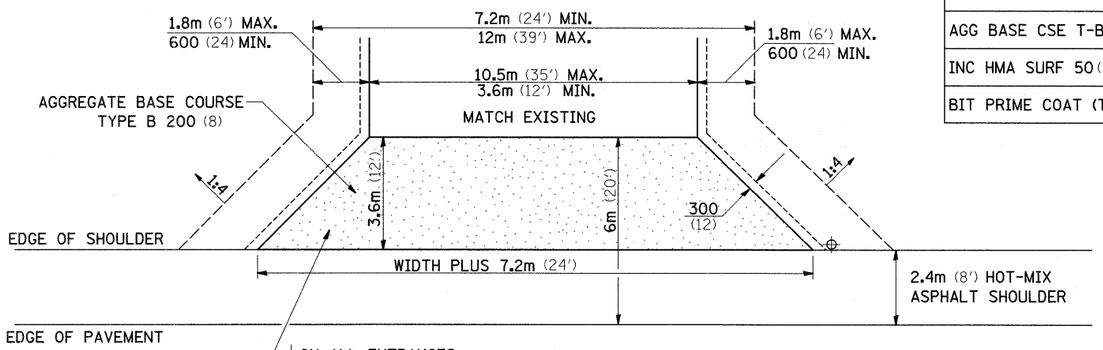
ENTRANCE AND SIDEROADS WITH 2.4m (8′) HOT-MIX ASPHALT SHOULDERS

7.2m (24′) FIELD ENTRANCE	APRON	PER ADDITIONAL METER (LIN FT) ENTR
AGG BASE CSE T-B M TON (TON)	18.9 (21.9)	3.5 (1.2)

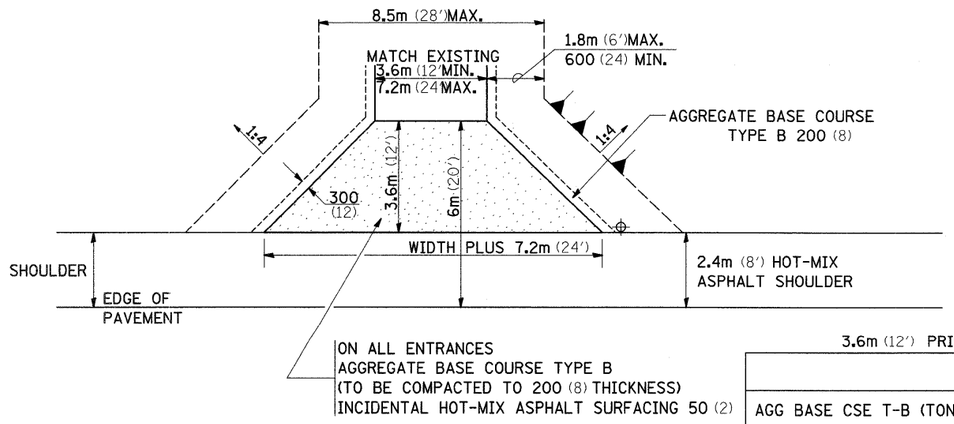


FIELD ENTRANCE

COMMERICAL ENTRANCE	3.6m (12′)	10.5m (35′)	PER METER ENTR (FOOT) 3.6m (12′)	10.5m (35′)
AGG BASE CSE T-B (TON)	14.3 (15.8)	27.0 (29.8)	0.64 (0.70)	1.70 (1.87)
INC HMA SURF 50 (2) (TON)	3.3 (3.6)	6.35 (7.0)	0.14 (0.15)	0.40 (0.44)
BIT PRIME COAT (TON)	0.042 (0.046)	0.082 (0.090)	0.002 (0.002)	0.005 (0.006)



COMMERCIAL ENTRANCE

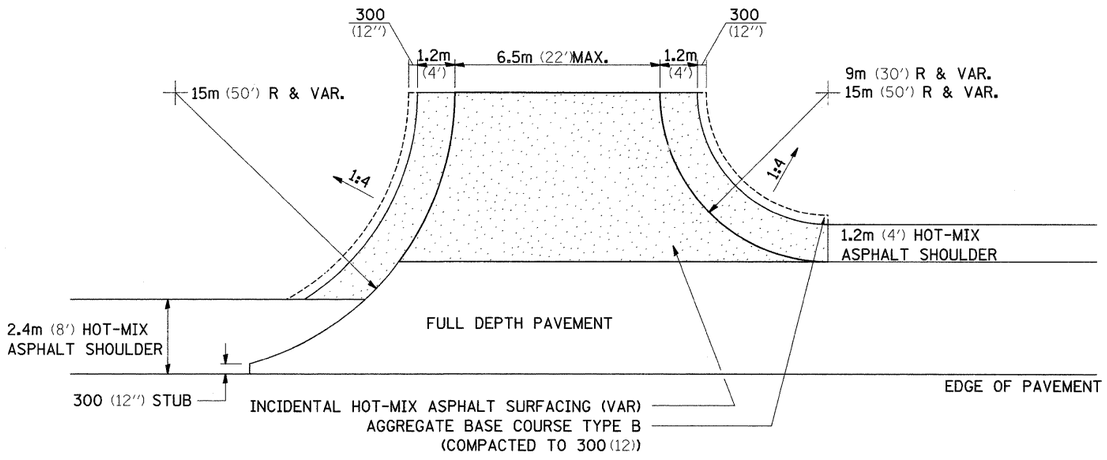


PRIVATE ENTRANCE

3.6m (12′) PRIVATE ENTRANCE	3.6m (12′)	7.2m (24′)	PER METER ENTR (FOOT) 3.6m (12′)	7.2m (24′)
AGG BASE CSE T-B (TON)	14.3 (15.8)	21.0 (23.1)	0.64 (0.70)	1.20 (1.32)
INC HMA SURF 50 (2) (TON)	3.3 (3.6)	4.9 (5.4)	0.14 (0.15)	0.27 (0.30)
BIT PRIME COAT (TON)	0.042 (0.046)	0.063 (0.069)	0.002 (0.002)	0.004 (0.004)

NOTE

1. ALL PE & CE ARE TO BE INCIDENTAL HOT-MIX ASPHALT SURFACED TO RIGHT OF WAY LINE. AREA BEHIND RIGHT OF WAY SHALL MATCH EXISTING SURFACE.
2. FE ARE TO BE AGGREGATE TO RIGHT OF WAY OR TOUCH DOWN, WHICH EVER IS GREATEST.
3. QUANTITIES ARE CALCULATED WITH 2.4m HOT-MIX ASPHALT SHOULDER IN PLACE. AGGREGATE QUANTITIES SHOWN ARE FOR NEW CONSTRUCTION.
4. EXCAVATION REQUIRED FOR PLACEMENT OF AGGREGATE BASE COURSE SHALL BE CONSIDERED INCLUDED TO THE AGGREGATE BASE COURSE.
5. ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.



SIDE ROAD RETURN

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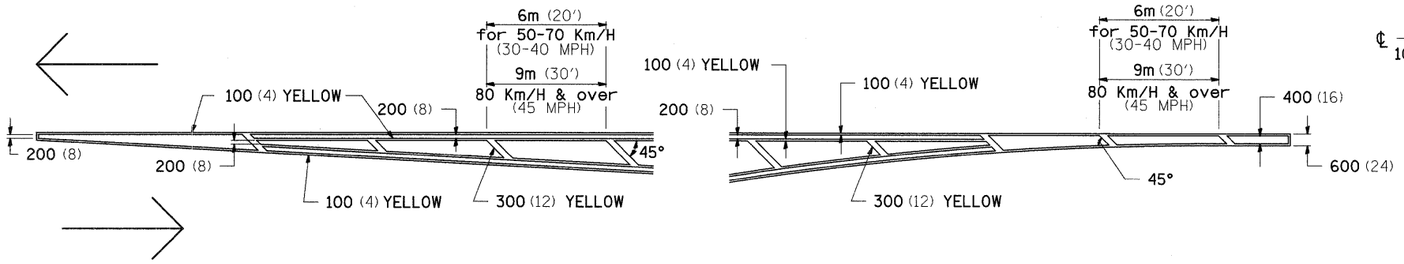
REGION 2 / DISTRICT 2 STANDARD

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

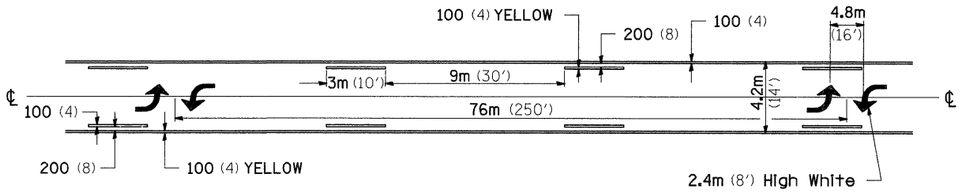
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	51
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TYPICAL PAVEMENT MARKINGS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

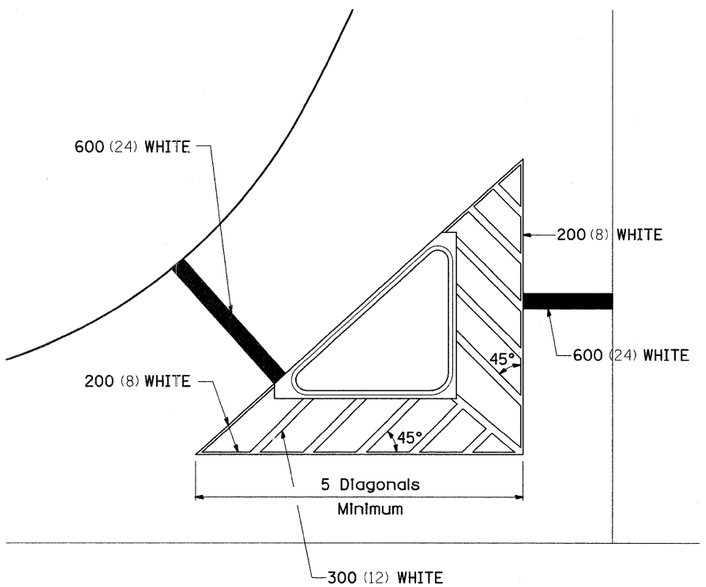


MEDIAN PAVEMENT MARKING

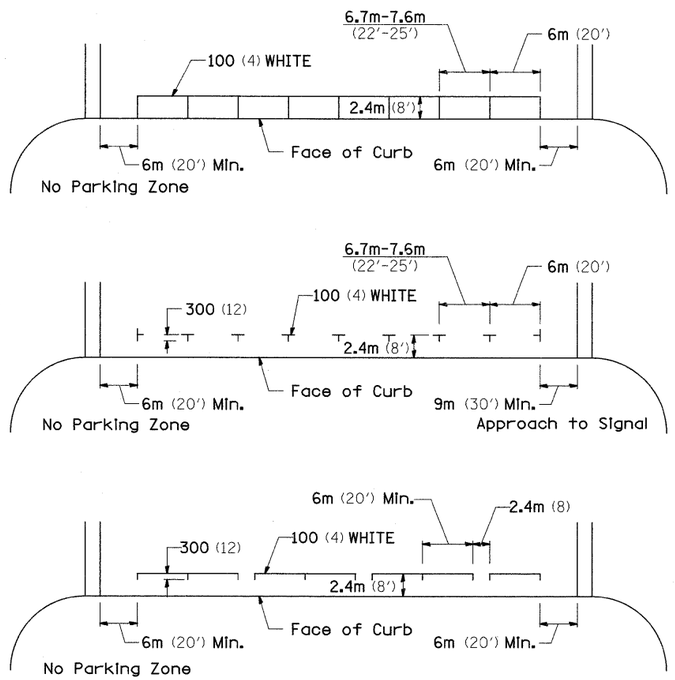


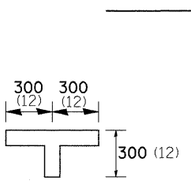
** ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

TYPICAL ISLAND OFFSET SHOULDER WIDTH



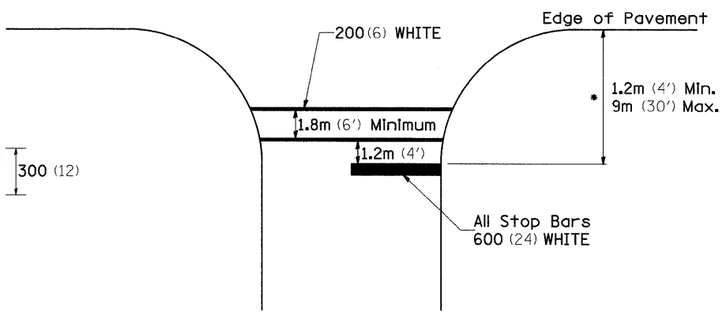
TYPICAL PARKING SPACING





STANDARD CROSSWALK MARKING

See Schedules for Locations



* Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

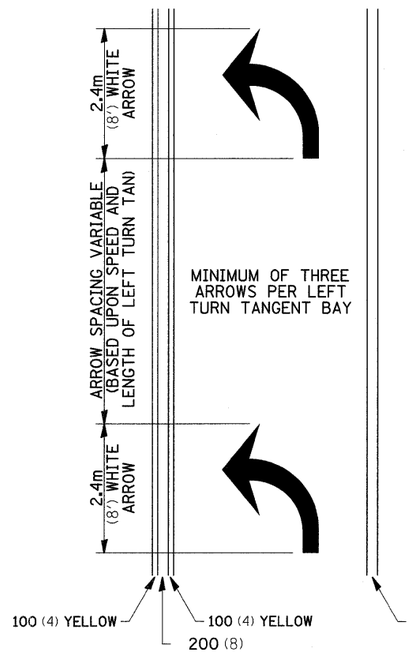
REGION 2 / DISTRICT 2 STANDARD

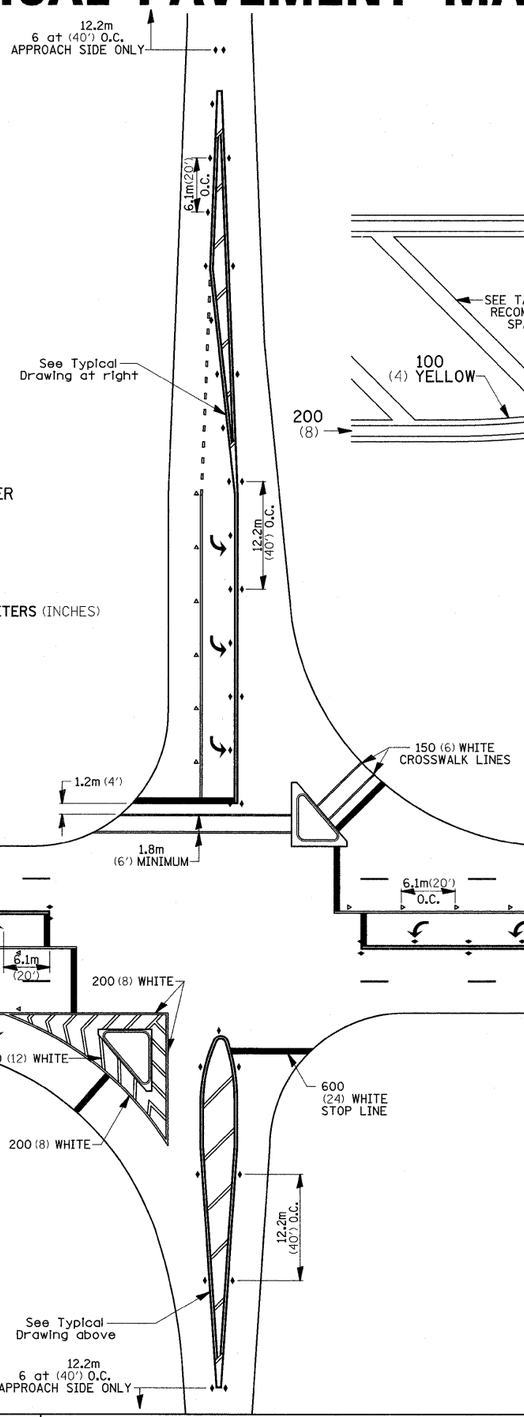
SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	52
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TYPICAL PAVEMENT MARKINGS

ARROW LAYOUT





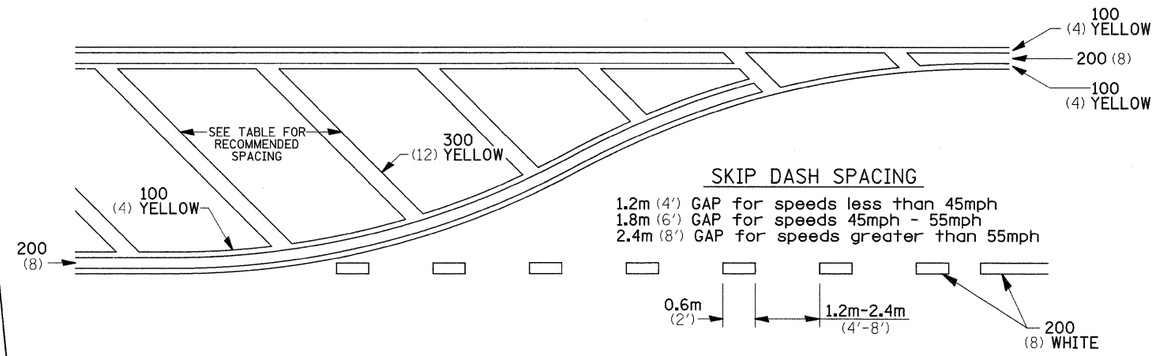
◀ ONE-WAY AMBER MARKER

◁ ONE-WAY CRYSTAL MARKER

◆ TWO-WAY AMBER MARKER

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

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



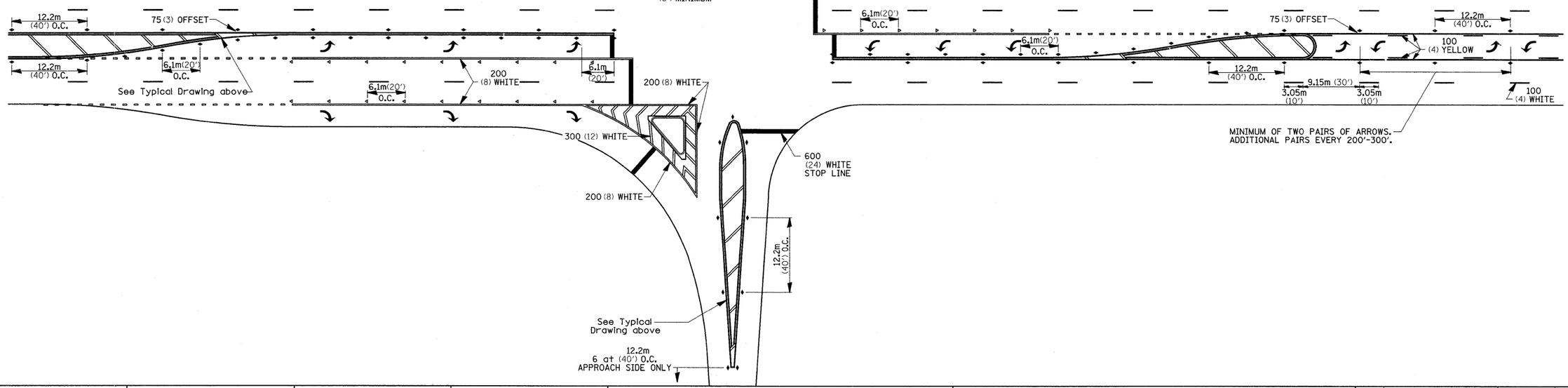
SKIP DASH SPACING

1.2m (4') GAP for speeds less than 45mph
1.8m (6') GAP for speeds 45mph - 55mph
2.4m (8') GAP for speeds greater than 55mph

RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

Speed Limit Range	Continuous Median Area	Intersection Channelization	Objects (Islands)
less than 50Km/H (30MPH)	15.3m (50')	4.53m (15')	3.05m (10')
50-60Km/H (30-40MPH)	22.9m (75')	6.1m (20')	4.53m (15')
70Km/H (45MPH) & over	22.9m (75')	9.05m (30')	6.1m (20')

NOTE: If the spacing recommended in the Table does not permit at least five diagonal lines in the area being marked, the spacing from the next lowest speed range should be used. The recommended spacing is measured parallel to the pavement center line.



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		DRAWN -	REVISED -		
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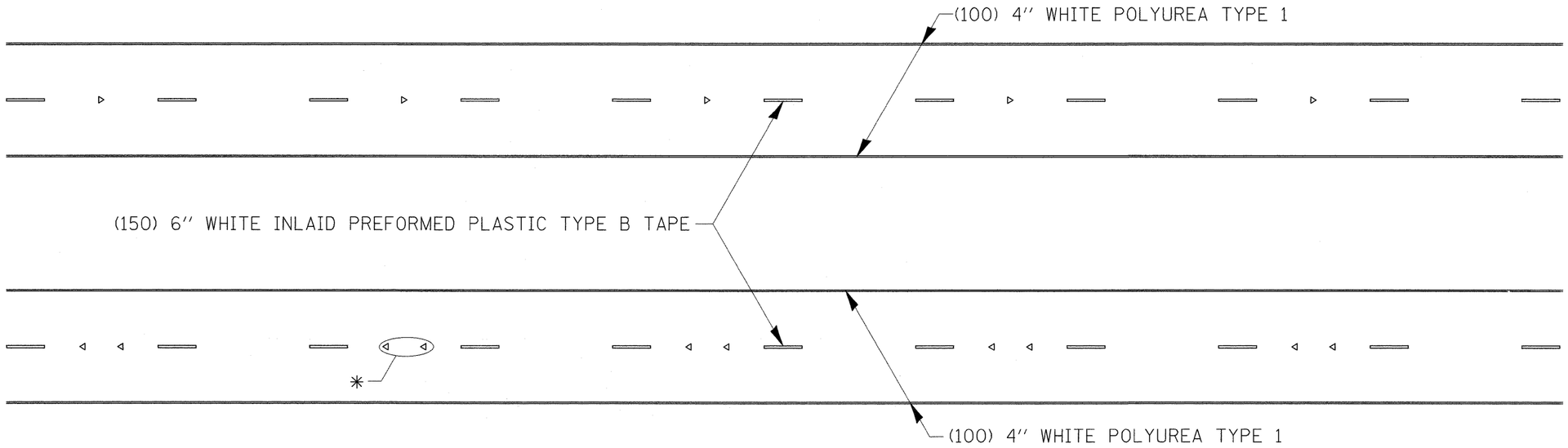
	PLOT DATE = Tue Jan 13 15:56:57 2009	DATE -	REVISED -		

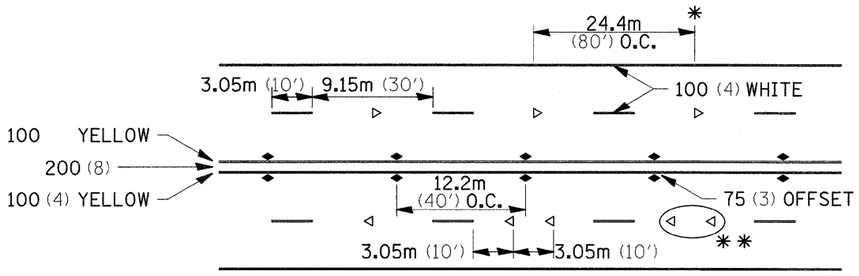
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	53
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TYPICAL PAVEMENT MARKINGS



* SEE HIGHWAY STANDARD 781001 FOR SPACING DETAILS.
  USE DOUBLE MARKERS WHEN ADT ≥ 25,000.

MULTI–LANE / DIVIDED



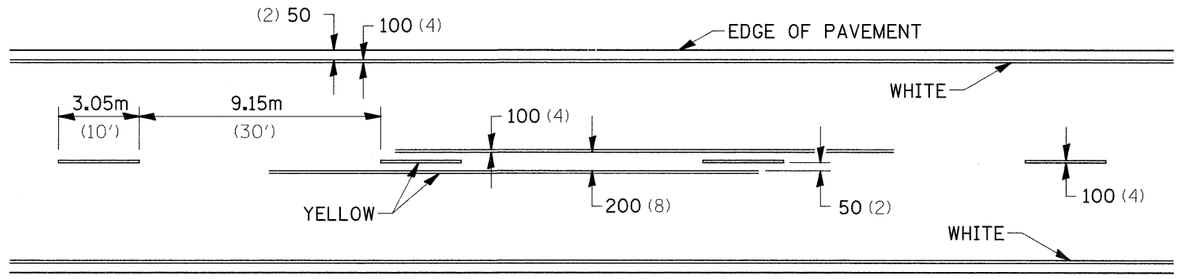
SYMBOLS

* REDUCE TO 12.2m (40') O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 15Km/H (10MPH) LOWER THAN POSTED SPEEDS.

** USE DOUBLE MARKERS WHEN ADT ≥ 25,000

MULTI–LANE / UNDIVIDED

TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION – NO PASSING ZONES



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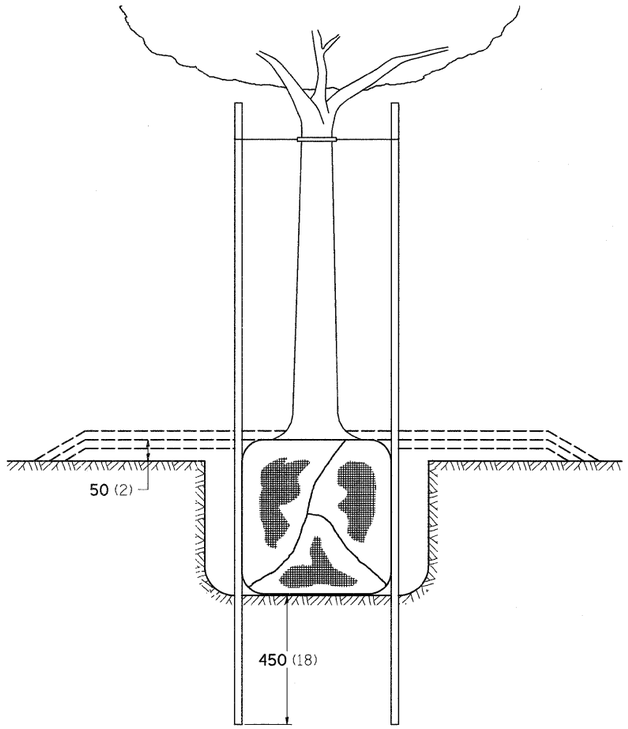
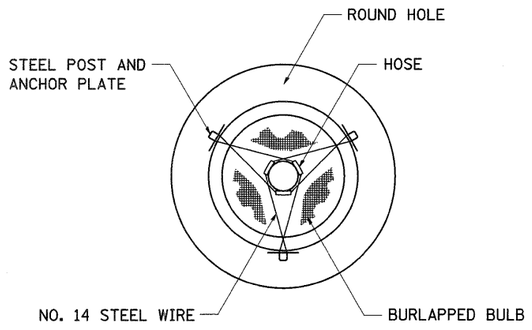
		DRAWN -	REVISED -						553	120M	OGLE	71	54
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED -								CONTRACT NO. 64E55		
	PLOT DATE = Tue Jan 13 15:57:41 2009	DATE -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DETAILS OF PLANTING AND BRACING TREES

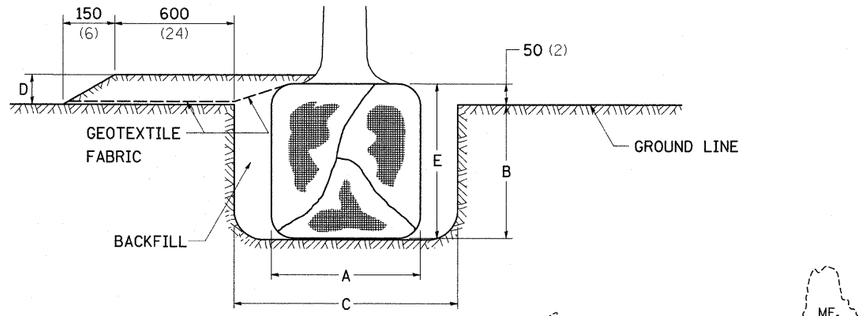


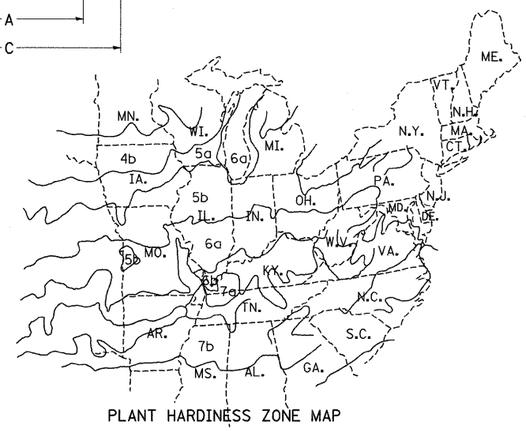
TREES SMALLER THAN 115 (4 1/2) IN DIAMETER



SMALL TREE SIZE	A DIAMETER OF BALL OR ROOT SYS.	B DEPTH OF HOLE EXCAVATION	C WIDTH OF HOLE EXCAVATION	D THICKNESS OF MULCH COVER	E DEPTH OF BALL OR ROOT SYS.	F VOLUME OF MULCH COVER m^3 (CU. YDS.)
1.5-1.8m (5'-6')	400 (16)	250 (10)	750 (30)	100 (4)	300 (12)	0.41 (0.54)
1.5-1.8m (5'-6') BB	400 (16)	250 (10)	750 (30)	100 (4)	300 (12)	0.41 (0.54)
1.8-2.0m (6'-7') BB	450 (18)	300 (12)	750 (30)	100 (4)	350 (14)	0.41 (0.54)
2.0-2.4m (7'-8') BB	500 (20)	275 (11)	750 (30)	100 (4)	325 (13)	0.41 (0.54)
2.4-3.0m (8'-10') BB	600 (24)	350 (14)	900 (36)	100 (4)	400 (16)	0.47 (0.61)
3.0-3.6m (10'-12') BB	650 (26)	375 (15)	900 (36)	100 (4)	425 (17)	0.47 (0.61)

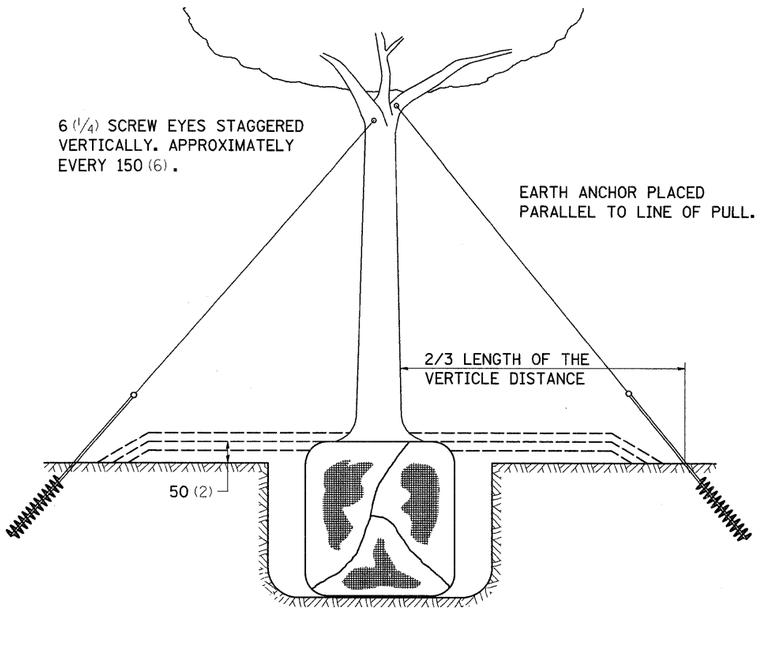
LARGE TREE SIZE	A DIAMETER OF BALL OR ROOT SYS.	B DEPTH OF HOLE EXCAVATION	C WIDTH OF HOLE EXCAVATION	D THICKNESS OF MULCH COVER	E DEPTH OF BALL OR ROOT SYS.	F VOLUME OF MULCH COVER m^3 (CU. YDS.)
0-50 (0-2)	500 (20)	275 (11)	900 (36)	100 (4)	325 (13)	0.47 (0.61)
50-65 (2-2 1/2)BB	600 (24)	350 (14)	1200 (48)	100 (4)	400 (16)	0.60 (0.78)
65-75 (2 1/2-3)BB	700 (28)	425 (17)	1200 (48)	100 (4)	475 (19)	0.60 (0.78)
75-90 (3-3 1/2) BB	800 (32)	425 (17)	1500 (60)	100 (4)	475 (19)	0.73 (0.96)
90-100 (3 1/2-4) BB	900 (36)	500 (20)	1500 (60)	100 (4)	550 (22)	0.73 (0.96)
100-115 (4-4 1/2) BB	1000 (40)	550 (22)	1800 (72)	100 (4)	600 (24)	0.89 (1.16)
115-125 (4 1/2-5) BB	1100 (44)	600 (24)	1800 (72)	100 (4)	650 (26)	0.89 (1.16)
125-140 (5-5 1/2) BB	1200 (48)	675 (27)	2100 (84)	100 (4)	725 (29)	1.06 (1.38)



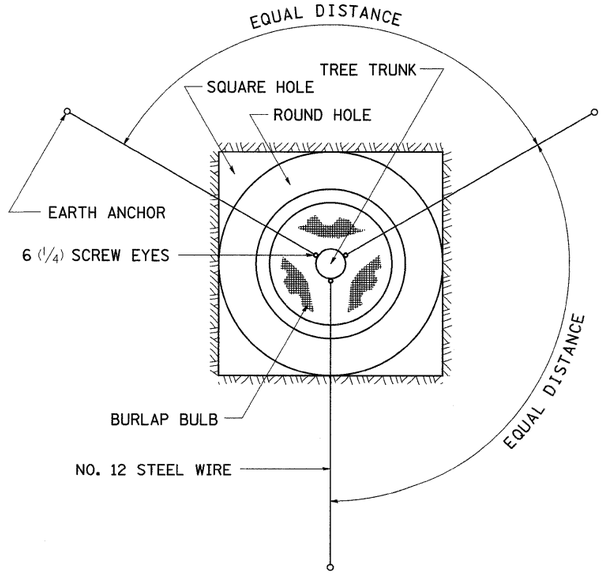


PLANT HARDINESS ZONE MAP

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
PUBLICATION NO. 814



TREES OVER 115 (4 1/2) IN DIAMETER



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

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		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	55
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DETAILS OF PLANTING AND BRACING TREES 92.1

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

780
775
770

TEMP. EASE
EX. ROW
776.43
1:4
-4.00%
774.75
774.99
Ex. ℄ 775.09
EX. ROW
C=14.26 F=5.68
SD=772.78
GRADE=0.3%
Sta. 1782+50 to 1782+75

1782 + 50.00

SECTION BEGINS
STA. 1782+34.43

780
775
770

TEMP. EASE
EX. ROW
776.10
1:4
-4.00%
774.77
Ex. ℄ 775.09
EX. ROW
C=2.95 F=1.13
SD=772.93
GRADE=0.3%
Sta. 1782+00 to 1782+50

1782 + 00.00

780
775
770

EX. ROW
776.66
1:4
774.78
4.00%
Ex. ℄ 775.09
EX. ROW
SD=772.95
GRADE=0.08%
Sta. 1781+76 to 1782+00

1781 + 76.00

IMPROVEMENT BEGINS
STA. 1781+75.73

780
775
770

EX. ROW
Ex. ℄ 775.09
EX. ROW
C=0.00 F=0.00

1781 + 50.00

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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

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

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 72

SCALE: | SHEET NO. OF SHEETS | STA. 1781+50.00 TO STA. 1782+50.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	56
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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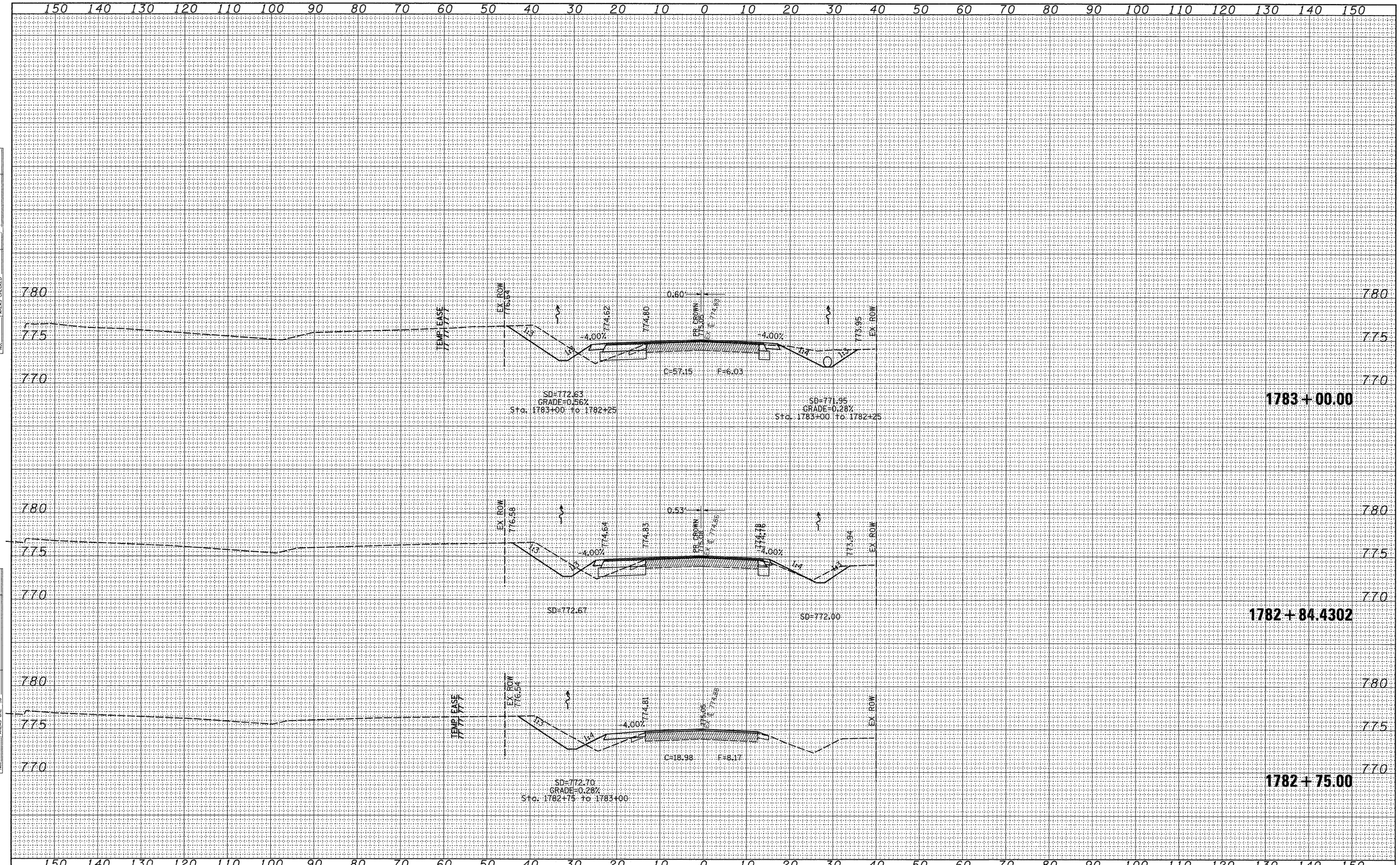
SURVEYED	BY	
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
	DATE	



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

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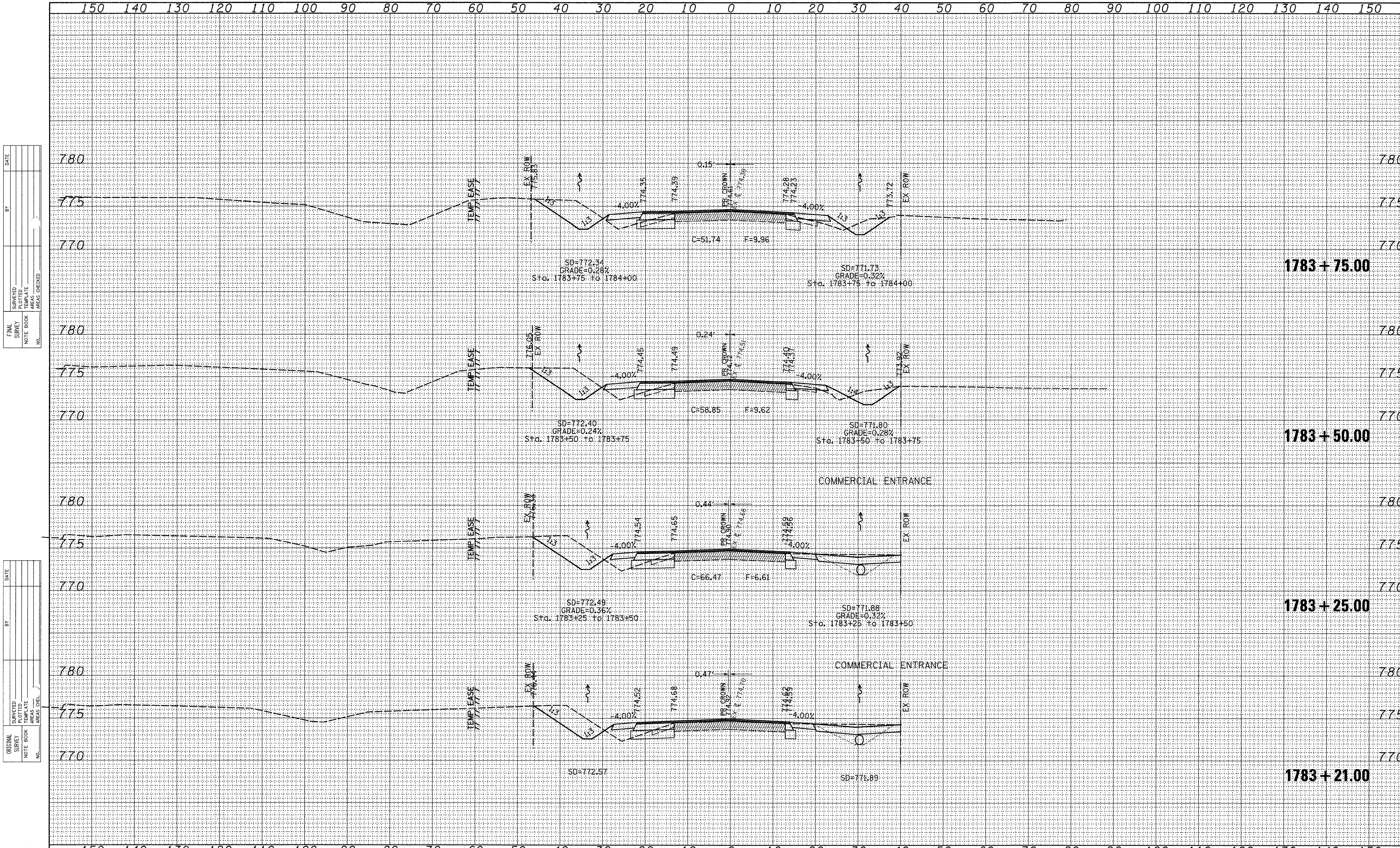
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 72

SCALE: | SHEET NO. OF SHEETS | STA. 1782+75.00 TO STA. 1783+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	57
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



1783 + 75.00
EX ROW
775.83
TEMP EASE
0.15'
PR CROWN
774.61
EX ℄ 774.59
774.35
774.39
774.28
774.23
773.72
4.00%
-4.00%
C=51.74
F=9.96
SD=772.34
GRADE=0.28%
Sta. 1783+75 to 1784+00
SD=771.73
GRADE=0.32%
Sta. 1783+75 to 1784+00
1783 + 50.00
776.05
0.24'
774.45
774.49
774.72
774.40
773.92
C=58.85
F=9.62
SD=772.40
GRADE=0.24%
Sta. 1783+50 to 1783+75
SD=771.80
GRADE=0.28%
Sta. 1783+50 to 1783+75
COMMERCIAL ENTRANCE
1783 + 25.00
0.44'
774.54
774.65
774.90
774.59
774.56
C=66.47
F=6.61
SD=772.49
GRADE=0.36%
Sta. 1783+25 to 1783+50
SD=771.88
GRADE=0.32%
Sta. 1783+25 to 1783+50
COMMERCIAL ENTRANCE
1783 + 21.00
0.47'
774.52
774.68
774.92
774.62
774.59
SD=772.57
SD=771.89

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PLOT SCALE = 10.0000 ' / IN.

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DESIGNED	-	REVISED	-
DRAWN	-	REVISED	-
CHECKED	-	REVISED	-
DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

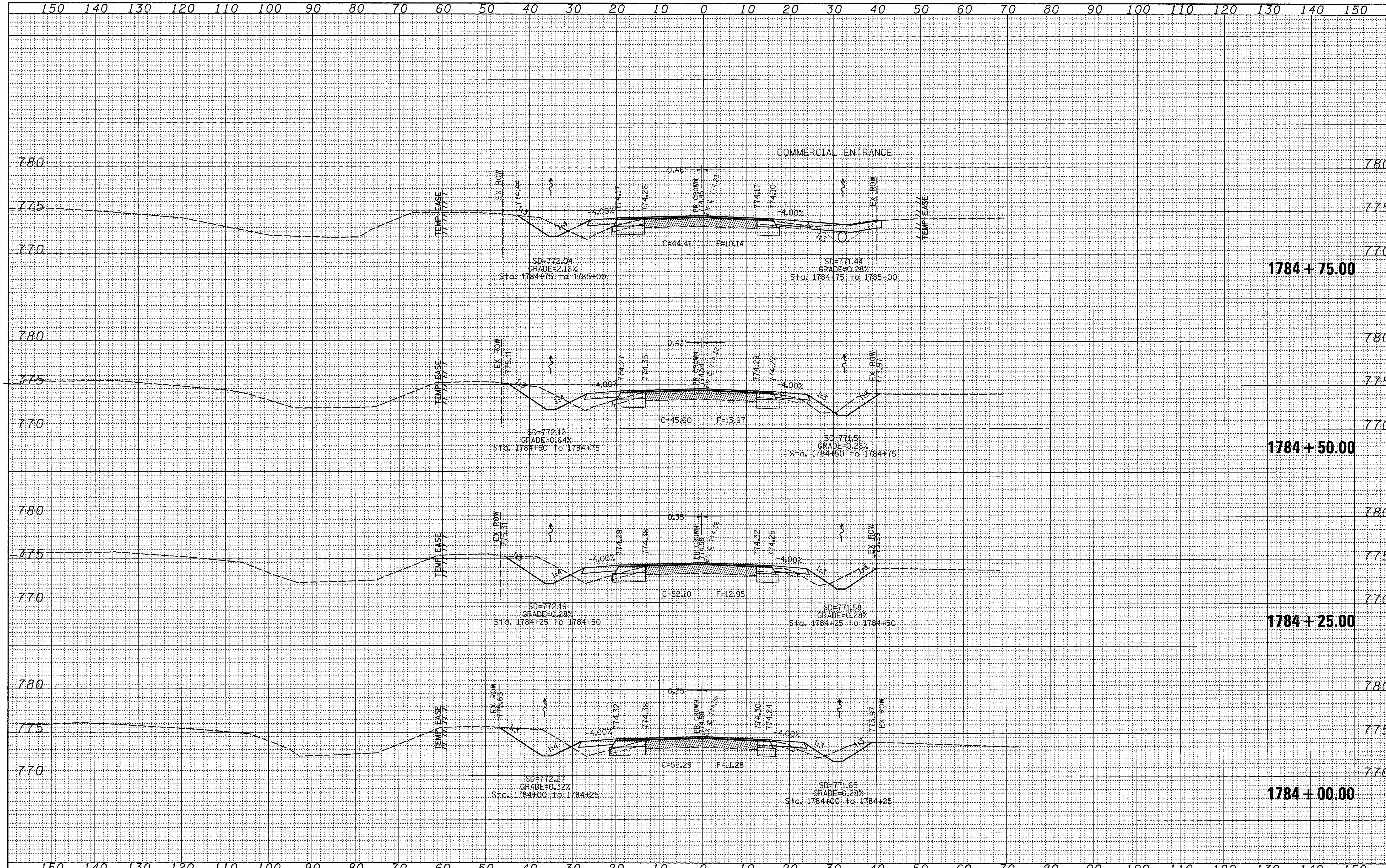
IL RTE 72

SCALE: | SHEET NO. OF SHEETS | STA. 1783+21.00 TO STA. 1783+75.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	58

CONTRACT NO. 64E55

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



150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150
COMMERCIAL ENTRANCE
780
775
770
TEMP EASE
EX ROW
774.44
0.46
-4.00%
774.17
774.26
PR CROWN
774.45
EX ℄ 774.23
774.17
774.10
C=44.41
F=10.14
SD=772.04
GRADE=2.16%
Sta. 1784+75 to 1785+00
SD=771.44
GRADE=0.28%
Sta. 1784+75 to 1785+00
1784 + 75.00
775.11
0.43
774.27
774.35
774.54
EX ℄ 774.32
774.29
774.22
773.97
C=45.60
F=13.97
SD=772.12
GRADE=0.64%
Sta. 1784+50 to 1784+75
SD=771.51
GRADE=0.28%
Sta. 1784+50 to 1784+75
1784 + 50.00
775.31
0.35
774.29
774.38
774.58
EX ℄ 774.36
774.32
774.25
773.99
C=52.10
F=12.95
SD=772.19
GRADE=0.28%
Sta. 1784+25 to 1784+50
SD=771.58
GRADE=0.28%
Sta. 1784+25 to 1784+50
1784 + 25.00
775.63
0.25
774.32
774.38
774.59
EX ℄ 774.36
774.30
774.24
773.97
C=55.29
F=11.28
SD=772.27
GRADE=0.32%
Sta. 1784+00 to 1784+25
SD=771.65
GRADE=0.28%
Sta. 1784+00 to 1784+25
1784 + 00.00

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

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

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PLOT SCALE = 10.0000 '/ IN.	CHECKED -	REVISED -
PLOT DATE = Tue Jan 13 16:00:01 2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

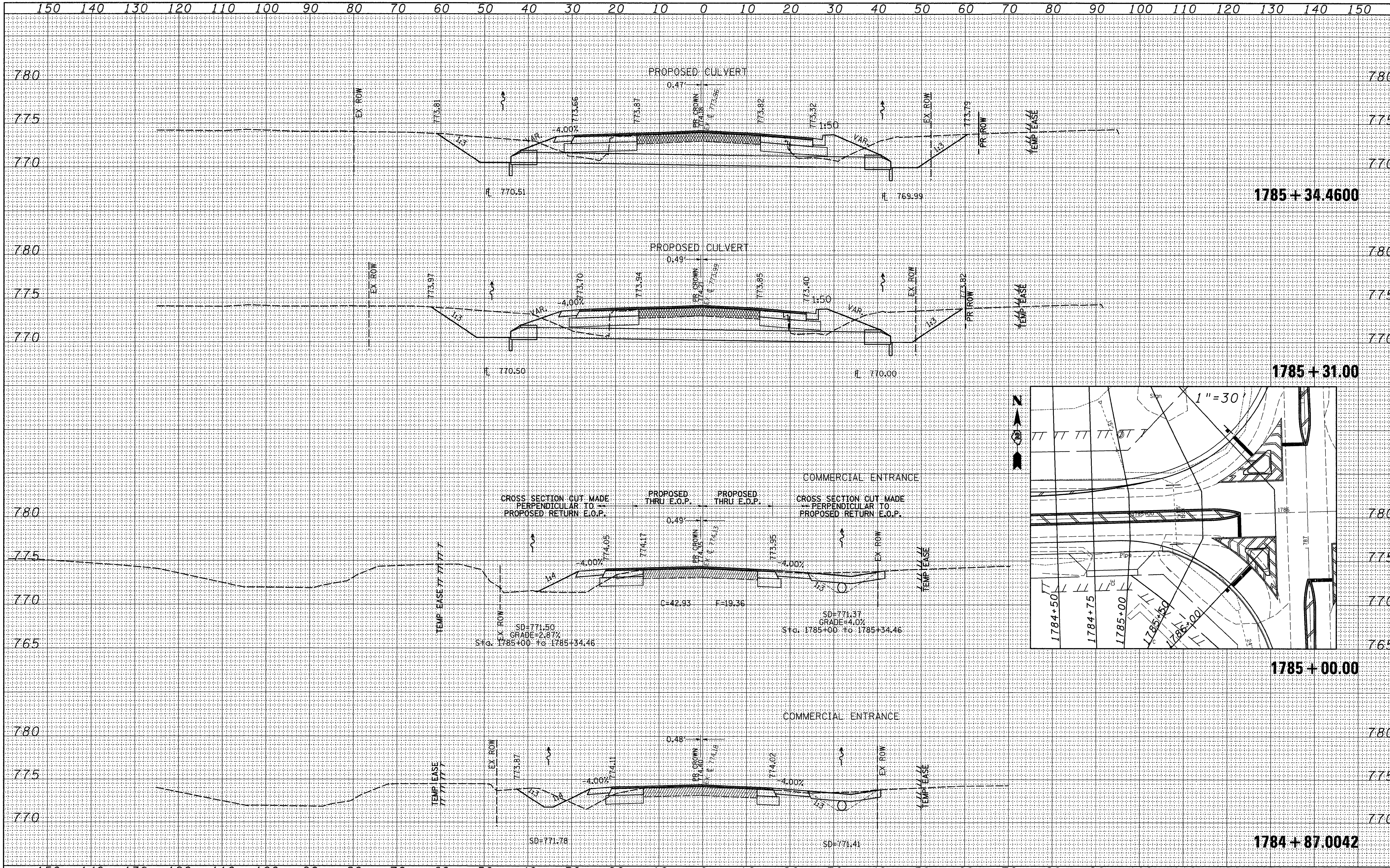
IL RTE 72

SCALE: | SHEET NO. OF SHEETS | STA. 1784+00.00 TO STA. 1784+75.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	59

CONTRACT NO. 64E55

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



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

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

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 72

SCALE: | SHEET NO. OF SHEETS | STA. 1784+87.00 TO STA. 1785+34.46

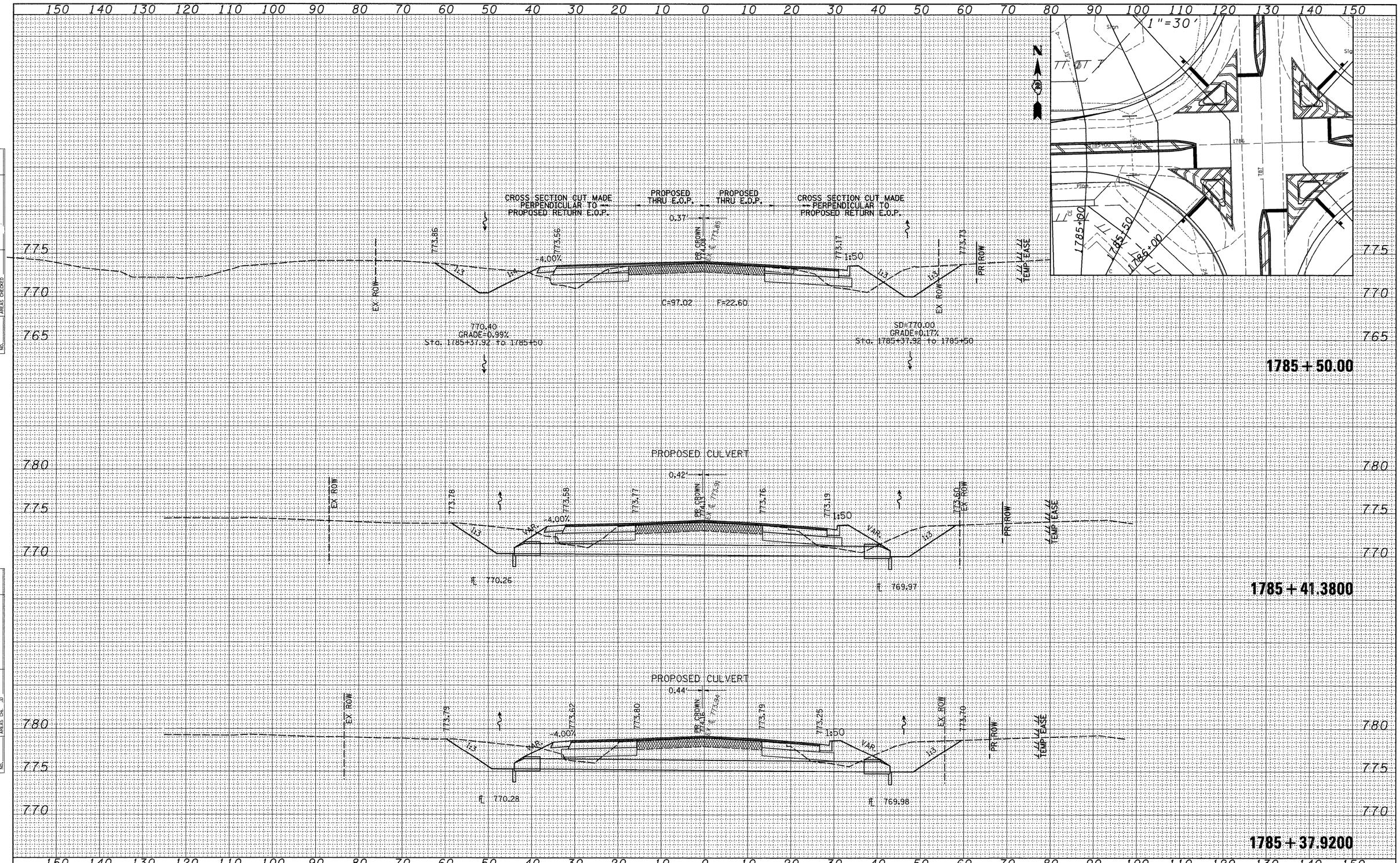
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	60

CONTRACT NO. 64E55

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

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

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



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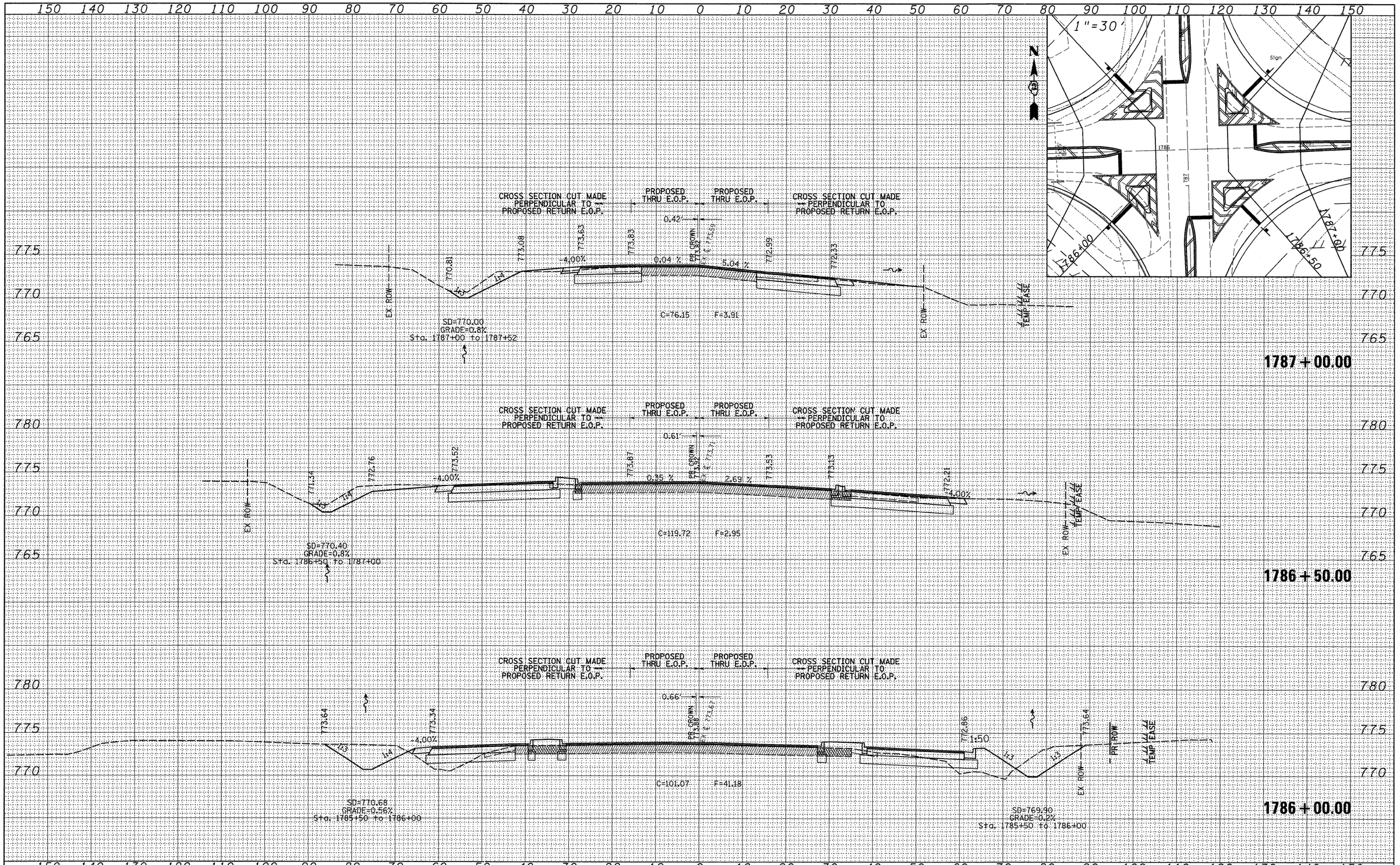
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 72

SCALE:	SHEET NO. OF SHEETS	STA. 1785+37.92 TO STA. 1785+50.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	61
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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

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

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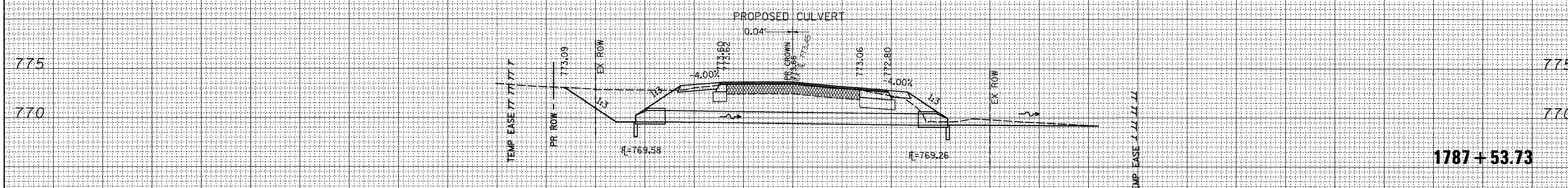
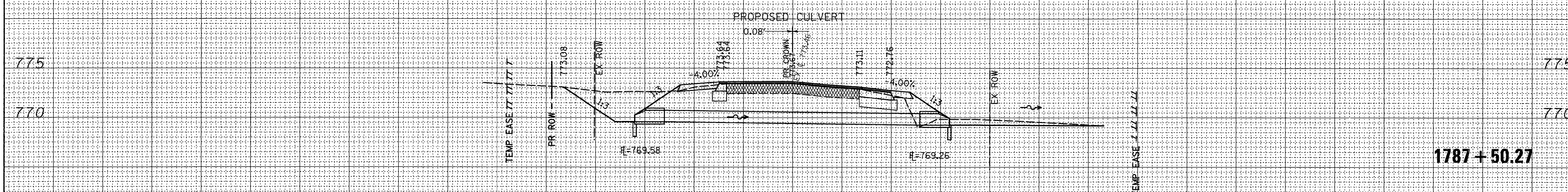
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

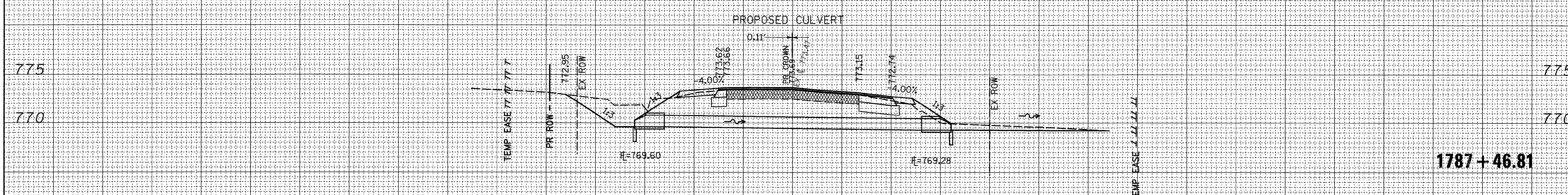
IL RTE 72

SCALE: | SHEET NO. OF SHEETS | STA. 1786+00.00 TO STA. 1787+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	62
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		







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

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DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

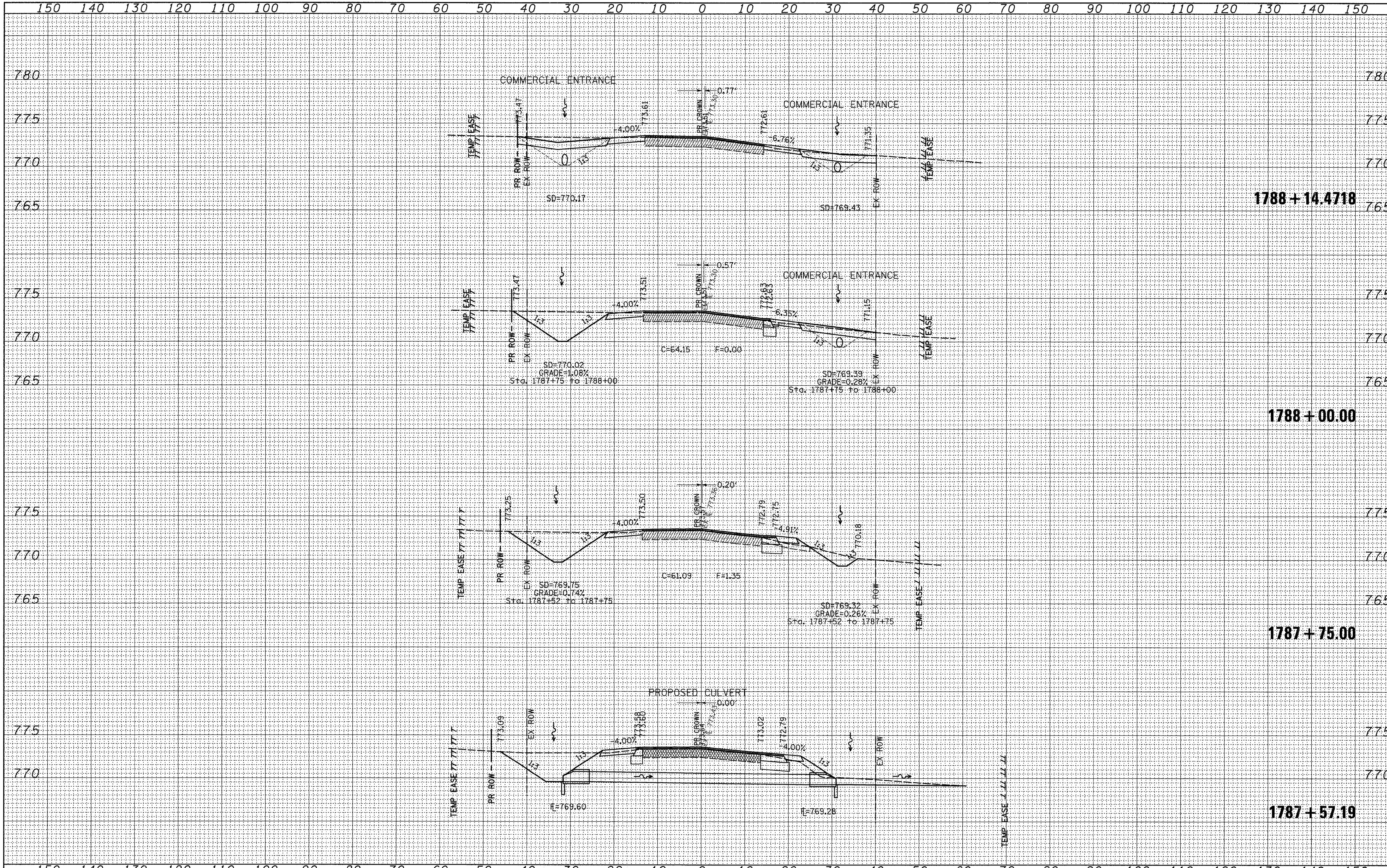
IL RTE 72

SCALE: SHEET NO. OF SHEETS STA. 1787+46.81 TO STA. 1787+53.73

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	63

CONTRACT NO. 64E55

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



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

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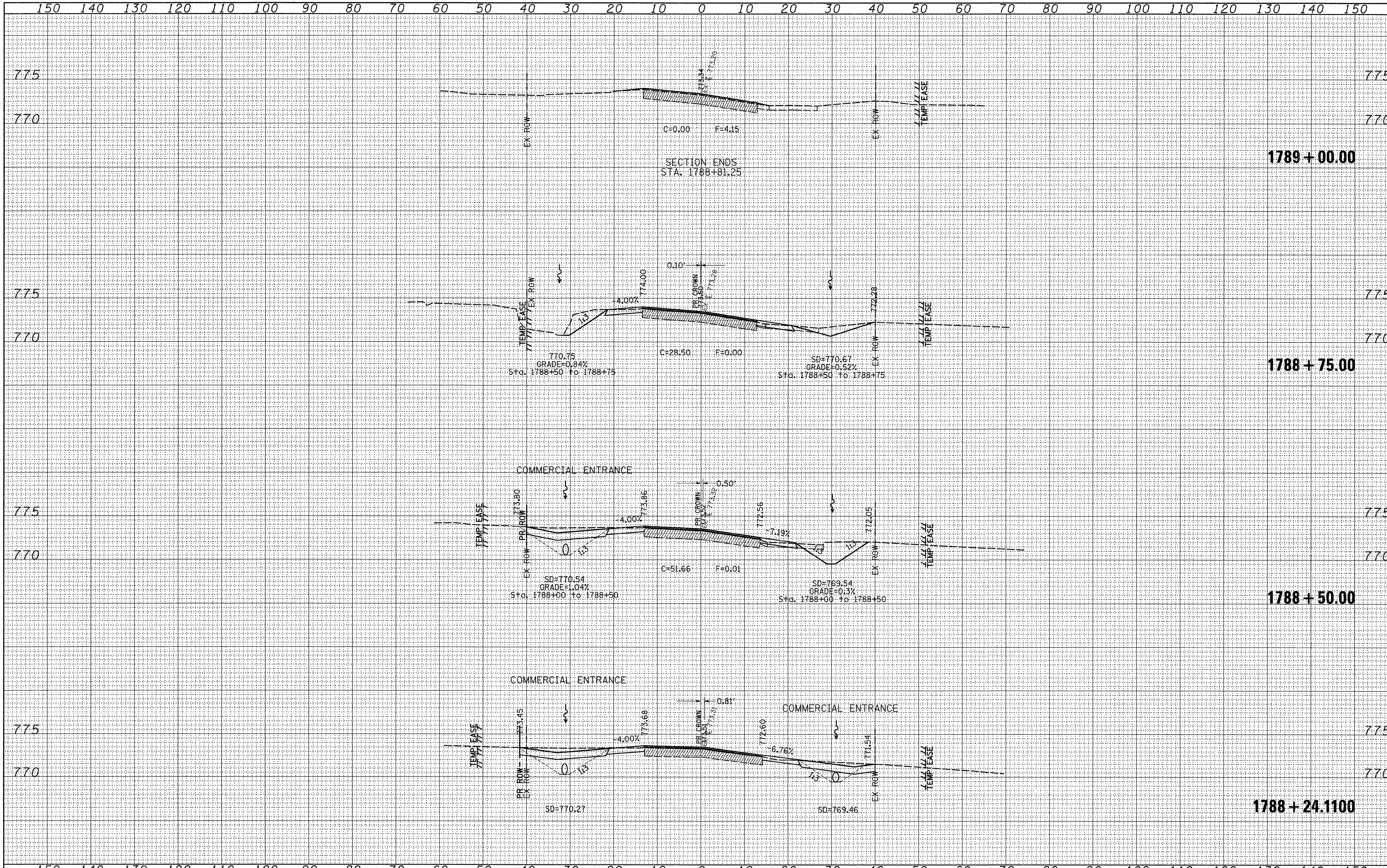
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 72

SCALE: | SHEET NO. OF SHEETS | STA. 1787+57.19 TO STA. 1788+14.47

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	64
		CONTRACT NO. 64E55		

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



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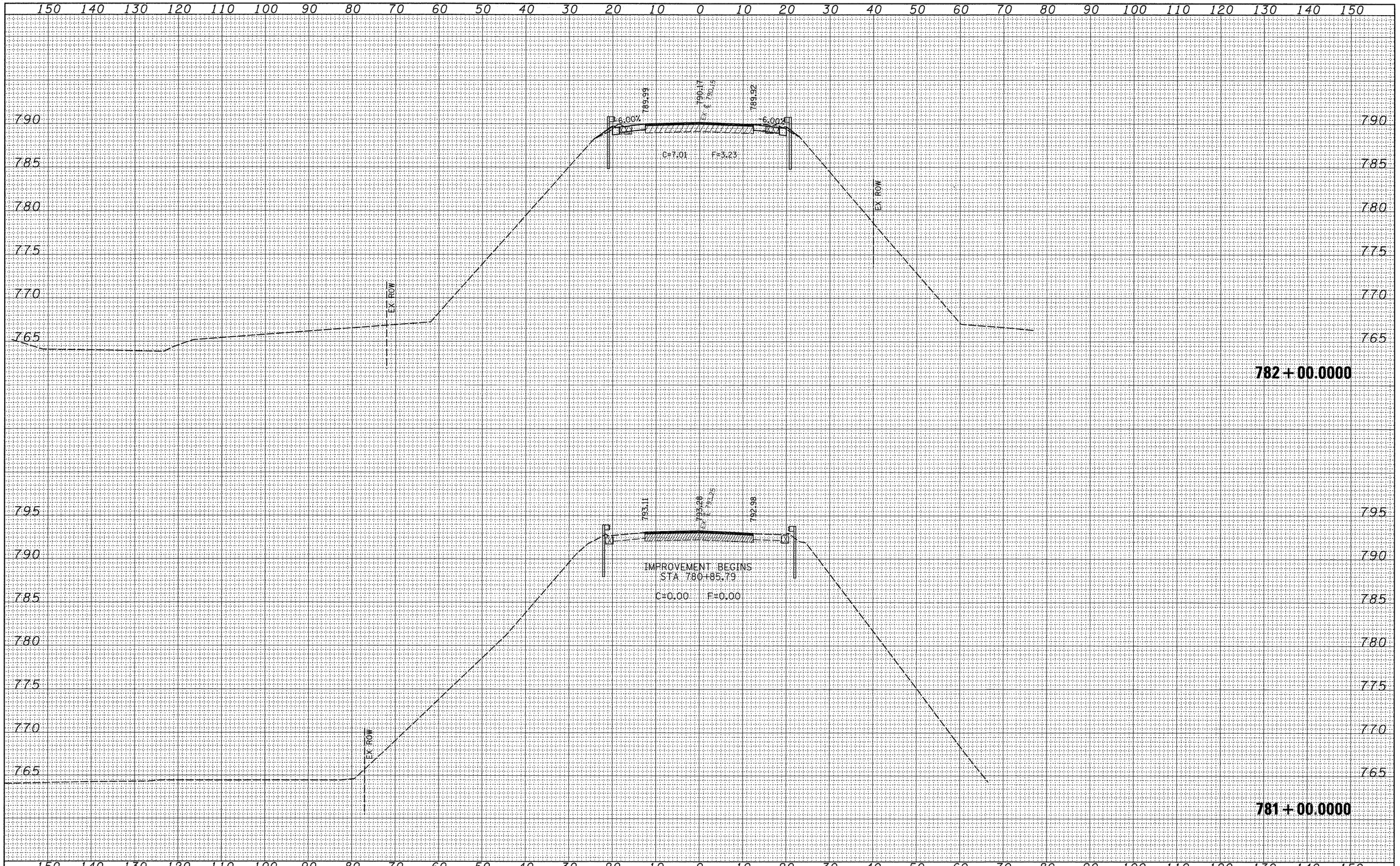
	PLOT SCALE = 10.0000 ' / IN.	DRAWN -	REVISED -					CONTRACT NO. 64E55		
	PLOT DATE = Tue Jan 13 16:01:36 2009	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS	STA. 1788+24.1100 TO STA. 1789+00.00	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	
		DATE -	REVISED -							



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

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

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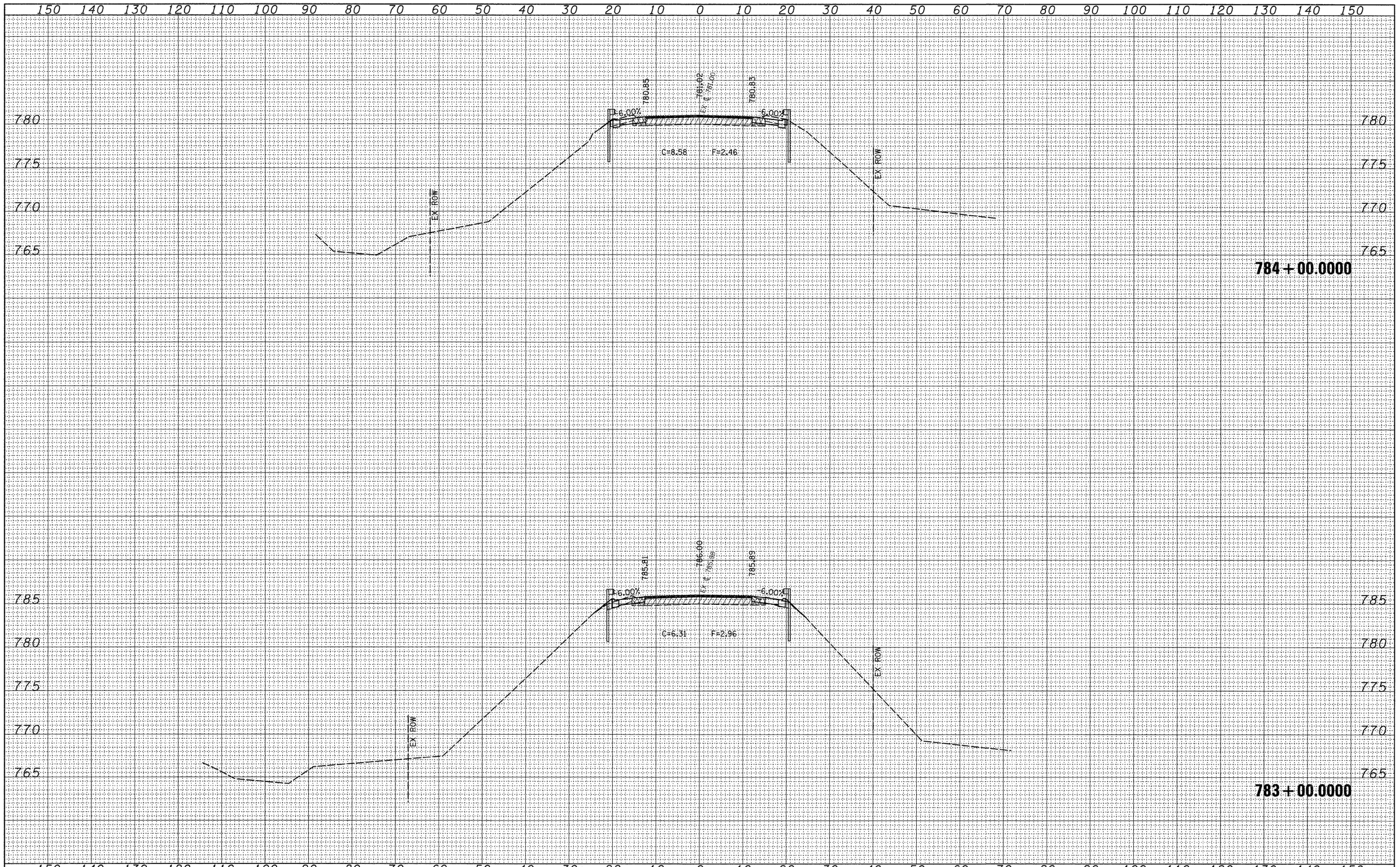
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 251

SCALE: | SHEET NO. OF SHEETS | STA. 781+00.0000 TO STA. 782+00.0000

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	66
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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

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

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	PLOT DATE = Tue Jan 13 16:02:06 2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

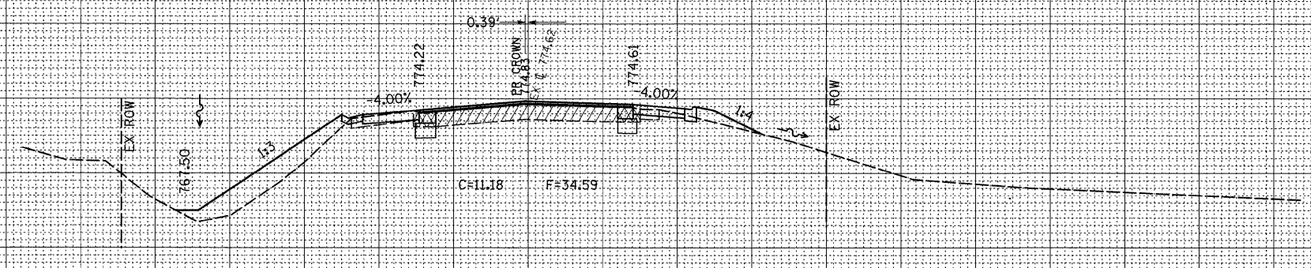
IL RTE 251

SCALE: | SHEET NO. OF SHEETS | STA. 783+00.0000 TO STA. 784+00.0000

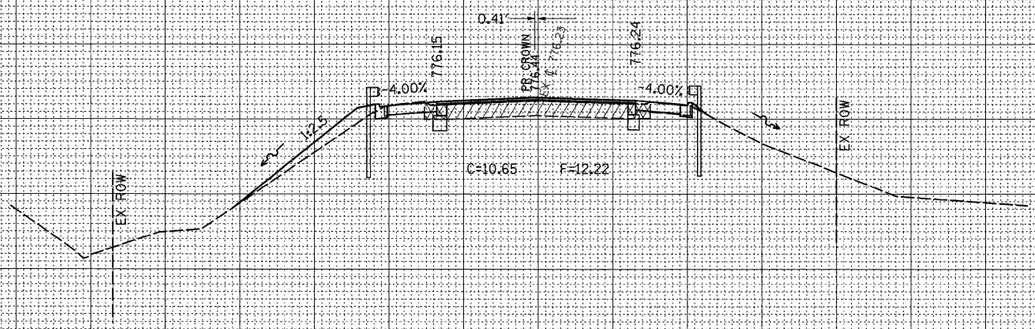
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	67
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

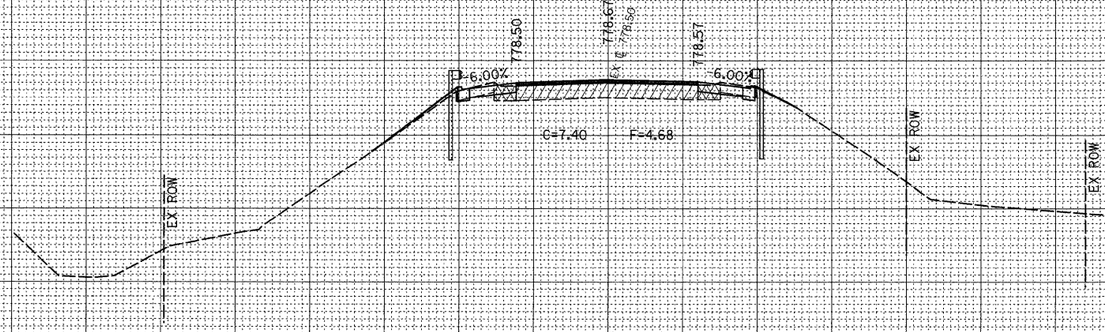
775
770



785 + 50.0000



785 + 00.0000



784 + 50.0000

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 251

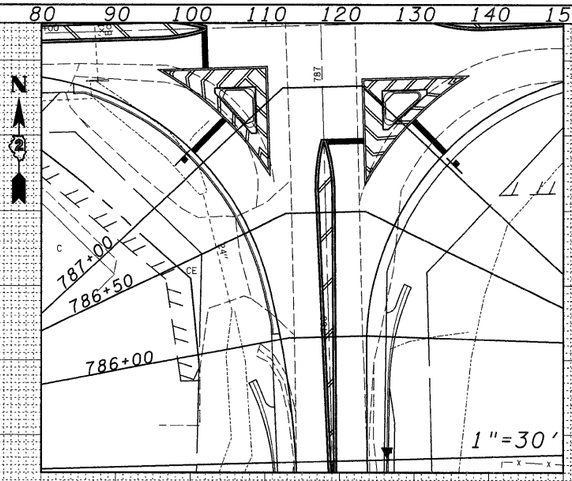
SCALE: | SHEET NO. OF SHEETS | STA. 784+50.0000 TO STA. 786+00.0000

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	68
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

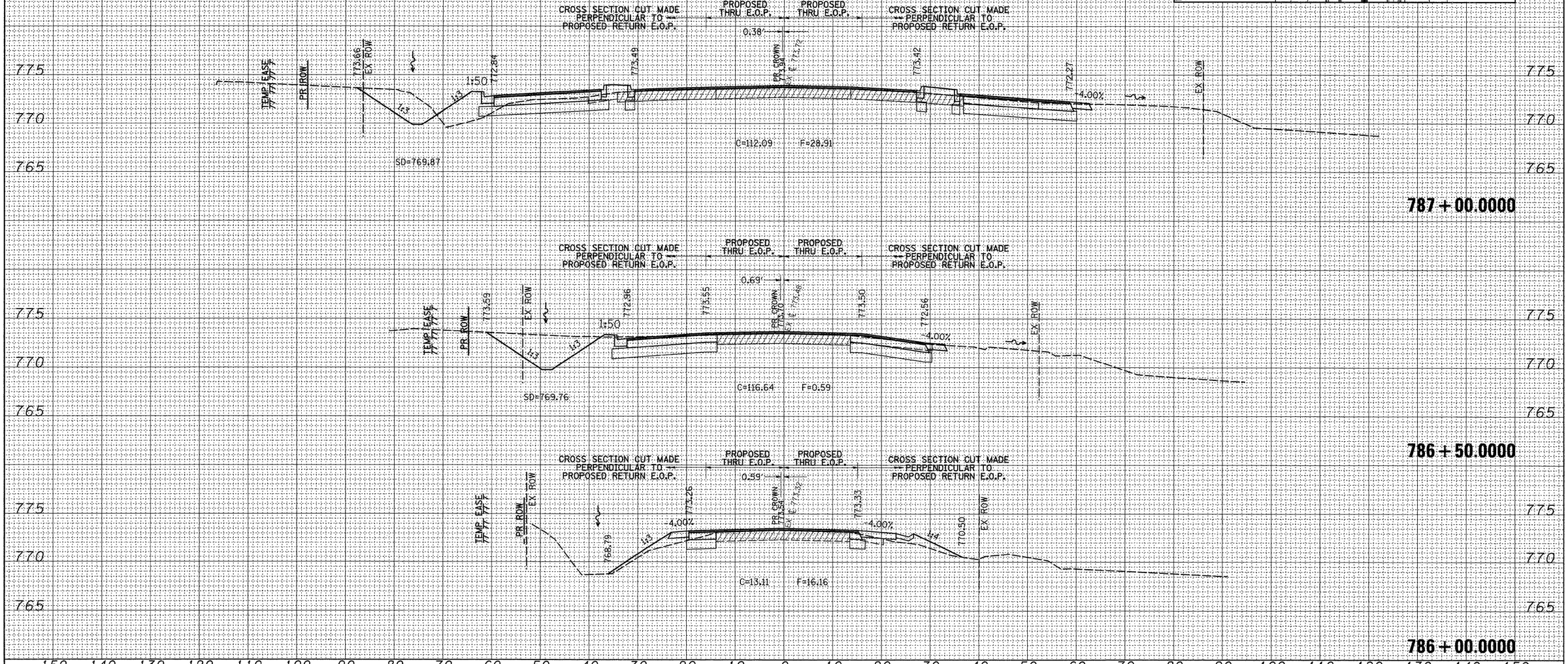
FINAL SURVEY	BY	DATE
NOTE BOOK	SURVEYED	
NO.	PLOTTED	
	TEMPLATE	
	AREAS	
	AREAS CHECKED	

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

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



CROSS SECTION CUT MADE PERPENDICULAR TO PROPOSED RETURN E.O.P. | PROPOSED THRU E.O.P. | PROPOSED THRU E.O.P. | CROSS SECTION CUT MADE PERPENDICULAR TO PROPOSED RETURN E.O.P.



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

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 251

SCALE: | SHEET NO. OF SHEETS | STA. 786+50.0000 TO STA. 787+50.0000

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	69
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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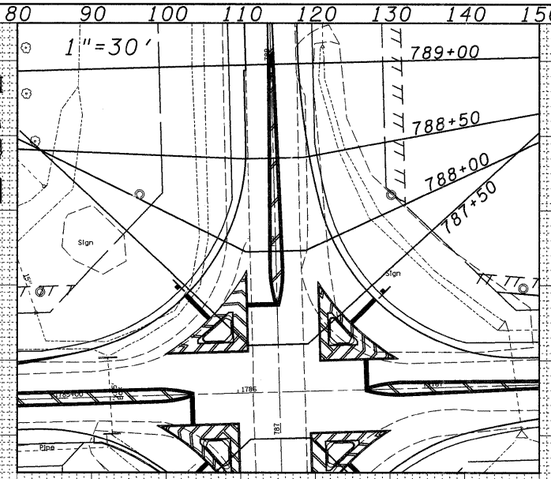
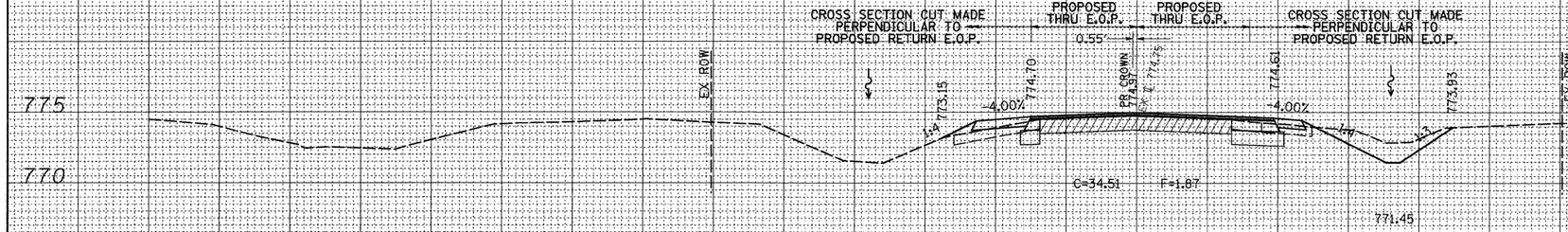
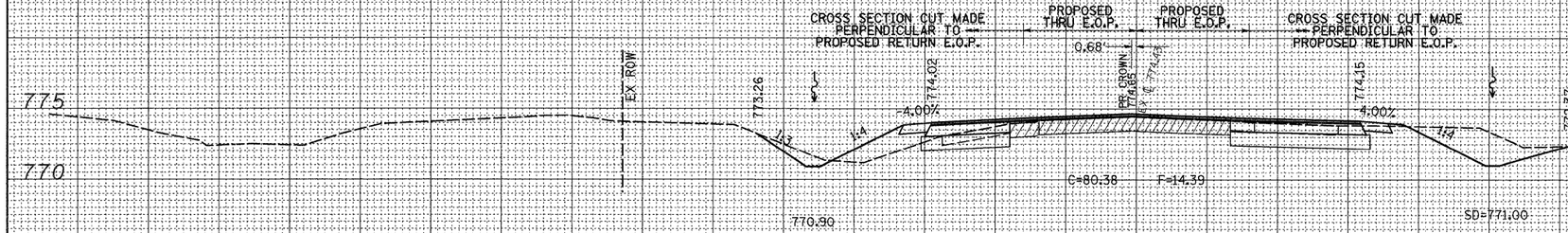


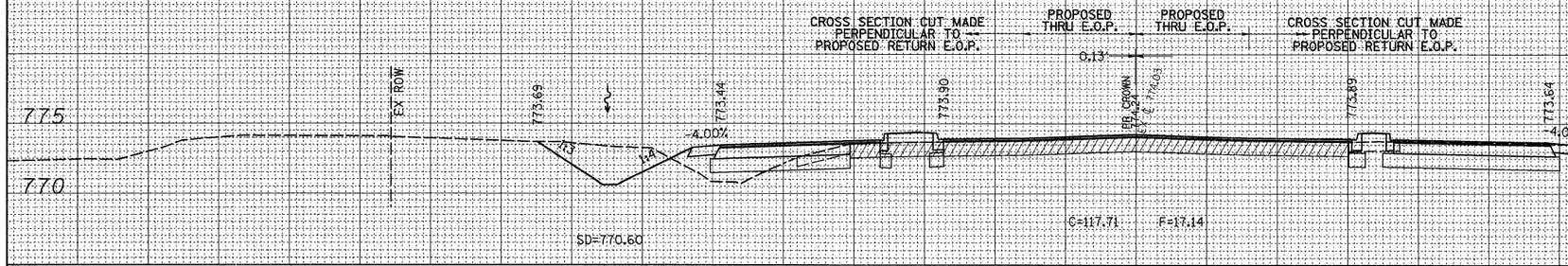
789 + 00.0000



788 + 50.0000



788 + 00.0000



787 + 50.0000

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

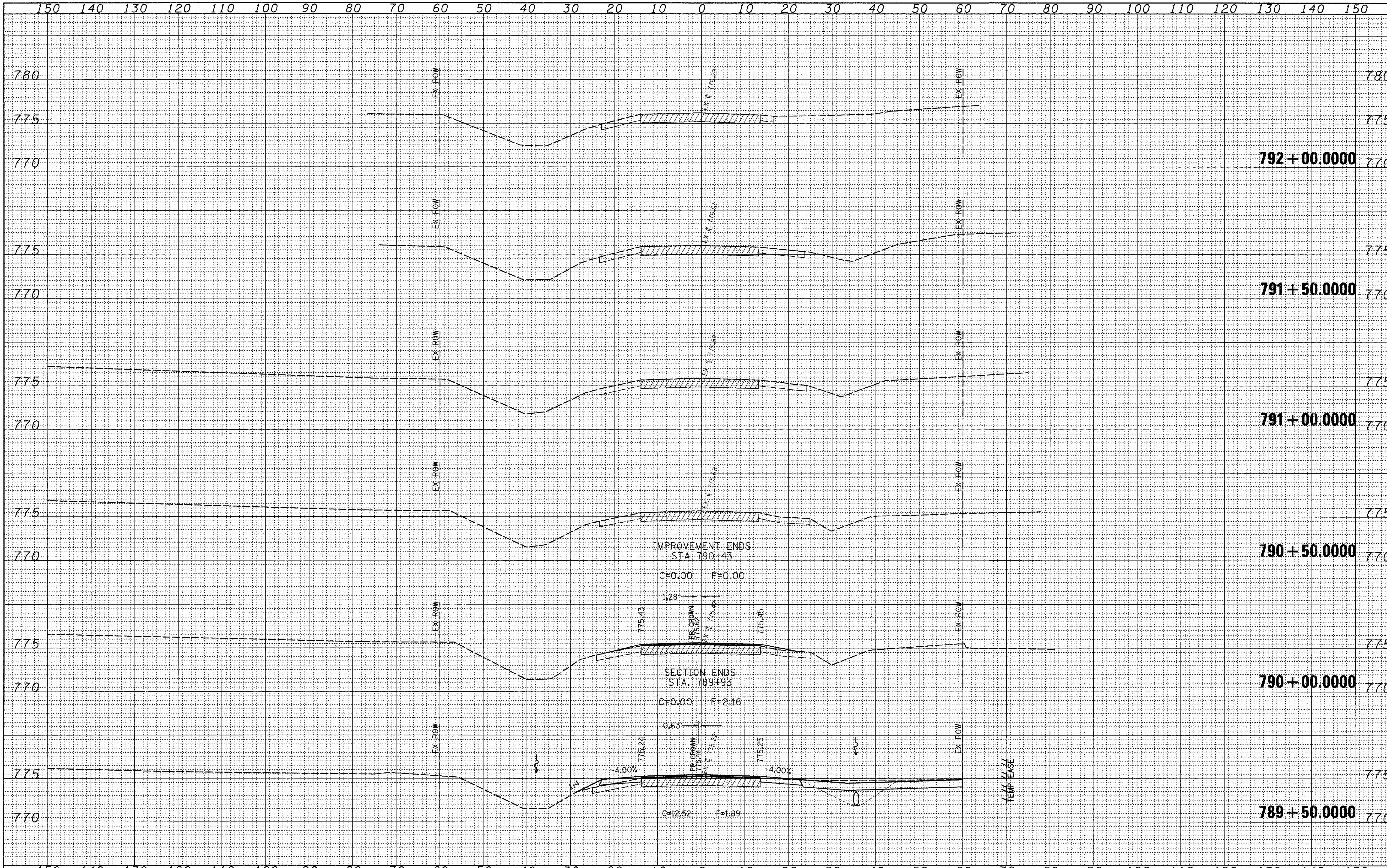
IL RTE 251

SCALE: | SHEET NO. OF SHEETS | STA. 788+00.0000 TO STA. 790+00.0000

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	70
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

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



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 251

SCALE: | SHEET NO. OF SHEETS | STA. 790+50.0000 TO STA. 792+00.0000

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
553	120M	OGLE	71	71
		CONTRACT NO. 64E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		