

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 1
		ILLINOIS	CONTRACT NO. 61C87	

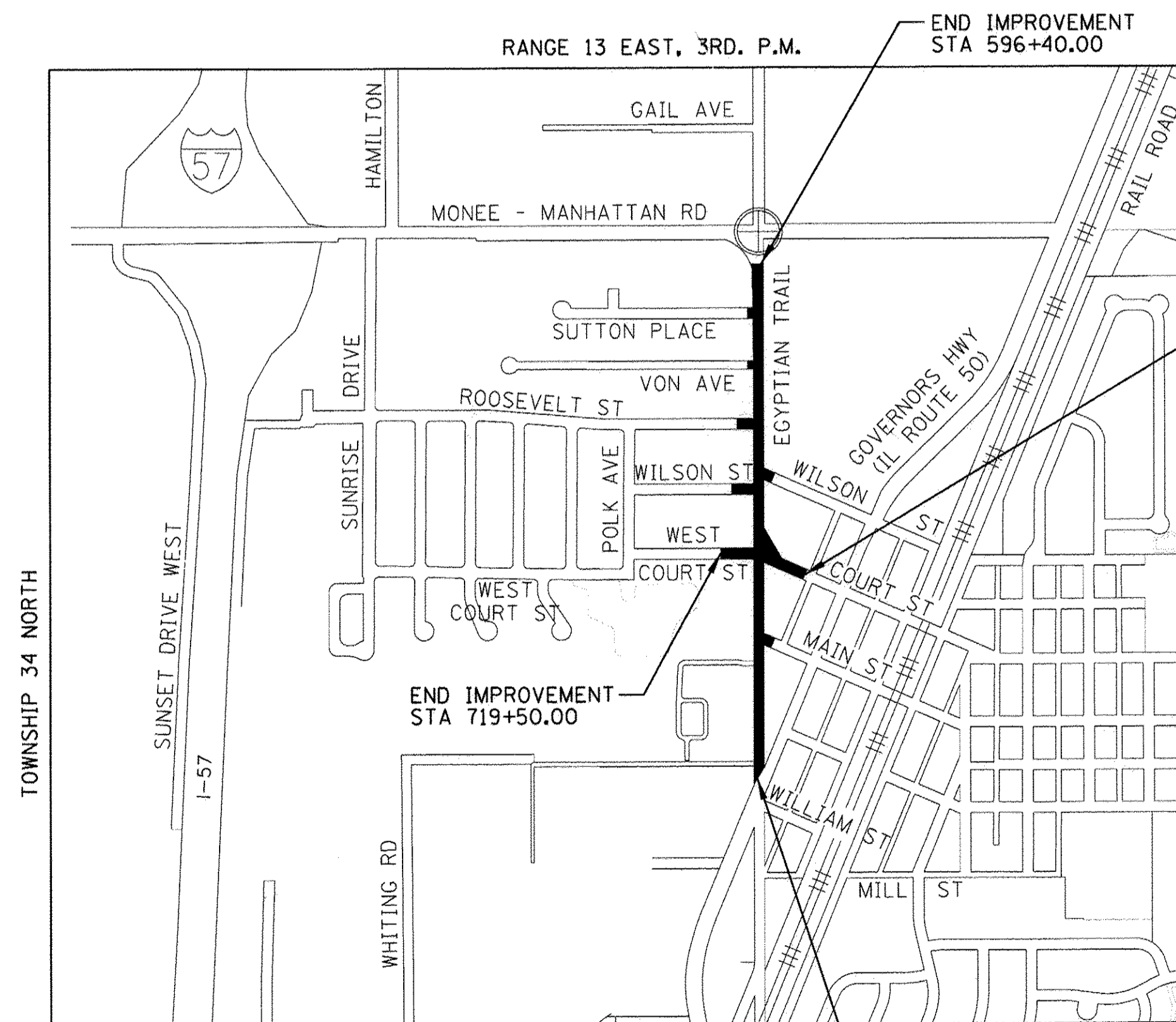
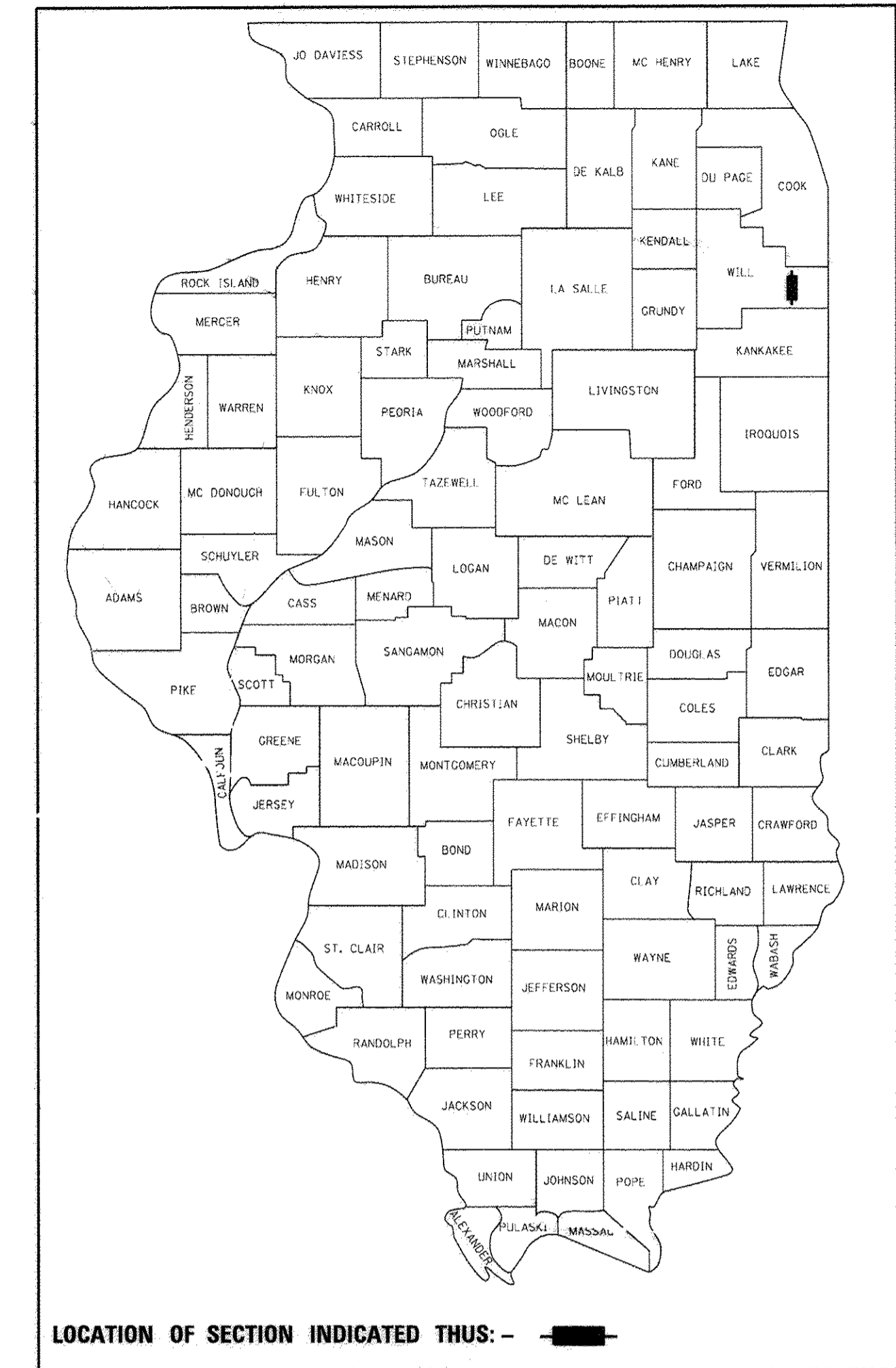
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**

F.A.U. ROUTE 2966 (EGYPTIAN TRAIL)
IL 50 (GOVERNORS HWY) TO MONEE-MANHATTAN RD (CH #6)
SECTION 12-00024-00-FP
PROJECT M-9003(990)
ROADWAY RECONSTRUCTION
VILLAGE OF MONEE, WILL COUNTY
JOB NO. C-91-342-12

SEE SHEET NO. 2
FOR INDEX OF SHEETS & LIST OF STANDARDS

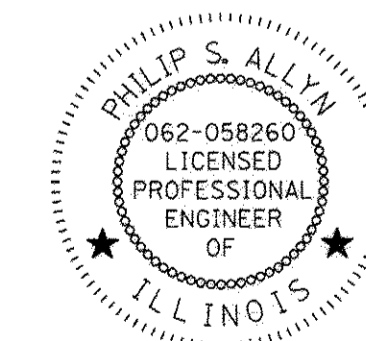
EGYPTIAN TRAIL
URBAN COLLECTOR
2016 ADT = 6,375 2040 ADT = 8,020
POSTED SPEED = 25 MPH
DESIGN SPEED = 30 MPH



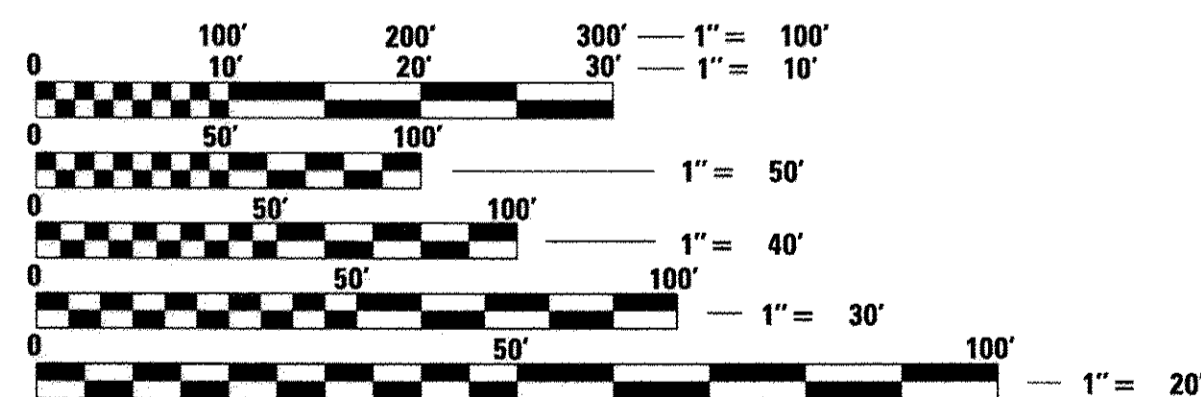
LOCATION MAP
N.T.S.

MONEE TOWNSHIP

GROSS & NET LENGTH OF EGYPTIAN TRAIL = 3,015.13 FT = 0.571 MILE
GROSS & NET LENGTH OF COURT STREET = 455.52 FT = 0.086 MILE
TOTAL GROSS & NET LENGTH OF PROJECT = 3,470.65 FT = 0.657 MILE



SIGNATURE: *[Signature]*
EXPIRES: 11/30/2017
DATE: 4/29/2016



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: PHILIP ALLYN, PE, PTOE
PROJECT MANAGER: YVONNE OWUSU-SAFO, PE

CONTRACT NO. 61C87

Farnsworth
GROUP
1144 W. JEFFERSON STREET
SHOREWOOD, ILLINOIS 60404
(815) 744-6940 / info@f-w.com

AGENCY RESPONSIBLE FOR LETTING	
Approved	<i>[Signature]</i> 4/29/2016 Sup. of Public Works Village of Monee
Passed	July 7, 2016 <i>[Signature]</i> Region One Engineer of Local Roads & Streets
Releasing for Bid Based on Limited Review	July 7, 2016 <i>[Signature]</i> Deputy Director of Highways, Region One Engineer

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

PROGRAM AND OFFICE ENGINEER: CHARLES RIDDLE, PE (847)705-4406, SCHAUMBURG, IL

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701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
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DISTRICT 1 STANDARDS

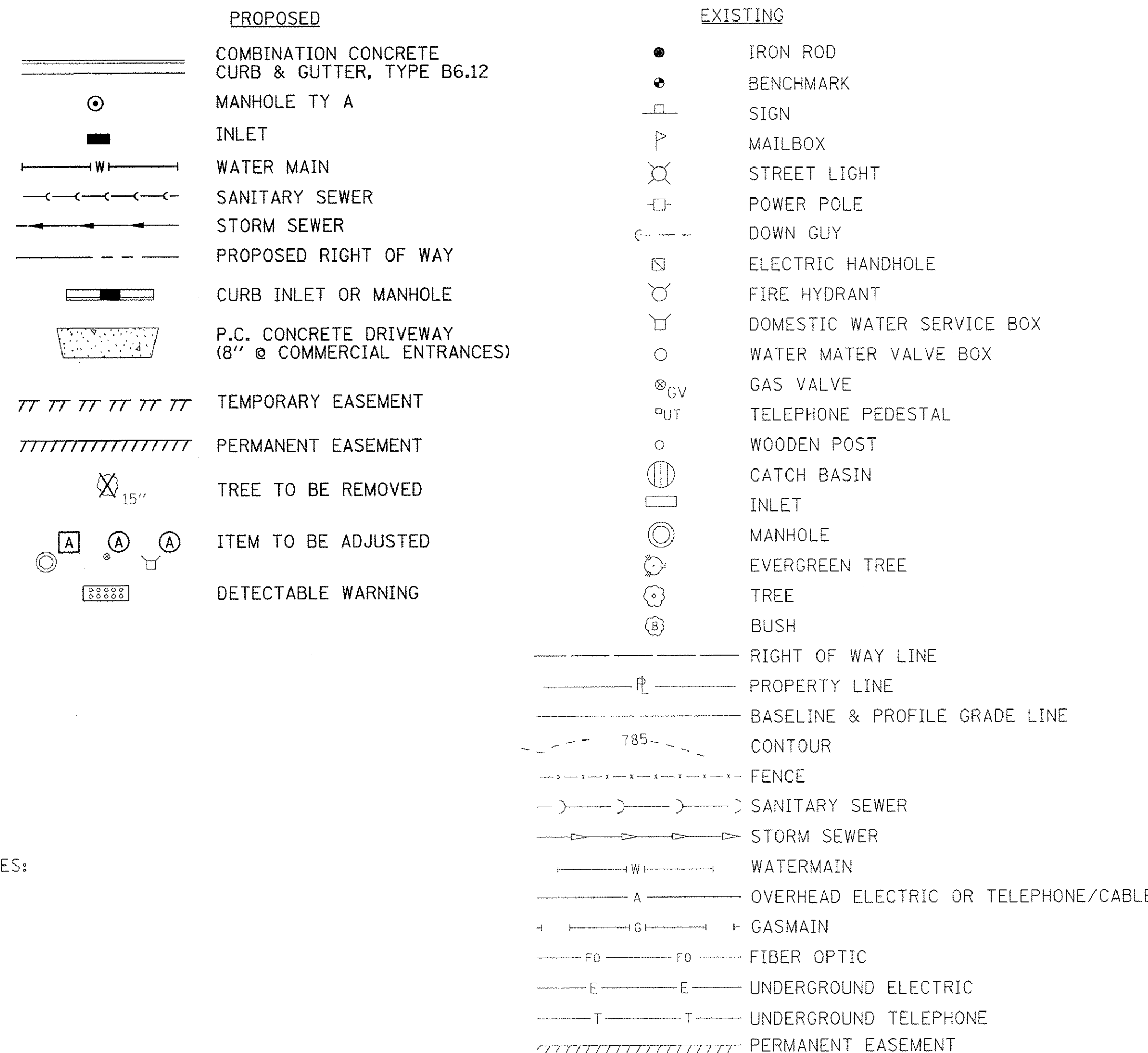
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GENERAL NOTES

- ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE TAKEN TO MEAN THE LATEST EDITION OF THE CITED STANDARD.
- THE TELEPHONE NUMBER FOR JOINT UTILITY LOCATING INFORMATION FOR CONTRACTORS IS 1-800-892-0123.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS THE JULIE NUMBER IS 1-800-892-0123.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL UNDERGROUND UTILITY FACILITIES. HE OR SHE SHALL ALSO OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULES OF THE UTILITY COMPANIES FOR THEIR MARKING OF THE EXACT LOCATION. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.
- ALL UTILITY POLES REQUIRING RELOCATION SHALL BE MOVED BY OTHERS UNLESS OTHERWISE SHOWN. THE POLES SHALL BE A MIN. 2' FROM FACE OF CURB AND A MIN. 3' FROM SIDEWALK / PATH.
- PROVIDE SIDEWALK RAMPS FOR THE DISABLED WHERE THERE ARE BOTH PROPOSED SIDEWALK AND PROPOSED CURB. SEE THE APPLICABLE STATE STANDARD AND SPECIAL PROVISIONS.
- DEPRESSED CURB AND GUTTER SHALL BE PROVIDED AT ALL DRIVEWAYS AND SIDEWALK RAMPS FOR THE DISABLED. SEE THE APPLICABLE STATE STANDARDS AND SPECIAL PROVISIONS.
- MAINTENANCE OF DRAINAGE THROUGH THE PROJECT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL DISTURBED AREAS ARE TO RECEIVE TOPSOIL (4" TYPICAL, 6" IN CENTER OF ROUNDABOUT) AND SODDING (SEE TYPICAL SECTIONS AND LANDSCAPING PLANS).
- AT THE END OF EACH STAGE, PLACE TOPSOIL AND SODDING. IF OTHER STAGE WORK IS COMPLETED AND SOD CAN NOT BE PLACED DUE TO TEMPERATURE OR CALENDAR REQUIREMENTS (ART. 252.04), SOD PLACEMENT SHALL BE DELAYED UNTIL SAID REQUIREMENTS ARE MET. STAGE 1A, 1B AND 1C ARE CONSIDERED A SINGLE STAGE.
- THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05	TON/CY
HOT-MIX ASPHALT	112	LBS/SY
LEVEL BINDER (MACHINE METHOD)	112	LBS/SY/IN
FERTILIZER NUTRIENTS	60	LBS/ACRE
- AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 (04/01/2016) AND THE IDOT SUBGRADE STABILITY MANUAL (05/01/2005). IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
- PIPE UNDERDRAINS TYPE 2 SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE STANDARD SPECIFICATIONS AND STANDARD 601001-05. TOP OF PIPE UNDERDRAINS SHALL BE PLACED 6" BELOW THE PROPOSED SUBGRADE OR AS DEEP AS POSSIBLE. THE COST OF MAKING PIPE UNDERDRAINS CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PROPOSED PIPE UNDERDRAINS.
- THE CONNECTION OF EXISTING OR PROPOSED STORM SEWERS, TILES, SUMP PUMP LINES, OR DRAIN LINES TO THE PROPOSED DRAINAGE SYSTEM STRUCTURE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE PAYITEMS FOR THE PROPOSED DRAINAGE SYSTEM.
- A FULL DEPTH SAW CUT SHALL BE PROVIDED AT ALL REMOVAL LIMITS UNLESS OTHERWISE SHOWN ON THE PLANS. THIS WORK SHALL BE INCLUDED IN THE COST OF REMOVAL ITEMS.
- THE DEPTH OF CONCRETE FOR DRIVEWAY PAVEMENTS SHALL BE 6 INCHES FOR PRIVATE OR FIELD ENTRANCES AND 8 INCHES FOR COMMERCIAL ENTRANCES.
- GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, SHRUBS, TREES OR OTHER NATURAL OR MAN-MADE OBJECTS WHERE SHALLOW FILLS OR CUTS ARE ADJACENT TO THE ITEMS. IT IS THE INTENT THAT THE LIMITS OF CONSTRUCTION BE SUCH AS TO PRESERVE IN THE ORIGINAL STATE AS MUCH AREA OF THE PROJECT RIGHT OF WAY AS POSSIBLE. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE AS DETERMINED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. (NAVD 88)
- THOSE SEEKING THE FULL GEOTECHNICAL REPORT OR PRELIMINARY SITE INVESTIGATION SHOULD CONTACT THE OWNER OF RECORD. TO MAKE ARRANGEMENTS FOR ACCESS TO THIS INFORMATION PLEASE CONTACT:
YVONNE OWUSU-SAF0, P.E.
FARNSWORTH GROUP
(815) 744-6940

LEGEND



ABBREVIATIONS

CCC&G	COMBINATION CONCRETE CURB & GUTTER
C&G	CURB & GUTTER
CL	CLASS
CLID	CLOSED LID
CLSM	CONTROLLED LOW STRENGTH MATERIAL
CNTR	CENTER
FL	FLOW LINE
FR	FRAME
GR	GRATE
INL	INLET
MH	MANHOLE
OLID	OPEN LID
PGL	PROFILE GRADE LINE
SAN	SANITARY
SS	STORM SEWER
TEMP CONST EASEMENT	TEMPORARY CONSTRUCTION EASEMENT
TBF	TRENCH BACKFILL
(TBR)	TO BE REMOVED
TC	TOP OF CURB
TG	TOP OF GRATE
TL	TOP OF LID
TRIM	TOP RIM
TY	TYPE
VAR	VARIES
P845.00	PAVEMENT ELEVATION
TC845.00	TOP OF CURB ELEVATION



USER NAME = dmejer	DESIGNED - YOS	REVISED -
	DRAWN - DRR	REVISED -
PLOT SCALE = 1/8" = 1' / 1/4"	CHECKED - PSA	REVISED -
PLOT DATE = 6/24/2016	DATE - 06/17/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, AND LEGEND

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. 01+52.30 TO STA. 596+40.00

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 2
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT M-9003(990)		

PAY ITEM #	DESCRIPTION	UNIT	ROADWAY
			Const. Code 0004 Urban
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	142
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	246
20101100	TREE TRUNK PROTECTION	EACH	35
* 20200100	EARTH EXCAVATION	CU YD	9, 856
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	1, 405
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	834
* 21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	225
△ * 21101805	COMPOST FURNISH AND PLACE, 2"	SQ YD	225
△ 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	107
△ 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	107
△ 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	107
△ * 25200100	SODDING	SQ YD	8, 742
△ * 25200200	SUPPLEMENTAL WATERING	UNIT	787
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	181
* 28000305	TEMPORARY DITCH CHECKS	FOOT	30

* PAY ITEMS WITH SPECIAL PROVISION

△ SPECIALTY PAY ITEMS

PAY ITEM #	DESCRIPTION	UNIT	ROADWAY
			Const. Code 0004 Urban
28000400	PERIMETER EROSION BARRIER	FOOT	1, 008
28000500	INLET AND PIPE PROTECTION	EACH	130
* 28000510	INLET FILTERS	EACH	130
* 30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	5, 372
35101400	AGGREGATE BASE COURSE, TYPE B	TON	212
* 40600990	TEMPORARY RAMP	SQ YD	118
* 40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	4, 513
* 40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	1, 388
40700100	BITUMINOUS MATERIALS (TACK COAT)	POUND	33, 458
* 42000210	PORTLAND CEMENT CONCRETE PAVEMENT 7 1/2"	SQ YD	1, 649
42001300	PROTECTIVE COAT	SQ YD	1, 649
* 42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	771
* 42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	355
* 42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	22, 274
* 42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	1, 477

* PAY ITEMS WITH SPECIAL PROVISION

△ SPECIALTY PAY ITEMS



USER NAME = dmeyer	DESIGNED - YOS	REVISED -
PLOT SCALE = 1:8000' / in.	DRAWN - DRR	REVISED -
PLOT DATE = 6/24/2016	CHECKED - PSA	REVISED -
	DATE - 06/17/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 1 OF 6 SHEETS STA. 01+52.30 TO STA. 596+40.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2966	12-00024-00-FP	WILL	129	3
JOB NO. C-91-342-12			CONTRACT NO. 61C87	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			M-9003(9)	

PAY ITEM #	DESCRIPTION	UNIT	ROADWAY
			Const. Code 0004 Urban
* 42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	183
42400800	DETECTABLE WARNINGS	SQ FT	464
44000100	PAVEMENT REMOVAL	SQ YD	12,672
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1,447
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,230
44000600	SIDEWALK REMOVAL	SQ FT	5,116
* 48101200	AGGREGATE SHOULDERS, TYPE B	TON	55
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	17
* 50105220	PIPE CULVERT REMOVAL	FOOT	394
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1
* 550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	708
* 550A2330	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 15"	FOOT	198
* 550A2340	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 18"	FOOT	318
* 550A2360	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 24"	FOOT	101
* 550A2520	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	FOOT	347

* PAY ITEMS WITH SPECIAL PROVISION

△ SPECIALTY PAY ITEMS

PAY ITEM #	DESCRIPTION	UNIT	ROADWAY
			Const. Code 0004 Urban
* 550A2530	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 15"	FOOT	126
* 550A2540	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 18"	FOOT	324
* 550A2560	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 24"	FOOT	21
* 550A2600	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 36"	FOOT	76
* 550A2610	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 42"	FOOT	613
550A4000	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 18"	FOOT	294
* 55100200	STORM SEWER REMOVAL 6"	FOOT	155
* 55100300	STORM SEWER REMOVAL 8"	FOOT	47
* 55100400	STORM SEWER REMOVAL 10"	FOOT	36
* 55100500	STORM SEWER REMOVAL 12"	FOOT	1,645
* 55100900	STORM SEWER REMOVAL 18"	FOOT	569
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	1,197
60100085	GEOTECHNICAL FABRIC FOR FRENCH DRAINS	SQ YD	102
60108206	PIPE UNDERDRAINS, TYPE 2, 6"	FOOT	250
* 60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	13

* PAY ITEMS WITH SPECIAL PROVISION

△ SPECIALTY PAY ITEMS



USER NAME = dmeyer	DESIGNED - YOS	REVISED -
	DRAWN - DRR	REVISED -
PLOT SCALE = 1.0000" = 1'-0"	CHECKED - PSA	REVISED -
PLOT DATE = 6/24/2016	DATE - 06/17/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 2 OF 6 SHEETS STA. 01+52.30 TO STA. 596+40.00

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 14
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	M-900399	

PAY ITEM #	DESCRIPTION	UNIT	ROADWAY
			Const. Code 0004 Urban
* 60219000	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 8 GRATE	EACH	3
* 60219300	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 11 FRAME AND GRATE	EACH	1
* 60219570	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 3V FRAME AND GRATE	EACH	17
* 60221100	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	11
* 60221200	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 3 FRAME AND GRATE	EACH	3
* 60222270	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 3V FRAME AND GRATE	EACH	1
* 60224446	MANHOLES, TYPE A, 7' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2
* 60224447	MANHOLES, TYPE A, 7' -DIAMETER, TYPE 3 FRAME AND GRATE	EACH	1
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	5
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	11
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	3
60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	2
* 60255500	MANHOLES TO BE ADJUSTED	EACH	14
* 60266600	VALVE BOXES TO BE ADJUSTED	EACH	19
60500040	REMOVING MANHOLES	EACH	4

* PAY ITEMS WITH SPECIAL PROVISION

△ SPECIALTY PAY ITEMS

PAY ITEM #	DESCRIPTION	UNIT	ROADWAY
			Const. Code 0004 Urban
60500060	REMOVING INLETS	EACH	12
* 60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	7,173
* 60608562	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12	FOOT	245
* 60609200	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.12	FOOT	615
△ * 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	190
△ * 66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1
△ * 66900530	SOIL DISPOSAL ANALYSIS	EACH	1
* 67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	16
67100100	MOBILIZATION	LSUM	1
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	16
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1,600
* 70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	2,975
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	16
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	10,672
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	232

* PAY ITEMS WITH SPECIAL PROVISION

△ SPECIALTY PAY ITEMS



USER NAME = dmayer	DESIGNED - YOS	REVISED -
PLOT SCALE = 1:8000 / 1" = 80'	DRAWN - DRR	REVISED -
PLOT DATE = 6/24/2016	CHECKED - PSA	REVISED -
	DATE - 06/17/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 3 OF 6 SHEETS STA. 01+52.30 TO STA. 596+40.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2966	12-00024-00-FP	WILL	129	5
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		M-900319

PAY ITEM #	DESCRIPTION	UNIT	ROADWAY
			Const. Code 0004 Urban
* 70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	75
* X7030025	WET REFLECTIVE TEMPORARY TAPE, TYPE III - LETTERS AND SYMBOLS	SQ FT	64
* X7030030	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 4 INCH	FOOT	42,688
* X7030050	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 12 INCH	FOOT	928
* X7030055	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 24 INCH	FOOT	300
△ 72000100	SIGN PANEL - TYPE 1	FOOT	536
△ 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	859
△ 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	369
△ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	6,451
△ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	964
△ 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	40
△ 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	178
△ 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	256
△ 78009018	MODIFIED URETHANE PAVEMENT MARKING - LINE 18"	FOOT	72
△ 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	94

* PAY ITEMS WITH SPECIAL PROVISION

△ SPECIALTY PAY ITEMS

PAY ITEM #	DESCRIPTION	UNIT	ROADWAY
			Const. Code 0004 Urban
△ 78200020	CURB REFLECTORS	EACH	102
△ 81028400	UNDERGROUND CONDUIT, PVC, 5" DIA.	FOOT	4
△ 81028750	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	4,036
△ 81028770	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 3" DIA.	FOOT	150
△ 81400730	HANDHOLE, COMPOSITE CONCRETE	EACH	15
△ 81400740	DOUBLE HANDHOLE, COMPOSITE CONCRETE	EACH	1
△ 81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	6,606
△ 81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	9
△ * 82500350	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP	EACH	1
△ 83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	63
△ D2C01030	EVERGREEN, JUNIPERUS HORIZONTALIS ANDORRA (ANDORRA CREEPING JUNIPER), 24" WIDTH, CONTAINER	EACH	40
△ K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	3
△ * K0036118	MULCH PLACEMENT 3"	SQ YD	74
△ * K1001969	GRAVEL MULCH	TON	26

* PAY ITEMS WITH SPECIAL PROVISION

△ SPECIALTY PAY ITEMS



USER NAME = dmeyer	DESIGNED - YOS	REVISED -
PLOT SCALE = 1/8" = 1' in.	DRAWN - DRR	REVISED -
PLOT DATE = 5/24/2016	CHECKED - PSA	REVISED -
	DATE - 06/17/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 4 OF 6 SHEETS STA. 01+52.30 TO STA. 596+40.00

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 6
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-9003999				

PAY ITEM #	DESCRIPTION	UNIT	ROADWAY
			Const. Code 0004 Urban
△ *	K1001985 IRRIGATION SLEEVES	FOOT	138
△ *	K1001988 IRRIGATION SYSTEM SPECIAL	LSUM	1
*	Z0013797 STABILIZED CONSTRUCTION ENTRANCE	SQ YD	234
	Z0013798 CONSTRUCTION LAYOUT	LSUM	1
*	Z0030850 TEMPORARY INFORMATION SIGNING	SQ FT	50
*	Z0056648 STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	FOOT	939
*	Z0056650 STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 15"	FOOT	421
*	Z0056652 STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 18"	FOOT	431
*	Z0056668 STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 12"	FOOT	70
*	Z0056670 STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 18"	FOOT	664
*	Z0056672 STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 24"	FOOT	40
*	Z0062456 TEMPORARY PAVEMENT	SQ YD	703
#	Z0076600 TRAINEES	HOUR	1,000
#	Z0076604 TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1,000
△ *	X0321501 WEED BARRIER FABRIC	SQ YD	225

* PAY ITEMS WITH SPECIAL PROVISION # CONSTRUCTION TYPE CODE 0042

△ SPECIALTY PAY ITEMS

PAY ITEM #	DESCRIPTION	UNIT	ROADWAY
			Const. Code 0004 Urban
△ *	X0323045 STONE OUTCROPPING	SQ FT	225
△ *	X0327980 PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	1,024
*	X1700006 STAMPED COLORED PORTLAND CEMENT CONCRETE MEDIAN SURFACE 4 INCH (SPECIAL)	SQ FT	5,089
*	X4021000 TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	15
*	X6020074 INLETS, TYPE A, TYPE 3V FRAME AND GRATE	EACH	37
*	X6020075 INLETS, TYPE B, TYPE 3V FRAME AND GRATE	EACH	15
*	X6020094 MANHOLES, TYPE A, 6' -DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	1
*	X6023508 INLETS, TYPE A, WITH SPECIAL FRAME AND GRATE	EACH	6
*	X7010216 TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1
△ *	X7830068 GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS AND SYMBOLS	SQ FT	369
△ *	X7830070 GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	6,451
△ *	X7830074 GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	1,220
△ *	X7830078 GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	40
△ *	X7830084 GROOVING FOR RECESSED PAVEMENT MARKING 19"	FOOT	72
△ *	X7830090 GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	178

* PAY ITEMS WITH SPECIAL PROVISION

△ SPECIALTY PAY ITEMS



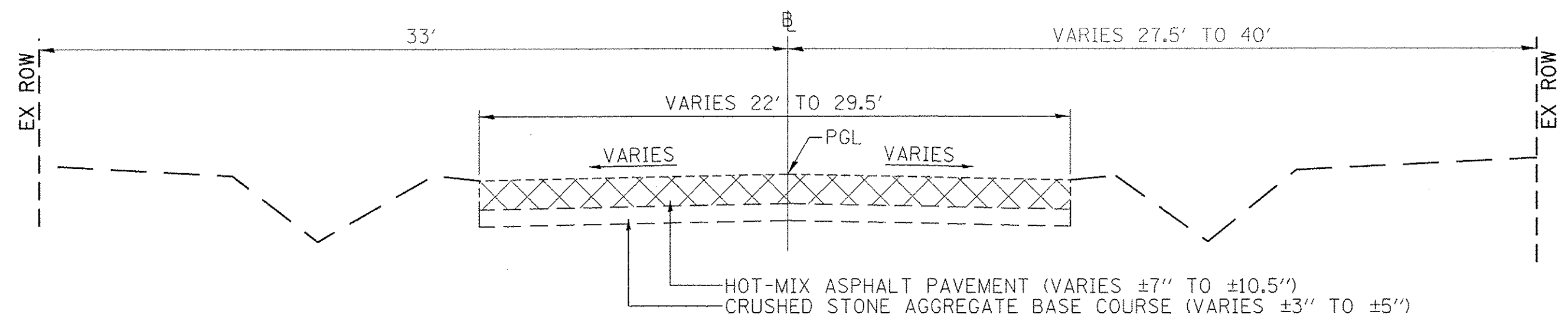
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PLOT DATE = 6/24/2016	CHECKED - PSA	REVISED -
	DATE - 06/17/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

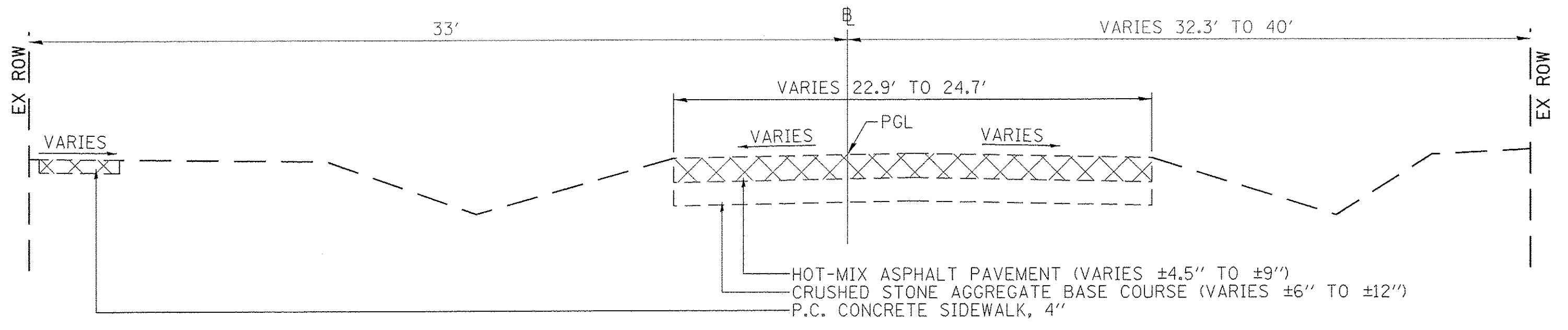
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F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2966	12-00024-00-FP	WILL	129	7
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO. [ILLINOIS]		FED. AID PROJECT M-9003(999)		



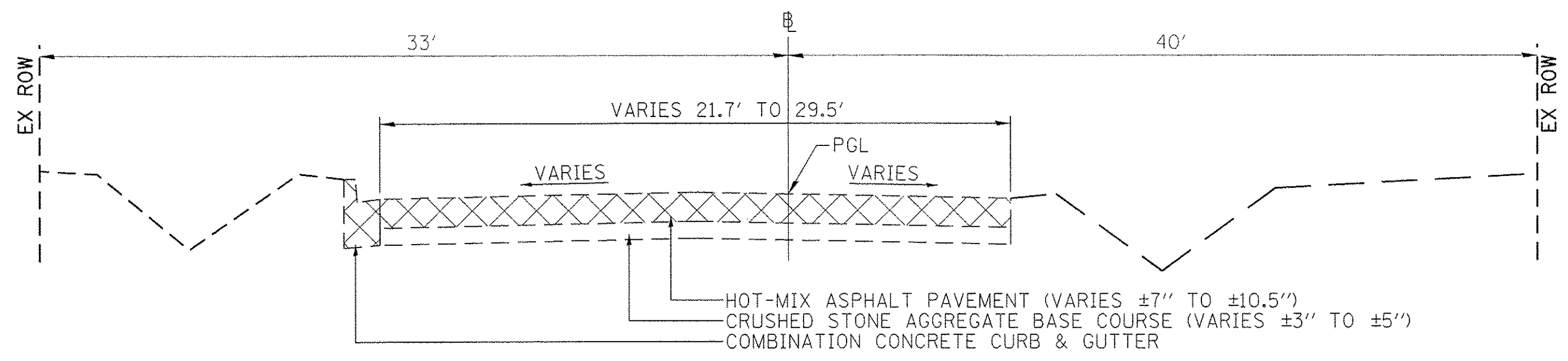
EXISTING TYPICAL CROSS SECTION

EGYPTIAN TRAIL
GOVERNORS HIGHWAY (IL RTE 50) TO MARGARET STREET
DERBY DRIVE TO COURT STREET
STA 1+52.30 TO STA 4+20.92
STA 8+62.81 TO STA 582+50.54



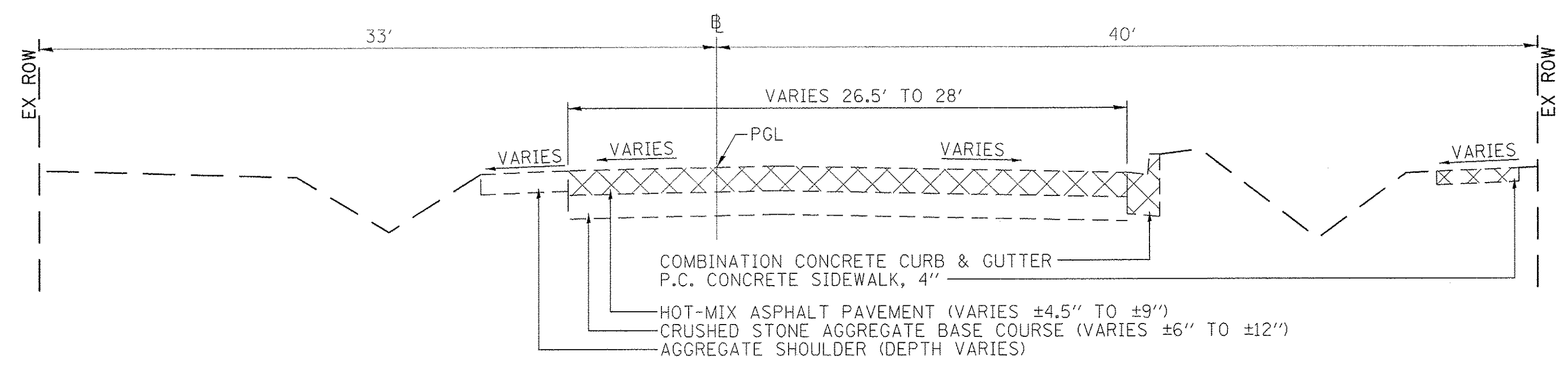
EXISTING TYPICAL CROSS SECTION

EGYPTIAN TRAIL
COURT STREET TO WILSON STREET
STA 582+50.54 TO STA 585+15.10



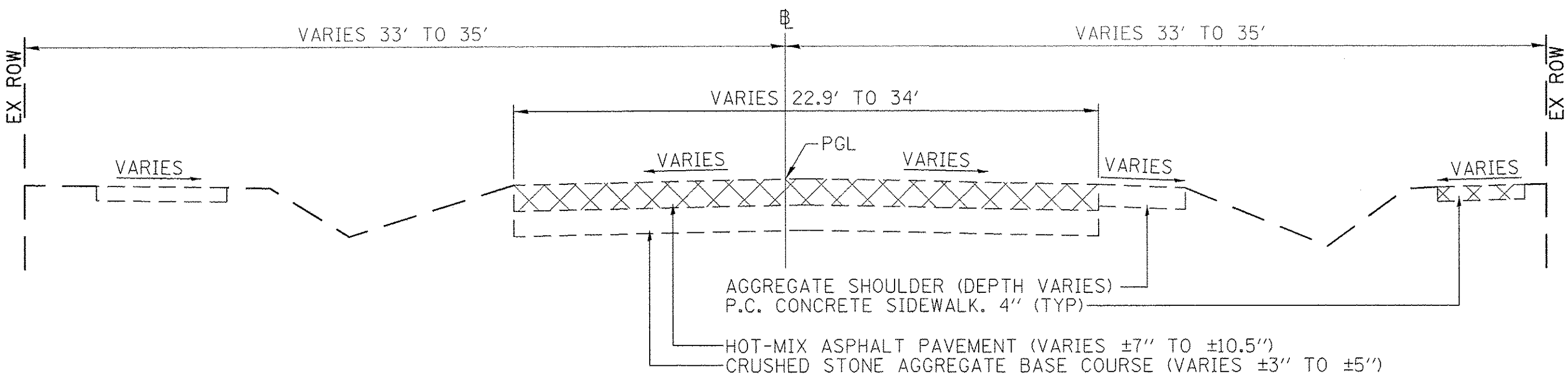
EXISTING TYPICAL CROSS SECTION

EGYPTIAN TRAIL
MARGARET STREET TO DERBY DRIVE
STA 4+20.92 TO STA 8+62.81



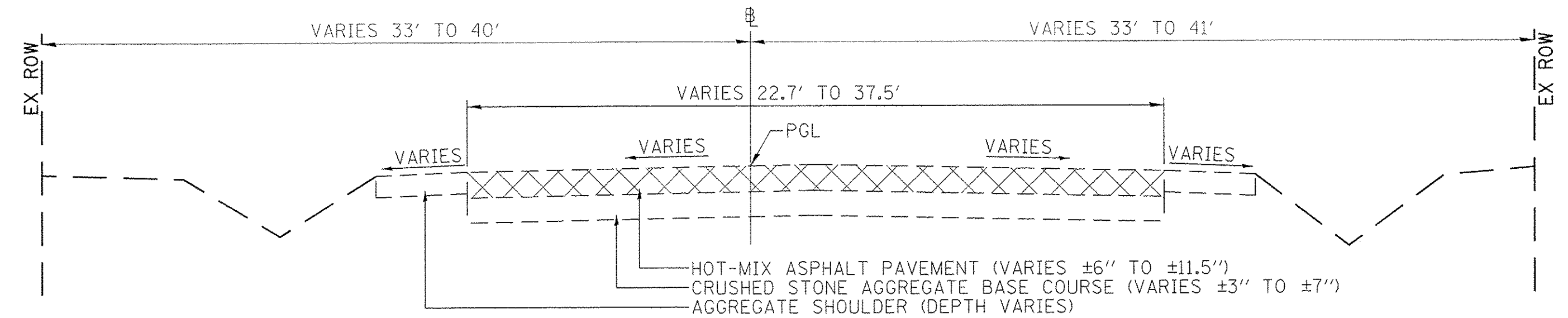
EXISTING TYPICAL CROSS SECTION

EGYPTIAN TRAIL
WILSON STREET TO ROOSEVELT STREET
STA 585+15.10 TO STA 588+00.39



EXISTING TYPICAL CROSS SECTION

COURT STREET EAST AND WEST OF EGYPTIAN TRAIL
STA 377+28.10 TO STA 719+50.00



EXISTING TYPICAL CROSS SECTION

EGYPTIAN TRAIL
ROOSEVELT STREET TO SOUTH OF MONEE-MANHATTAN ROAD (C.H. #6)
STA. 588+00.39 TO STA 596+40.00

⊗ ITEM TO BE REMOVED
(SEE REMOVAL PLAN FOR
ADDITIONAL DETAILS)

- NOTES:**
- EXISTING THICKNESSES SHOWN BASED ON CORING REPORT COMPLETED BY SEECO CONSULTANTS, INC ON 3/22/12
 - PGL=PROFILE GRADE LINE

Farnsworth GROUP
1144 W. JEFFERSON STREET
SHOREWOOD, ILLINOIS 60404
(815) 744-6940 / info@fw.com

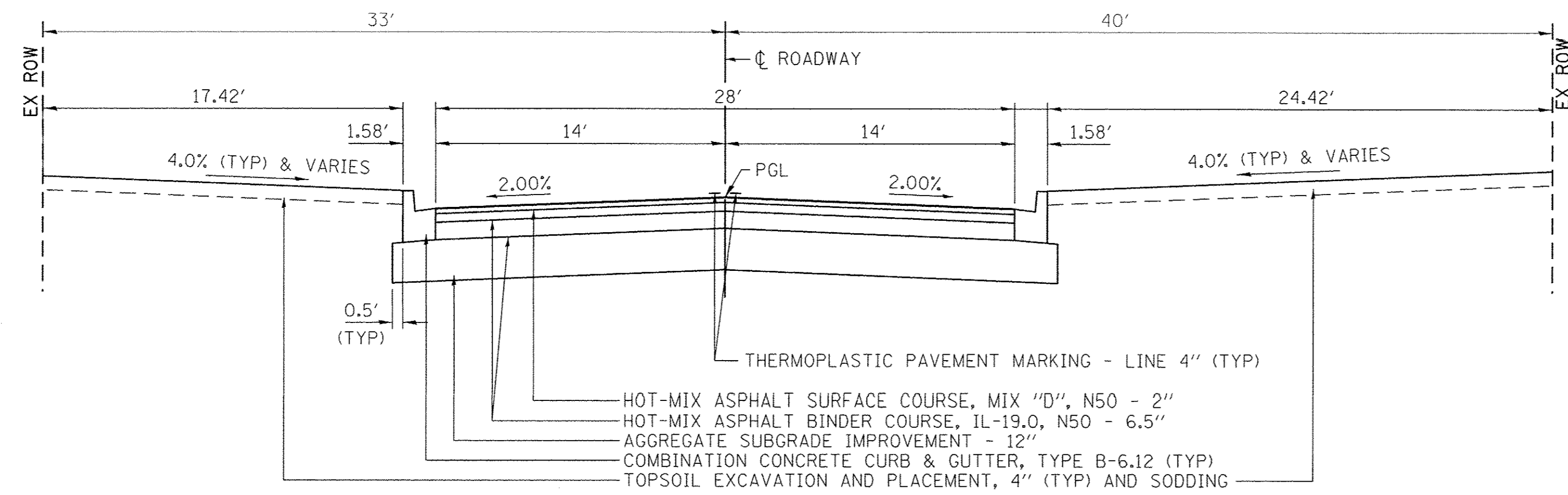
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PLOT DATE = 6/24/2016	CHECKED - PSA	REVISED -
	DATE - 06/24/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING TYPICAL CROSS SECTIONS

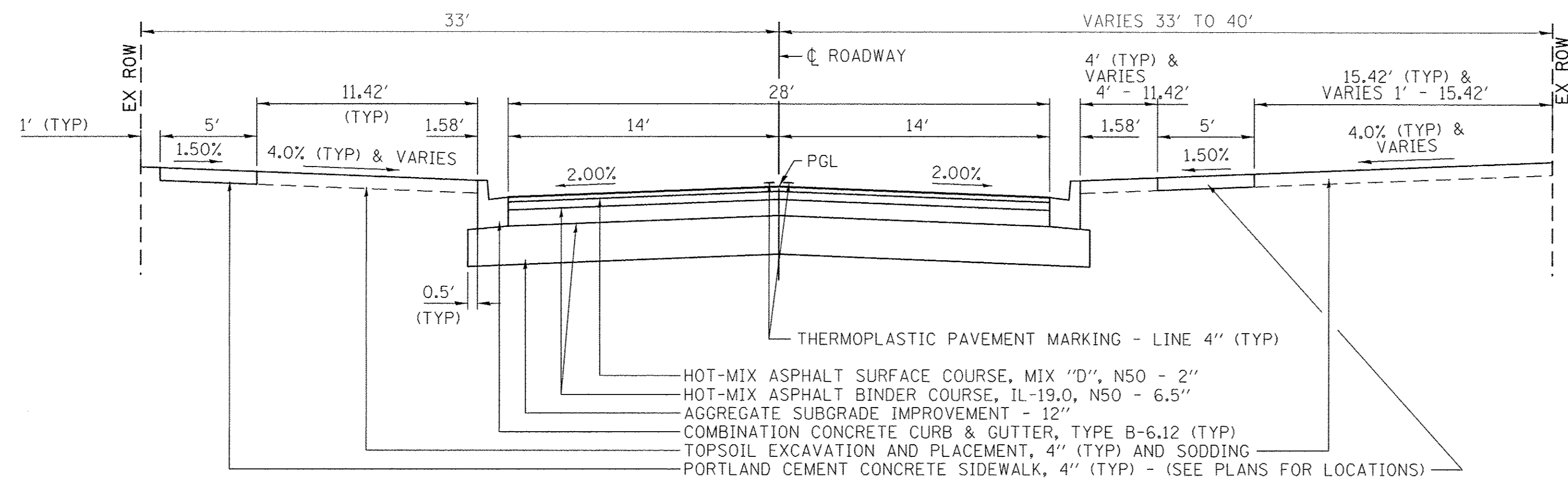
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F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 9
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT M-9003(91)		



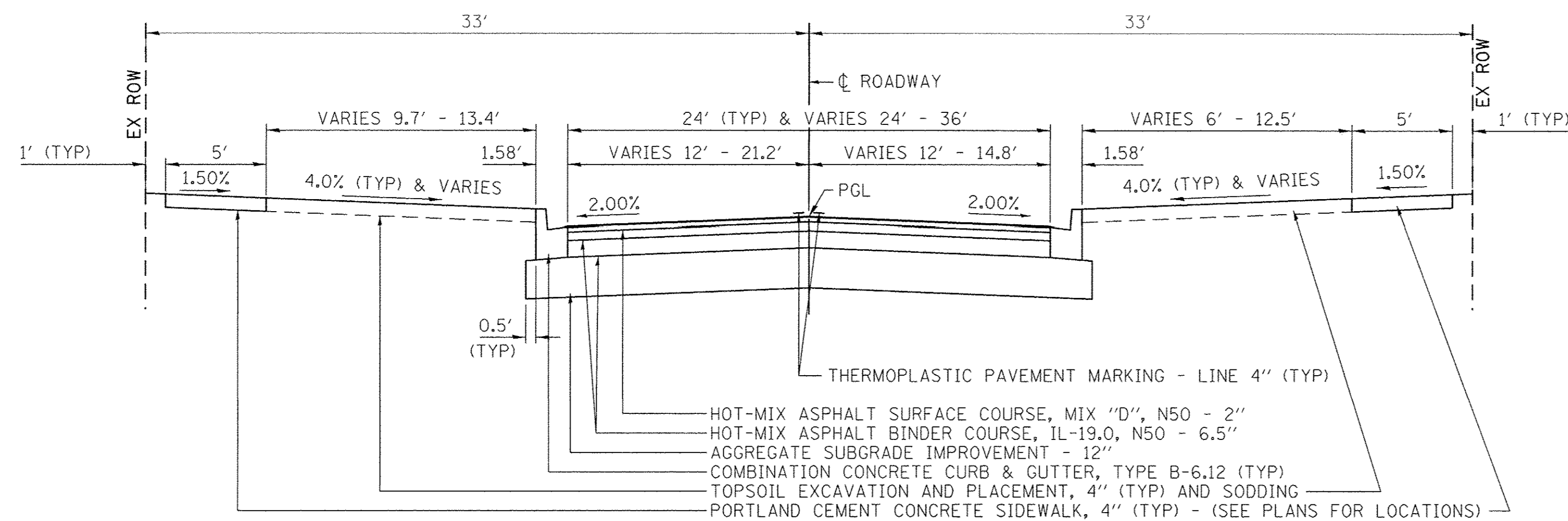
PROPOSED TYPICAL CROSS SECTION

EGYPTIAN TRAIL
STA 1+52.30 TO STA 6+02



PROPOSED TYPICAL CROSS SECTION

EGYPTIAN TRAIL
STA 6+02 TO STA 13+99.85



PROPOSED TYPICAL CROSS SECTION

COURT STREET
STA 718+89.43 TO STA 719+50.00

STRUCTURAL DESIGN DATA:

ADT (2016) 6,375 (2040) 8,020 DHV=802
 STRUCTURAL DESIGN TRAFFIC YEAR: 2028
 PV: 6,922 SU: 216 MU: 72
 CLASS OF STREET: II
 TRAFFIC FACTOR: 0.64 WITH 80,000 LB TRUCKS
 SUBGRADE SUPPORT RATING: FAIR
 PAVEMENT STRUCTURAL MATERIALS: 8.5" HMA ON 12" GRANULAR BASE

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Ndes
PAVEMENT RECONSTRUCTION	
HMA SURFACE COURSE, MIX D, N50 (IL 9.5 mm); 2"	4% @ 50 Gyr.
HMA BINDER COURSE, IL-19.0, N50; 6 1/2"	4% @ 50 Gyr.
HOT-MIX ASPHALT SHOULDERS	
HMA SURFACE COURSE, MIX D, N50 (IL 9.5 mm); 2"	4% @ 50 Gyr.
HMA BINDER COURSE, IL-19.0, N50; 6"	4% @ 50 Gyr.
TEMPORARY PAVEMENT	
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70; 4"	4% @ 70 Gyr.

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.

FOR HMA FULL DEPTH "AC TYPE" SEE SPECIAL PROVISIONS.

FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.



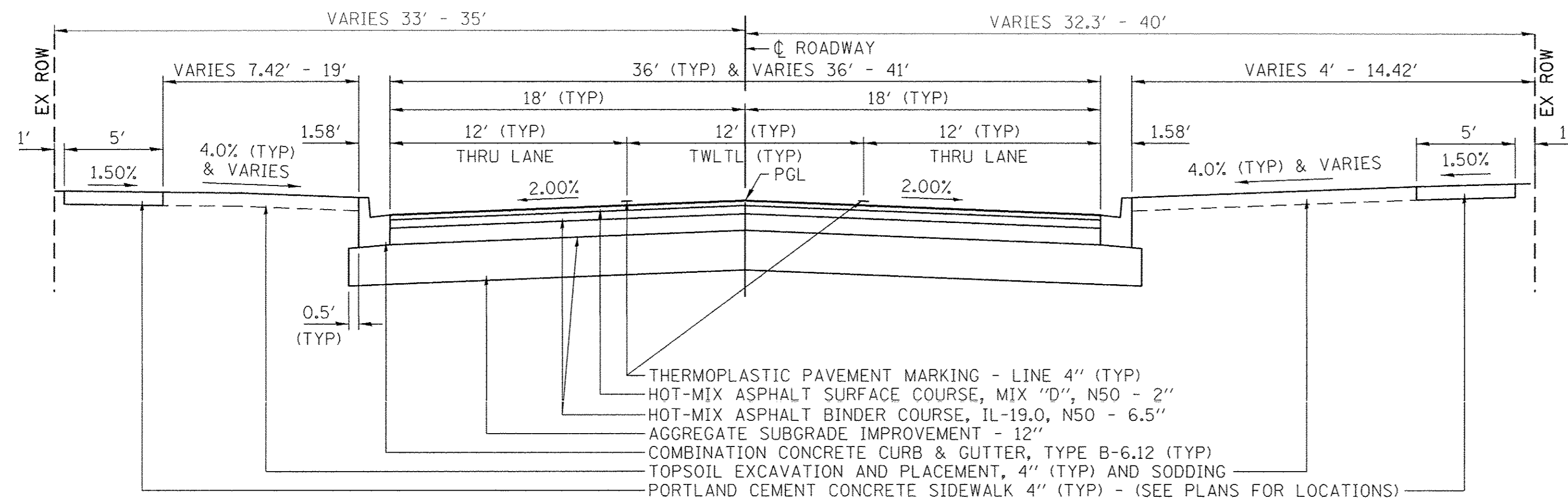
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PLOT SCALE = 5,0000 1/1 in.	DRAWN - DRR	REVISED -
PLOT DATE = 6/27/2016	CHECKED - PSA	REVISED -
	DATE - 06/24/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL CROSS SECTIONS

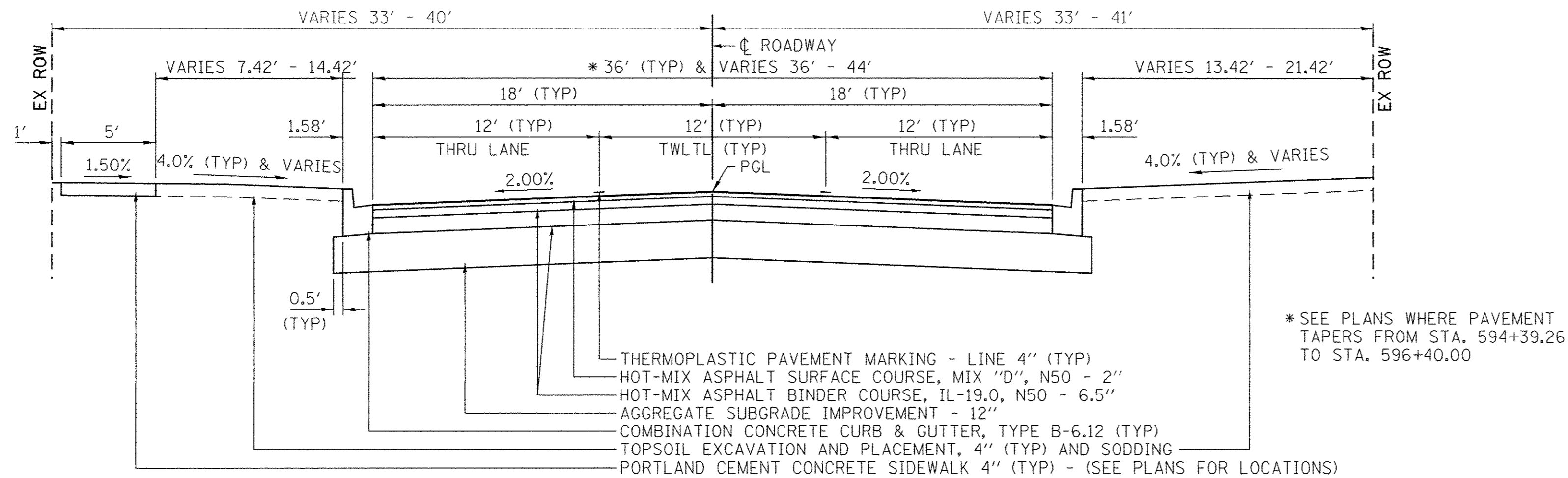
SCALE: N.T.S. SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2966	12-00024-00-FP	WILL	129	10
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	M-9003190



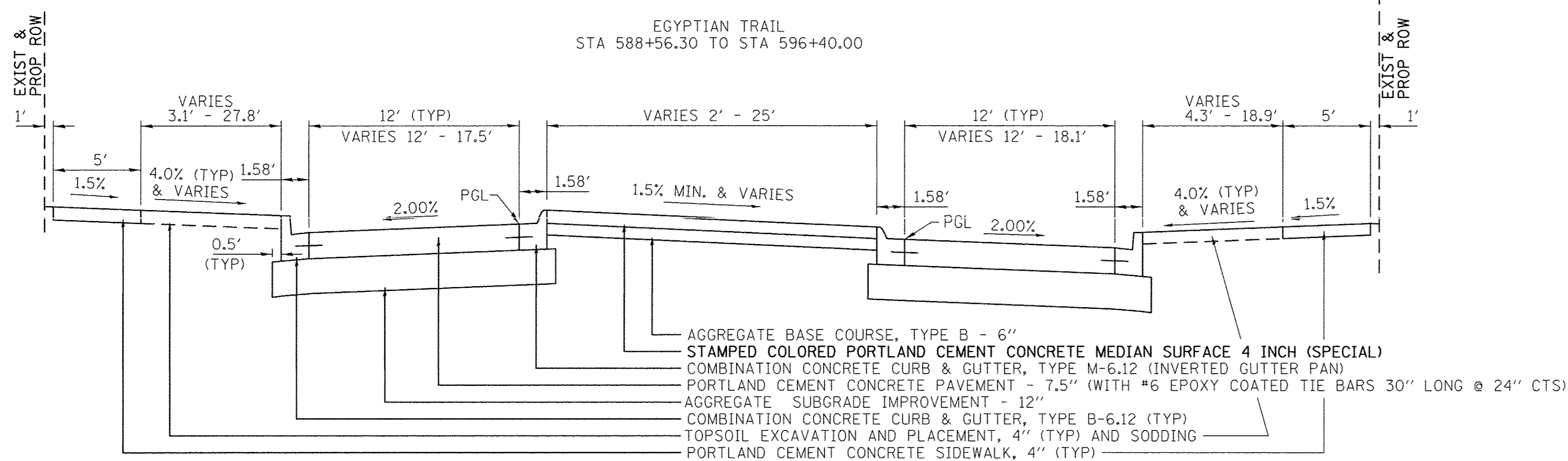
PROPOSED TYPICAL CROSS SECTION

EGYPTIAN TRAIL
 STA 581+37.61 TO STA 588+56.30
 COURT STREET
 STA 377+28.10 TO STA 378+77.39



PROPOSED TYPICAL CROSS SECTION

EGYPTIAN TRAIL
 STA 588+56.30 TO STA 596+40.00



ROUNDAWAY APPROACHES PROPOSED TYPICAL CROSS SECTION

EGYPTIAN TRAIL
 STA 113+99.85 TO STA 114+57.81 AND
 STA 580+46.38 TO STA 581+37.61
 COURT STREET
 STA 378+77.39 TO STA 379+61.69 AND
 STA 718+47.43 TO STA 718+89.43

STRUCTURAL DESIGN DATA:
 ADT (2016) 6,375 (2040) 8,020 DHV=802
 STRUCTURAL DESIGN TRAFFIC YEAR: 2028
 PV: 6,922 SU: 216 MU: 72
 CLASS OF STREET: II
 TRAFFIC FACTOR: 0.64 WITH 80,000 LB TRUCKS
 SUBGRADE SUPPORT RATING: FAIR
 PAVEMENT STRUCTURAL MATERIALS: 8.5" HMA ON 12" GRANULAR BASE

STRUCTURAL DESIGN DATA:
 ADT (2016) 6,375 (2040) 8,020 DHV=802
 STRUCTURAL DESIGN TRAFFIC YEAR: 2028
 PV: 6,922 SU: 216 MU: 72
 CLASS OF STREET: II
 TRAFFIC FACTOR: 0.85 WITH 80,000 LB TRUCKS
 SUBGRADE SUPPORT RATING: FAIR
 PAVEMENT STRUCTURAL MATERIALS: 7.5" PCC ON 12" GRANULAR BASE

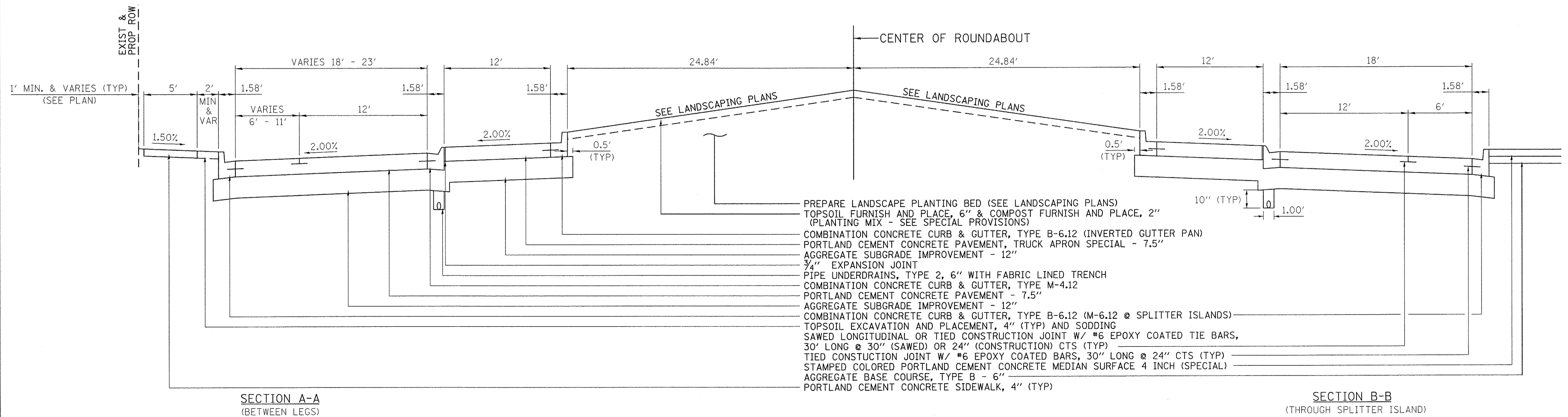
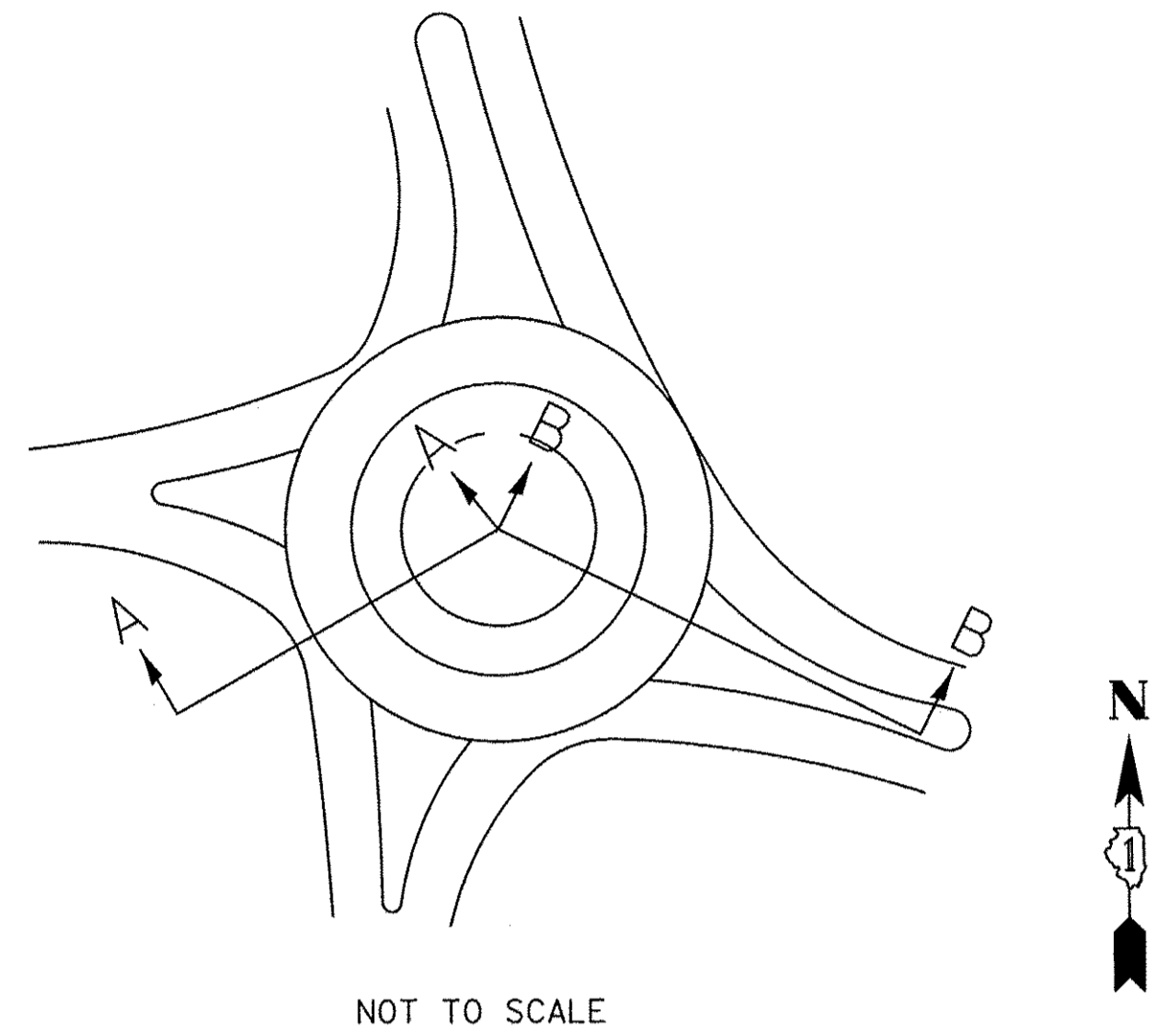
HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Ndes
PAVEMENT RECONSTRUCTION	
HMA SURFACE COURSE, MIX D, N50 (IL 9.5 mm); 2"	4% @ 50 Gyr.
HMA BINDER COURSE, IL-19.0, N50; 6 1/2"	4% @ 50 Gyr.
HOT-MIX ASPHALT SHOULDERS	
HMA SURFACE COURSE, MIX D, N50 (IL 9.5 mm); 2"	4% @ 50 Gyr.
HMA BINDER COURSE, IL-19.0, N50; 6"	4% @ 50 Gyr.
TEMPORARY PAVEMENT	
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70; 4"	4% @ 70 Gyr.

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.

FOR HMA FULL DEPTH "AC TYPE" SEE SPECIAL PROVISIONS.

FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.



**ROUNDABOUT
PROPOSED TYPICAL SECTION**

- NOTES:**
1. MAXIMUM TRANSVERSE PCC PAVEMENT JOINT SPACING SHALL BE 12.5 FEET.
 2. SEE IDOT STANDARD DETAILS FOR TIE BAR AND DOWEL BAR DETAILS AND REQUIREMENTS. TIE BAR AND DOWEL BAR COSTS ARE INCLUDED IN THE COST OF PCC PAVEMENT.
 3. TIE BARS AND DOWEL BARS SHALL BE EPOXY COATED.

STRUCTURAL DESIGN DATA:

ADT (2016) 6,375 (2040) 8,020	DHV=802
STRUCTURAL DESIGN TRAFFIC YEAR: 2028	
PV: 6,922	SU: 216 MU: 72
CLASS OF STREET: II	
TRAFFIC FACTOR: 0.85 WITH 80,000 LB TRUCKS	
SUBGRADE SUPPORT RATING: FAIR	
PAVEMENT STRUCTURAL MATERIALS: 7.5" PCC ON 12" GRANULAR BASE	

Farnsworth GROUP
1144 W. JEFFERSON STREET
SHOREWOOD, ILLINOIS 60404
(815) 744-6940 / info@f-w.com

USER NAME = dmeyer	DESIGNED - YOS	REVISED -
	DRAWN - DRR	REVISED -
PLOT SCALE = 5.0000' / 1in.	CHECKED - PSA	REVISED -
PLOT DATE = 6/24/2016	DATE - 06/24/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED TYPICAL CROSS SECTION

SCALE: N.T.S.	SHEET 4 OF 4 SHEETS	STA. TO STA.
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F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 12
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO. [ILLINOIS]		FED. AID PROJECT M-9003(916)		

INDEX OF SCHEDULES

SCHEDULE NO.	SCHEDULE	SCHEDULE SHEET NO.
1	FIELD OFFICE & LUMP SUM ITEMS	1
2	SIDEWALK & DRIVEWAY	2
3	PAVEMENT AND BASE	3
4	EARTHWORK	4
5	SODDING, TEMPORARY SEEDING AND TREE MULCH	4
6	ROADWAY APPURTENANCES	5
7	EROSION CONTROL	5
8	REMOVAL ITEMS	6
9	PLANT MATERIAL	6
10	CONDUIT AND ELECTRIC CABLE	7
11	ELECTRICAL ITEMS	8
12	SCHEDULE OF TEMPORARY PAVEMENT, BASE, MARKINGS AND SIGNAGE	8
13	PAVEMENT MARKINGS	9
14	PAVEMENT GROOVING	10
15	SIGNAGE	11-13
16	REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES	13

1. SCHEDULE OF FIELD OFFICE & LUMP SUM ITEMS

67000400	67100100	X7010216	70106800	Z0013798
ENGINEER'S FIELD OFFICE, TYPE A	MOBILIZATION	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	CHANGEABLE MESSAGE SIGN	CONSTRUCTION LAYOUT
CAL MO	LSUM	LSUM	CAL MO	LSUM
16	1	1	16	1

2. SCHEDULE OF SIDEWALK & DRIVEWAY

FROM	TO	OFFSET	35101400 AGGREGATE BASE COURSE, TYPE B	42400100 PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	42300200 PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	42300400 PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	42400300 PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	42400410 PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	42400800 DETECTABLE WARNINGS	X1700006 STAMPED COLORED PORTLAND CEMENT CONCRETE MEDIAN SURFACE 4 INCH (SPECIAL)
STA	STA	LT/RT	TON	SQ FT	SQ YD	SQ YD	SQ FT	SQ FT	SQ FT	SQ FT
2+11	2+28	LT			33					
2+84	3+16	RT			67					
3+32	3+90	RT		76	124					
4+45	4+83	LT				54				
4+59	6+19	RT				240				
6+01	6+50	RT		250				10		
6+50	10+00	RT		1,489	40		89	10		
6+54	6+91	LT			61					
10+00	12+50	RT		1,401	24		80	20		
8+48	12+50	LT		2,646	47		140	20		
12+50	379+00	RT		1,447				20		
379+07	583+00	RT		729	63		75	20		
719+25	583+00	LT		1,568	119		335	20		
12+50	719+50	LT		1,438	58		148	20		
114+00	114+57	MEDIAN	18	90				40		376
378+77	379+65	MEDIAN	33	160				24		716
580+47	581+38	MEDIAN	40	143				40		901
718+48	718+89	MEDIAN	13	75				40		262
114+76	580+28		108							2,834
583+00	584+00	LT		551				10		
584+00	588+00	LT		1,853	56		280	30		
588+00	589+00	LT		600				20		
583+00	585+00	RT		978				10		
585+00	588+00	RT		1,676				30		
588+29	588+56	RT		181				20		
589+00	591+50	LT		1,173	15		60	10		
591+50	594+64	LT		1,433				20		
595+00	597+00	LT		795				30		
596+74		LT				61		183		
377+00	379+00	LT		690	41		170			
377+00	379+07	RT		832	23		100			
TOTAL			212	22,274	771	355	1,477	183	464	5,089



USER NAME = dmeyer	DESIGNED - YOS	REVISED -
	DRAWN - DRR	REVISED -
PLOT SCALE = 1.0000' / 1"	CHECKED - PSA	REVISED -
PLOT DATE = 6/24/2016	DATE - 06/17/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: N.T.S. SHEET 2 OF 13 SHEETS STA. 01+52.30 TO STA. 596+40.00

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 14
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT M-9003(91)		

3. SCHEDULE OF PAVEMENT AND BASE

FROM	TO	OFFSET	PAVEMENT LENGTH	GENERAL PAVEMENT WIDTH	MEASURED AREA	21001000 GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	30300001 AGGREGATE SUBGRADE IMPROVEMENT	40700100 BITUMINOUS MATERIALS (TACK COAT)	40603080 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	40603335 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	42000210 PORTLAND CEMENT CONCRETE PAVEMENT 7 1/2"	PORTLAND CEMENT CONCRETE PAVEMENT, TRUCK APRON SPECIAL - 7.5"	PORTLAND CEMENT CONCRETE PAVEMENT, CROSSWALK SPECIAL - 7.5"	42001300 PROTECTIVE COAT	48203029 HOT-MIX ASPHALT SHOULDERS, 8"
STA	STA	LT/RT	FT	FT	SQ FT	SQ YD	CU YD	POUND	TON	TON	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD
1+52	2+30	END	78	VARIES	3,945	44	170	1,184	160	49					17
2+30	6+50	THRU	420	28	11,763	131	500	3,529	476	146					
6+50	12+50	THRU	600	28	16,800	187	702	5,040	679	209					
8+01	8+66	LT	65	VARIES	816	9	36	245	33	10					
9+37	10+36	RT	98	VARIES	3,422	38	138	1,026	138	43					
12+50	13+46	THRU	96	28	2,692	30	115	808	109	33					
13+46	114+00	THRU	54	VARIES	1,524	17	65	457	62	19					
718+89	719+50	THRU	61	VARIES	1,599	18	69	480	65	20					
377+28	378+77	THRU	149	VARIES	5,452	61	225	1,636	221	68					
581+38	583+00	THRU	162	VARIES	6,207	69	255	1,862	251	77					
114+00	581+38	THRU	VARIES	VARIES	14,838	165	760				1,649	272	152	1,649	
583+00	589+00	THRU	600	36	21,600	240	868	6,480	874	269					
583+64	584+42	LT	78	VARIES	1,432	16	62	430	58	18					
584+63	585+48	RT	85	VARIES	1,979	22	82	594	80	25					
587+62	588+38	LT	76	VARIES	1,595	18	68	479	65	20					
587+78	588+60	RT	82	VARIES	939	10	40	282	38	12					
589+00	594+39	THRU	539	36	19,414	216	796	5,824	785	242					
591+26	592+02	LT	76	VARIES	908	10	40	272	37	11					
594+39	596+40	THRU	201	VARIES	7,950	88	319	2,385	322	99					
594+41	595+25	THRU	84	VARIES	1,482	16	62	445	60	18					
TOTAL					126,359	1,405	5,372	33,458	4,513	1,388	1,649	272	152	1,649	17



USER NAME = dmeyer	DESIGNED - YOS	REVISED -
PLOT SCALE = 1:8000' / 1"	DRAWN - DRR	REVISED -
PLOT DATE = 6/24/2016	CHECKED - PSA	REVISED -
	DATE - 06/17/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: N.T.S. SHEET 3 OF 13 SHEETS STA. 01+52.30 TO STA. 596+40.00

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 15
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT M-9003(990)		

4. SCHEDULE OF EARTHWORK

1		2		3	4	5	6	7	8	9
FROM	TO	20200100		ESTIMATED CUT MATERIAL FOR EMBANKMENT	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%)	EMBANKMENT	EARTH EXCAVATION WASTE (+) OR SHORTAGE (-)	ESTIMATED TOPSOIL EXCAVATION	21101505	
STA	STA	EARTH EXCAVATION							TOPSOIL EXCAVATION AND PLACEMENT	ESTIMATED TOPSOIL WASTE (+) OR SHORTAGE (-)
CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	
1+52.30	596+40.00	9,856	6,885	5,852	676	5,176	2,971	834	2,137	
TOTAL		9,856	6,885	5,852	676	5,176	2,971	834	2,137	

EARTHWORK TABLE SHOWN FOR INFORMATION ONLY

- COLUMN 1: LOCATION FROM PLANS
- COLUMN 2: CUT QUANTITIES (END AREA) FROM CROSS SECTIONS (INCLUDES TOPSOIL STRIPPING)
- COLUMN 3: =2-7, ESTIMATED EARTH EXCAVATION THAT CAN BE USED AS FILL MATERIAL IN EMBANKMENT.
- COLUMN 4: =85% \times 3, EARTH EXCAVATION ADJUSTED 15% FOR SHRINKAGE
- COLUMN 5: FILL QUANTITIES FROM CROSS SECTIONS
- COLUMN 6: =4-5, ESTIMATED MATERIAL TO WASTE
- COLUMN 7: ESTIMATED TOPSOIL TO BE EXCAVATED
- COLUMN 8: ESTIMATED TOPSOIL TO BE PLACED
- COLUMN 9: =7-8, ESTIMATED TOPSOIL TO BE WASTED

5. SCHEDULE OF SODDING AND TEMPORARY SEEDING

FROM	TO	25000400	25000500	25000600	25200100	25200200	28000250	K0036118
STA	STA	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	SODDING	SUPPLEMENTAL WATERING	TEMPORARY EROSION CONTROL SEEDING	MULCH PLACEMENT 3"
POUND	POUND	POUND	POUND	POUND	SQ YD	UNIT	POUND	SQ YD
1+52.30 LT	6+50.00 LT	10	10	10	804	72	17	10
1+52.30 RT	6+50.00 RT	8	8	8	671	60	14	14
6+50.00 LT	12+50.00 LT	10	10	10	820	74	17	14
6+50.00 RT	12+50.00 RT	10	10	10	827	74	17	22
12+50.00 LT	583+00.00 LT	8	8	8	615	55	13	
12+50.00 RT	583+00.00 RT	6	6	6	487	44	10	2
377+28.10 LT	719+50.00 LT	5	5	5	440	40	9	
377+28.10 RT	719+50.00 RT	6	6	6	506	46	10	8
583+00.00 LT	589+00.00 LT	6	6	6	524	47	11	2
583+00.00 RT	589+00.00 RT	12	12	12	962	87	20	
589+00.00 LT	595+00.00 LT	6	6	6	475	43	10	2
589+00.00 RT	595+00.00 RT	14	14	14	1,131	102	23	
595+00.00 LT	596+97.00 LT	3	3	3	216	19	4	
595+00.00 RT	596+40.00 RT	3	3	3	264	24	5	
TOTAL		107	107	107	8,742	787	181	74

NOTE: ALL DISTURBED AREAS EXCLUDING THE CENTER OF THE ROUNDABOUT SHALL RECEIVE 4" OF EXCAVATED TOPSOIL AND BE SODDED.



USER NAME = dneyer	DESIGNED - YOS	REVISED -
	DRAWN - DRR	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: N.T.S. SHEET 4 OF 13 SHEETS STA. 01+52.30 TO STA. 596+40.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2966	12-00024-00-FP	WILL	129	16
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		M-9003(910)

6. SCHEDULE OF ROADWAY APPURTENANCES

FROM STA	TO STA	OFFSET	60255500 MANHOLES TO BE ADJUSTED	60266600 VALVE BOXES TO BE ADJUSTED	60603800 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	60608562 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12	60609200 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.12	XX006529 CONCRETE CURB AND GUTTER END OUTLET SPECIAL	60108206 PIPE UNDERDRAINS, TYPE 2, 6"	60100085 GEOTECHNICAL FABRIC FOR FRENCH DRAINS
STA	STA	LT/RT	EACH	EACH	FOOT	FOOT	FOOT	EACH	FOOT	SQ YD
01+52.30	06+50.00	LT		1	549			1		
01+52.30	06+50.00	RT	4	3	483			1		
01+52.30	06+50.00	ISLAND			114					
06+50.00	12+50.00	LT		1	606					
06+50.00	12+50.00	RT		1	644			2		
12+50.00	583+00.00	LT	1	3	707					
12+50.00	583+00.00	RT	2	3	1,004					
12+50.00	583+00.00	TRUCK APRON			160	245			250	102
12+50.00	583+00.00	SPTR ISLAND S					126			
12+50.00	583+00.00	SPTR ISLAND E		2			193			
12+50.00	583+00.00	SPTR ISLAND N					201			
12+50.00	583+00.00	SPTR ISLAND W					95			
583+00.00	589+00.00	LT	4	2	672					
583+00.00	589+00.00	RT	1		615					
589+00.00	595+00.00	LT	2	3	588					
589+00.00	595+00.00	RT			600					
595+00.00	600+00.00	LT			291					
595+00.00	600+00.00	RT			140					
TOTAL			14	19	7,173	245	615	4	250	102

7. SCHEDULE OF EROSION CONTROL

FROM STA	TO STA	OFFSET	28000305 TEMPORARY DITCH CHECKS	28000400 PERIMETER EROSION BARRIER	28000500 INLET AND PIPE PROTECTION	28000510 INLET FILTERS	Z0013797 STABILIZED CONSTRUCTION ENTRANCE
STA	STA	LT/RT	FOOT	FOOT	EACH	EACH	SQ YD
EGYPTIAN TRAIL							
01+52.30	12+00.00	LT	10	129	26	26	
01+52.30	12+00.00	RT			15	15	117
12+00.00	589+00.00	LT	20	79	30	30	
12+00.00	589+00.00	RT			28	28	
589+00.00	596+40.00	LT			15	15	
589+00.00	596+40.00	RT		800	16	16	117
TOTAL			30	1,008	130	130	234



USER NAME = dmeyer	DESIGNED - YOS	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: N.T.S. SHEET 5 OF 13 SHEETS STA. 01+52.30 TO STA. 596+40.00

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 17
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-9003(989)				

8. SCHEDULE OF REMOVAL ITEMS

FROM	TO	OFFSET	20100110 TREE REMOVAL (6 TO 15 UNITS DIAMETER)	20100210 TREE REMOVAL (OVER 15 UNITS DIAMETER)	20101100 TREE TRUNK PROTECTION	44000100 PAVEMENT REMOVAL	44000200 DRIVEWAY PAVEMENT REMOVAL	44000500 COMBINATION CURB AND GUTTER REMOVAL	44000600 SIDEWALK REMOVAL	50105220 PIPE CULVERT REMOVAL	55100200 STORM SEWER REMOVAL 6"	55100300 STORM SEWER REMOVAL 8"	55100400 STORM SEWER REMOVAL 10"	55100500 STORM SEWER REMOVAL 12"	55100900 STORM SEWER REMOVAL 18"	60500040 REMOVING MANHOLES	60500060 REMOVING INLETS
STA	STA	LT/RT	UNIT	UNIT	EACH	SQ YD	SQ YD	FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH
1+52	6+50	LT			5		86	187		49							
1+52	6+50	RT		24	7	1,685	499	218	83	58	30			347		1	1
6+50	12+50	LT	12	78	6	2,017	55	216	35								
6+50	12+50	RT	15		11		59		206								
12+50	583+00	LT	69	24		3,273	251		1,128	40	70	47	36	272	40		3
12+50	583+00	RT	26	102	5		161		636	13	55			8		1	2
583+00	589+00	LT		18	1	2,330	163		1,625	63				653			4
583+00	589+00	RT					89	347	1,403	171							
589+00	595+00	LT	20			1,987		78						72	529	1	2
589+00	595+00	RT															
595+00	600+00	LT				677	84	151						293		1	
595+00	600+00	RT						33									
TOTAL			142	246	35	11,969	1,447	1,230	5,116	394	155	47	36	1,645	569	4	12

9. SCHEDULE OF PLANT MATERIAL

LOCATION	21101625 TOPSOIL FURNISH AND PLACE, 6"	21101805 COMPOST FURNISH AND PLACE, 2"	X0321501 WEED BARRIER FABRIC	K1001969 GRAVEL MULCH	K0012990 PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	D2C01030 EVERGREEN, JUNIPERUS HORIZONTALIS ANDORRA (ANDORRA CREEPING JUNIPER), 24" WIDTH, CONTAINER	X0323045 STONE OUTCROPPING	K1001985 IRRIGATION SLEEVES	K1001988 IRRIGATION SYSTEM SPECIAL	59300100 CONTROLLED LOW-STRENGTH MATERIAL
	SQ YD	SQ YD	SQ YD	TON	UNIT	EACH	SQ FT	FOOT	LSUM	CU YD
ROUNDAABOUT LANDSCAPING	225	225	225	26	3	40	225	138	1	15

10. SCHEDULE OF CONDUIT AND ELECTRIC CABLE

FROM	TO	81028400 UNDERGROUND CONDUIT, PVC, 5" DIA.	81028750 UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	81028770 UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 3" DIA.	81702120 ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	81702150 ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2
ITEM TAG	ITEM TAG	FOOT	FOOT	FOOT	FOOT	FOOT
PWR POLE	TRANSFORMER			150		
TRANSFORMER	CONTROLLER		3			9
CONTROLLER	HH1	4	21			
HH1	P1		35		123	
HH1	HH2		90		576	
HH2	HH23		70		228	
HH2	P2		15		63	
HH2	HH3		100		318	
HH3	P3		15		63	
HH3	HH4		115		363	
HH4	P4		15		63	
HH1	HH9		55		330	
HH9	HH8		105		333	
HH8	P8		15		63	
HH8	HH7		65		195	
HH7	P7		15		63	
HH8	HH6		90			
HH6	P6		15		63	
HH6	HH5		80			
HH5	P5		15		63	
HH5	HH16		325			
HH16	HH17		55			
HH16	STUB		25			
HH16	HH18		415			
HH18	HH19		60			
HH18	STUB		25			
HH18	HH20		365			
HH20	STUB		25			
HH20	HH21		325			
HH21	STUB		25			
HH21	HH22		170			
HH9	HH10		337		1,029	
HH10	HH11		45			
HH11	STUB		15			
HH10	HH12		165		513	
HH12	STUB		30			
HH12	HH13		375		1,143	
HH13	HH14		265		813	
HH14	HH15		45		153	
HH15	P9		10		48	
TOTAL		4	4,036	150	6,606	9



USER NAME = dmeyer	DESIGNED - YOS	REVISED -
	DRAWN - DRR	REVISED -
PLOT SCALE = 1.0000' / in.	CHECKED - PSA	REVISED -
PLOT DATE = 6/24/2016	DATE - 06/17/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: N.T.S. SHEET 7 OF 13 SHEETS STA. 01+52.30 TO STA. 596+40.00

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 19
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT M-9003(989)		

11. SCHEDULE OF ELECTRICAL ITEMS

LOCATION			ITEM TAG	81400730 HANDHOLE, COMPOSITE CONCRETE	81400740 DOUBLE HANDHOLE, COMPOSITE CONCRETE	82500350 LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP	83600300 LIGHT POLE FOUNDATION, 30" DIAMETER	X8040102 ELECTRIC SERVICE INSTALLATION, SPECIAL	XX003614 RECEPTACLE (GFI TYPE) WITH WEATHERPROOF COVER	XX007039 STREET LIGHTING ASSEMBLY COMPLETE TYPE F1
STA	TO STA	OFFSET		EACH	EACH	EACH	FOOT	EACH	EACH	EACH
1+52	6+50	LT	HH13, HH14	2						
1+52	6+50	RT	HH15, P9	1			7			1
6+50	12+50	LT	HH12, HH10	2						
6+50	12+50	RT	HH 11	1						
12+50	583+00	LT	HH5, HH6, HH7, HH8, HH9 P5, P6, P7, P8	5			28			4
12+50	583+00	RT	HH1, HH2, HH3, HH4, HH23 P1, P2, P3, P4	4	1	1	28	1		4
380+14		4' LT							1	
TOTAL				15	1	1	63	1	1	9

12. SCHEDULE OF TEMPORARY PAVEMENT, BASE, MARKINGS AND SIGNAGE

FROM	TO	OFFSET	48101200 AGGREGATE SHOULDERS, TYPE B	Z0062456 TEMPORARY PAVEMENT	44000100 PAVEMENT REMOVAL	40600990 TEMPORARY RAMP	70300100 SHORT TERM PAVEMENT MARKING	70300150 SHORT TERM PAVEMENT MARKING REMOVAL	70300210 TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	70300220 TEMPORARY PAVEMENT MARKING - LINE 4"	70300260 TEMPORARY PAVEMENT MARKING - LINE 12"	70300280 TEMPORARY PAVEMENT MARKING - LINE 24"	X7030025 WET REFLECTIVE TEMPORARY TAPE, TYPE III - LETTERS AND SYMBOLS	X7030030 WET REFLECTIVE TEMPORARY TAPE, TYPE III 4 INCH	X7030050 WET REFLECTIVE TEMPORARY TAPE, TYPE III 12 INCH	X7030055 WET REFLECTIVE TEMPORARY TAPE, TYPE III 24 INCH	X0327980 PAVEMENT MARKING REMOVAL - WATER BLASTING	X4021000 TEMPORARY ACCESS (PRIVATE ENTRANCE)	Z0030850 TEMPORARY INFORMATION SIGNING
STA	STA	LT/RT	TON	SO YD	SO YD	SO YD	FOOT	SO FT	SO FT	FOOT	FOOT	FOOT	SO FT	FOOT	FOOT	FOOT	SO FT	EACH	SO FT
587+00	593+00	LT	45	606	606														
593+00	596+40	LT	10	97	97														
2+11	2+28	LT																1	
3+32	3+90	RT																1	
6+50	10+10	LT																1	
8+48	12+50	RT																1	
378+50	378+80	LT																1	
378+50	379+30	RT																1	
12+50	13+20	LT																1	
718+75	719+10	RT																1	
719+00	719+50	LT																1	
581+00	583+90	LT																2	
582+10	582+40	RT																1	
584+10	585+80	LT																2	
586+40	586+90	LT																1	
585+60	593+00	STAGE 1A								1,249				4,996					50
593+00	596+40	STAGE 1A								733				2,932					
586+02	593+00	STAGE 1B				26		343		628				2,512					
593+00	599+20	STAGE 1B				10		320		463				1,852					
1+00	5+50	STAGE 2							16	700		20	64	2,800		80	1,024		
586+00	593+00	STAGE 2				28		837		2,246	84			8,984	336				
593+00	596+40	STAGE 2				19		617		1,112	56			4,448	224				
5+50	11+00	STAGE 3				25				780		55		3,120		220			
11+00	12+75	STAGE 3								350				1,400					
587+10	587+75	STAGE 3						325											
12+75	586+00	STAGE 4				10				1,735	56			6,940	224				
586+00	587+10	STAGE 4					1,600	533		676	36			2,704	144				
TOTAL			55	703	703	118	1,600	2,975	16	10,672	232	75	64	42,688	928	300	1,024	15	50



USER NAME = droiser
 PLOT SCALE = 2.0000' / in.
 PLOT DATE = 9/8/2016

DESIGNED - YOS
 DRAWN - DRR
 CHECKED - PSA
 DATE - 06/17/16

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: N.T.S. SHEET 8 OF 13 SHEETS STA. 01+52.30 TO STA. 596+40.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2966	12-00024-00-FP	WILL	129	20
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT M-90031989		

13. SCHEDULE OF PAVEMENT MARKINGS

FROM	TO	OFFSET	78000100 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"	78000400 THERMOPLASTIC PAVEMENT MARKING - LINE 6"	78000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12"	78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"	78009006 MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	78009018 MODIFIED URETHANE PAVEMENT MARKING - LINE 18"	78100100 RAISED REFLECTIVE PAVEMENT MARKER	78100100 RAISED REFLECTIVE PAVEMENT MARKER	78200020 CURB REFLECTORS
STA	STA	LT/RT	SO FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH (calc.)	EACH	EACH
1+52	2+30	CENTER	16	63			20				2	18
2+30	6+50	CENTER		840							5	
6+50	8+01			302							2	
8+01	8+66	DERBY DR.					13					
8+66	9+40			147							2	
9+40	10+26	MAIN ST		166	145		42					
10+26	12+50			448							3	
12+50	13+46			192							2	
09+39.60	583+00.00	SPTR ISLAND S										18
09+39.60	583+00.00	SPTR ISLAND E										25
09+39.60	583+00.00	SPTR ISLAND N										25
09+39.60	583+00.00	SPTR ISLAND W										16
13+46	115+00			107								
114+31		CROSSWALKS/ YIELD						63	16			
718+89	719+50	W COURT		170							4	
718+70		CROSSWALKS/ YIELD						62	18			
377+28	378+50	COURT	47	305						6.1	8	
378+50	378+78		16	69						1.4	2	
379+43		CROSSWALKS/ YIELD						66	22			
580+74		CROSSWALKS/ YIELD						65	16			
581+38	583+00		31	409						8.1	12	
583+00	587+75		62	1,188	81					23.8	24	
588+60	589+00		31	99						2.0	4	
584+00		WILSON LEFT			69		14					
585+00		WILSON RIGHT			68		15					
588+00		ROOSEVELT ST			204		29					
589+00	591+26.3		31	566						11.3	10	
591+64		VON AVE			68		14					
592+02	594+42		62	600						12.0	14	
594+83	588+60.2	SUTTON PLACE			72		17					
595+21	597+57		73	780	257	40	14					
TOTAL			369	6,451	964	40	178	256	72	64.7	94	102



USER NAME = dmejer	DESIGNED - YOS	REVISED -
	DRAWN - DRR	REVISED -
PLOT SCALE = 1/8" = 1' / in.	CHECKED - PSA	REVISED -
PLOT DATE = 6/24/2016	DATE - 06/17/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: N.T.S. SHEET 9 OF 13 SHEETS STA. 01+52.30 TO STA. 596+40.00

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 21
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT M-9003(989)				

14. SCHEDULE OF PAVEMENT GROOVING

FROM	TO	OFFSET	X7830068 GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS AND SYMBOLS	X7830070 GROOVING FOR RECESSED PAVEMENT MARKING 5"	X7830074 GROOVING FOR RECESSED PAVEMENT MARKING 7"	X7830078 GROOVING FOR RECESSED PAVEMENT MARKING 13"	X7830084 GROOVING FOR RECESSED PAVEMENT MARKING 19"	X7830090 GROOVING FOR RECESSED PAVEMENT MARKING 25"
STA	STA	LT/RT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT
1+52	2+30	CENTER	16	63				20
2+30	6+50	CENTER		840				
6+50	8+01			302				
8+01	8+66	DERBY DR.						13
8+66	9+40			147				
9+40	10+38	MAIN ST		166	145			42
10+38	12+50			448				
12+50	13+46			192				
09+39.60	583+00.00	SPTR ISLAND S						
09+39.60	583+00.00	SPTR ISLAND E						
09+39.60	583+00.00	SPTR ISLAND N						
09+39.60	583+00.00	SPTR ISLAND W						
13+46	115+00			107				
114+31		CROSSWALKS/ YIELD			63		16	
718+89	719+50	W COURT		170				
718+70		CROSSWALKS/ YIELD			62		18	
377+28	378+50	COURT	47	305				
378+50	378+78		16	69				
379+43		CROSSWALKS/ YIELD			66		22	
580+74		CROSSWALKS/ YIELD			65		16	
581+38	583+00		31	409				
583+00	587+75		62	1,188	81			
588+60	589+00		31	99				
584+00		WILSON LEFT			69			14
585+00		WILSON RIGHT			68			15
588+00		ROOSEVELT ST			204			29
589+00	591+26.3		31	566				
591+64		VON AVE			68			14
592+02	594+42		62	600				
594+83	588+60.2	SUTTON PLACE			72			17
595+21	597+57		73	780	257	40		14
TOTAL			369	6,451	1,220	40	72	178



USER NAME = dmeyer	DESIGNED - YOS	REVISED -
	DRAWN - DRR	REVISED -
PLOT SCALE = 1:8000' / 1" =	CHECKED - PSA	REVISED -
PLOT DATE = 6/24/2016	DATE - 06/17/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: N.T.S. SHEET 10 OF 13 SHEETS STA. 01+52.30 TO STA. 596+40.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2966	12-00024-00-FP	WILL	129	22
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT M-9003(989)		

15. SCHEDULE OF SIGNAGE

LOCATION				SIGN PANEL						72000100	72800100
ROUTE DIRECTION	STATION PROPOSED	OFFSET	L/R	SIGN NO.	LEGEND/DESCRIPTION	SHAPE	WIDTH (INCH)	HEIGHT (INCH)	AREA (SQ FT)	SIGN PANEL - TYPE 1	TELESCOPING STEEL SIGN SUPPORT
										FOOT	FOOT
GOVERNORS HWY NB			R	R3-2	NO LEFT TURN	SQUARE	36	36	9.0	9.0	13.0
EGYPTIAN TR EB			R	R3-2	NO LEFT TURN	SQUARE	36	36	9.0	9.0	13.0
GOVERNORS HWY NB	1+64	50.0	L	R5-1	DO NOT ENTER	SQUARE	36	36	9.0	9.0	13.0
GOVERNORS HWY NB	1+65	6.0	R	R3-2	NO LEFT TURN	SQUARE	36	36	9.0	9.0	13.0
EGYPTIAN TR SB	1+65	2.7	L	R1-1	STOP SIGN	OCTAGON	36	36	8.0	8.0	13.0
EGYPTIAN TR SB	1+73	32.7	L	R1-1	STOP SIGN	OCTAGON	36	36	8.0	8.0	13.0
EGYPTIAN TR SB	2+04	27.4	L	R3-5R	RIGHT TURN	RECTANGLE	12	30	2.5	2.5	12.5
DERBY DR EB	8+16	38.0	L	R1-1	STOP SIGN	OCTAGON	36	36	8.0	8.0	13.0
EGYPTIAN TR NB	9+40	20.0	R	R1-1	STOP SIGN	OCTAGON	36	36	8.0	8.0	13.0
EGYPTIAN TR NB	9+40	20.0	R	R1-3P	ALL WAY	RECTANGLE	18	6	0.7	0.7	13.0
EGYPTIAN TR SB	9+45	20.0	L	R5-2	NO TRUCK	SQUARE	24	24	4.0	4.0	13.5
EGYPTIAN TR SB	9+45	20.0	L	N/A	OVER 8,000 LB	RECTANGLE	24	18	3.0	3.0	13.5
MAIN ST WB	10+05	45.2	R	R1-1	STOP SIGN	OCTAGON	36	36	8.0	8.0	13.0
MAIN ST WB	10+05	45.2	R	R1-3P	ALL WAY	RECTANGLE	18	6	0.7	0.7	13.0
EGYPTIAN TR SB	10+38	20.0	L	R1-1	STOP SIGN	OCTAGON	36	36	8.0	8.0	13.0
EGYPTIAN TR SB	10+38	20.0	L	R1-3P	ALL WAY	RECTANGLE	18	6	0.7	0.7	13.0
EGYPTIAN TR NB	10+45	17.5	R	W2-6	CIRCULAR INTERSECTION	DIAMOND	30	30	6.3	6.3	12.5
EGYPTIAN TR NB	10+45	17.5	R	W16-8dP	ADVANCE STREET NAME	RECTANGLE	18	12	1.5	1.5	12.5
EGYPTIAN TR NB	12+15	17.5	R	W3-2	YIELD AHEAD	DIAMOND	36	36	9.0	9.0	13.0
EGYPTIAN SB	114+05	2.8	R	R4-7	KEEP RIGHT	RECTANGLE	24	30	5.0	5.0	12.5
EGYPTIAN TR NB	114+07	27.0	R	W11-2	PEDESTRIAN CROSSING	DIAMOND	36	36	9.0	9.0	13.0
EGYPTIAN TR NB	114+07	27.0	R	W16-7P	DIAGONAL ARROW	RECTANGLE	24	12	2.0	2.0	13.0
EGYPTIAN TR SB	114+31	20.3	L	W11-2	PEDESTRIAN CROSSING	DIAMOND	36	36	9.0	9.0	13.0
EGYPTIAN TR SB	114+31	20.3	L	W16-7P	DIAGONAL ARROW	RECTANGLE	24	12	2.0	2.0	13.0
EGYPTIAN TR NB	114+36	52.4	R	R1-2	YIELD	TRIANGLE	36	31.2	3.9	3.9	12.6
EGYPTIAN TR NB	114+36	52.4	R	R1-54	TO TRAFFIC FROM LEFT	RECTANGLE	24	18	3.0	3.0	12.6
EGYPTIAN TR NB	114+43	17.7	R	R1-2	YIELD	TRIANGLE	36	31.2	3.9	3.9	12.6
EGYPTIAN TR SB	114+49	4.6	R	D1-1d	CIRCULAR INTERSECTION DESTINATION	RECTANGLE	54	24.0	9.0	9.0	24.0
COURT ST EB	375+80	24.1	R	W2-6	CIRCULAR INTERSECTION	DIAMOND	30	30.0	6.3	6.3	12.5
COURT ST EB	375+80	24.1	R	N/A	EGYPTIAN TRAIL	RECTANGLE	54	24.0	9.0	9.0	12.5
COURT ST EB	377+40	24.1	R	W3-2	YIELD AHEAD	DIAMOND	36	36	9.0	9.0	13.0
COURT ST EB	378+86	5.4	L	R4-7	KEEP RIGHT	RECTANGLE	24	30	5.0	5.0	12.5
COURT ST EB	379+27	38.7	R	W11-2	PEDESTRIAN CROSSING	DIAMOND	36	36	9.0	9.0	13.0
COURT ST EB	379+27	38.7	R	W16-7P	DIAGONAL ARROW	RECTANGLE	24	12	2.0	2.0	13.0
COURT ST EB	379+51.5	23.0	R	R1-2	YIELD	TRIANGLE	36	31.2	3.9	3.9	12.6
COURT ST EB	379+53	62.0	R	R1-2	YIELD	TRIANGLE	36	31.2	3.9	3.9	12.6
COURT ST EB	379+53	62.0	R	R1-54	TO TRAFFIC FROM LEFT	RECTANGLE	24	18	3.0	3.0	12.6
COURT ST WB	379+48	20.3	L	W11-2	PEDESTRIAN CROSSING	DIAMOND	36	36	9.0	9.0	13.0
COURT ST WB	379+48	20.3	L	W16-7P	DIAGONAL ARROW	RECTANGLE	24	12	2.0	2.0	13.0
COURT ST WB	379+57	4.2	R	D1-1d	CIRCULAR INTERSECTION DESTINATION	RECTANGLE	54	24.0	9.0	9.0	24.0
PAGE 1 SUBTOTAL										230.3	382.4



USER NAME = dmeyer
 PLOT SCALE = 1:8000 ' / 1" =
 PLOT DATE = 6/24/2016

DESIGNED - YOS
 DRAWN - DRR
 CHECKED - PSA
 DATE - 06/17/16

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: N.T.S. SHEET 11 OF 13 SHEETS STA. 01+52.30 TO STA. 596+40.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2966	12-00024-00-FP	WILL	129	23
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT M-9003(989)		

15. SCHEDULE OF SIGNAGE (CONT.)

LOCATION				SIGN PANEL						72000100	72800100
ROUTE DIRECTION	STATION PROPOSED	OFFSET	L/R	SIGN NO.	LEGEND/DESCRIPTION	SHAPE	WIDTH (INCH)	DEPTH (INCH)	AREA (SQ FT)	SIGN PANEL - TYPE 1	TELESCOPING STEEL SIGN SUPPORT
										FOOT	FOOT
EGYPTIAN TR NB	580+54	4.7	L	D1-1d	CIRCULAR INTERSECTION DESTINATION	RECTANGLE	54	24	9.0	9.0	24.0
EGYPTIAN TR SB	580+61	23.9	L	R1-2	YIELD	TRIANGLE	36	31.2	3.9	3.9	12.6
EGYPTIAN TR SB	580+66.8	50.9	L	R1-2	YIELD	TRIANGLE	36	31.2	3.9	3.9	12.6
EGYPTIAN TR SB	580+66.8	50.9	L	R1-54	TO TRAFFIC FROM LEFT	RECTANGLE	24	18	3.0	3.0	
EGYPTIAN TR NB	580+72	22.2	R	W11-2	PEDESTRIAN CROSSING	DIAMOND	36	36	9.0	9.0	13.0
EGYPTIAN TR NB	580+72	22.2	R	W16-7P	DIAGONAL ARROW	RECTANGLE	24	12	2.0	2.0	
EGYPTIAN TR SB	580+97	38.2	L	W11-2	PEDESTRIAN CROSSING	DIAMOND	36	36	9.0	9.0	13.0
EGYPTIAN TR SB	580+97	38.2	L	W16-7P	DIAGONAL ARROW	RECTANGLE	24	12	2.0	2.0	
EGYPTIAN TR NB	581+28	6.8	L	R4-7	KEEP RIGHT	RECTANGLE	24	30	5.0	5.0	12.5
EGYPTIAN TR NB	582+71	23.2	L	W3-2	YIELD AHEAD	DIAMOND	36	36	9.0	9.0	13.0
WILSON ST EB	583+85	38.0	L	R1-1	STOP SIGN	OCTAGON	36	36	8.0	8.0	13.0
EGYPTIAN TR SB	584+60	22.0	L	W2-6	CIRCULAR INTERSECTION	DIAMOND	30	30	6.3	6.3	12.5
EGYPTIAN TR SB	584+60	22.0	L	W16-8aP	ADVANCE STREET NAME	RECTANGLE	18	12	1.5	1.5	
WILSON ST WB	585+17	46.0	R	R1-1	STOP SIGN	OCTAGON	36	36	8.0	8.0	13.0
EGYPTIAN TR NB	585+35	25.0	R	W11-2	PEDESTRIAN CROSSING	DIAMOND	36	36	9.0	9.0	13.0
EGYPTIAN TR NB	585+35	25.0	R	W16-7P	DIAGONAL ARROW	RECTANGLE	24	12	2.0	2.0	
EGYPTIAN TR SB	585+35	22.0	L	W11-2	PEDESTRIAN CROSSING	DIAMOND	36	36	9.0	9.0	13.0
EGYPTIAN TR SB	585+35	22.0	L	W16-7P	DIAGONAL ARROW	RECTANGLE	24	12	2.0	2.0	
EGYPTIAN TR NB	586+10	23.6	R	R2-1	SPEED LIMIT - 25 MPH	RECTANGLE	24	30	5.0	5.0	12.5
EGYPTIAN TR NB	586+70	23.6	R	R2-1	SPEED LIMIT - 25 MPH	RECTANGLE	24	30	5.0	5.0	12.5
ROOSEVELT ST EB	587+82	38.0	L	R1-1	STOP SIGN	OCTAGON	36	36	8.0	8.0	13.0
ROOSEVELT ST WB	588+29	45.6	R	R1-1	STOP SIGN	OCTAGON	36	36	8.0	8.0	13.0
EGYPTIAN TR NB	588+48	25.0	R	W11-2	PEDESTRIAN CROSSING	DIAMOND	36	36	9.0	9.0	13.0
EGYPTIAN TR NB	588+48	25.0	R	W16-7P	DIAGONAL ARROW	RECTANGLE	24	12	2.0	2.0	
EGYPTIAN TR SB	588+58	22.0	L	W11-2	PEDESTRIAN CROSSING	DIAMOND	36	36	9.0	9.0	13.0
EGYPTIAN TR SB	588+58	22.0	L	W16-7P	DIAGONAL ARROW	RECTANGLE	24	12	2.0	2.0	
VON AVE EB	583+85	38.0	L	R1-1	STOP SIGN	OCTAGON	36	36	8.0	8.0	13.0
EGYPTIAN TR NB	592+96	23.6	R	R2-1	SPEED LIMIT - 25 MPH	RECTANGLE	24	30	5.0	5.0	12.5
SUTTON PLACE	594+61	45.0	L	R1-1	STOP SIGN	OCTAGON	36	36	8.0	8.0	13.0
PLAZA ENTRANCE	596+37	45.0	L	R1-1	STOP SIGN	OCTAGON	36	36	8.0	8.0	13.0
PAGE 2 SUBTOTAL										178.6	293.7



USER NAME = dmeyer	DESIGNED - YOS	REVISED -
	DRAWN - DRR	REVISED -
PLOT SCALE = 1.0000' / 1" =	CHECKED - PSA	REVISED -
PLOT DATE = 6/24/2016	DATE - 06/17/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: N.T.S. SHEET 12 OF 13 SHEETS STA. 01+52.30 TO STA. 596+40.00

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 24
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-9003(989)				

15. SCHEDULE OF SIGNAGE (CONT.)

LOCATION				SIGN PANEL						72000100	72800100
ROUTE DIRECTION	STATION PROPOSED	OFFSET	L/R	SIGN NO.	LEGEND/DESCRIPTION	SHAPE	WIDTH (INCH)	DEPTH (INCH)	AREA (SQ FT)	SIGN PANEL - TYPE 1	TELESCOPING STEEL SIGN SUPPORT
										FOOT	FOOT
COURT ST WB	718+58	5.1	L	D1-1d	CIRCULAR INTERSECTION DESTINATION	RECTANGLE	54	24	9.0	9.0	24.0
COURT ST EB	718+60	18.7	L	R1-2	YIELD	TRIANGLE	36	31.2	3.9	3.9	12.6
COURT ST EB	718+66	48.3	L	R1-2	YIELD	TRIANGLE	36	31.2	3.9	3.9	12.6
COURT ST EB	718+66	48.3	L	R1-54	TO TRAFFIC FROM LEFT	RECTANGLE	24	18	3.0	3.0	
COURT ST WB	718+69	19.8	R	W11-2	PEDESTRIAN CROSSING	DIAMOND	36	36	9.0	9.0	13.0
COURT ST WB	718+69	19.8	R	W16-7P	DIAGONAL ARROW	RECTANGLE	24	12	2.0	2.0	
COURT ST WB	718+83	3.7	L	R4-7	KEEP RIGHT	RECTANGLE	24	30	5.0	5.0	12.5
COURT ST EB	718+92	27.7	L	W11-2	PEDESTRIAN CROSSING	DIAMOND	36	36	9.0	9.0	13.0
COURT ST EB	718+92	27.7	L	W16-7P	DIAGONAL ARROW	RECTANGLE	24	12	2.0	2.0	
COURT ST WB	719+24.6	21.8	R	R2-1	SPEED LIMIT - 25 MPH	RECTANGLE	24	30	5.0	5.0	12.5
COURT ST WB	719+24.8	18.3	R	R5-2	NO TRUCK	SQUARE	24	24	4.0	4.0	13.5
COURT ST WB	719+24.8	18.3	R	N/A	OVER 8,000 LB	RECTANGLE	24	18	3.0	3.0	
COURT ST EB	720+73	21.1	L	W3-2	YIELD AHEAD	DIAMOND	36	36	9.0	9.0	13.0
COURT ST EB	721+33	21.1	L	W2-6	CIRCULAR INTERSECTION	DIAMOND	30	30.0	6.3	6.3	12.5
COURT ST EB	721+33	21.1	L	N/A	EGYPTIAN TRAIL	RECTANGLE	54	24.0	9.0	9.0	
EGYPTIAN TR NB	900+30	17.8	R	R6-1R	ONE WAY	RECTANGLE	36	12	3.0	3.0	11.0
EGYPTIAN TR NB	900+30	17.8	R	R6-4a	CHEVRONS	RECTANGLE	48	24	8.0	8.0	
COURT ST WB	900+94	17.7	R	R6-1R	ONE WAY	RECTANGLE	36	12	3.0	3.0	11.0
COURT ST WB	900+94	17.7	R	R6-4a	CHEVRONS	RECTANGLE	48	24	8.0	8.0	
EGYPTIAN TR SB	901+76	18.8	R	R6-1R	ONE WAY	RECTANGLE	36	12	3.0	3.0	11.0
EGYPTIAN TR SB	901+76	18.8	R	R6-4a	CHEVRONS	RECTANGLE	48	24	8.0	8.0	
COURT ST EB	902+29	17.1	R	R6-1R	ONE WAY	RECTANGLE	36	12	3.0	3.0	11.0
COURT ST EB	902+29	17.1	R	R6-4a	CHEVRONS	RECTANGLE	48	24	8.0	8.0	
PAGE 3 SUBTOTAL										127.1	183.2
PAGE 1 SUBTOTAL										230.3	382.4
PAGE 2 SUBTOTAL										178.6	293.7
TOTAL										536	859

16. REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES

66900200	66900450	66900530
NON-SPECIAL WASTE DISPOSAL	SPECIAL WASTE PLANS AND REPORTS	SOIL DISPOSAL ANALYSIS
CU YD	LSUM	EACH
190	1	1

NOTE: SEE SPECIAL PROVISIONS FOR LOCATIONS.



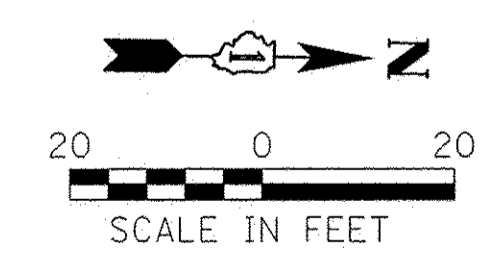
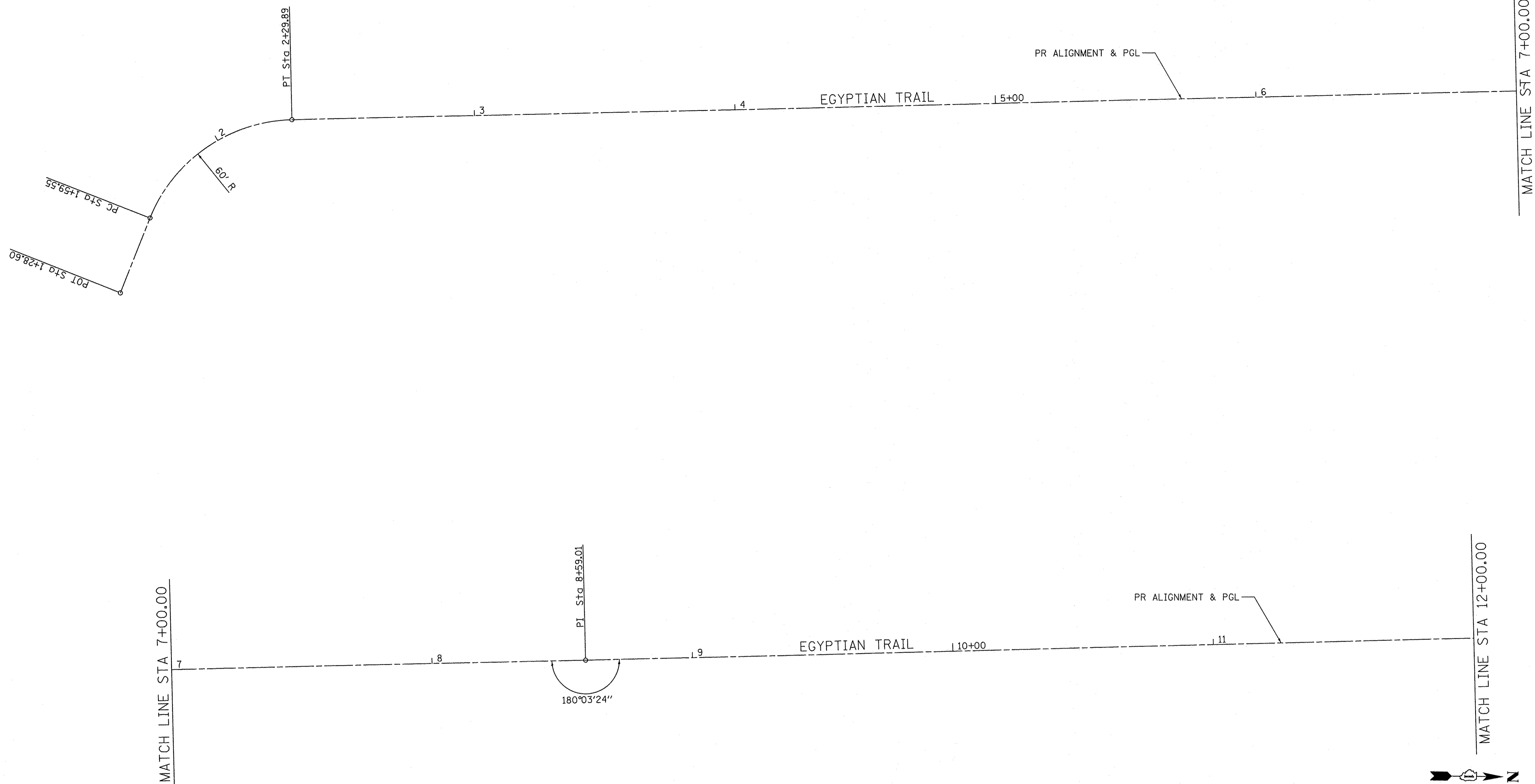
USER NAME = dneyer	DESIGNED - YOS	REVISED -
	DRAWN - DRR	REVISED -
PLOT SCALE = 1.0000' / 1"	CHECKED - PSA	REVISED -
PLOT DATE = 6/24/2016	DATE - 06/17/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: N.T.S. SHEET 13 OF 13 SHEETS STA. 01+52.30 TO STA. 596+40.00

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 25
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-9003(989)				



STATION	NORTHING	EASTING
POT 1+28.60	1731006.0283	1144967.5592
PC 1+59.55	1731017.6946	1144938.8905
PT 2+29.89	1731072.5434	1144901.5103
PI 8+59.01	1731701.6180	1144893.8990

Farnsworth GROUP
 1144 W. JEFFERSON STREET
 SHOREWOOD, ILLINOIS 60404
 (815) 744-6940 / info@fw.com

USER NAME = dmeyer	DESIGNED - YOS	REVISED -
	DRAWN - JDK	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - PSA	REVISED -
PLOT DATE = 6/24/2016	DATE - 06/17/16	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, SURVEY TIES, AND BENCHMARKS

SCALE: 1"=20' SHEET 1 OF 4 SHEETS STA. 1+28.60 TO STA. 12+00.00

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 26
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT M-9003(989)		

PROP. CURVE ET_SL-1
 PI STA. = 114+20.80
 $\Delta = 5^\circ 18' 16''$ (LT)
 $D = 7^\circ 09' 43''$
 $R = 800.00'$
 $T = 37.06'$
 $L = 74.06'$
 $E = 0.86'$
 P.C. STA = 113+83.74
 P.T. STA = 114+57.81

PROP. CURVE ET_SR-1
 PI STA. = 214+21.02
 $\Delta = 40^\circ 06' 35''$ (RT)
 $D = 63^\circ 39' 43''$
 $R = 90.00'$
 $T = 32.85'$
 $L = 63.00'$
 $E = 5.81'$
 P.C. STA = 213+88.17
 P.T. STA = 214+51.17

EGYPTIAN TRAIL

PROP. CURVE ETL-1
 PI STA. = 680+76.78
 $\Delta = 33^\circ 00' 25''$ (LT)
 $D = 63^\circ 39' 43''$
 $R = 90.00'$
 $T = 26.67'$
 $L = 51.85'$
 $E = 3.87'$
 P.C. STA = 680+50.11
 P.T. STA = 681+01.96

PROP. CURVE ETL-2
 PI STA. = 681+70.34
 $\Delta = 16^\circ 50' 22''$ (RT)
 $D = 12^\circ 24' 06''$
 $R = 462.00'$
 $T = 68.38'$
 $L = 135.78'$
 $E = 5.03'$
 P.C. STA = 681+01.96
 P.T. STA = 682+37.74

PROP. CURVE ETR-1
 PI STA. = 581+49.90
 $\Delta = 23^\circ 23' 40''$ (RT)
 $D = 11^\circ 27' 33''$
 $R = 500.00'$
 $T = 103.52'$
 $L = 204.16'$
 $E = 10.60'$
 P.C. STA = 580+46.38
 P.T. STA = 582+50.54

PROP. CURVE CT1L-1
 PI STA. = 379+21.45
 $\Delta = 16^\circ 46' 24''$ (LT)
 $D = 19^\circ 05' 55''$
 $R = 300.00'$
 $T = 44.23'$
 $L = 87.83'$
 $E = 3.24'$
 P.C. STA = 378+77.22
 P.T. STA = 379+65.05

PROP. CURVE CT1R-1
 PI STA. = 478+76.47
 $\Delta = 7^\circ 11' 09''$ (LT)
 $D = 19^\circ 53' 40''$
 $R = 288.00'$
 $T = 18.08'$
 $L = 36.12'$
 $E = 0.57'$
 P.C. STA = 478+58.39
 P.T. STA = 478+94.51

COURT STREET

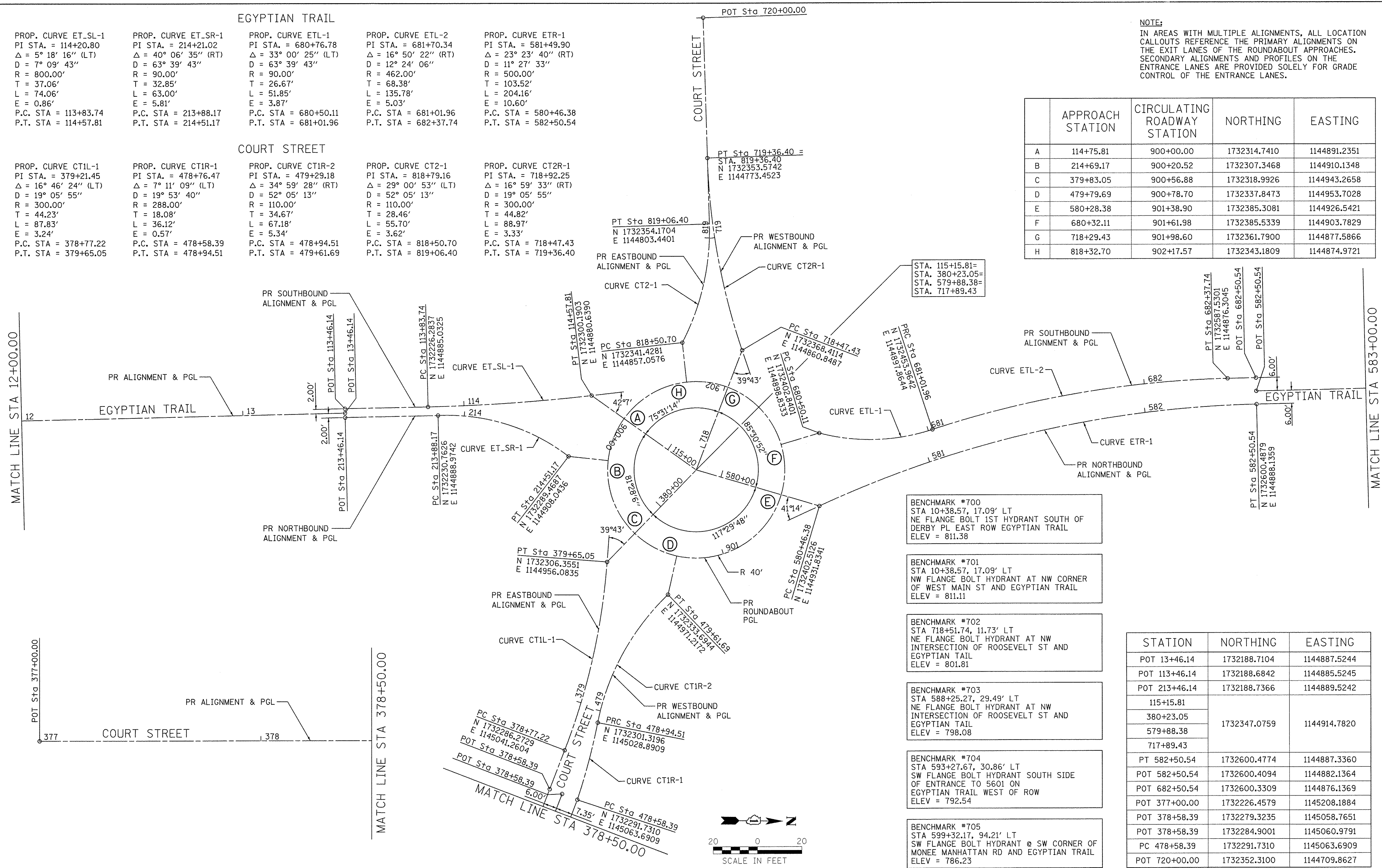
PROP. CURVE CT1R-2
 PI STA. = 479+29.18
 $\Delta = 34^\circ 59' 28''$ (RT)
 $D = 52^\circ 05' 13''$
 $R = 110.00'$
 $T = 34.67'$
 $L = 67.18'$
 $E = 5.34'$
 P.C. STA = 478+94.51
 P.T. STA = 479+61.69

PROP. CURVE CT2-1
 PI STA. = 818+79.16
 $\Delta = 29^\circ 00' 53''$ (LT)
 $D = 52^\circ 05' 13''$
 $R = 110.00'$
 $T = 28.46'$
 $L = 55.70'$
 $E = 3.62'$
 P.C. STA = 818+50.70
 P.T. STA = 819+06.40

PROP. CURVE CT2R-1
 PI STA. = 718+92.25
 $\Delta = 16^\circ 59' 33''$ (RT)
 $D = 19^\circ 05' 55''$
 $R = 300.00'$
 $T = 44.82'$
 $L = 88.97'$
 $E = 3.33'$
 P.C. STA = 718+47.43
 P.T. STA = 719+36.40

NOTE:
 IN AREAS WITH MULTIPLE ALIGNMENTS, ALL LOCATION
 CALLOUTS REFERENCE THE PRIMARY ALIGNMENTS ON
 THE EXIT LANES OF THE ROUNDABOUT APPROACHES.
 SECONDARY ALIGNMENTS AND PROFILES ON THE
 ENTRANCE LANES ARE PROVIDED SOLELY FOR GRADE
 CONTROL OF THE ENTRANCE LANES.

	APPROACH STATION	CIRCULATING ROADWAY STATION	NORTHING	EASTING
A	114+75.81	900+00.00	1732314.7410	1144891.2351
B	214+69.17	900+20.52	1732307.3468	1144910.1348
C	379+83.05	900+56.88	1732318.9926	1144943.2658
D	479+79.69	900+78.70	1732337.8473	1144953.7028
E	580+28.38	901+38.90	1732385.3081	1144926.5421
F	680+32.11	901+61.98	1732385.5339	1144903.7829
G	718+29.43	901+98.60	1732361.7900	1144877.5866
H	818+32.70	902+17.57	1732343.1809	1144874.9721



BENCHMARK #700
 STA 10+38.57, 17.09' LT
 NE FLANGE BOLT 1ST HYDRANT SOUTH OF
 DERBY PL EAST ROW EGYPTIAN TRAIL
 ELEV = 811.38

BENCHMARK #701
 STA 10+38.57, 17.09' LT
 NW FLANGE BOLT HYDRANT AT NW CORNER
 OF WEST MAIN ST AND EGYPTIAN TRAIL
 ELEV = 811.11

BENCHMARK #702
 STA 718+51.74, 11.73' LT
 NE FLANGE BOLT HYDRANT AT NW
 INTERSECTION OF ROOSEVELT ST AND
 EGYPTIAN TRAIL
 ELEV = 801.81

BENCHMARK #703
 STA 588+25.27, 29.49' LT
 NE FLANGE BOLT HYDRANT AT NW
 INTERSECTION OF ROOSEVELT ST AND
 EGYPTIAN TRAIL
 ELEV = 798.08

BENCHMARK #704
 STA 593+27.67, 30.86' LT
 SW FLANGE BOLT HYDRANT SOUTH SIDE
 OF ENTRANCE TO 5601 ON
 EGYPTIAN TRAIL WEST OF ROW
 ELEV = 792.54

BENCHMARK #705
 STA 599+32.17, 94.21' LT
 SW FLANGE BOLT HYDRANT @ SW CORNER OF
 MONEE MANHATTAN RD AND EGYPTIAN TRAIL
 ELEV = 786.23

STATION	NORTHING	EASTING
POT 13+46.14	1732188.7104	1144887.5244
POT 113+46.14	1732188.6842	1144885.5245
POT 213+46.14	1732188.7366	1144889.5242
115+15.81	1732347.0759	1144914.7820
380+23.05		
579+88.38		
717+89.43	1732600.4774	1144887.3360
PT 582+50.54		
POT 582+50.54	1732600.4094	1144882.1364
POT 682+50.54	1732600.3309	1144876.1369
POT 377+00.00	1732226.4579	1145208.1884
POT 378+58.39	1732279.3235	1145058.7651
POT 378+58.39	1732284.9001	1145060.9791
PC 478+58.39	1732291.7310	1145063.6909
POT 720+00.00	1732352.3100	1144709.8627

Farnsworth GROUP
 1144 W. JEFFERSON STREET
 SHOREWOOD, ILLINOIS 60404
 (815) 744-8840 / info@fw.com

USER NAME = dmeyer
 DESIGNED - YOS
 DRAWN - JDK
 CHECKED - PSA
 DATE - 06/17/16

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, SURVEY TIES, AND BENCHMARKS

SCALE: 1"=20' SHEET 2 OF 4 SHEETS STA. 12+00.00 TO STA. 583+00.00

F.A.U. SECTION COUNTY TOTAL SHEETS SHEET NO.
 2966 12-00024-00-FP WILL 129 27
 JOB NO. C-91-342-12 CONTRACT NO. 61C87
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-9003(989)

MATCH LINE STA 583+00.00

MATCH LINE STA 589+00.00

MATCH LINE STA 595+00.00

MATCH LINE STA 589+00.00

MATCH LINE STA 595+00.00

WILSON ST

WILSON ST

W VON AVE

PLAZA ENTRANCE

ROOSEVELT ST

W SUTTON PL

PR ALIGNMENT & PGL

PR ALIGNMENT & PGL

PR ALIGNMENT & PGL

EGYPTIAN TRAIL

EGYPTIAN TRAIL

EGYPTIAN TRAIL

STA 584+02.08

STA 585+12.25

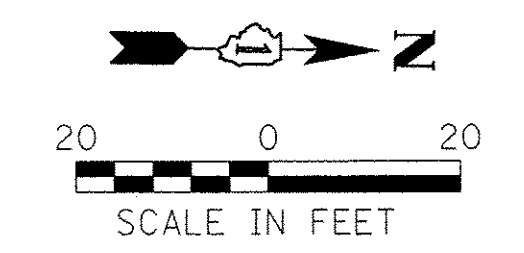
STA 588+00.39

STA 591+64.16

STA 592+82.86

STA 596+55.53

STATION	NORTHING	EASTING
POT 600+00.00	1734349.7230	1144859.2430



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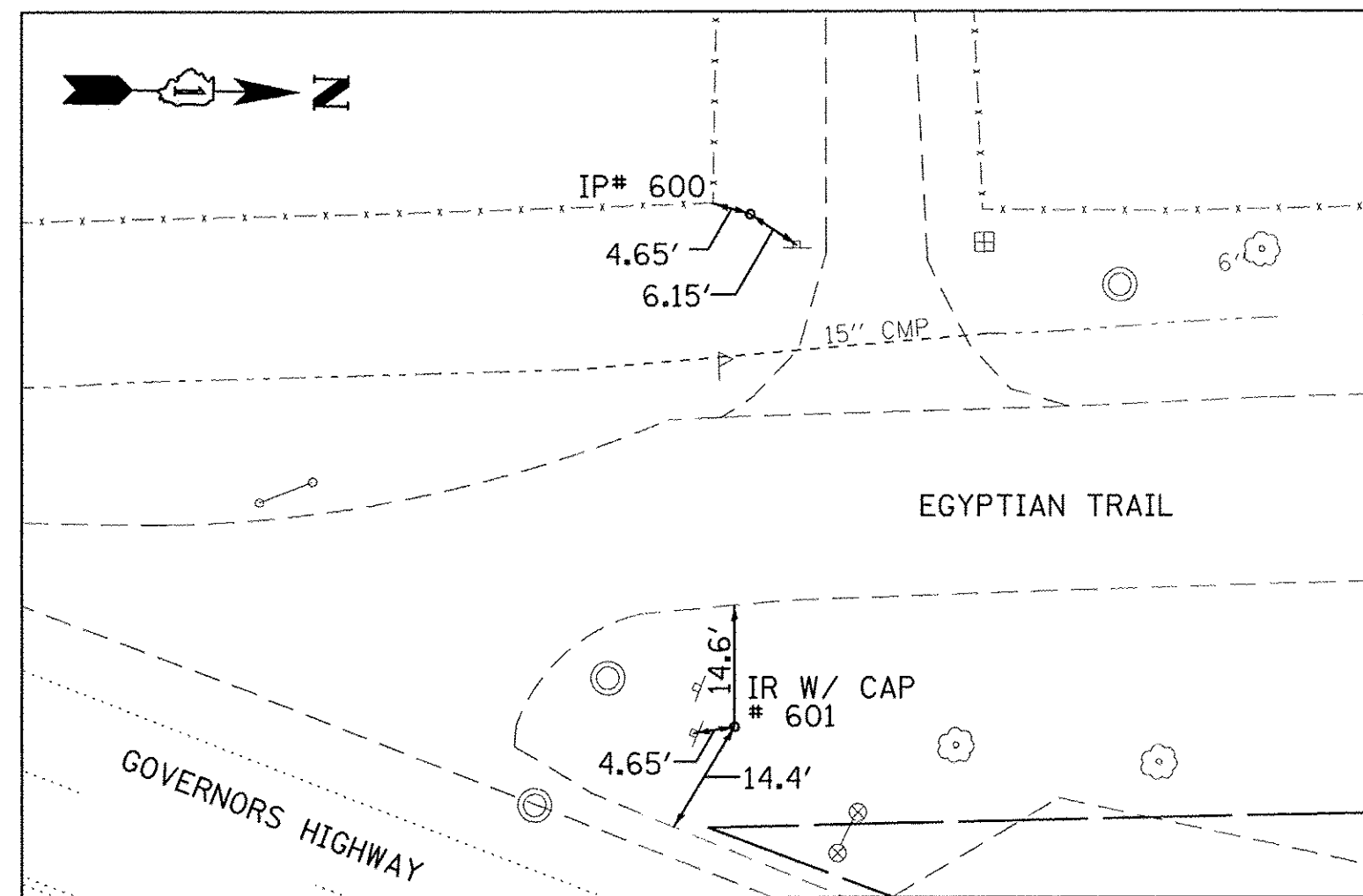
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	DRAWN - JDK	REVISED -
PLOT SCALE = 20,0000' / 1"	CHECKED - PSA	REVISED -
PLOT DATE = 6/24/2016	DATE - 06/17/16	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, SURVEY TIES, AND BENCHMARKS

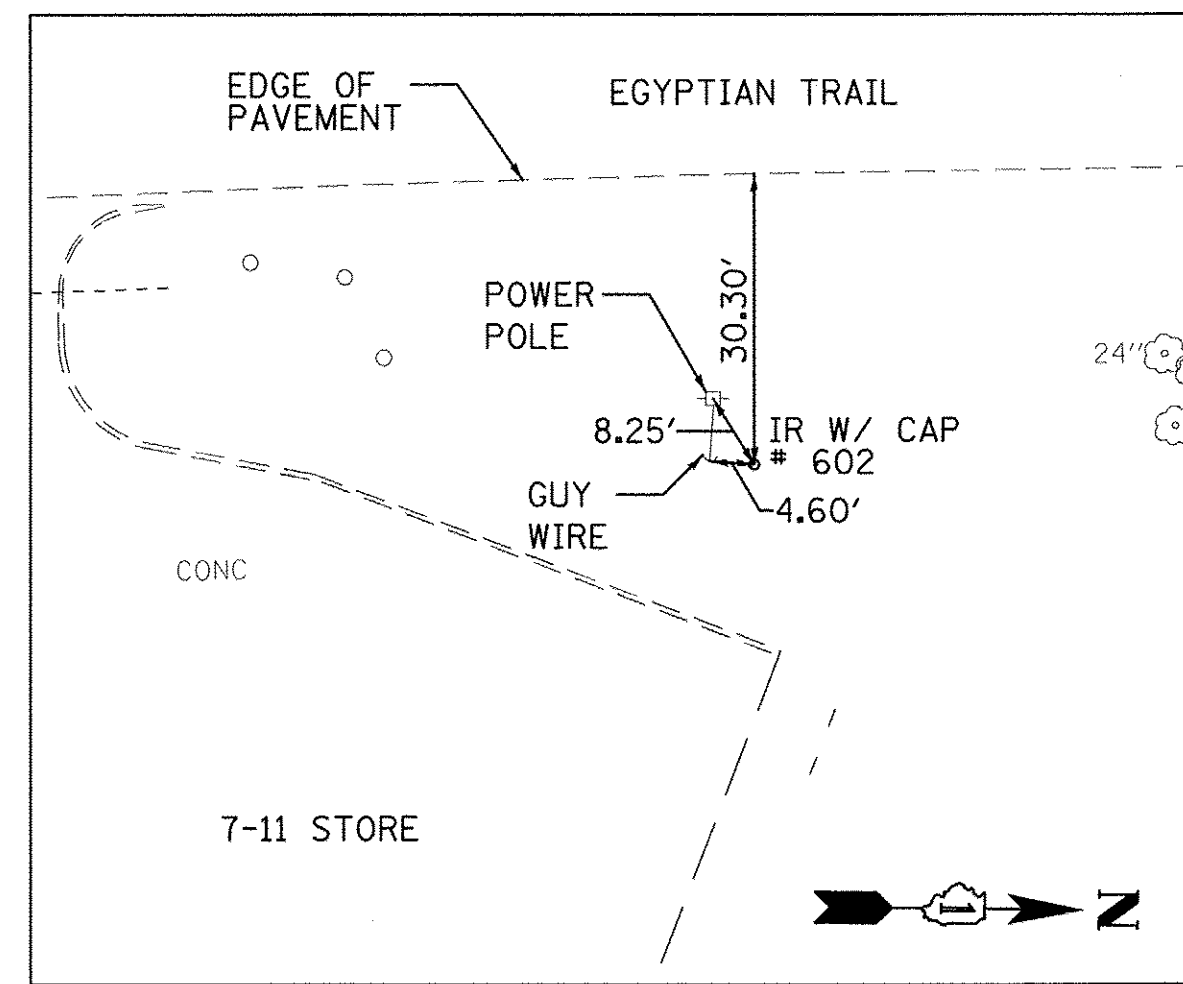
SCALE: 1"=20' SHEET 3 OF 4 SHEETS STA. 583+00.00 TO STA. 596+40.00

F.A.I. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 28
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-9003(989)				

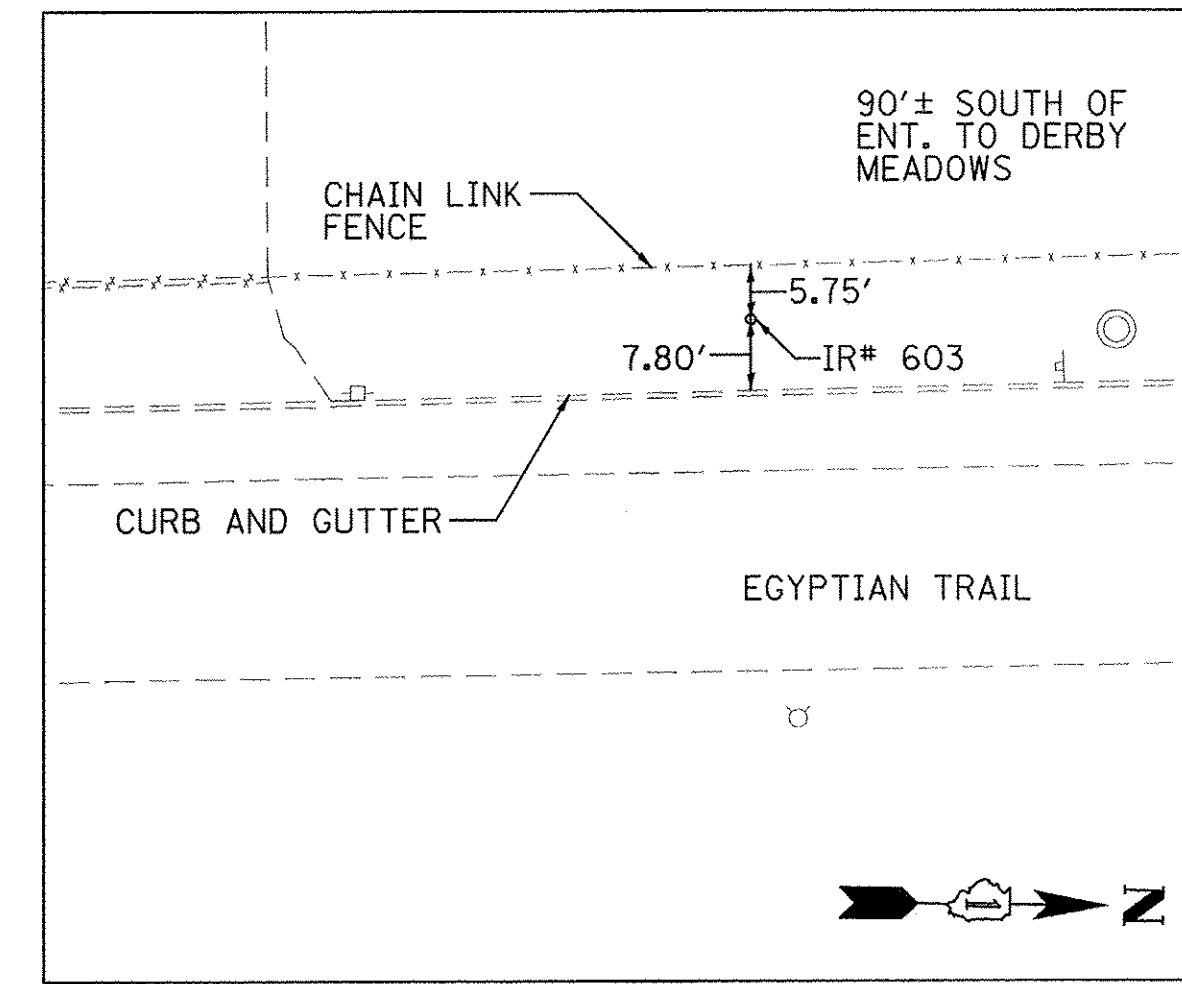


IRON PIPE #600
 STA 2+12.28, 36.92' LT
 N= 1731044.12
 E= 1144869.08

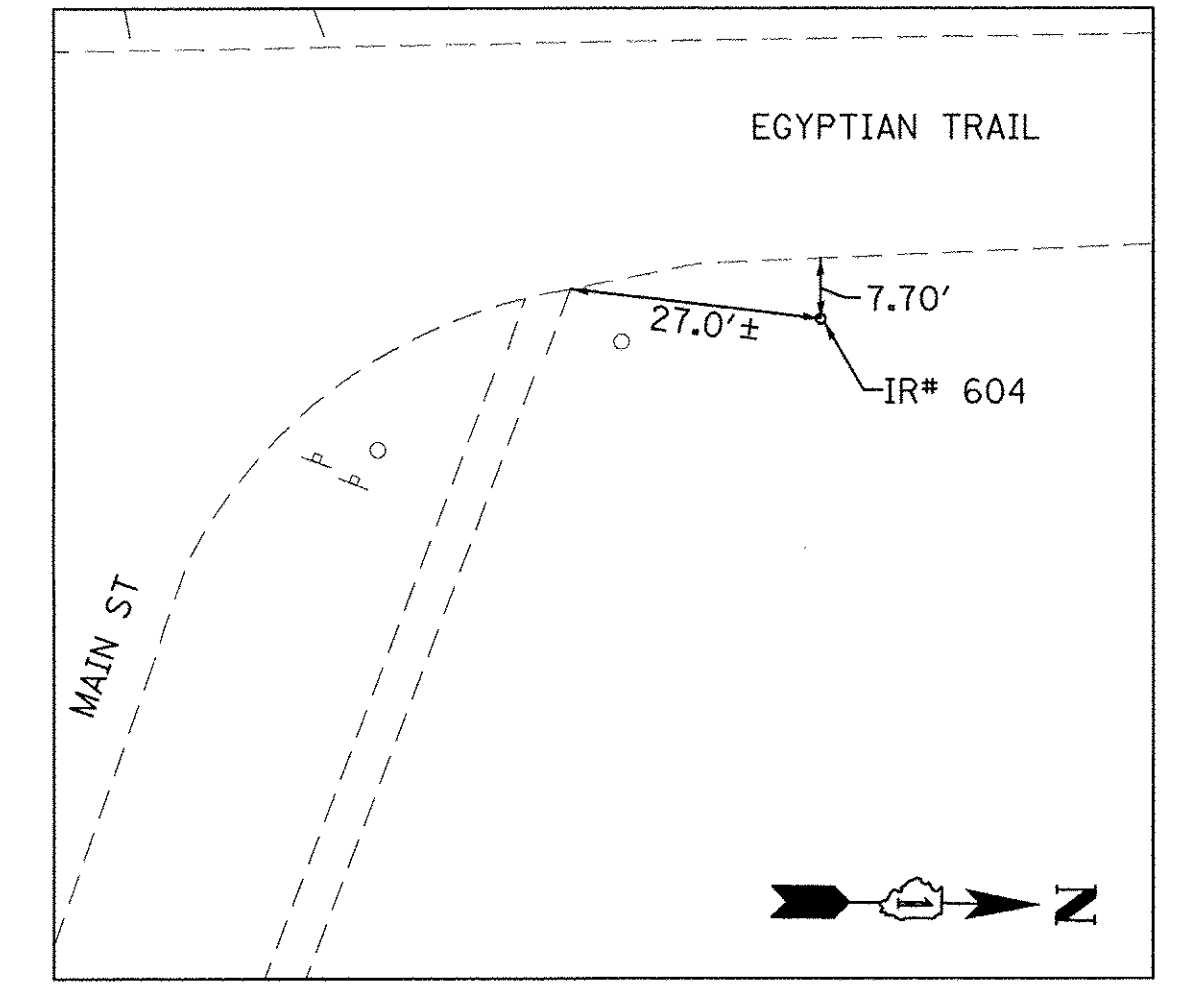
IRON ROD #601
 STA 1+83.32, 15.39' RT
 N= 1731041.64
 E= 1144930.05



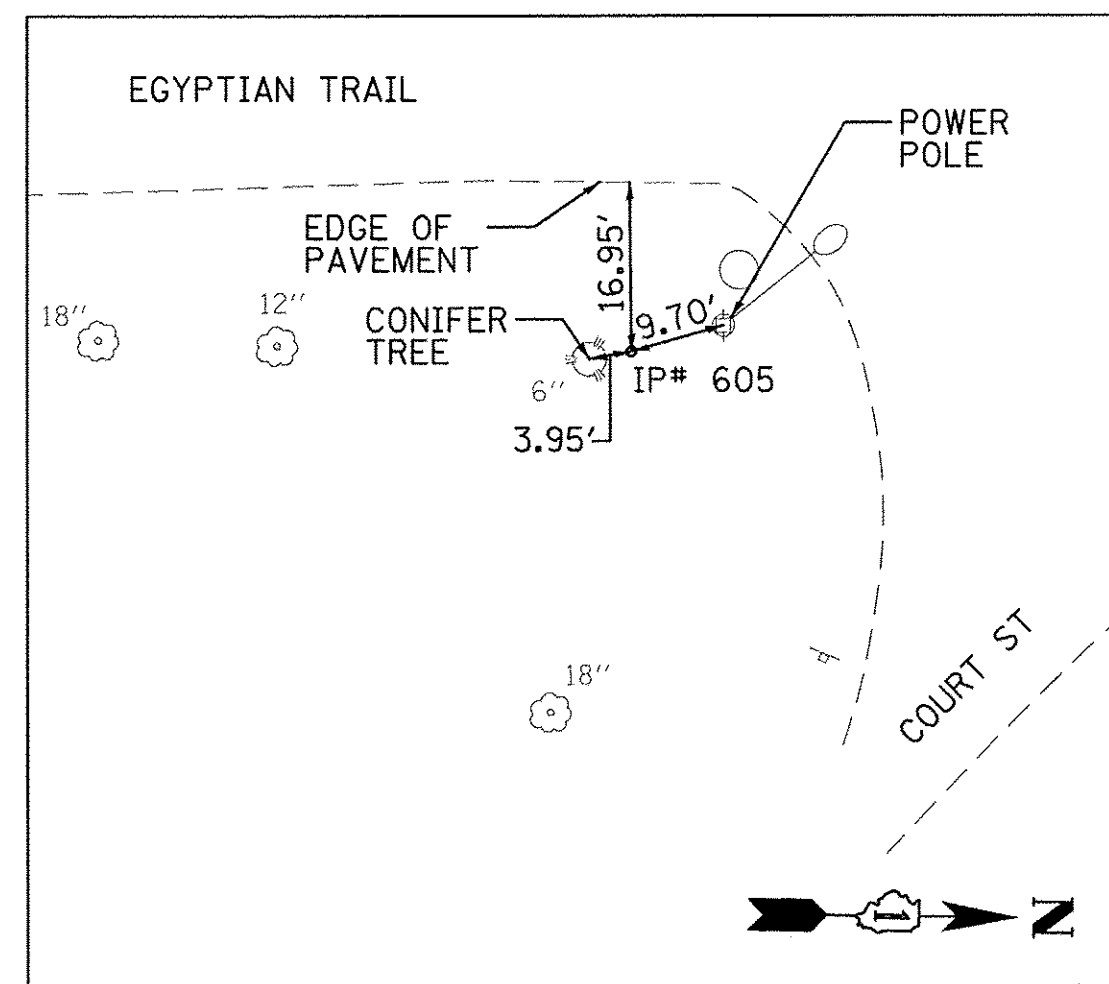
IRON ROD #602
 STA 6+71.68, 39.40' RT
 N= 1731514.79
 E= 1144935.56



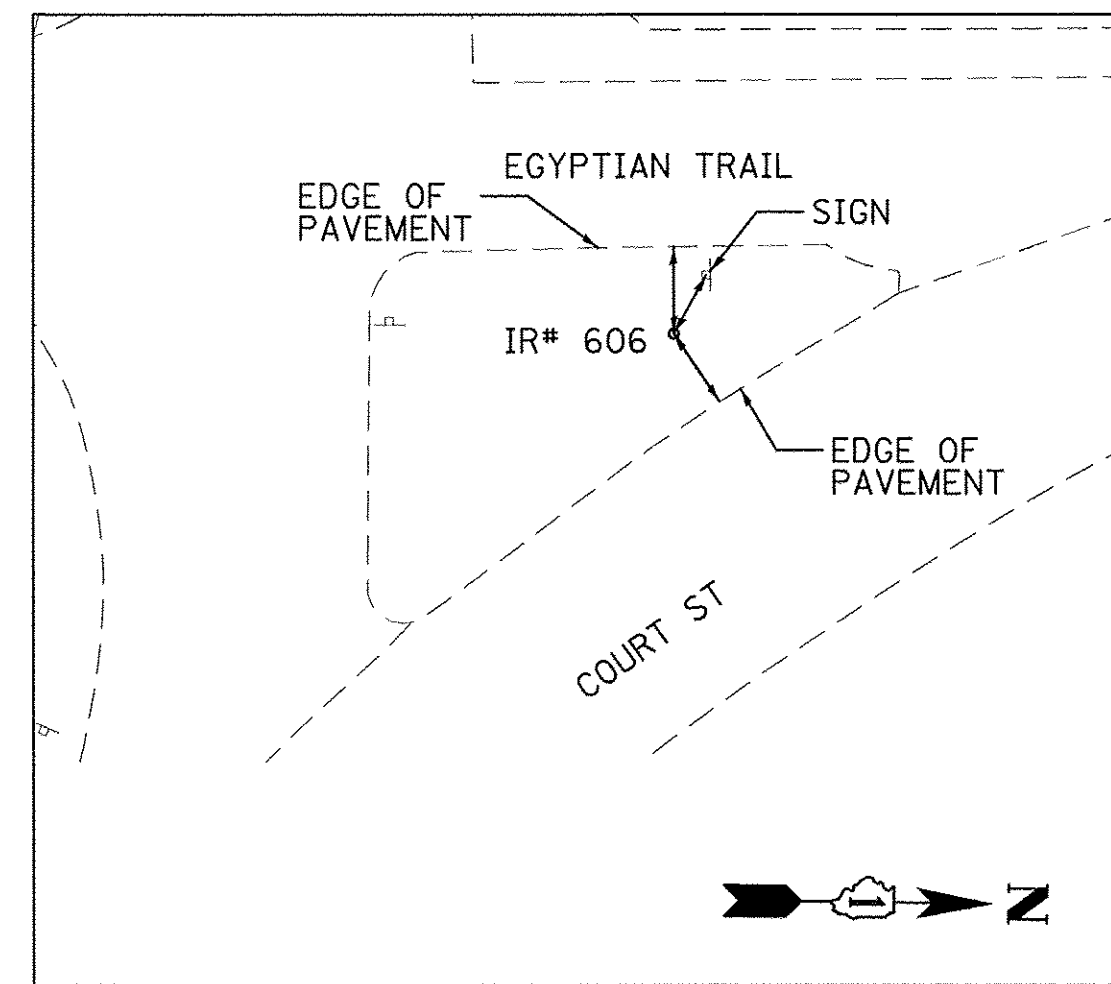
IRON ROD #603
 STA 7+36.15, 27.32' LT
 N= 1731578.44
 E= 1144868.07



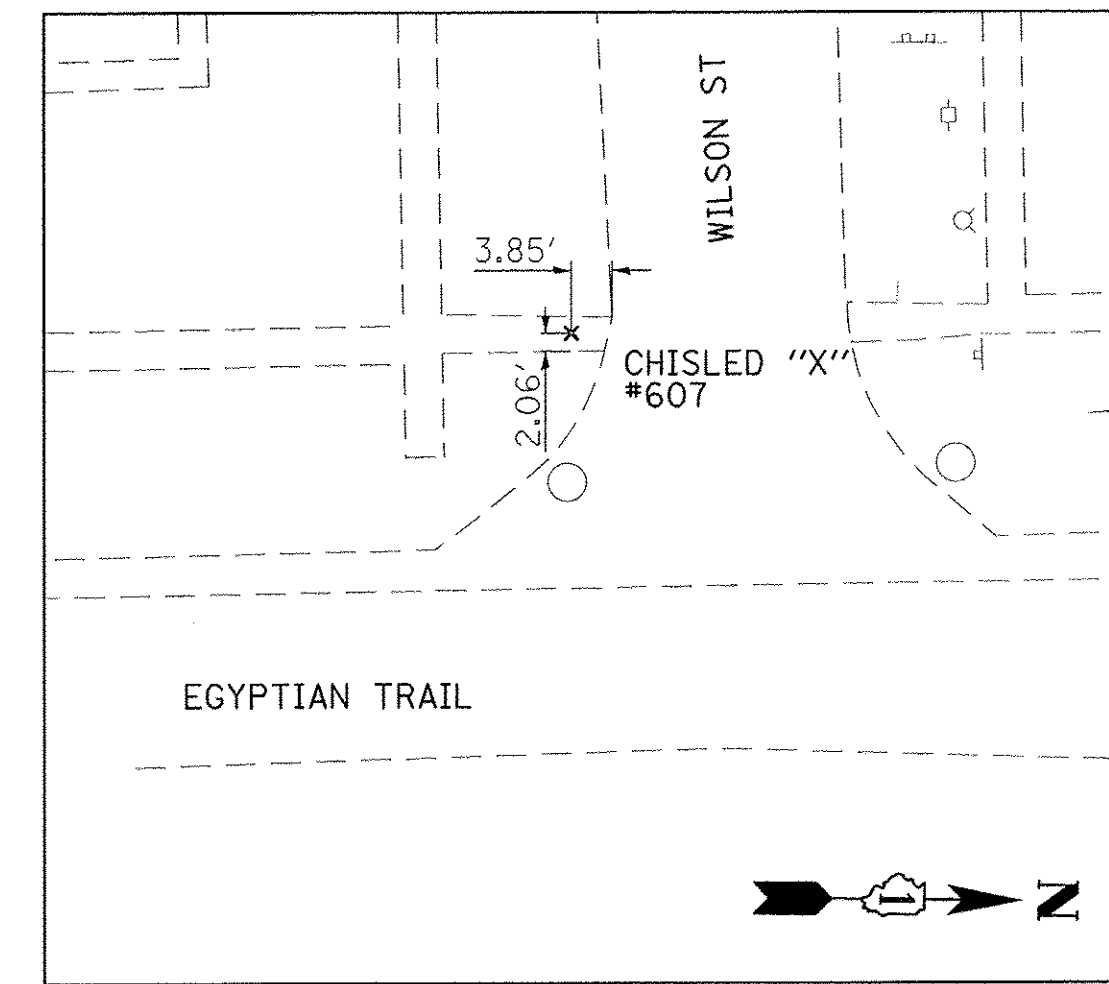
IRON ROD #604
 STA 10+58.83, 20.93' RT
 N= 1731901.70
 E= 1144912.21



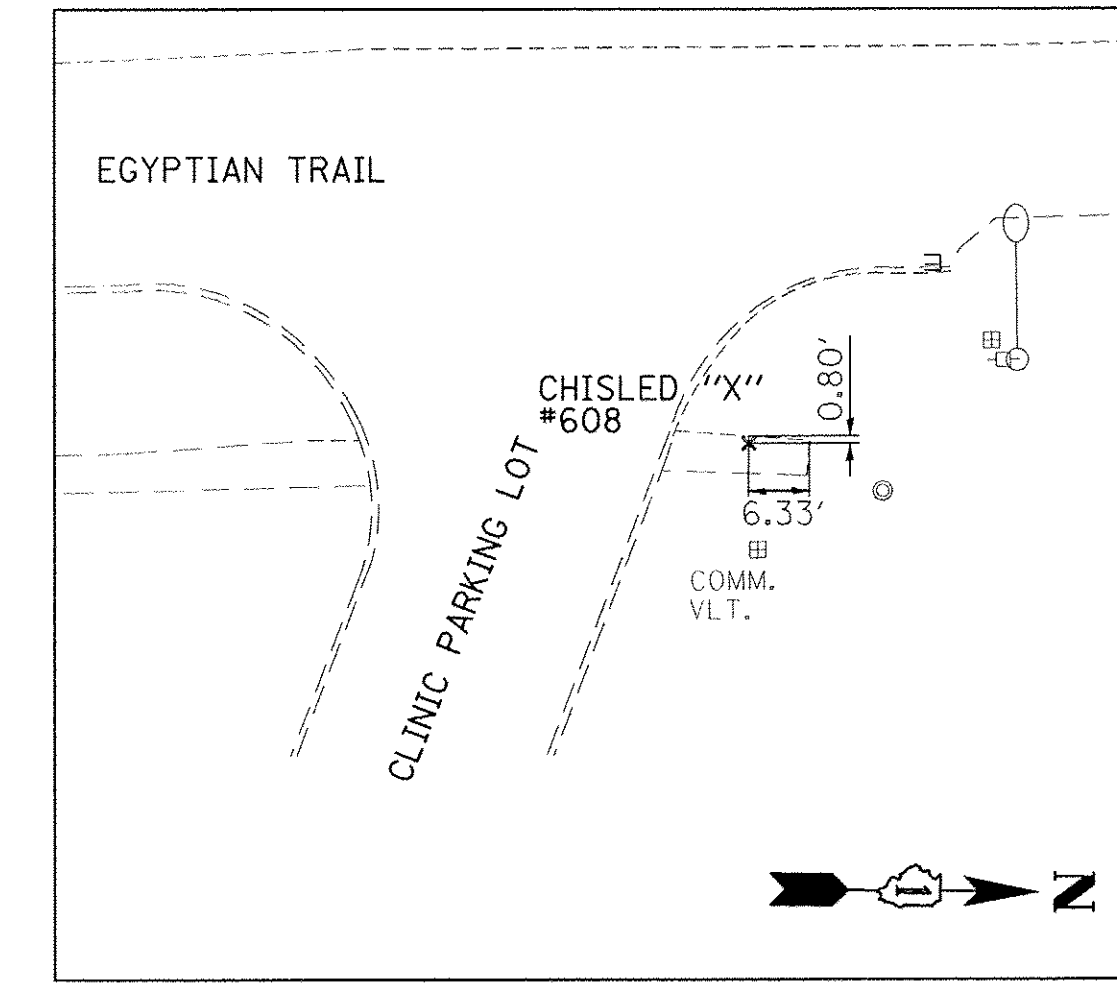
IRON PIPE #605
 STA 114+82.70, 25.14' RT
 N= 1732305.52
 E= 1144915.62



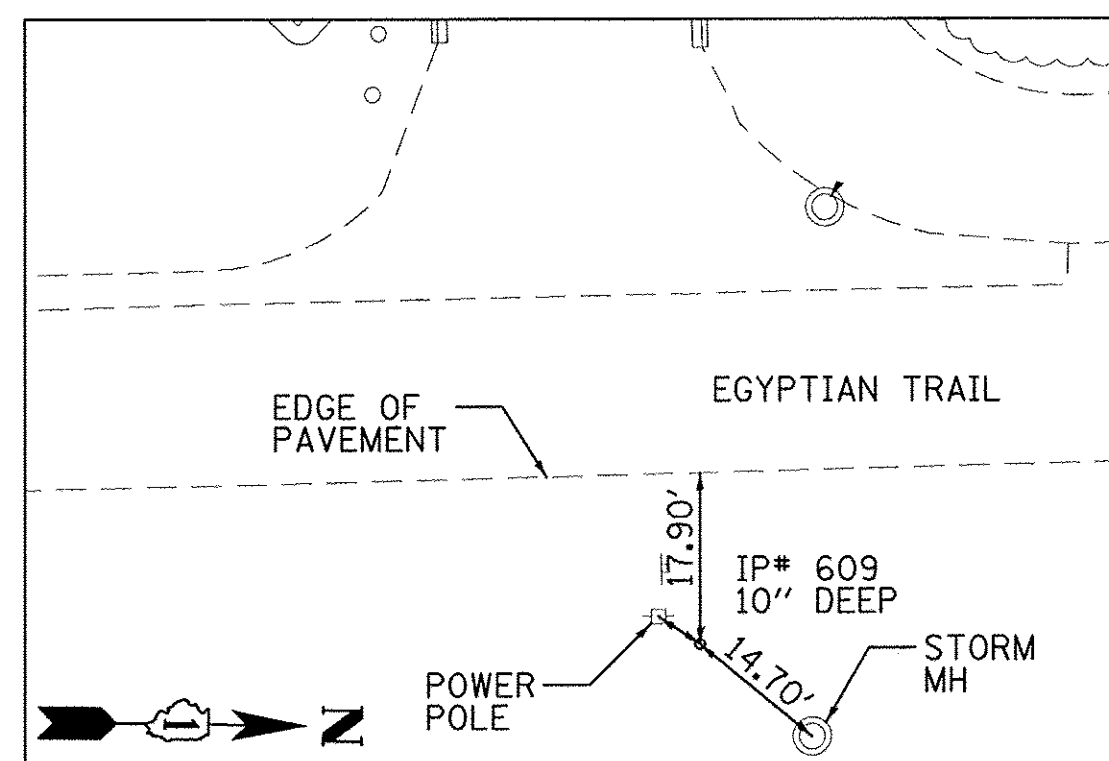
IRON ROD #606
 STA 580+28.22, 20.36' LT
 N= 1732391.14
 E= 1144907.04



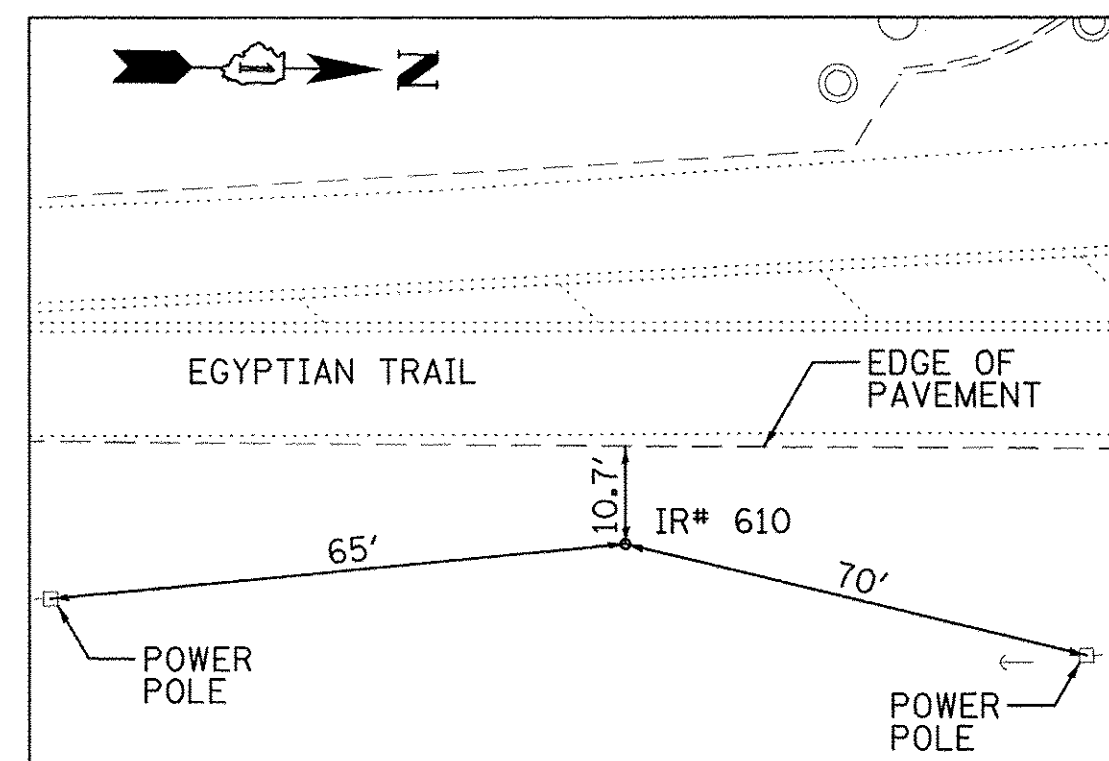
CHISELED "X" #607
 STA 583+87.00, 30.14' LT
 N= 1732736.46
 E= 1144850.22



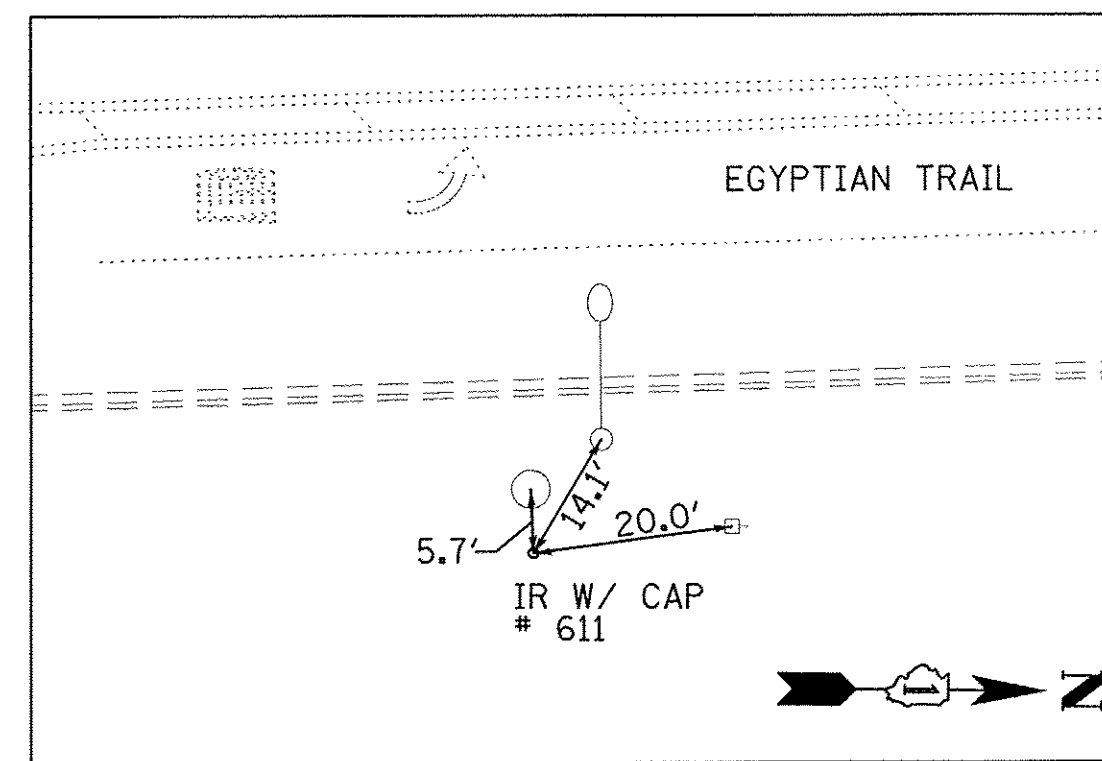
CHISELED "X" #608
 STA 588+38.05, 38.79' RT
 N= 1733188.38
 E= 1144913.24



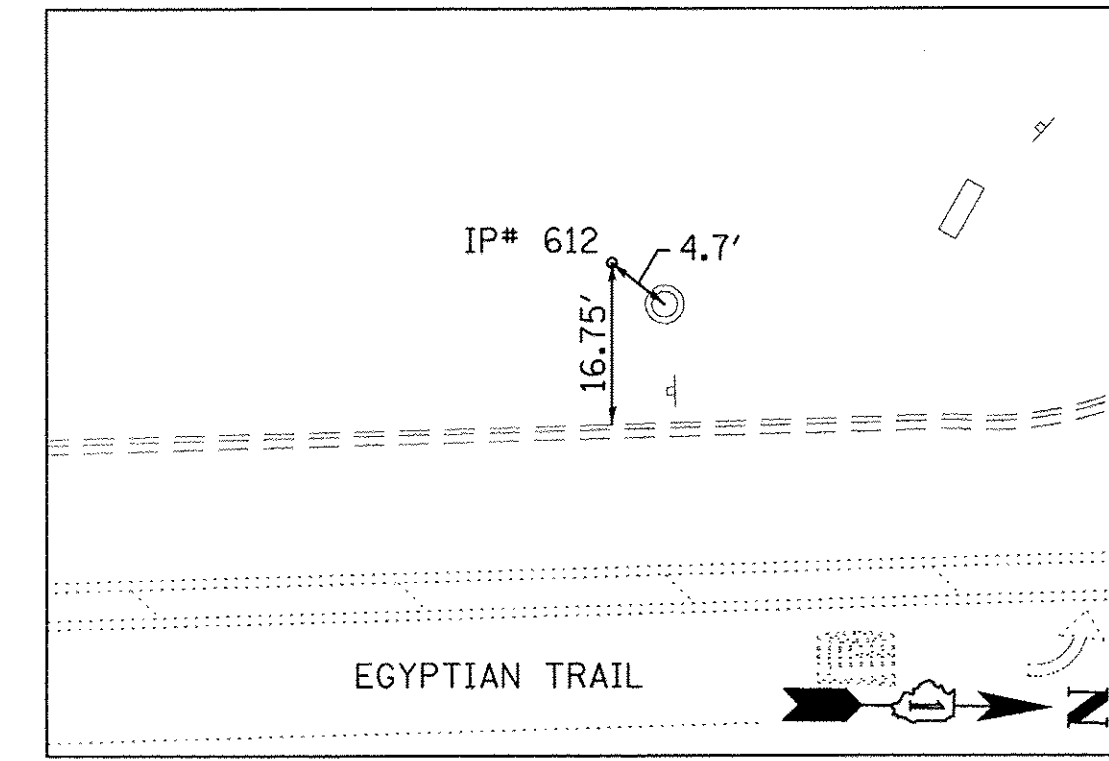
IRON PIPE #609
 STA 591+76.15, 32.94' RT
 N= 1733526.37
 E= 1144902.97



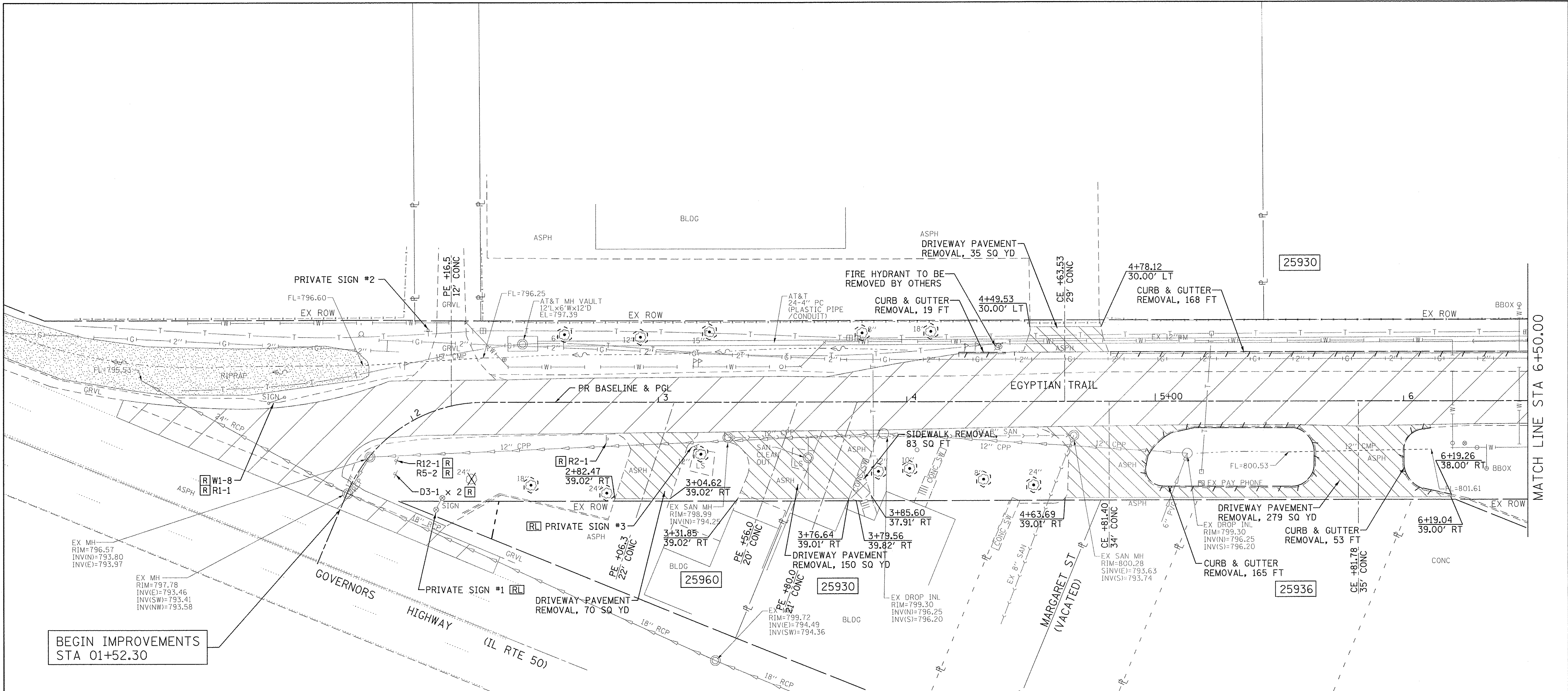
IRON ROD #610
 STA 594+05.87, 27.86' RT
 N= 1733756.01
 E= 1144894.87



IRON ROD #611
 STA 598+01.86, 40.79' RT
 N= 1734152.13
 E= 1144902.62



IRON PIPE #612
 STA 598+89.81, 39.99' LT
 N= 1734239.02
 E= 1144820.70



BEGIN IMPROVEMENTS
STA 01+52.30

EXISTING SIGN LEGEND:

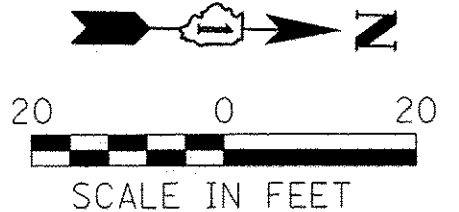
R1-1 30x30	R3-7R 30x30	R12-1 24x30	W3-1 30x30	W16-8P VARIESx8	12x18
R1-3P 18x16	R4-2 24x30	W1-2 30x30	W3-3 30x30	W16-8P VARIESx15	12x18
R2-1 24x30	R5-2 30x30	W1-8 18x24	W14-2 30x30	24x30	24x18
R3-7L 30x30				24x30	24x12

LEGEND:

	PAVEMENT REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	SIDEWALK REMOVAL
	COMB. C&G REMOVAL
	TREE REMOVAL
	SIGN ASSEMBLY TO BE REMOVED
	SIGN ASSEMBLY TO BE RELOCATED
	TREE TRUNK PROTECTION

NOTES:

- SEE DRAINAGE SHEETS FOR REMOVAL OF STORM SEWER, PIPE CULVERTS, INLETS, MANHOLES, AND OTHER DRAINAGE ITEMS.
- FIRE HYDRANTS TO BE REMOVED OR RELOCATED BY OTHERS.



Farnsworth GROUP
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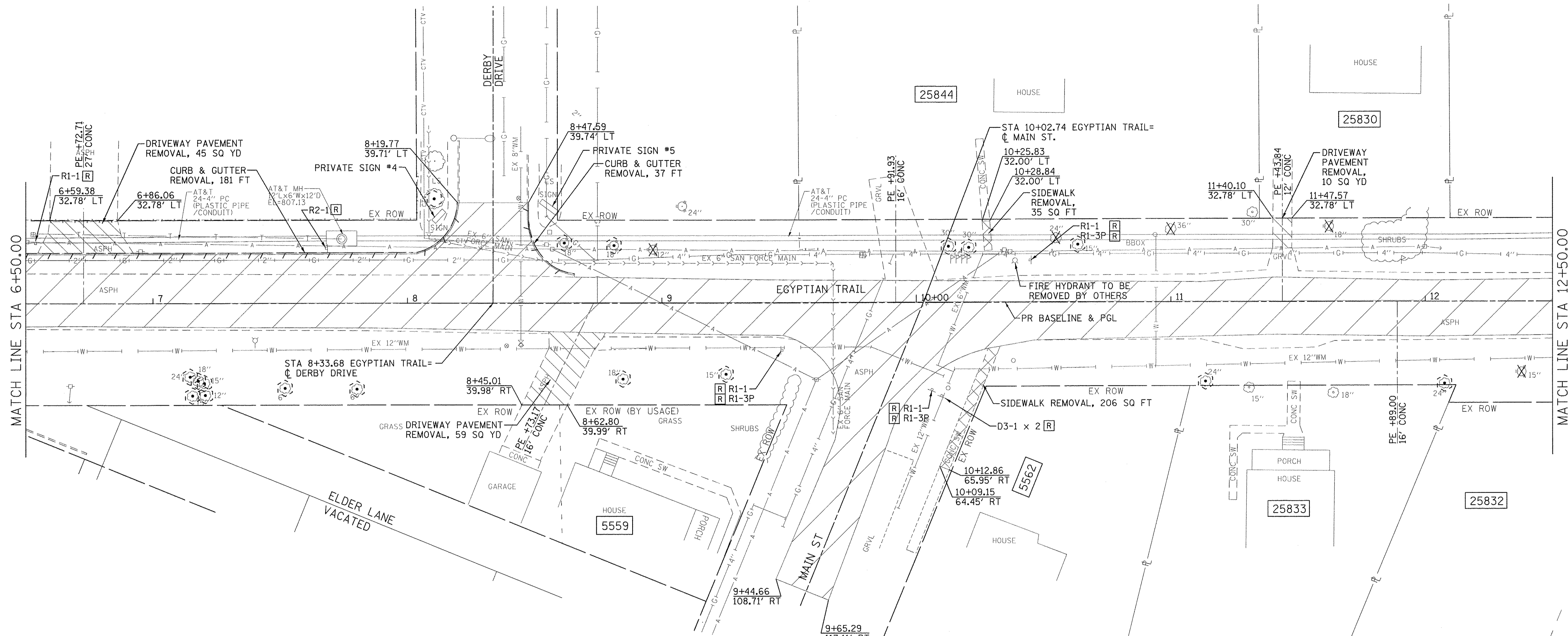
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PLLOT SCALE = 20.0000' / 1" =	DRAWN - DRR	REVISED -
PLLOT DATE = 6/24/2016	CHECKED - PSA	REVISED -
	DATE = 06/17/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN

SCALE: 1"=20' SHEET 1 OF 6 SHEETS STA. 1+52.30 TO STA. 6+50.00

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 30
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT M-9003(989)		



MATCH LINE STA 6+50.00

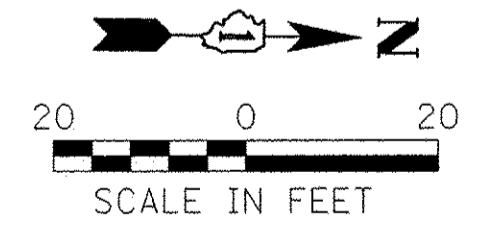
MATCH LINE STA 12+50.00

EXISTING SIGN LEGEND:

R1-1 30x30	R3-7R 30x30	R12-1 24x30	W3-1 30x30	W16-8P VARIESx8	12x18
R1-3P 18x16	R4-2 24x30	W1-2 30x30	W3-3 30x30	W16-8P VARIESx15	12x18
R2-1 24x30	R5-2 30x30	W1-8 18x24	W14-2 24x30	24x18	24x12
R3-7L 30x30					

LEGEND:

- PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- COMB. C&G REMOVAL
- TREE REMOVAL
- SIGN ASSEMBLY TO BE REMOVED
- SIGN ASSEMBLY TO BE RELOCATED
- TREE TRUNK PROTECTION



NOTES:

- SEE DRAINAGE SHEETS FOR REMOVAL OF STORM SEWER, PIPE CULVERTS, INLETS, MANHOLES, AND OTHER DRAINAGE ITEMS.
- FIRE HYDRANTS TO BE REMOVED OR RELOCATED BY OTHERS.

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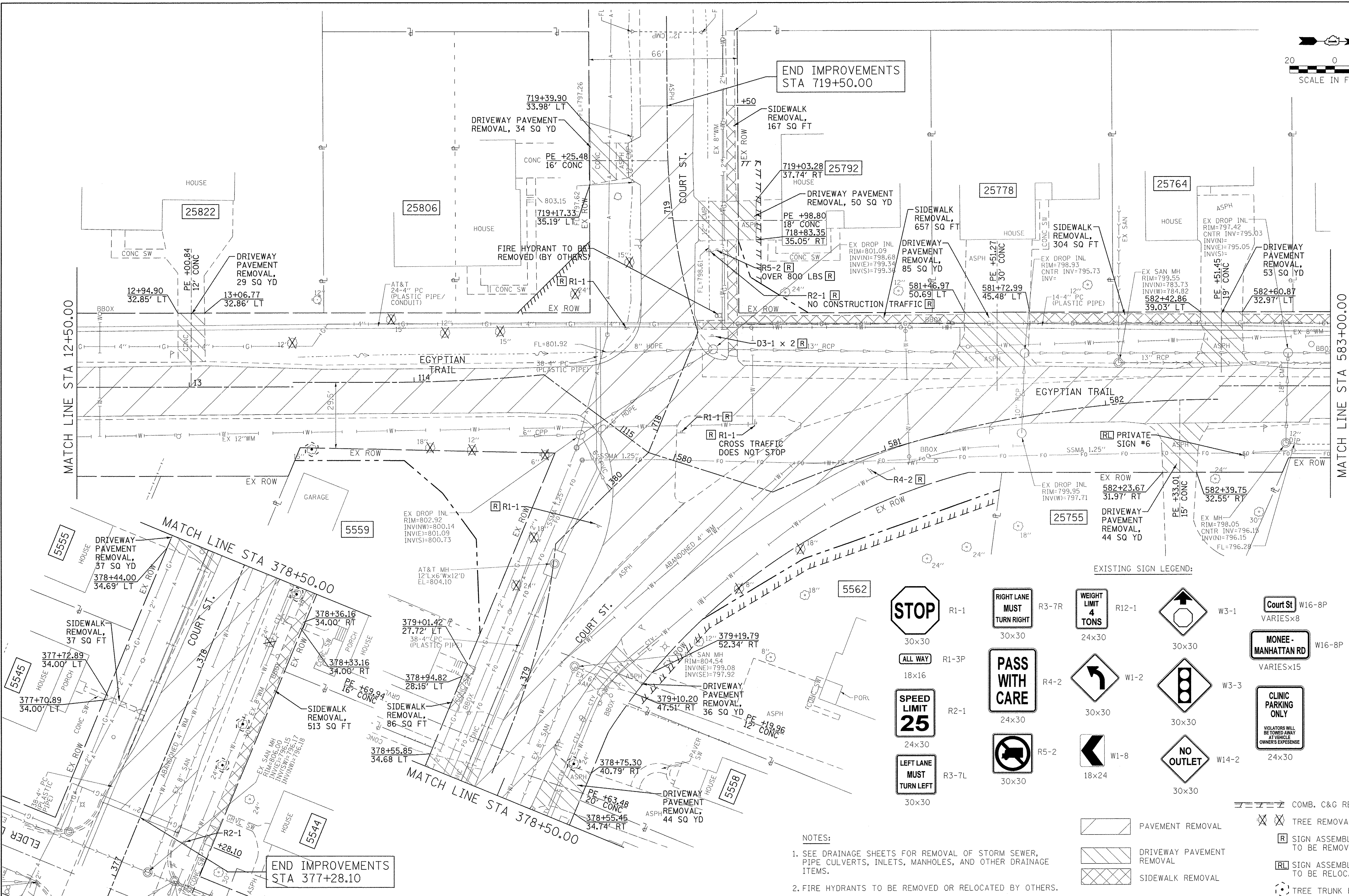
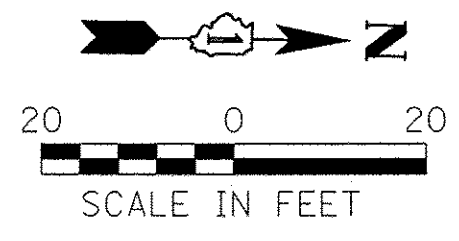
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	DATE - 06/17/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN

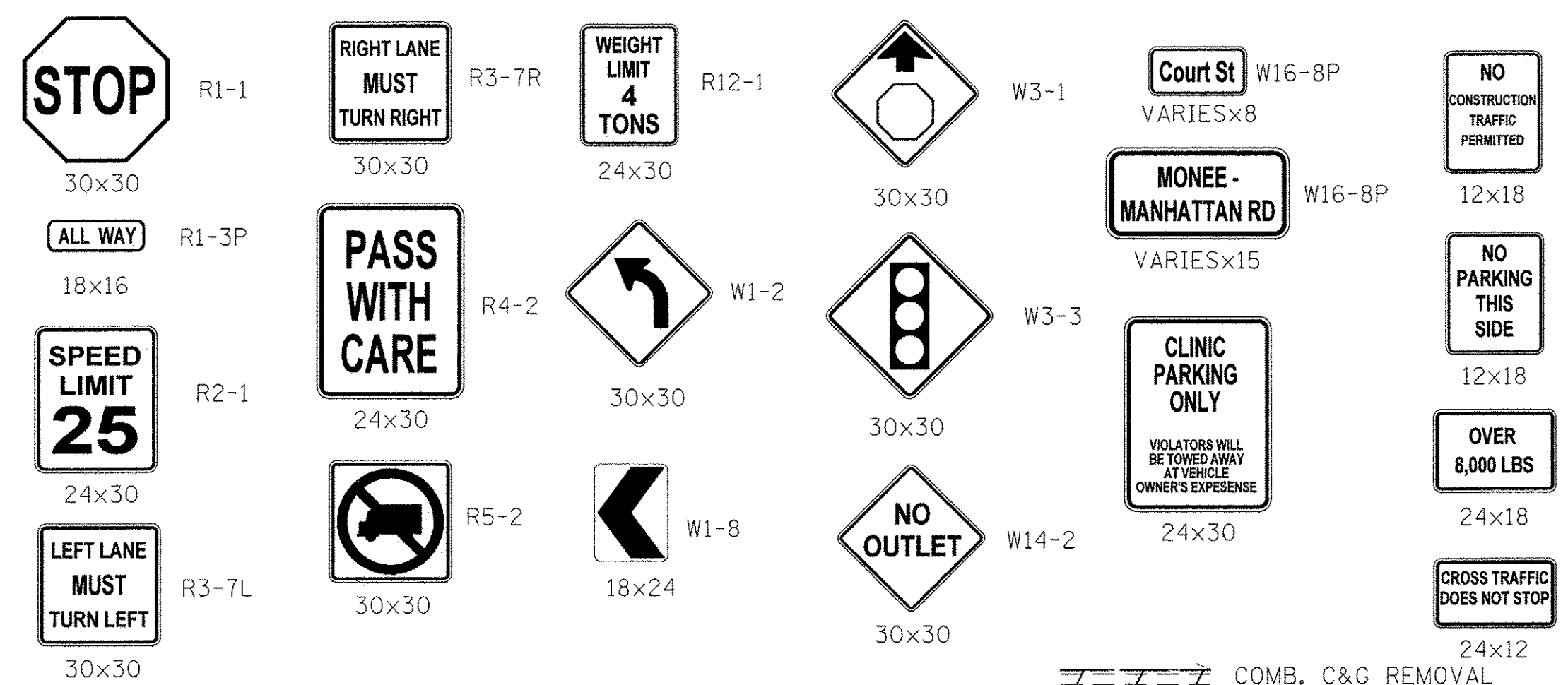
SCALE: 1"=20' SHEET 2 OF 6 SHEETS STA. 6+50.00 TO STA. 12+50.00

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 31
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-90031989				

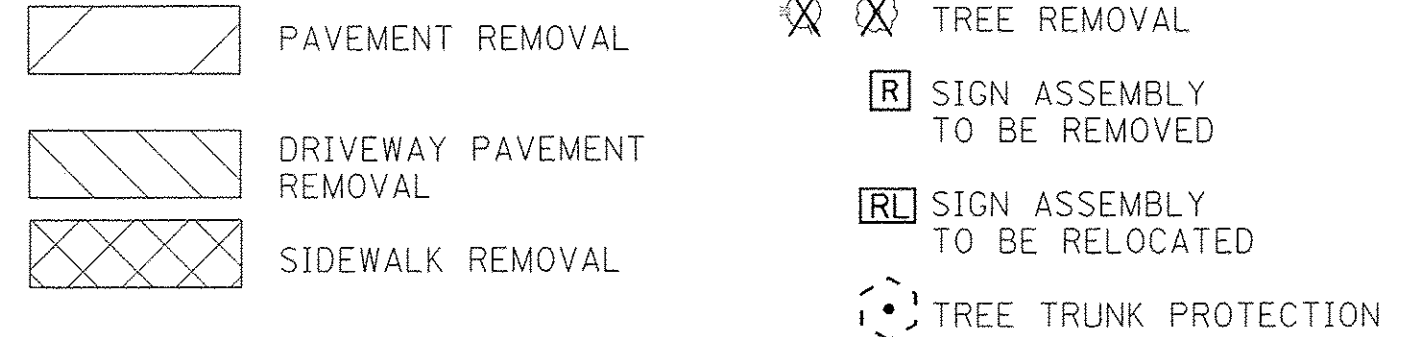


END IMPROVEMENTS
STA 719+50.00

END IMPROVEMENTS
STA 377+28.10



- NOTES:
- SEE DRAINAGE SHEETS FOR REMOVAL OF STORM SEWER, PIPE CULVERTS, INLETS, MANHOLES, AND OTHER DRAINAGE ITEMS.
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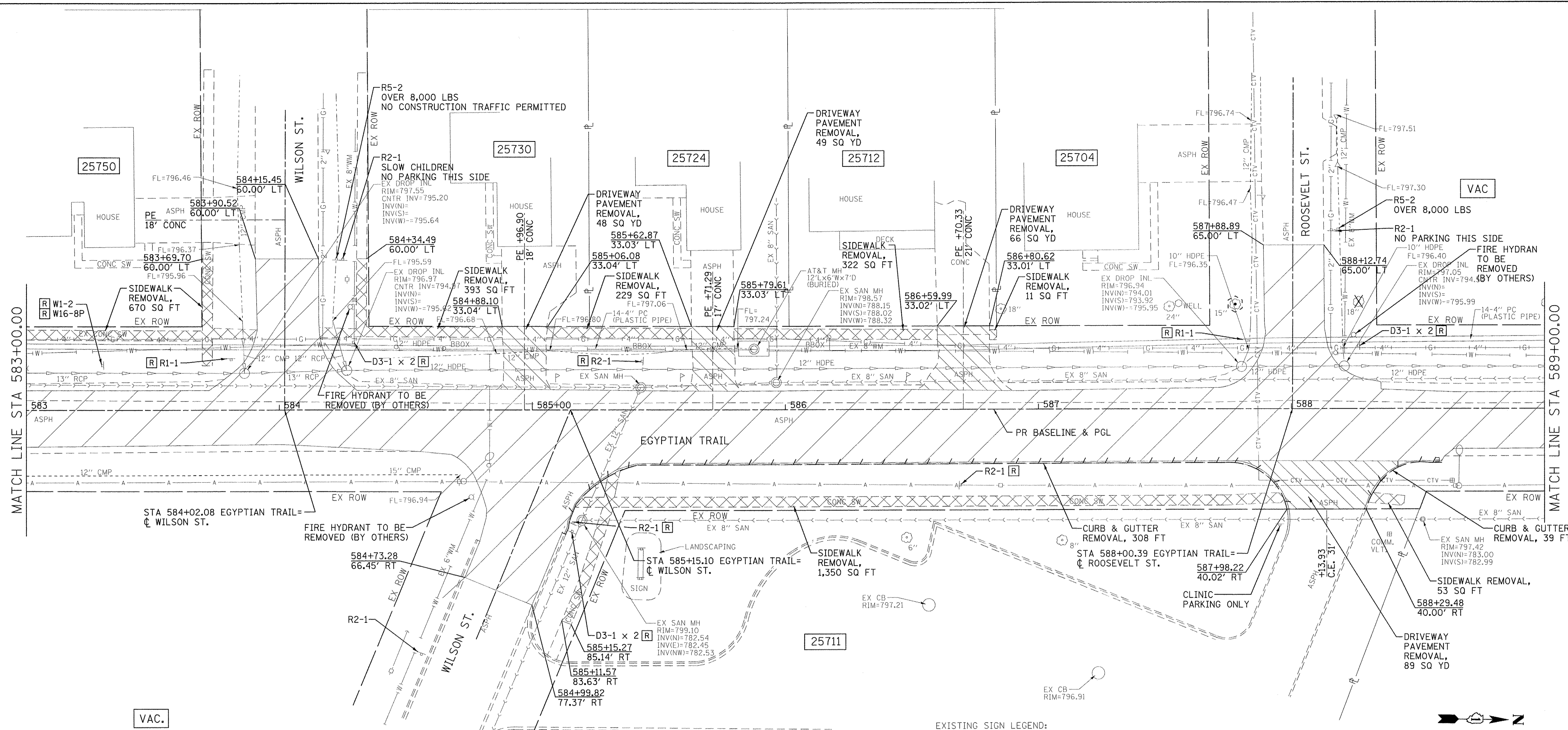
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PLLOT SCALE = 20.0000' / 1" =	DRAWN - DRR	REVISED -
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	DATE - 06/17/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

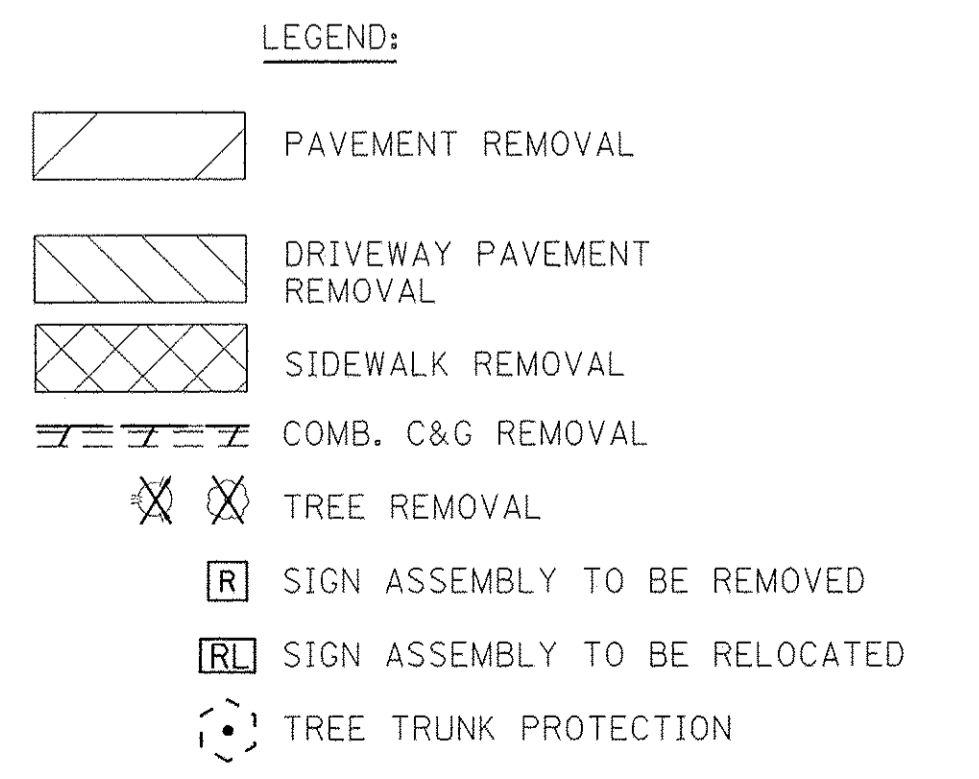
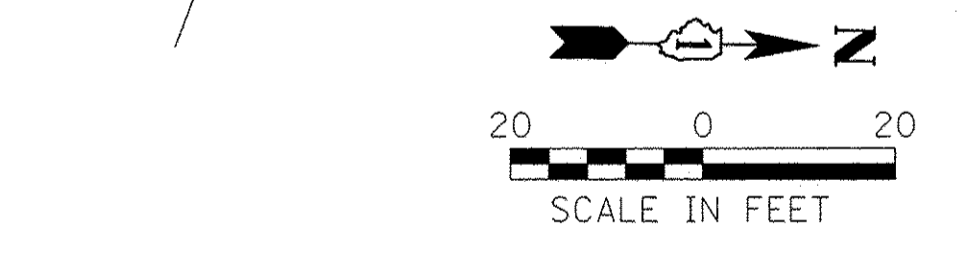
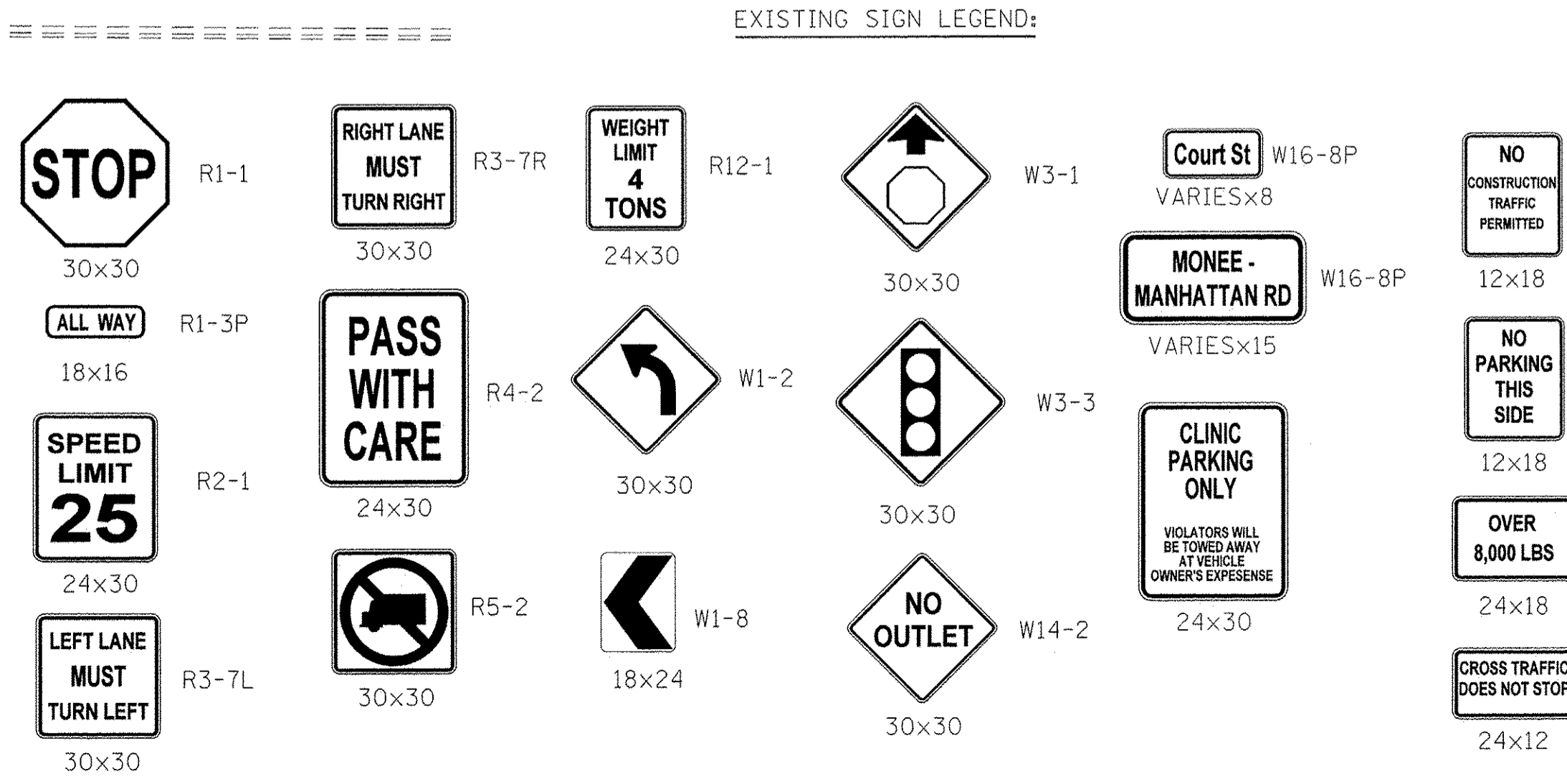
REMOVAL PLAN

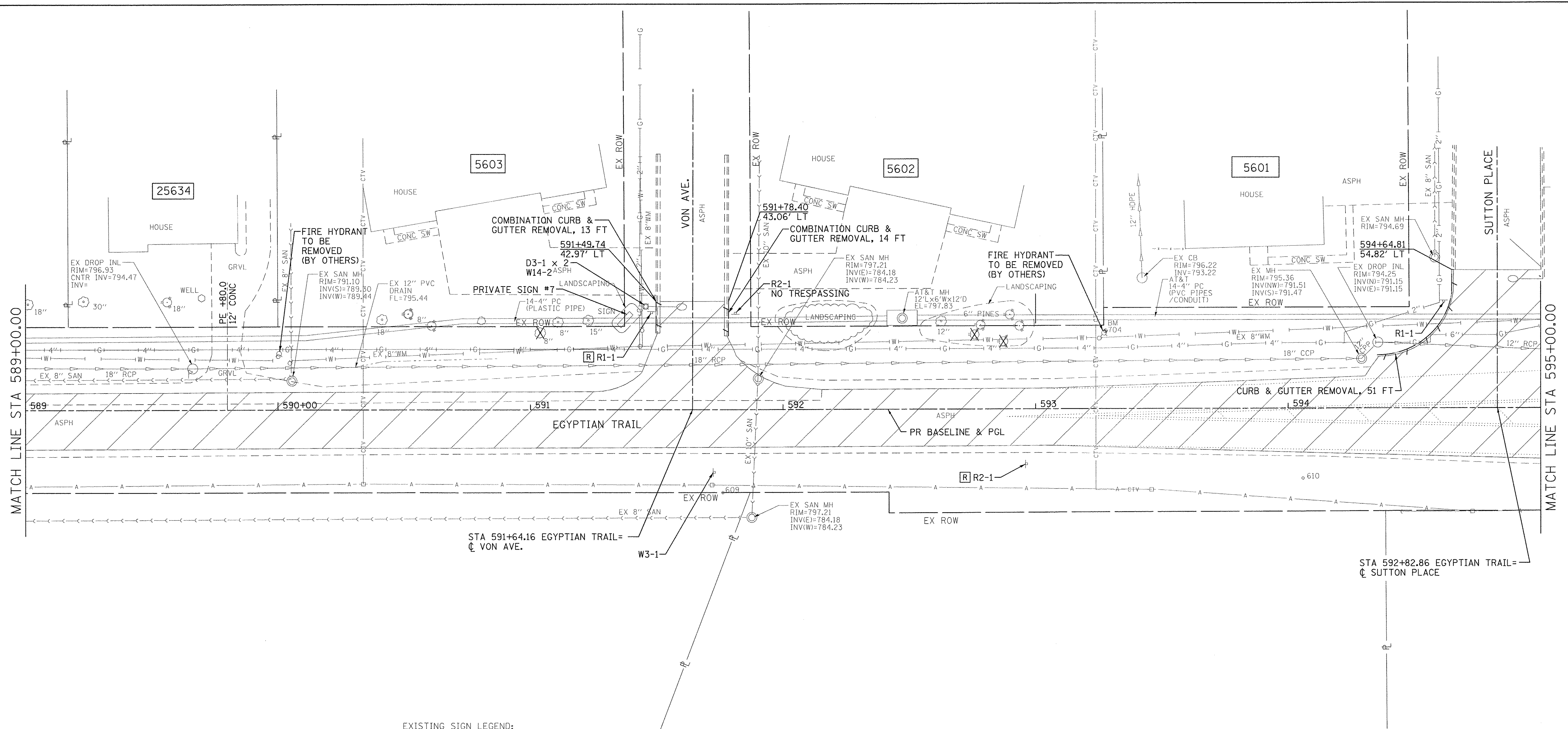
SCALE: 1"=20' SHEET 3 OF 6 SHEETS STA. 12+50.000 TO STA. 583+00.000

F.A.U. R.T.E. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 32
JOB NO. C-91-342-12	CONTRACT NO. 61C87			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	M-9003(989)		



- NOTES:
- SEE DRAINAGE SHEETS FOR REMOVAL OF STORM SEWER, PIPE CULVERTS, INLETS, MANHOLES, AND OTHER DRAINAGE ITEMS.
 - FIRE HYDRANTS TO BE REMOVED OR RELOCATED BY OTHERS.





EXISTING SIGN LEGEND:

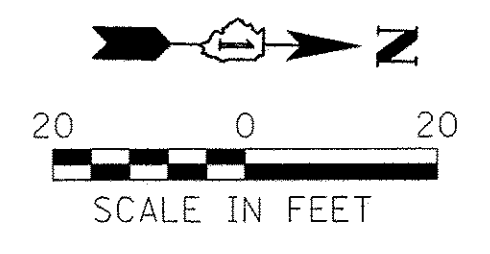
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	R1-3P		R4-2		W14-2		W16-8P		VARIESx15		24x18
	R2-1		R5-2		W14-2		12x18		24x30		24x12
	R3-7L		R5-2		W14-2		12x18		24x30		

LEGEND:

	PAVEMENT REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	SIDEWALK REMOVAL
	COMB. C&G REMOVAL
	TREE REMOVAL
	SIGN ASSEMBLY TO BE REMOVED
	SIGN ASSEMBLY TO BE RELOCATED
	TREE TRUNK PROTECTION

NOTES:

- SEE DRAINAGE SHEETS FOR REMOVAL OF STORM SEWER, PIPE CULVERTS, INLETS, MANHOLES, AND OTHER DRAINAGE ITEMS.
- FIRE HYDRANTS TO BE REMOVED OR RELOCATED BY OTHERS.



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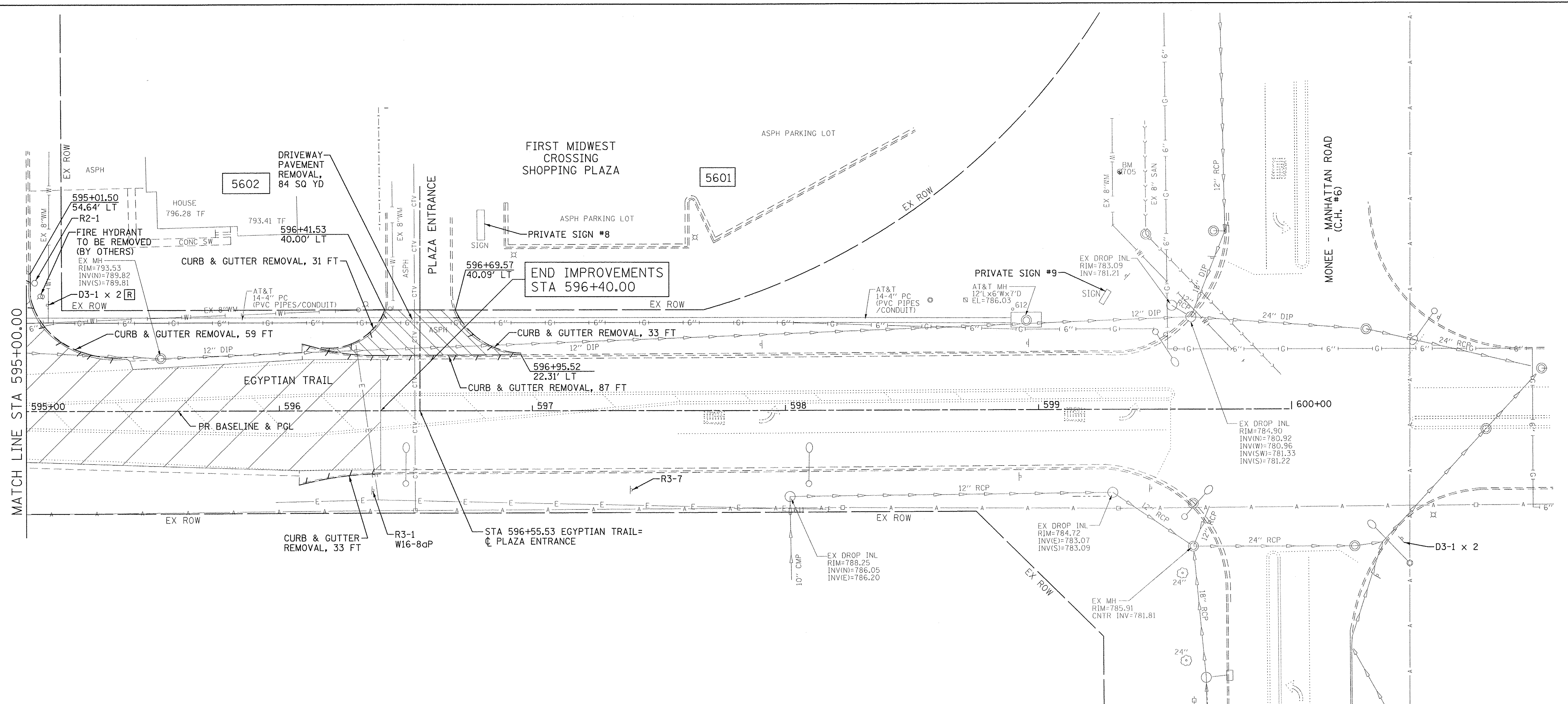
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PLOT DATE = 6/24/2016	CHECKED - PSA	REVISED -
	DATE - 06/17/16	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN

SCALE: 1"=20' SHEET 5 OF 6 SHEETS STA. 589+00.000 TO STA. 595+00.000

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 34
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT M-900319891		



EXISTING SIGN LEGEND:

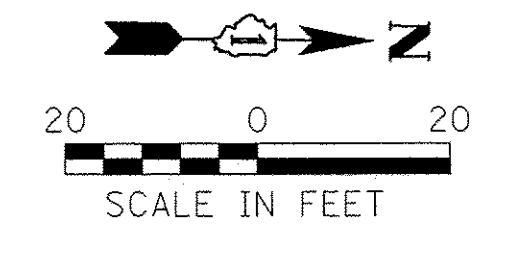
R1-1 30x30	R3-7R 30x30	R12-1 24x30	W3-1 30x30	W16-8P VARIESx8	12x18
R1-3P 18x16	R4-2 24x30	W1-2 30x30	W16-8P VARIESx15	12x18	12x18
R2-1 24x30	R5-2 30x30	W14-2 30x30	24x30	24x18	24x18
R3-7L 30x30	W1-8 18x24	W14-2 30x30	12x18	24x12	24x12

LEGEND:

	PAVEMENT REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	SIDEWALK REMOVAL
	COMB. C&G REMOVAL
	TREE REMOVAL
	SIGN ASSEMBLY TO BE REMOVED
	SIGN ASSEMBLY TO BE RELOCATED
	TREE TRUNK PROTECTION

NOTES:

- SEE DRAINAGE SHEETS FOR REMOVAL OF STORM SEWER, PIPE CULVERTS, INLETS, MANHOLES, AND OTHER DRAINAGE ITEMS.
- FIRE HYDRANTS TO BE REMOVED OR RELOCATED BY OTHERS.



Farnsworth GROUP
1144 W. JEFFERSON STREET
SHOREWOOD, ILLINOIS 60404
(815) 744-6940 / info@fw.com

USER NAME = dmayer	DESIGNED - YOS	REVISED -
PLLOT SCALE = 20.0000' / 1" =	DRAWN - DRR	REVISED -
PLLOT DATE = 6/24/2016	CHECKED - PSA	REVISED -
	DATE - 06/17/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

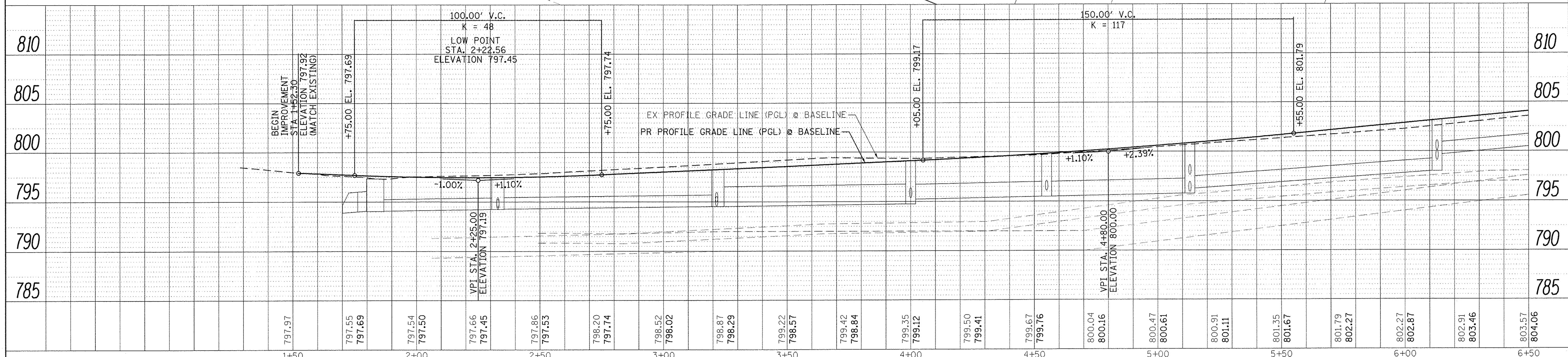
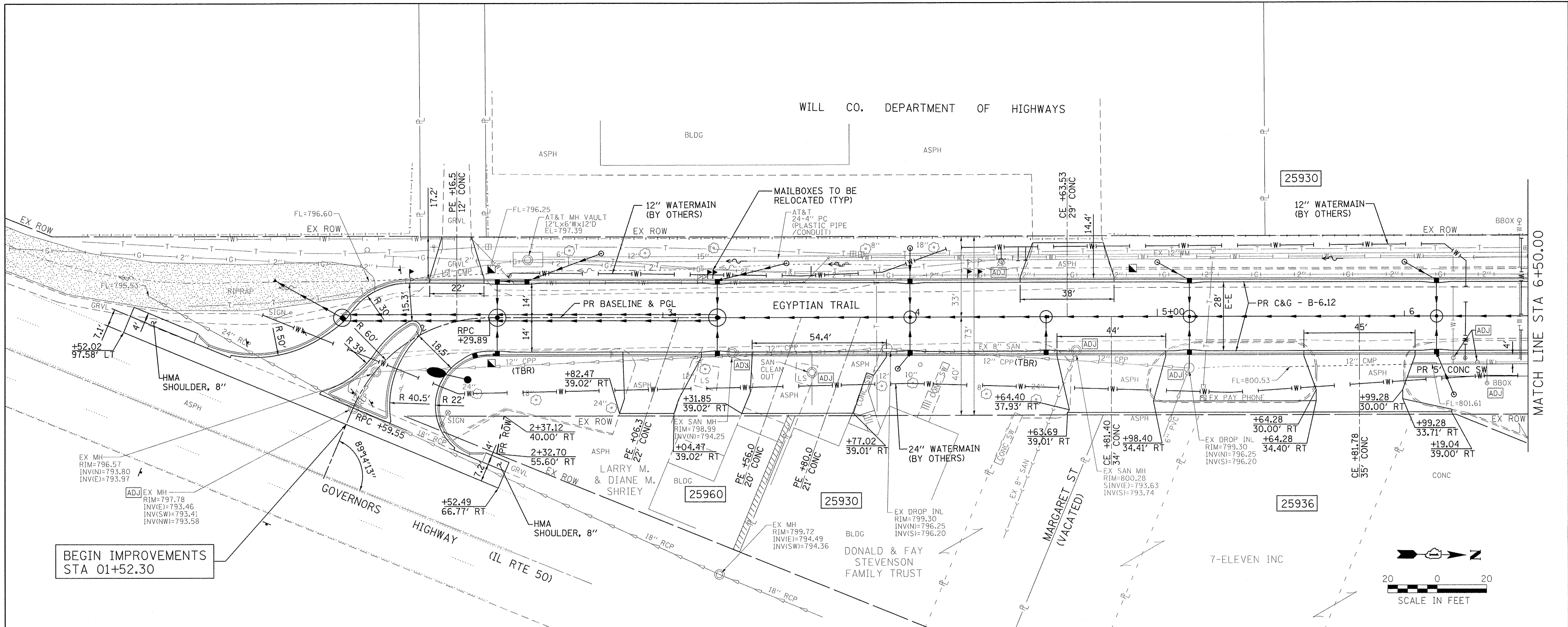
REMOVAL PLAN

SCALE: 1"=20' SHEET 6 OF 6 SHEETS STA. 595+00.000 TO STA. 596+40.000

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 35
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT M-9003(989)				

BY	DATE
SURVEYED	
ALIGNED	
CHECKED	
RT. OF WAY CHECKED	
NO. /	
CAUD FILE NAME	

BY	DATE
SURVEYED	
PLotted	
CHECKED	
BAW NOTED	
STRUCTURE NOTATIONS	CPRD
NO. /	



1+50	2+00	2+50	3+00	3+50	4+00	4+50	5+00	5+50	6+00	6+50										
797.97	797.55 797.69	797.54 797.50	797.66 797.45	797.86 797.53	798.20 797.74	798.52 798.02	798.87 798.29	799.22 798.57	799.42 798.84	799.35 799.12	799.50 799.41	799.67 799.76	800.04 800.16	800.47 800.61	800.91 801.11	801.35 801.67	801.79 802.27	802.27 802.87	802.91 803.46	803.57 804.06

Farnsworth GROUP
1144 W. JEFFERSON STREET
SHOREWOOD, ILLINOIS 60404
(815) 744-6940 / info@fw.com

USER NAME - dmayer	DESIGNED - YOS	REVISED -
PLOT SCALE = 20.0000' / 1" =	DRAWN - DRR	REVISED -
PLOT DATE = 6/24/2016	CHECKED - PSA	REVISED -
	DATE = 06/17/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

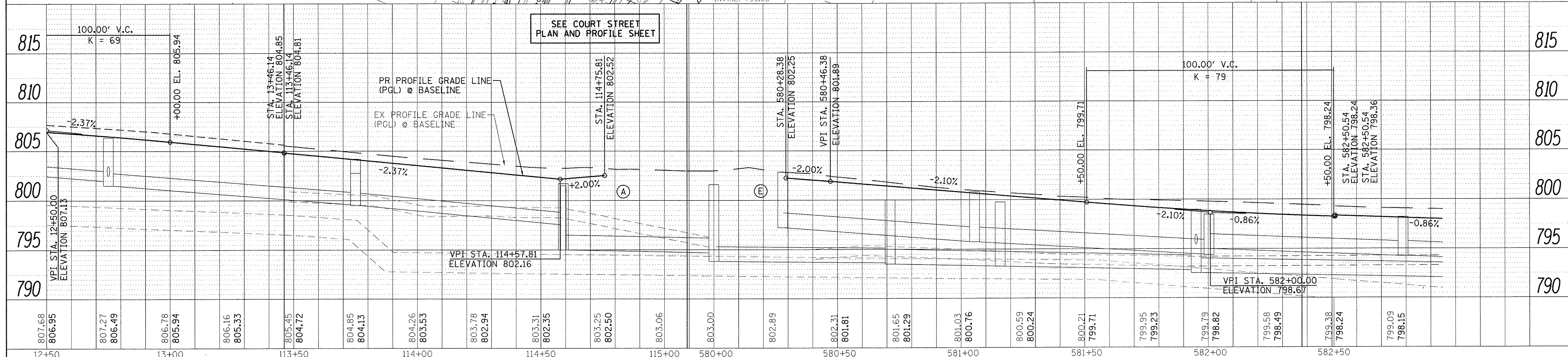
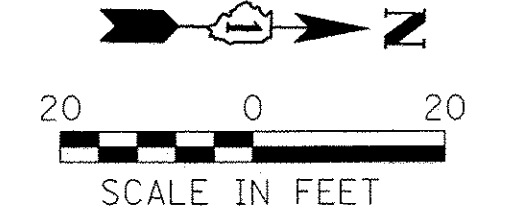
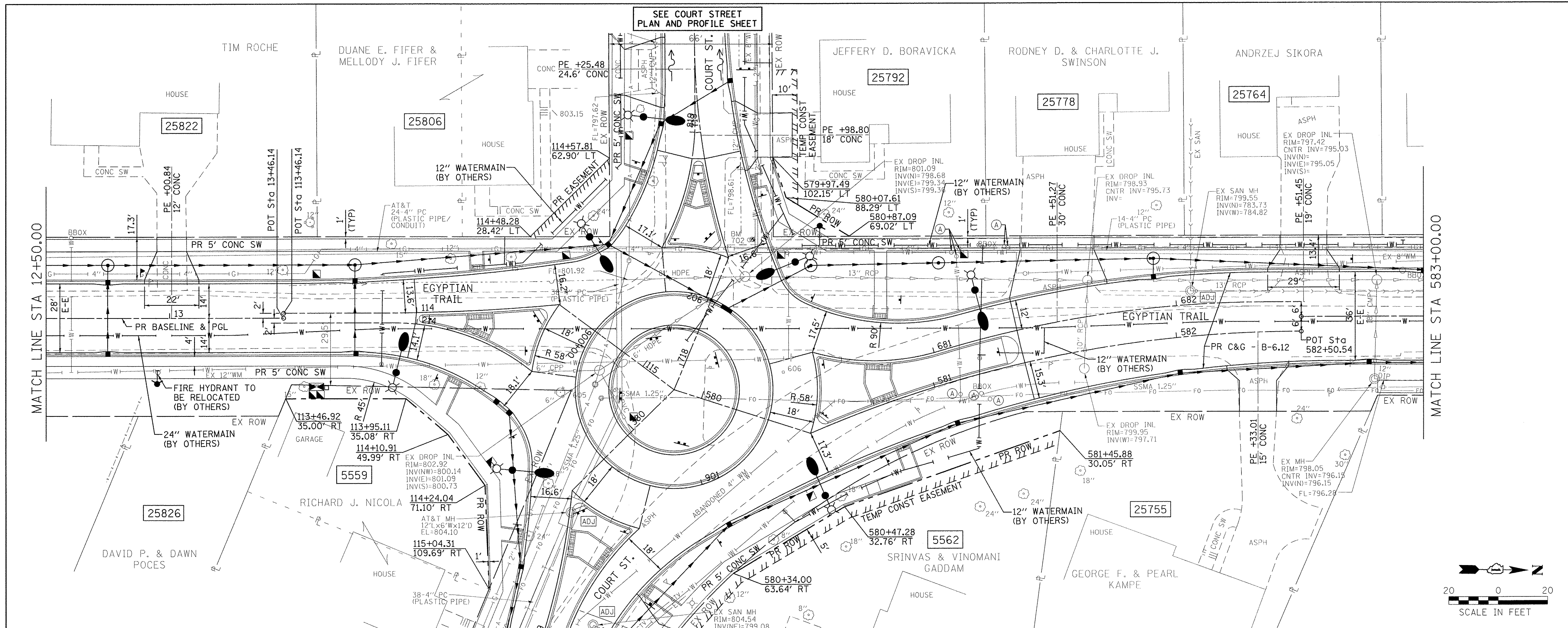
**EGYPTIAN TRAIL
PLAN & PROFILE**

SCALE: 1" = 20' SHEET 1 OF 9 SHEETS STA. 01+52.30 TO STA. 06+50.00

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 36
JOB NO. C-91-342-12	CONTRACT NO. 61C87		M-9003(989)	

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

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

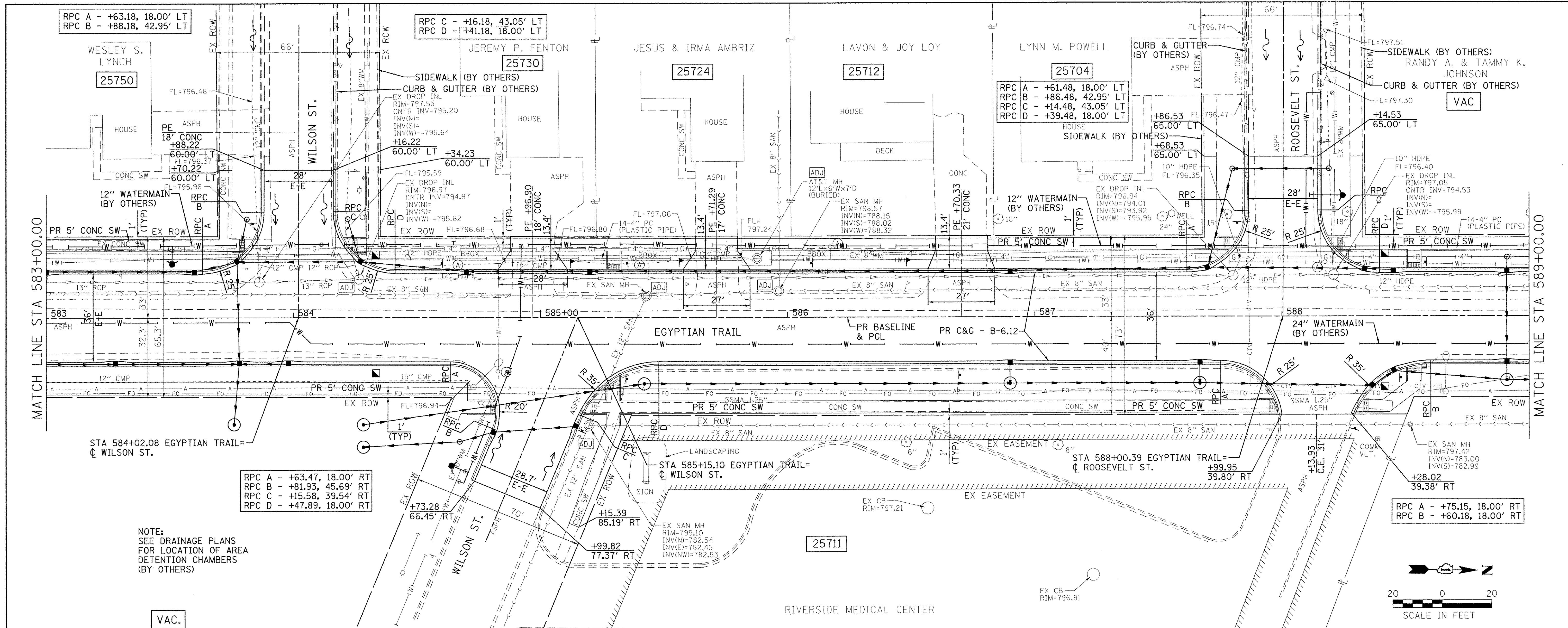


807.68 806.95	807.27 806.49	806.78 805.94	806.16 805.33	805.45 804.72	804.85 804.13	804.26 803.53	803.78 802.94	803.31 802.35	803.25 802.50	803.06	803.00	802.89	802.31 801.81	801.65 801.29	801.03 800.76	800.59 800.24	800.21 799.71	799.95 799.23	799.79 799.82	799.58 799.49	799.38 799.24	799.09 799.15
12+50	13+00	113+50	114+00	114+50	115+00	580+00	580+50	581+00	581+50	582+00	582+50											

Farnsworth GROUP 1144 W. JEFFERSON STREET SHOREWOOD, ILLINOIS 60404 (815) 744-6940 / info@f-w.com	USER NAME = dmeyer PLOT SCALE = 20.0000' / in. PLOT DATE = 6/24/2016	DESIGNED - YOS DRAWN - DRR CHECKED - PSA DATE - 06/17/16	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EGYPTIAN TRAIL PLAN & PROFILE SCALE: 1" = 20' SHEET 3 OF 9 SHEETS STA. 12+50.00 TO STA. 583+00.00	F.A.U. RTE. 2966 SECTION 12-00024-00-FP COUNTY WILL JOB NO. C-91-342-12 CONTRACT NO. 61C87 FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT M-90031989	TOTAL SHEETS 129 SHEET NO. 38
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DATE	
BY	
PLANNED	
CHECKED	
NO. OF WAY CHECKED	
CADD FILE NAME	
NO.	

DATE	
BY	
PROFILING	
PLANNED	
CHECKED	
NO. OF WAY CHECKED	
STRUCTURE NOTATIONS CRKD	
NO.	



STA 584+02.08 EGYPTIAN TRAIL =
 C WILSON ST.

RPC A - +63.47, 18.00' RT
 RPC B - +81.93, 45.69' RT
 RPC C - +15.58, 39.54' RT
 RPC D - +47.89, 18.00' RT

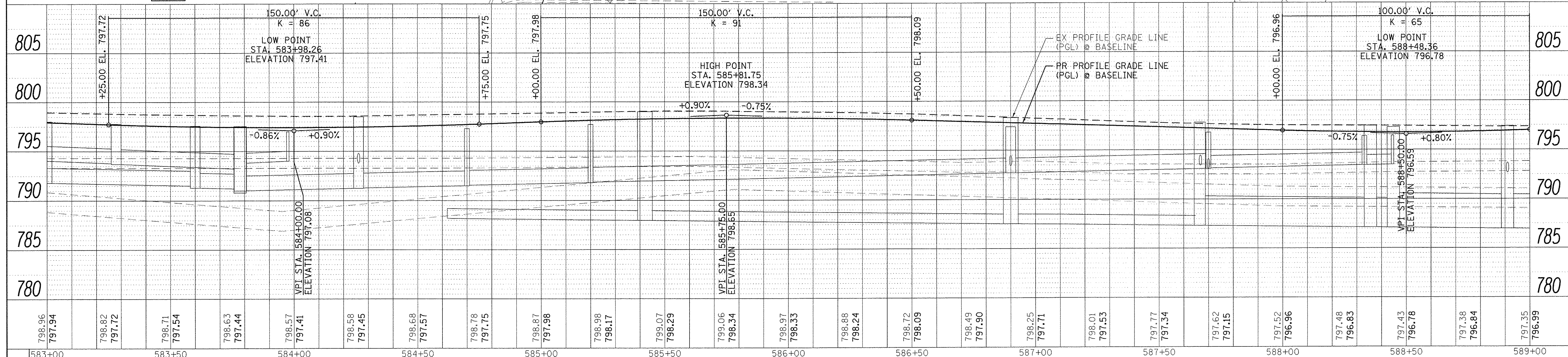
NOTE:
 SEE DRAINAGE PLANS
 FOR LOCATION OF AREA
 DETENTION CHAMBERS
 (BY OTHERS)

VAC.

STA 585+15.10 EGYPTIAN TRAIL =
 C WILSON ST.

STA 588+00.39 EGYPTIAN TRAIL =
 C ROOSEVELT ST.

RPC A - +75.15, 18.00' RT
 RPC B - +60.18, 18.00' RT



798.96	797.94	798.82	797.72	798.71	797.54	798.63	797.44	798.57	797.41	798.58	797.45	798.68	797.57	798.78	797.75	798.87	797.98	798.98	798.17	799.07	798.29	799.06	798.34	798.97	798.33	798.88	798.24	798.72	798.09	798.49	797.90	798.25	797.71	798.01	797.53	797.77	797.34	797.62	797.15	797.52	796.96	797.48	796.83	797.43	796.78	797.38	796.84	797.35	796.99
583+00		583+50		584+00		584+50		585+00		585+50		586+00		586+50		587+00		587+50		588+00		588+50		589+00																									

Farnsworth GROUP
 1144 W. JEFFERSON STREET
 SHOREWOOD, ILLINOIS 60404
 (815) 744-6940 / info@f-g.com

USER NAME = dneyer	DESIGNED - YOS	REVISED -
DRAWN - DRR	CHECKED - PSA	REVISED -
PLOT SCALE = 20.0000' / 1"	DATE - 06/17/16	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

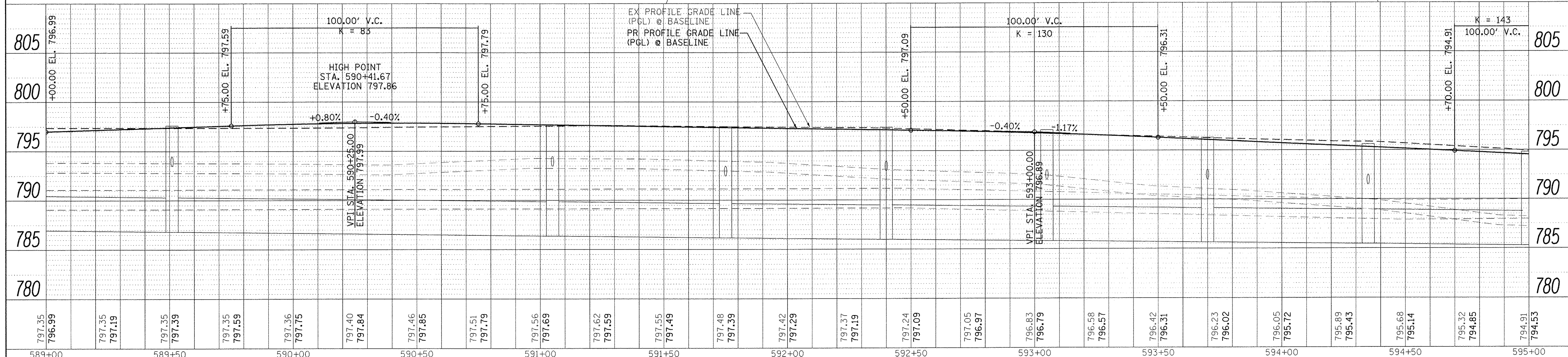
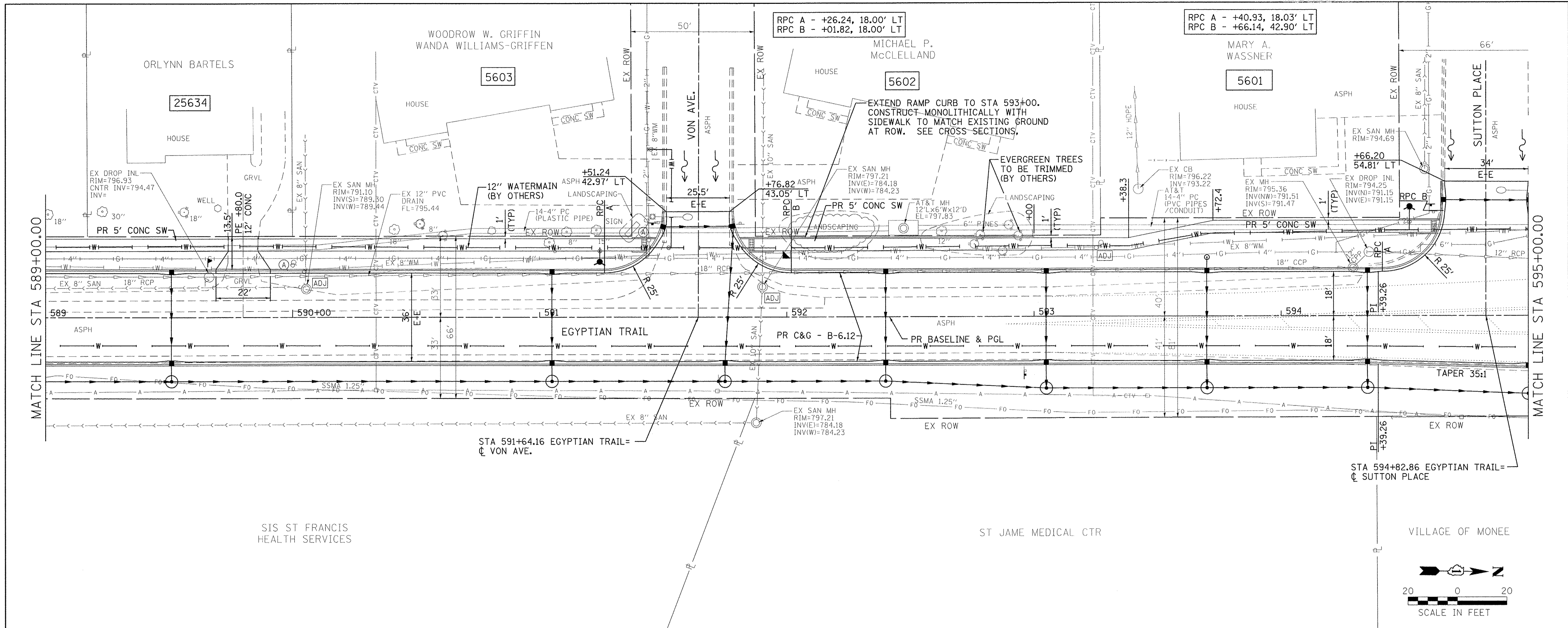
EGYPTIAN TRAIL
 PLAN & PROFILE

SCALE: 1" = 20' SHEET 4 OF 9 SHEETS STA. 583+00.00 TO STA. 589+00.00

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 39
JOB NO. C-91-342-12	CONTRACT NO. 61C87		M-90031989	

PLAN	SURVEYED	DATE
	ALIGNED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLotted	
	BY	
	NO. OF WAY CHECKED	
	STRUCTURE NOTATIONS CRKD	



797.35 796.99	797.35 797.19	797.35 797.39	797.35 797.59	797.36 797.75	797.40 797.84	797.46 797.85	797.51 797.79	797.56 797.69	797.62 797.59	797.55 797.49	797.48 797.39	797.42 797.29	797.37 797.19	797.24 797.09	797.05 796.97	796.83 796.79	796.58 796.57	796.42 796.31	796.23 796.02	796.05 795.72	795.89 795.43	795.68 795.14	795.32 794.85	794.91 794.53
589+00	589+50	590+00	590+50	591+00	591+50	592+00	592+50	593+00	593+50	594+00	594+50	595+00												

Farnsworth GROUP
1144 W. JEFFERSON STREET
SHOREWOOD, ILLINOIS 60404
(815) 744-6940 / info@f-w.com

USER NAME = dmayer	DESIGNED - YOS	REVISED -
PLotted SCALE = 20.0000' / 1"	DRAWN - DRR	REVISED -
PLotted DATE = 6/24/2016	CHECKED - PSA	REVISED -
	DATE - 06/17/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

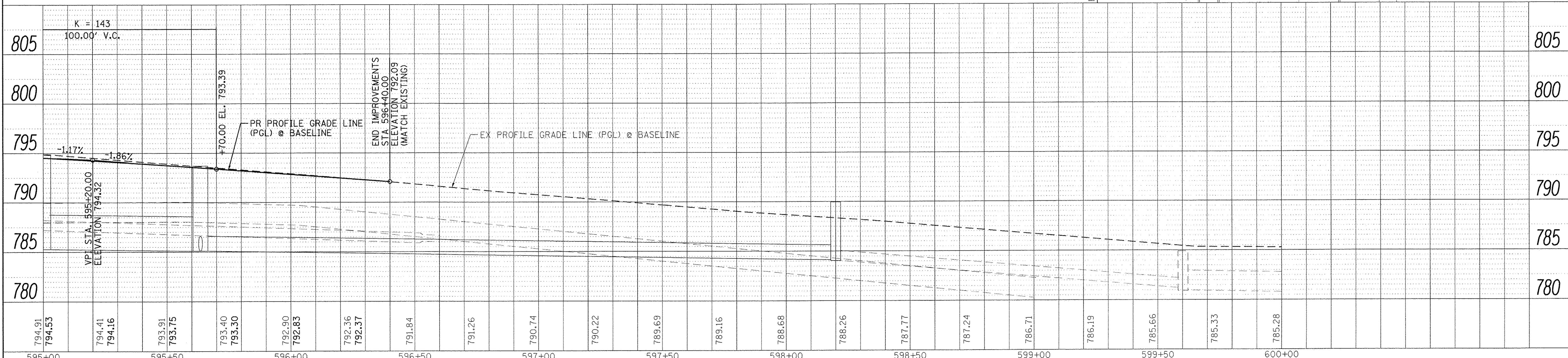
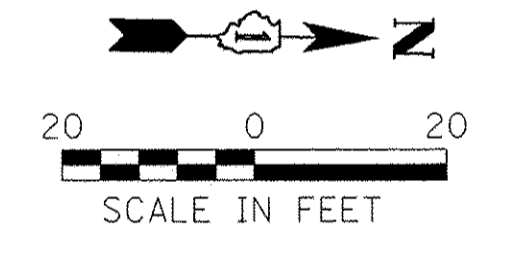
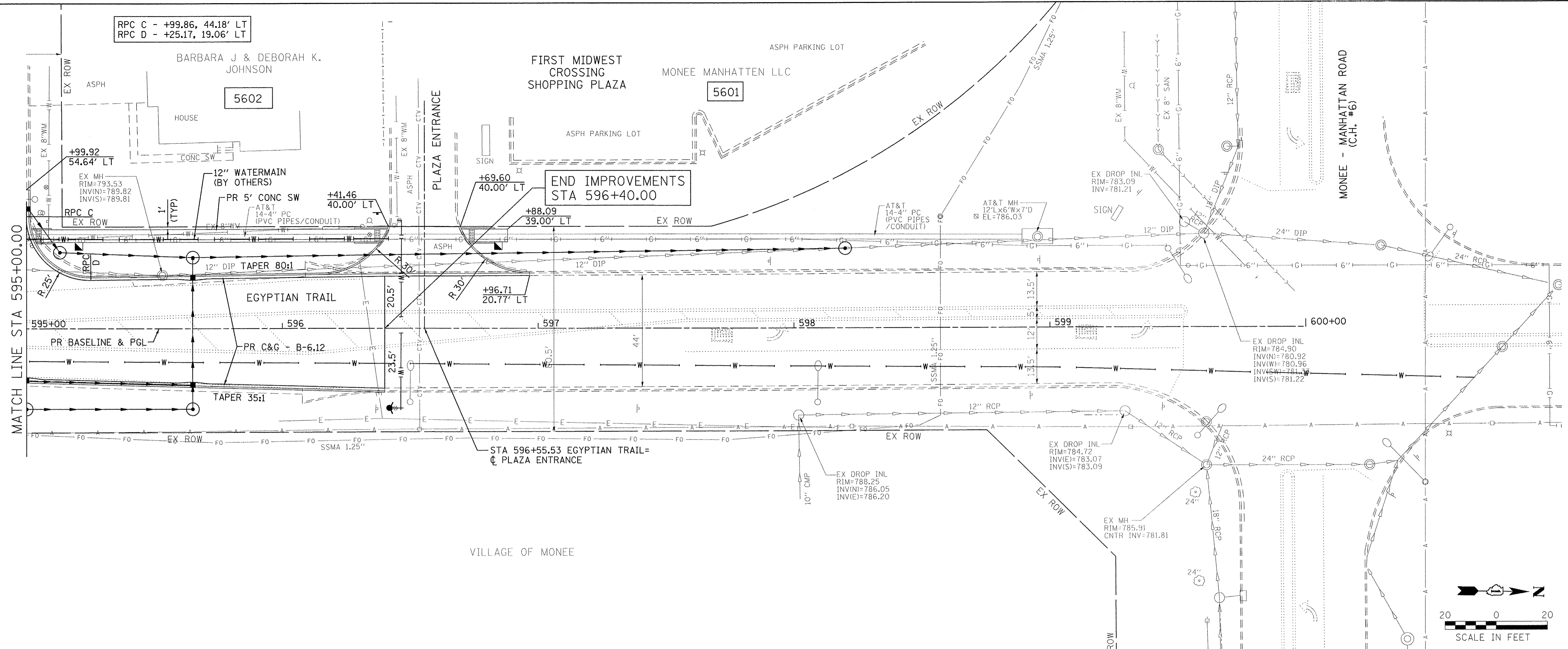
**EGYPTIAN TRAIL
PLAN & PROFILE**

SCALE: 1" = 20' SHEET 5 OF 9 SHEETS STA. 589+00.00 TO STA. 595+00.00

F.A.U. R.T.E. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 40
JOB NO. C-91-342-12	CONTRACT NO. 61C87			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	M-9003(989)		

PLAN	SURVEYED	BY	DATE
	ALIGNED		
	CHECKED		
	RT. OF WAY		
	CHECKED		
	NO.		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	BY		
	NOTED		
	NO.		
	STRUCTURE		
	NOTATIONS		
	CHKD		



794.91	794.53	794.41	794.16	793.91	793.75	793.40	793.30	792.90	792.83	792.36	792.37	791.84	791.26	790.74	790.22	789.69	789.16	788.68	788.26	787.77	787.24	786.71	786.19	785.66	785.33	785.28
595+00		595+50		596+00		596+50		597+00		597+50		598+00		598+50		599+00		599+50		600+00						

Farnsworth GROUP
 114 W. JEFFERSON STREET
 SHOREWOOD, ILLINOIS 60404
 (815) 744-6940 / info@fsw.com

USER NAME = dmeyer
 DESIGNED - YOS
 DRAWN - DRR
 CHECKED - PSA
 DATE - 06/17/16

REVISED -
 REVISED -
 REVISED -
 REVISED -

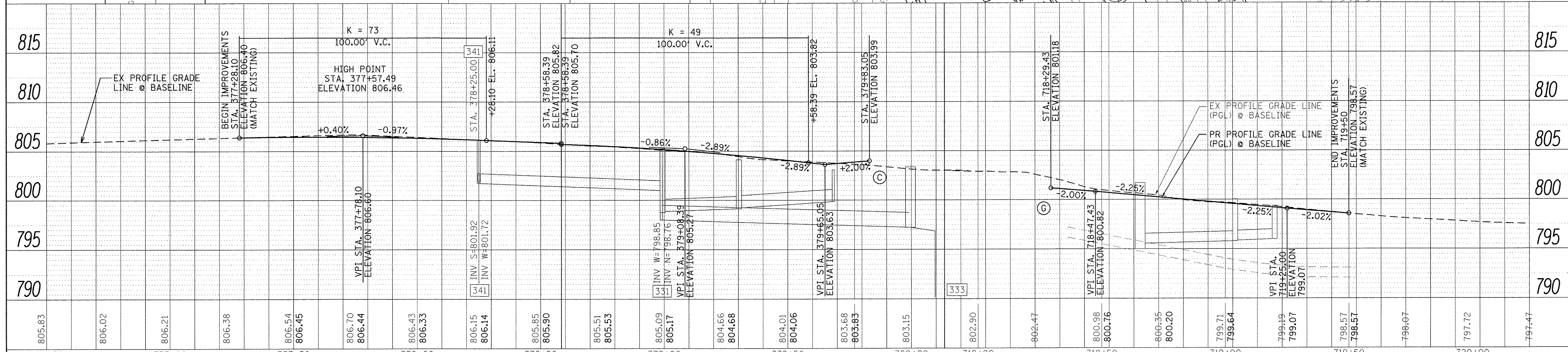
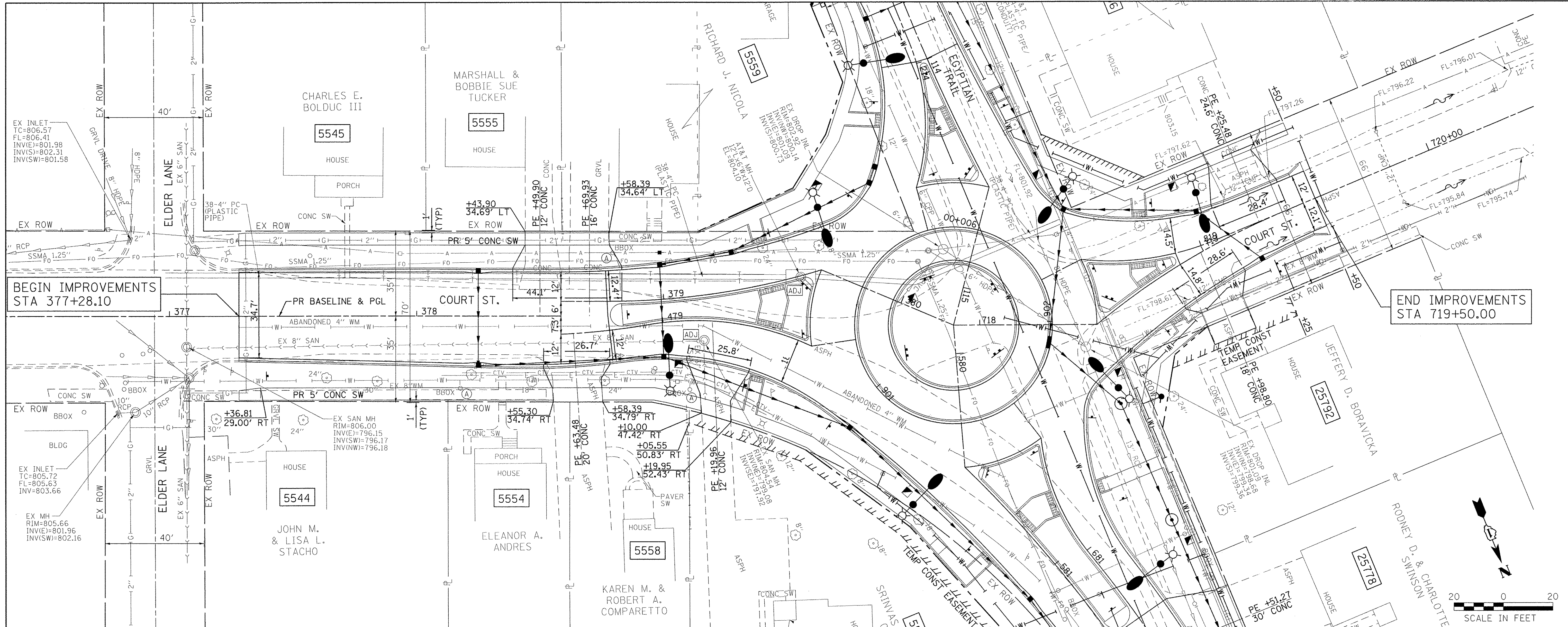
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EGYPTIAN TRAIL
 PLAN & PROFILE**
 SCALE: 1" = 20'
 SHEET 6 OF 9 SHEETS
 STA. 595+00.00 TO STA. 596+40.00

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 41
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT M-90031989		

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

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



805.83	806.02	806.21	806.38	806.54	806.45	806.70	806.44	806.43	806.33	806.15	806.14	805.85	805.90	805.51	805.53	805.09	805.17	804.66	804.68	804.01	804.06	803.68	803.83	803.15	802.90	802.47	800.98	800.76	800.35	800.20	799.71	799.64	799.19	799.07	798.57	798.57	798.07	797.72	797.47
376+50	377+00	377+50	378+00	378+50	379+00	379+50	380+00	718+00	718+50	800+35	800+20	799+71	799+64	799+19	799+07	798+57	798+57	798+07	797+72	797+47																			

Farnsworth GROUP
 1144 W. JEFFERSON STREET
 SHOREWOOD, ILLINOIS 60404
 (815) 744-6940 / info@f-w.com

USER NAME = dmeyer
 DESIGNED - YOS
 DRAWN - DRR
 CHECKED - PSA
 DATE - 06/17/16

REVISED -
 REVISED -
 REVISED -
 REVISED -

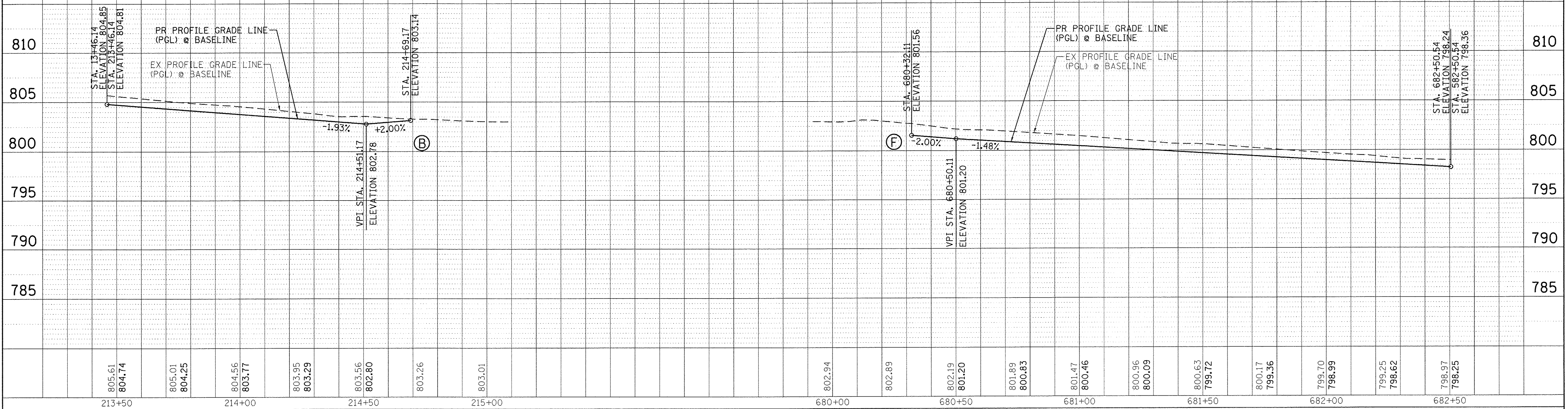
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**COURT STREET
 PLAN & PROFILE**
 SCALE: 1" = 20' SHEET 7 OF 9 SHEETS STA. 377+28.10 TO STA. 719+50.00

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 125	SHEET NO. 42
JOB NO. C-91-342-12	CONTRACT NO. 61C87		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-900319893	

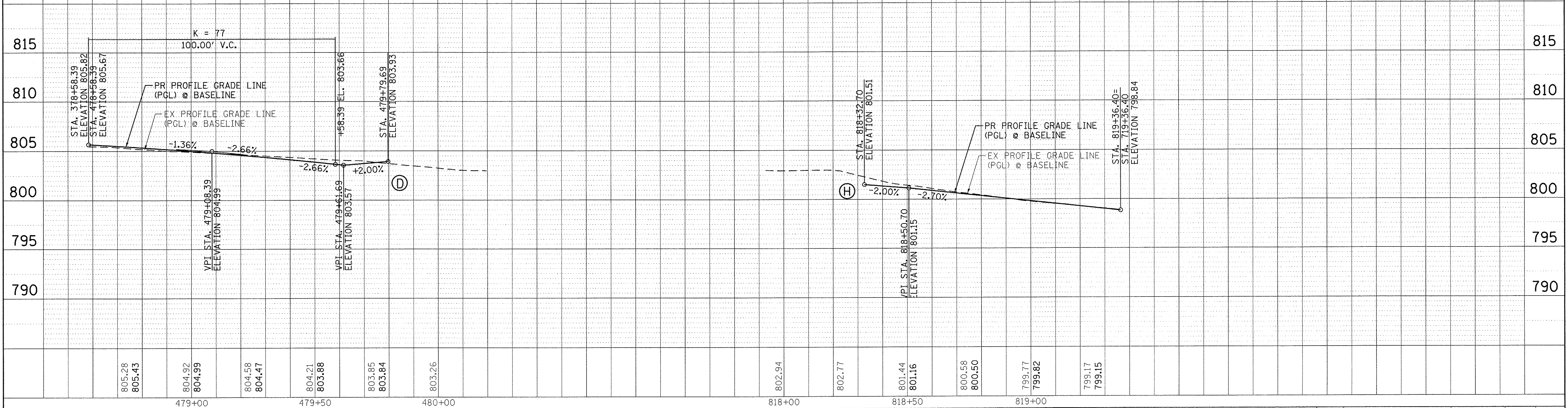
EGYPTIAN TRAIL (SOUTH)

EGYPTIAN TRAIL (NORTH)



COURT STREET (EAST)

COURT STREET (WEST)



PLAN	SURVEYED	BY	DATE
	ALLOWED		
	RT. OF WAY CHECKED		
	NO.		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLotted		
	BY		
	NO.		
	STRUCTURE NOTATIONS CRKD		



USER NAME = dneyer	DESIGNED - YOS	REVISED -
PLOT SCALE = 20.0000' / 1" =	DRAWN - JDK	REVISED -
PLOT DATE = 6/24/2016	CHECKED - PSA	REVISED -
	DATE - 06/17/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUNDABOUT PROFILE

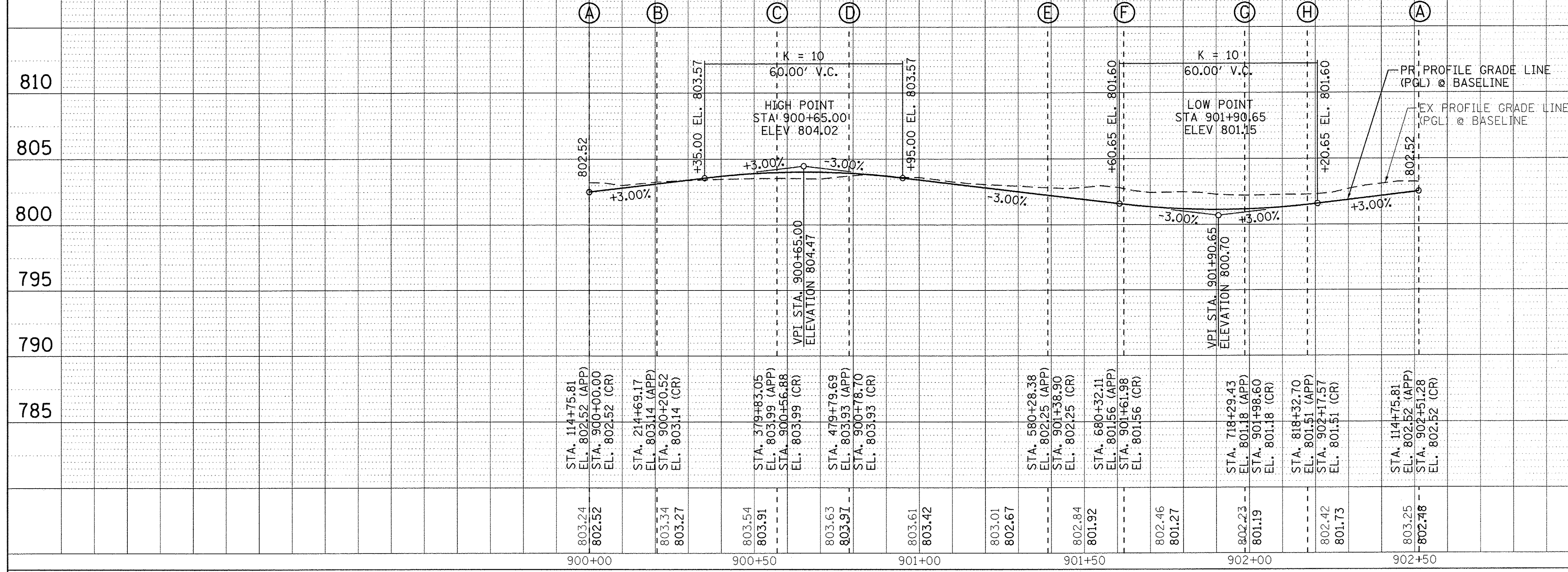
SCALE: H=20, V=5 SHEET 8 OF 9 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2966	12-00024-00-FP	WILL	129	43
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT M-90031989		

PLAN SURVEYED _____ BY _____ DATE _____
 ALLOWED _____
 RT. OF WAY CHECKED _____
 NO. _____ CADD FILE NAME _____

PROFILE SURVEYED _____ BY _____ DATE _____
 PLOTTED _____
 B.A. NOTED _____
 NO. _____ STRUCTURE NOTATIONS CHKD _____

ROUNDABOUT (CIRCLE)



Station	Elevation	Notes
803.24	802.52	STA. 114+75.81 EL. 802.52 (APP) EL. 802.52 (CR)
803.34	803.27	STA. 214+69.17 EL. 803.14 (APP) STA. 900+20.52 EL. 803.14 (CR)
803.54	803.91	STA. 379+83.05 EL. 803.99 (APP) STA. 900+56.88 EL. 803.99 (CR)
803.63	803.97	STA. 479+79.69 EL. 803.93 (APP) STA. 900+76.70 EL. 803.93 (CR)
803.61	803.42	STA. 580+28.38 EL. 802.25 (APP) STA. 901+38.90 EL. 802.25 (CR)
803.01	802.67	STA. 680+32.11 EL. 801.56 (APP) STA. 901+61.98 EL. 801.56 (CR)
802.84	801.92	STA. 718+29.43 EL. 801.18 (APP) STA. 901+98.60 EL. 801.18 (CR)
802.46	801.27	STA. 818+32.70 EL. 801.31 (APP) STA. 902+17.57 EL. 801.31 (CR)
803.25	802.78	STA. 114+75.81 EL. 802.52 (APP) STA. 902+51.28 EL. 802.52 (CR)



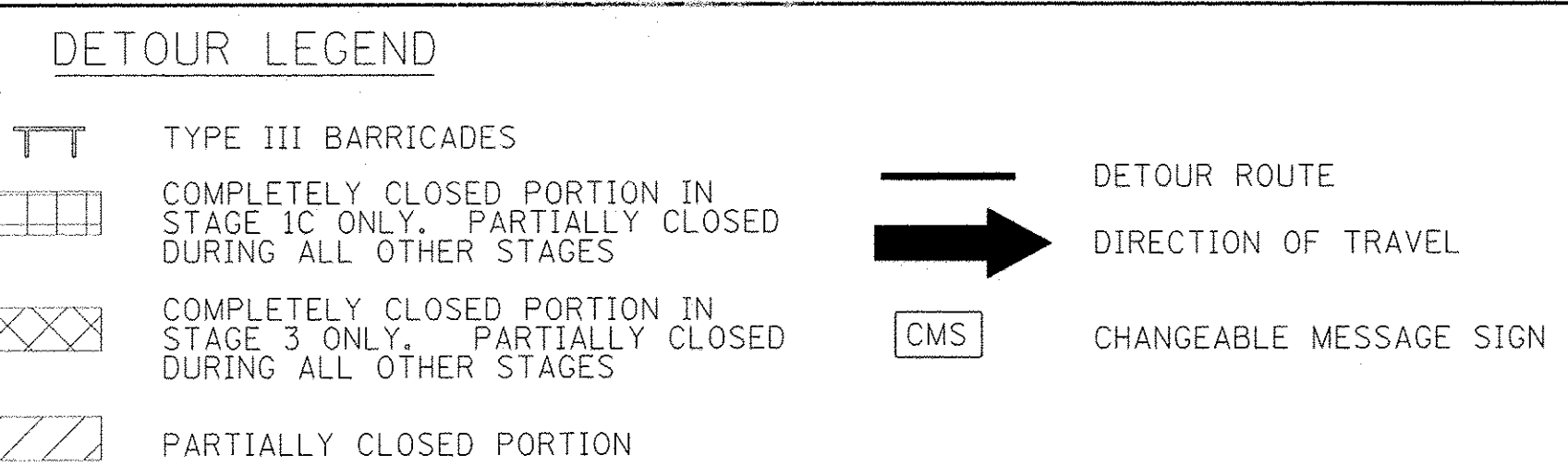
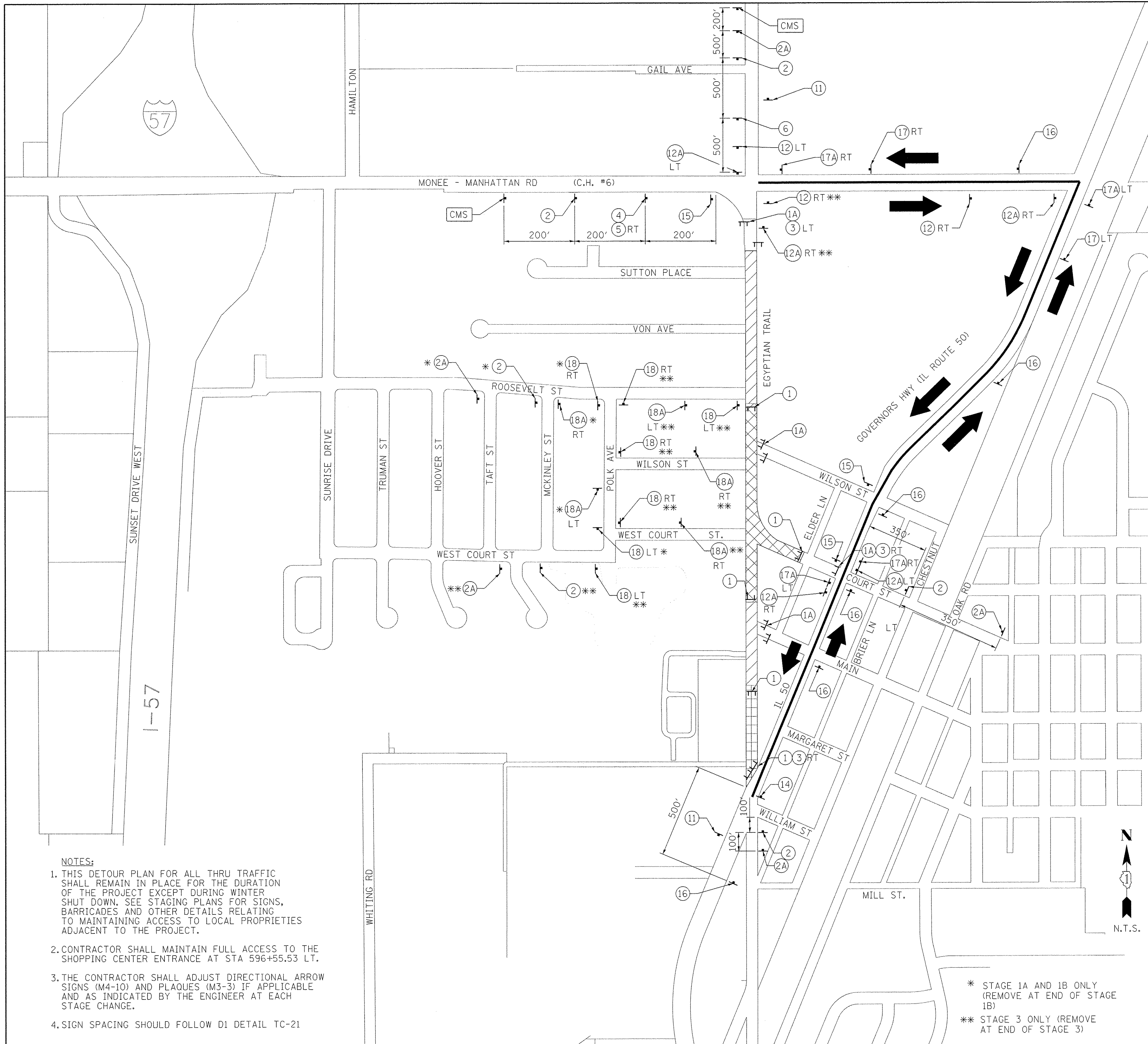
USER NAME = dneyer	DESIGNED - YOS	REVISED -
PLOT SCALE = 20.0000' / 1" =	DRAWN - JDK	REVISED -
PLOT DATE = 6/24/2016	CHECKED - PSA	REVISED -
	DATE - 06/17/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

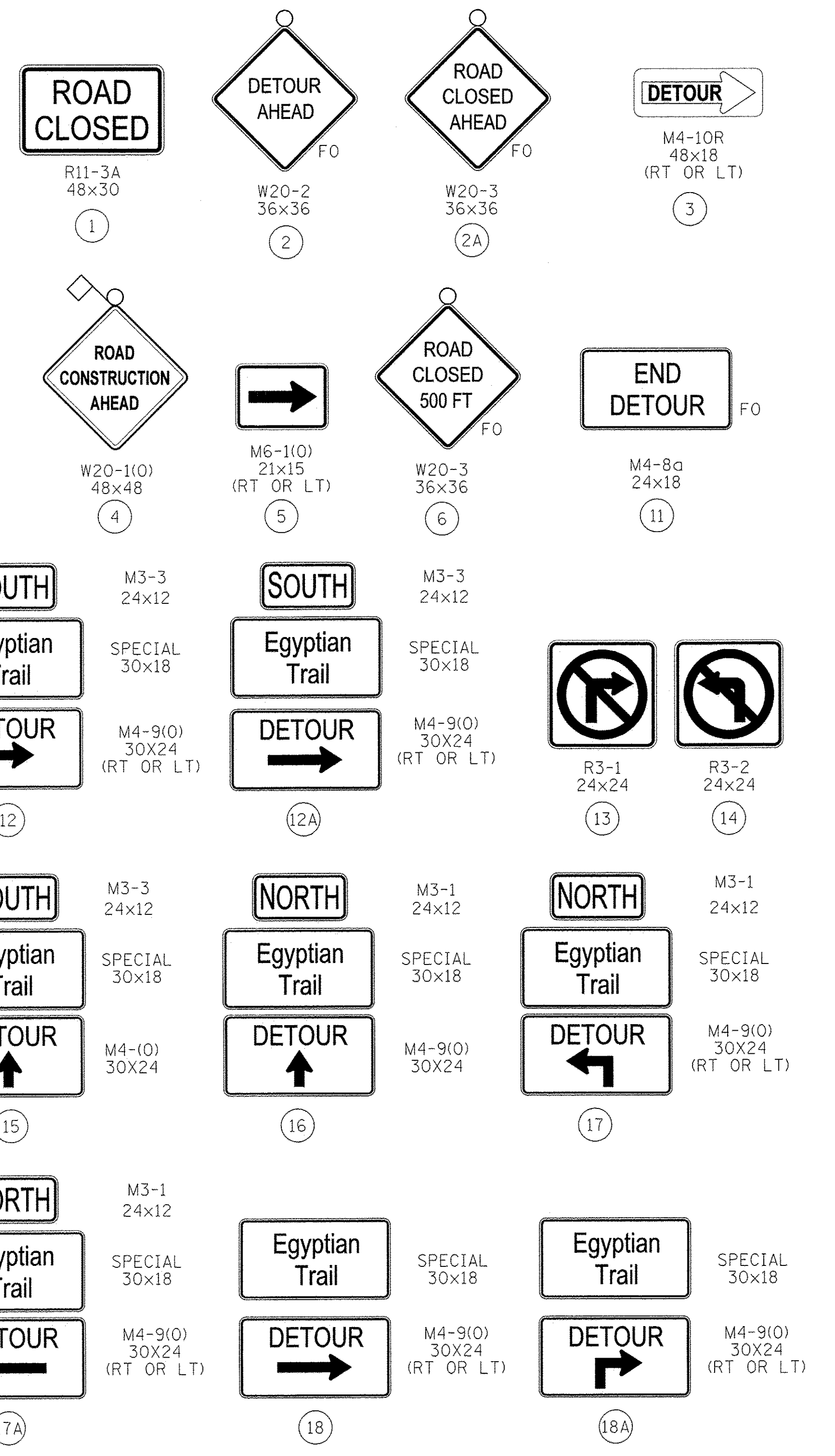
ROUNDABOUT PROFILE

SCALE: H=20, V=5 SHEET 9 OF 9 SHEETS STA. TO STA.

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 44
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO. [ILLINOIS]		FED. AID PROJECT M-9003(989)		



ROAD CLOSED TO THRU TRAFFIC
 R11-3A 60x30 (1A)
 TYPE III BARRICADES FROM OUTSIDE OF SHOULDER TO OUTSIDE OF SHOULDER WITH "ROAD CLOSED" (R11-2) AND TWO FLASHING AMBER LIGHTS ON TOP OF EACH BARRICADE AS SHOWN IN "ROAD CLOSED TO ALL THRU TRAFFIC" DETAIL INCLUDED IN STANDARD 701901



- NOTES:**
- THIS DETOUR PLAN FOR ALL THRU TRAFFIC SHALL REMAIN IN PLACE FOR THE DURATION OF THE PROJECT EXCEPT DURING WINTER SHUT DOWN. SEE STAGING PLANS FOR SIGNS, BARRICADES AND OTHER DETAILS RELATING TO MAINTAINING ACCESS TO LOCAL PROPERTIES ADJACENT TO THE PROJECT.
 - CONTRACTOR SHALL MAINTAIN FULL ACCESS TO THE SHOPPING CENTER ENTRANCE AT STA 596+55.53 LT.
 - THE CONTRACTOR SHALL ADJUST DIRECTIONAL ARROW SIGNS (M4-10) AND PLAQUES (M3-3) IF APPLICABLE AND AS INDICATED BY THE ENGINEER AT EACH STAGE CHANGE.
 - SIGN SPACING SHOULD FOLLOW D1 DETAIL TC-21

* STAGE 1A AND 1B ONLY (REMOVE AT END OF STAGE 1B)
 ** STAGE 3 ONLY (REMOVE AT END OF STAGE 3)

Farnsworth GROUP
 1144 W. JEFFERSON STREET
 SHOREWOOD, ILLINOIS 60404
 (815) 744-6940 / info@fw.com

USER NAME = dmeyer	DESIGNED - YOS	REVISED -
PLOT SCALE = 1:10000	DRAWN - DRR	REVISED -
PLOT DATE = 6/24/2016	CHECKED - PSA	REVISED -
	DATE - 06/24/16	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DETOUR PLAN

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. 01+52.30 TO STA. 596+40.00

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 45
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT M-9003(989)				

NOTES FOR SUGGESTED STAGES OF CONSTRUCTION:

1. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AND THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS IN EFFECT ON THE DATE OF INVITATION FOR BIDS, THE STANDARD SPECS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, THE MANUAL OF TEST PROCEDURES FOR MATERIALS IN EFFECT ON THE DATE OF INVITATION FOR BIDS, THESE PLANS AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.
2. THE OWNER'S REPRESENTATIVE AND ENGINEER SHALL NOT BE RESPONSIBLE FOR THE MEANS, METHODS, PROCEDURES, TECHNIQUES OR SEQUENCE OF CONSTRUCTION, NOR SAFETY ON THE JOB SITE, NOR SHALL THE OWNER'S REPRESENTATIVE AND ENGINEER BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. NEITHER THE PROFESSIONAL ACTIVITIES OF THE OWNER'S REPRESENTATIVE AND ENGINEER NOR THE PRESENCE OF THE OWNER'S REPRESENTATIVE AND ENGINEER AT A CONSTRUCTION SITE SHALL RELIEVE THE CONTRACTOR OF THEIR OBLIGATIONS, DUTIES AND RESPONSIBILITIES, INCLUDING ANY HEALTH AND SAFETY PRECAUTIONS REQUIRED BY ANY REGULATORY AGENCIES.
3. TRAFFIC CONTROL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL CONFORM TO THE CURRENT VERSION OF THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), HIGHWAY STANDARDS, AND STANDARD SPECIFICATIONS.
4. THE CONTRACTOR SHALL PROVIDE ADVANCE NOTICE CONSTRUCTION SIGNAGE. SIGNS SHALL BE ERECTED ONE WEEK IN ADVANCE OF THE START OF CONSTRUCTION AND SHALL BE REMOVED OR COVERED WHEN PROTECTION IS NOT REQUIRED.
5. THE ENGINEER SHALL BE INFORMED ONE WEEK IN ADVANCE OF ANY CHANGE IN CONSTRUCTION STAGING.
6. THE CONTRACTOR SHALL INFORM THE VILLAGE OF MONEE AND ILLINOIS DEPARTMENT OF TRANSPORTATION A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES ON GOVERNORS HIGHWAY (IL-50).
7. ALL LANE CLOSURES SHALL BE PER IDOT HIGHWAY STANDARDS.
8. STAGED CONSTRUCTION SHALL NOT COMMENCE UNTIL ALL CONFLICTING SIGNS, PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES HAVE BEEN REMOVED AND TEMPORARY TRAFFIC CONTROL MEASURES HAVE BEEN PLACED TO THE SATISFACTION OF THE ENGINEER.
9. CONFLICTING PAVEMENT MARKINGS ARE TO BE REMOVED.
10. SEE THE DETOUR PLANS, STAGE CONSTRUCTION PLANS, AND IDOT STANDARDS FOR INFORMATION RELATED TO TRAFFIC CONTROL, STAGING AND IDOT STANDARDS FOR SIGNAGE.
11. MAINTAIN ACCESS TO FIRE HYDRANTS AT ALL TIMES AND COORDINATE WITH LOCAL FIRE DEPARTMENT FOR TYPE OF ACCESS NEEDED.
12. TEMPORARY PAVEMENT MARKINGS INSTALLED ON FINAL AND NON-FINAL SURFACES SHALL BE TAPE TYPE III IN ACCORDANCE WITH IDOT STANDARD SPECIFICATION SECTION 703. TEMPORARY PAVEMENT MARKINGS TO BE IN EFFECT BETWEEN DECEMBER 1 AND APRIL 1 SHALL BE PAINT MATERIAL IN ACCORDANCE WITH IDOT STANDARD SPECIFICATION SECTION 703. CONTRACTOR SHALL MAINTAIN TEMPORARY PAVEMENT MARKINGS.
13. ALL TEMPORARY PAVEMENT MARKINGS SHOWING DETERIORATION AFTER 7 DAYS SHALL BE REPLACED BY THE CONTRACTOR AS INDICATED BY THE ENGINEER. SUFFICIENT QUANTITIES FOR 1 PLACEMENT AND 3 REPLACEMENTS HAVE BEEN PROVIDED FOR EACH STAGE. ALL MARKINGS THAT REQUIRE REPLACEMENT PRIOR TO 7 DAYS OF SERVICE OR REPLACEMENT AFTER THE THIRD REPLACEMENT SHALL BE REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE.
14. ALL PERMANENT SIGNS AND TEMPORARY PAVEMENT MARKINGS SHALL BE INSTALLED AND ALL CONFLICTING SIGNAGE COVERED PRIOR TO OPENING OF EACH STAGE TO TRAFFIC.
15. EXISTING SIGNS, THAT CONFLICT WITH SIGNS INCLUDED IN THE STAGING AND MAINTENANCE OF TRAFFIC CONTROL PLAN OR THE INTENDED TRAFFIC PATTERNS ARE TO BE COVERED IN A MANNER THAT DOES NOT DAMAGE THE SIGN OR REFLECTIVITY.
16. THE TRAFFIC CONTROL DEVICES SHALL BE REMOVED, COVERED OR TURNED AWAY FROM THE TRAFFIC IMMEDIATELY WHEN THEY ARE NO LONGER NECESSARY. WHEN A SIGN IS COVERED, ITS POST SHALL HAVE A REFLECTIVE 3" BY 6" DELINEATOR INSTALLED.
17. THE CONTRACTOR SHALL MAINTAIN SATISFACTORY INGRESS AND EGRESS TO ADJACENT PROPERTIES THROUGHOUT THE DURATION OF CONSTRUCTION PER ARTICLE 107.09 OF THE IDOT STANDARD SPECIFICATIONS.
18. "SIDEWALK CLOSED" SIGNAGE SHALL BE PLACED IN ACCORDANCE WITH IDOT STANDARD 701801.
19. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS WITHIN THE STAGING ZONES ALONG EGYPTIAN TRAIL AND COURT STREET.
20. THE CONTRACTOR SHALL COORDINATE WITH EACH PROPERTY OWNER TO ACCOMMODATE THEIR NEEDS FOR ACCESS. THE CONTRACTOR SHALL PROVIDE INFORMATION REGARDING THE CONSTRUCTION ACTIVITIES AND SCHEDULES SO THAT THEY CAN INFORM THEIR EMPLOYEES AND CUSTOMERS ABOUT CHANGES IN ACCESS TO THE PROPERTY AND PARKING LOCATIONS DURING CONSTRUCTION.
21. THE CONTRACTOR SHALL PLACE "DRIVEWAY ENTRANCE" SIGNS AT EVERY COMMERCIAL ENTRANCE, AS SHOWN IN D1 DETAIL TC 26, WITHIN THE PROJECT LIMITS WHERE ENTRANCE IS OBSTRUCTED DUE TO CONSTRUCTION.
22. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING, INSTALLING, MAINTAINING, AND REMOVING ALL BARRIERS, LABOR, SIGNS, AND TRAFFIC CONTROL DEVICES NECESSARY FOR THE MAINTENANCE OF TRAFFIC UNLESS NOTED OTHERWISE IN THE SPECIAL PROVISIONS.
23. TYPE II BARRICADES OR DRUMS SHALL BE MAINTAINED AS SHOWN IN THE PLANS AND SPACED 50 FEET CENTER TO CENTER ON TANGENT, AND 20 FEET CENTER TO CENTER ON TAPERS AND CURVES.

24. PRIOR TO INSTALLING POST MOUNTED SIGNS, THE CONTRACTOR SHALL CONTACT J.U.L.I.E.
25. ALL SIGNS NOT ATTACHED TO BARRICADES SHALL BE POST MOUNTED, UNLESS OTHERWISE NOTED.
26. WHERE PRACTICAL, THE CONTRACTOR MAY CONSTRUCT STORM SEWERS IN ADVANCE OF THE ROADWAY CONSTRUCTION STAGES FOR CONTINUITY AND EFFICIENCY.
27. THE STORM SEWER CONSTRUCTED CONCURRENTLY WITH THE ROADWAY CONSTRUCTION STAGING IS TO BE CONSTRUCTED BEYOND THE STAGING LIMITS SO THAT THE UPSTREAM CONNECTIONS IN LATER STAGES DO NOT CAUSE DAMAGE OR UNDERMINING TO PROPOSED PAVEMENT, CURB AND GUTTER, SIDEWALK OR ENTRANCES.
28. STORM SEWER THAT IS TO BE CONNECTED TO IN A LATER STAGE SHALL BE TEMPORARILY SEALED WITH CLASS SI CONCRETE OR BRICK AND MORTAR. THE COST OF TEMPORARILY PLUGGING THE STORM SEWER AND REMOVAL OF THE TEMPORARY PLUG SHALL BE CONSIDERED INCIDENTAL TO THE STORM SEWER CONSTRUCTION. ANY DAMAGE CAUSED TO THE STORM SEWER WHILE REMOVING THE TEMPORARY PLUG SHALL BE REPAIRED OR REPLACED AS INDICATED BY THE ENGINEER AT NO ADDITIONAL COST.
29. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING DRAINAGE OF THE ROADWAY DURING ALL STAGES OF CONSTRUCTION
30. THE CONTRACTOR SHALL MAINTAIN EXISTING AND/OR PROPOSED ROADWAY LIGHTING DURING THE DURATION OF THE PROJECT.
31. THE CONTRACTOR SHALL CONTACT THE IDOT DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
32. AT THE END OF EACH STAGE, PLACE TOPSOIL AND SODDING. IF OTHER STAGE WORK IS COMPLETED AND SOD CAN NOT BE PLACED DUE TO TEMPATURE OR CALENDAR REQUIREMENTS (ART. 252.04), SOD PLACEMENT SHALL BE DELAYED UNTIL SAID REQUIREMENTS ARE MET. STAGE 1A, 1B AND 1C ARE CONSIDERED A SINGLE STAGE.

STAGE 1A

1. STAGE 1C MAY BE CONSTRUCTED PRIOR TO OR CONCURRENTLY WITH STAGE 1A.
2. CONSTRUCT TEMPORARY HMA PAVEMENT STARTING AT THE SUTTON PLACE INTERSECTION FROM STATION 594+35 TO 586+00 LT. SEE STAGE 1A STAGING PLAN FOR THE TYPICAL CROSS SECTION. TEMPORARY PAVEMENT WIDTH VARIES.
3. PLACE ALL TEMPORARY PAVEMENT MARKINGS PER THE 1A STAGING PLAN.
4. USE THE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL STAGE 1A PLAN SHEET.
5. MAINTAIN LOCAL ACCESS TO VON AVENUE, SUTTON PLACE, AND PLAZA ENTRANCE AT ALL TIMES.
6. CLOSE NORTHBOUND EGYPTIAN TRAIL TO TRAFFIC PER THE STAGING PLAN.
7. WITHIN THE STAGE 1A CONSTRUCTION WORK ZONE, CONSTRUCT ALL THE STORM SEWERS AND ASSOCIATED STRUCTURES. REFER TO THE DRAINAGE AND UTILITY PLAN SHEETS AND THE EROSION CONTROL PLANS.
8. WITHIN THE STAGE 1A CONSTRUCTION WORK ZONE, REMOVE THE EXISTING PAVEMENT AND APPURTENANCES.
9. WITHIN THE STAGE 1A CONSTRUCTION WORK ZONE, CONSTRUCT THE PAVEMENT (EXCEPT FOR THE SURFACE COURSE LIFT), CURB AND GUTTER, AND SIDEWALKS. REFER TO THE PLAN AND PROFILE SHEETS.
10. PLACE ALL TEMPORARY PAVEMENT MARKINGS ON THE BINDER COURSE PER THE STAGING PLAN FOR STAGE 1B.
11. AT THE END OF STAGE 1A, SWITCH SOUTHBOUND LOCAL TRAFFIC TO COMPLETED STAGE 1A PAVEMENT.

STAGE 1B

1. STAGE 1C MAY BE CONSTRUCTED PRIOR TO OR CONCURRENTLY WITH STAGE 1B.
2. USE THE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL STAGE 1B PLAN SHEET.
3. MAINTAIN CLOSURE OF NORTHBOUND EGYPTIAN TRAIL TO TRAFFIC PER THE STAGING PLAN.
4. MAINTAIN LOCAL ACCESS TO VON AVENUE, SUTTON PLACE, AND PLAZA ENTRANCE AT ALL TIMES.
5. CLOSE EGYPTIAN TRAIL AND ROOSEVELT STREET INTERSECTION.
6. WITHIN THE STATE 1B CONSTRUCTION WORK ZONE, REMOVE THE EXISTING PAVEMENT, TEMPORARY PAVEMENT, AND APPURTENANCES.
7. WITHIN THE STAGE 1B CONSTRUCTION WORK ZONE, CONSTRUCT ALL THE STORM SEWERS AND ASSOCIATED STRUCTURES. REFER TO THE DRAINAGE AND UTILITY PLAN SHEETS AND THE EROSION CONTROL PLANS.
8. CONSTRUCT THE ACCESS TO VON AVENUE AND SUTTON PLACE ONE SIDE AT A TIME WHILE MAINTAINING INGRESS AND EGRESS FOR THE RESIDENTS.
9. CONSTRUCT THE ACCESS TO PLAZA ENTRANCE ONE SIDE AT A TIME WHILE MAINTAINING ACCESS
10. WITHIN THE STAGE 1B CONSTRUCTION WORK ZONE, CONSTRUCT THE PAVEMENT (EXCEPT FOR THE SURFACE COURSE LIFT), CURB AND GUTTER, AND SIDEWALKS. REFER TO THE PLAN AND PROFILE SHEETS.
11. PLACE ALL TEMPORARY PAVEMENT MARKINGS ON THE BINDER COURSE PER THE STAGING PLAN FOR STAGE 2. OPEN TO TWO WAY LOCAL TRAFFIC.



USER NAME = dmeyer	DESIGNED - YOS	REVISED -
	DRAWN - DRR	REVISED -
PLOT SCALE = 48.0000' / 1" =	CHECKED - PSA	REVISED -
PLOT DATE = 6/24/2016	DATE - 06/17/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE CONSTRUCTION NOTES,
LEGEND AND SIGN SCHEDULE

SCALE: N.T.S. SHEET 1 OF 12 SHEETS STA. 01+52.30 TO STA. 596+40.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2966	12-00024-00-FP	WILL	129	46
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	M-90031989

STAGE 1C

1. STAGE 1C MAY BE CONSTRUCTED PRIOR TO OR CONCURRENTLY WITH STAGE 1A OR 1B.
2. USE THE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL STAGE 1C PLAN SHEET.
3. CLOSE EGYPTIAN TRAIL WITHIN THE CONSTRUCTION WORK ZONE OF STAGE 1C TO ALL TRAFFIC, EXCEPT THE PRIVATE DRIVEWAY SOUTH OF WILL COUNTY DEPARTMENT OF HIGHWAYS PER THE STAGING PLAN.
4. MAINTAIN ACCESS TO PRIVATE DRIVEWAYS SOUTH OF WILL COUNTY DEPARTMENT OF HIGHWAYS AT ALL TIMES WITH TEMPORARY AGGREGATE.
5. INFORM THE ENGINEER, VILLAGE OF MONEE AND ILLINOIS DEPARTMENT OF TRANSPORTATION A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES ON GOVERNORS HIGHWAY (IL 50).
6. WORK AT THE SOUTH END OF EGYPTIAN TRAIL SHALL BE GENERALLY COMPLETED UTILIZING ONLY A SHOULDER CLOSURE ALONG GOVERNORS HIGHWAY (IL 50). WHEN CONSTRUCTION OPERATIONS IMMEDIATELY ADJACENT TO THE EDGE OF PAVEMENT REQUIRE A LANE CLOSURE ON SOUTHBOUND GOVERNORS HIGHWAY, THE CLOSURE SHALL BE ACCORDING TO STANDARD 701606. LANE CLOSURES WILL NOT BE ALLOWED BETWEEN 7 AM AND 9 AM OR BETWEEN 4 PM AND 6 PM. THE DURATION OF ANY LANE CLOSURES ON GOVERNORS HIGHWAY (IL 50) SHALL NOT EXCEED 3 TOTAL DAYS. CONSTRUCTION OPERATIONS SHALL BE COMPLETED SUCH THAT THERE ARE NO DROPOFFS GREATER THAN 8" AT ANY TIME ALL LANES ARE OPEN TO TRAFFIC ON GOVERNORS HIGHWAY. AGGREGATE FOR TEMPORARY ACCESS SHALL BE PLACED AS INDICATED BY THE ENGINEER TO RAMP FROM THE EXISTING PAVEMENT TO THE PROPOSED AGGREGATE BASE UNTIL PAVEMENT IS CONSTRUCTED.
7. WITHIN THE STAGE 1C CONSTRUCTION WORK ZONE, REMOVE THE EXISTING PAVEMENT AND APPURTENANCES.
8. WITHIN THE STAGE 1C CONSTRUCTION WORK ZONE, CONSTRUCT ALL THE STORM SEWERS AND ASSOCIATED STRUCTURES. REFER TO THE DRAINAGE AND UTILITY PLAN SHEETS AND THE EROSION CONTROL PLANS.
9. WITHIN THE STAGE 1C CONSTRUCTION WORK ZONE, CONSTRUCT THE PAVEMENT (EXCEPT FOR THE SURFACE COURSE LIFT), CURB AND GUTTER, AND SIDEWALKS. REFER TO THE PLAN AND PROFILE SHEETS.
10. PLACE ALL TEMPORARY PAVEMENT MARKINGS ON THE BINDER COURSE PER THE STAGING PLAN.
11. OPEN EGYPTIAN TRAIL TO LOCAL TRAFFIC WITHIN THE STAGE 1C CONSTRUCTION WORK ZONE AT END OF STAGE 1C.

STAGE 2

1. USE THE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL STAGE 2 PLAN SHEET.
2. STAGE 2 SHALL BE CONSTRUCTED IN 2 SUB-STAGES, 2A & 2B, TO MAINTAIN ACCESS TO DERBY DRIVE:
 - a. STAGE 2A: FROM STATION 5+50 TO STATION 8+33.68.
 - i. MAINTAIN FULL ACCESS TO DERBY DRIVE AT ALL TIMES.
 - ii. CLOSE THE SEGMENT OF ROADWAY FROM STATION 5+50 TO STATION 8+33.68 TO ALL TRAFFIC.
 - iii. REMOVE THE EXISTING PAVEMENT AND APPURTENANCES.
 - iv. CONSTRUCT ALL THE STORM SEWERS AND ASSOCIATED STRUCTURES. REFER TO THE DRAINAGE AND UTILITY PLAN SHEETS AND THE EROSION CONTROL PLANS.
 - v. CONSTRUCT THE PAVEMENT (EXCEPT FOR THE SURFACE COURSE LIFT), CURB AND GUTTER, AND SIDEWALKS. REFER TO THE PLAN AND PROFILE SHEETS.
 - vi. OPEN TO LOCAL TRAFFIC AT END OF SUB STAGE 2A.
 - b. STAGE 2B: FROM STATION 8+33.68 TO STATION 12+75.
 - i. MAINTAIN FULL ACCESS TO DERBY DRIVE AT ALL TIMES.
 - ii. MAINTAIN ACCESS TO ALL RESIDENTIAL DRIVEWAYS AT ALL TIMES WITH TEMPORARY AGGREGATE.
 - iii. CLOSE ACCESS TO MAIN STREET FROM EGYPTIAN TRAIL PER THE STAGING PLAN.
 - iv. MINIMIZE POTENTIAL IMPACTS TO DERBY DRIVE LANDSCAPE SIGNS AT THE SOUTHWEST AND NORTHWEST CORNERS OF DERBY DRIVE.
 - v. REMOVE THE EXISTING PAVEMENT AND APPURTENANCES.
 - vi. CONSTRUCT ALL THE STORM SEWERS AND ASSOCIATED STRUCTURES. REFER TO THE DRAINAGE AND UTILITY PLAN SHEETS AND THE EROSION CONTROL PLANS.
 - vii. CONSTRUCT THE PAVEMENT (EXCEPT FOR THE SURFACE COURSE LIFT), CURB AND GUTTER, AND SIDEWALKS. REFER TO THE PLAN AND PROFILE SHEETS.
3. PLACE ALL TEMPORARY PAVEMENT MARKING ON THE BASE COURSE PER THE STAGE 2 PLAN AT THE END OF STAGE 2B.
4. OPEN EGYPTIAN TRAIL TO LOCAL TRAFFIC WITHIN THE STAGE 2 CONSTRUCTION WORK ZONE AT END OF STAGE 2.

STAGE 3

1. USE THE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL STAGE 3 PLAN SHEET.
2. CLOSE THE FOLLOWING STREETS PER THE STAGING PLAN
 - a. EGYPTIAN TRAIL
 - b. COURT STREET
 - c. WILSON STREET
3. WITHIN THE STAGE 3 CONSTRUCTION WORK ZONE, REMOVE THE EXISTING PAVEMENT AND APPURTENANCES IN SECTIONS AS NEEDED FOR ACCESS REQUIREMENTS.
4. WITHIN THE STAGE 3 CONSTRUCTION WORK ZONE, CONSTRUCT ALL THE STORM SEWERS AND ASSOCIATED STRUCTURES. REFER TO THE DRAINAGE AND UTILITY PLAN SHEETS AND THE EROSION CONTROL PLANS.

5. WITHIN THE STAGE 3 CONSTRUCTION WORK ZONE, CONSTRUCT THE ROUNDABOUT PORTLAND CEMENT CONCRETE PAVEMENT, SPLITTER ISLANDS AND CROSSWALKS, TRUCK APRON, INNER CIRCLE LANDSCAPE AND IRRIGATION, CURB AND GUTTER, SIDEWALKS, HMA PAVEMENT (EXCEPT FOR THE SURFACE COURSE LIFT) AND STREET LIGHTING. REFER TO THE PLAN AND PROFILE SHEETS.
 - a. MAINTAIN ACCESS TO ALL RESIDENTIAL DRIVEWAYS AT ALL TIMES WITH TEMPORARY AGGREGATE.
6. PLACE TEMPORARY PAVEMENT MARKINGS ON THE HMA BINDER COURSE ONLY PER THE STAGING PLAN.
7. PLACE PERMANENT PAVEMENT MARKINGS ON THE PORTLAND CEMENT CONCRETE PAVEMENT. REFER TO THE PAVEMENT MARKINGS AND SIGNAGE SHEETS.
8. INSTALL ALL PERMANENT SIGNAGE. REFER TO THE PAVEMENT MARKINGS AND SIGNAGE SHEETS.
9. OPEN EGYPTIAN TRAIL TO LOCAL TRAFFIC WITHIN THE STAGE 3 CONSTRUCTION WORK ZONE AT END OF STAGE 3.

STAGE 4

1. USE THE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL STAGE 4 PLAN SHEET.
2. WITHIN THE STAGE 4 CONSTRUCTION WORK ZONE, REMOVE THE EXISTING PAVEMENT AND APPURTENANCES.
3. WITHIN THE STAGE 4 CONSTRUCTION WORK ZONE, CONSTRUCT ALL THE STORM SEWERS AND ASSOCIATED STRUCTURES. REFER TO THE DRAINAGE AND UTILITY PLAN SHEETS AND THE EROSION CONTROL PLANS.
4. WITHIN THE STAGE 4 CONSTRUCTION WORK ZONE, CONSTRUCT THE PAVEMENT, CURB AND GUTTER, AND SIDEWALKS. REFER TO THE PLAN AND PROFILE SHEETS.
5. MAINTAIN ACCESS TO ALL RESIDENTIAL DRIVEWAYS AT ALL TIMES WITH TEMPORARY AGGREGATE.
6. CONSTRUCT HMA SURFACE COURSE FOR ALL PAVEMENT AREAS UTILIZING DAY, TIME LANE CLOSURES AND FLAGGERS. MAINTAIN ACCESS TO ALL RESIDENTIAL DRIVEWAYS. REFER TO THE PLAN AND PROFILE SHEETS.
7. PLACE ALL PERMANENT PAVEMENT MARKINGS. REFER TO THE PAVEMENT MARKINGS AND SIGNAGE SHEETS.
8. INSTALL ALL REMAINING PERMANENT SIGNAGE. REFER TO THE PAVEMENT MARKINGS AND SIGNAGE SHEETS.
9. OPEN EGYPTIAN TRAIL TO ALL TRAFFIC AT END OF STAGE 4.
10. REMOVE ALL MAINTENANCE OF TRAFFIC AND DETOUR SIGNAGE.

LEGEND

TEMPORARY PAVEMENT
 DIRECTION OF TRAVEL
 TRAFFIC SIGN
 TYPE III BARRICADE WITH 2 FLASHING LIGHTS
 6" TEMPORARY AGGREGATE DRIVEWAY AREAS TO BE COMPLETED EACH STAGE.
 SIGN OR PAVEMENT MARKINGS SAME AS PREVIOUS STAGE TO BE MAINTAINED

STAGE CONSTRUCTION SIGN/PAVEMENT MARKING LEGEND

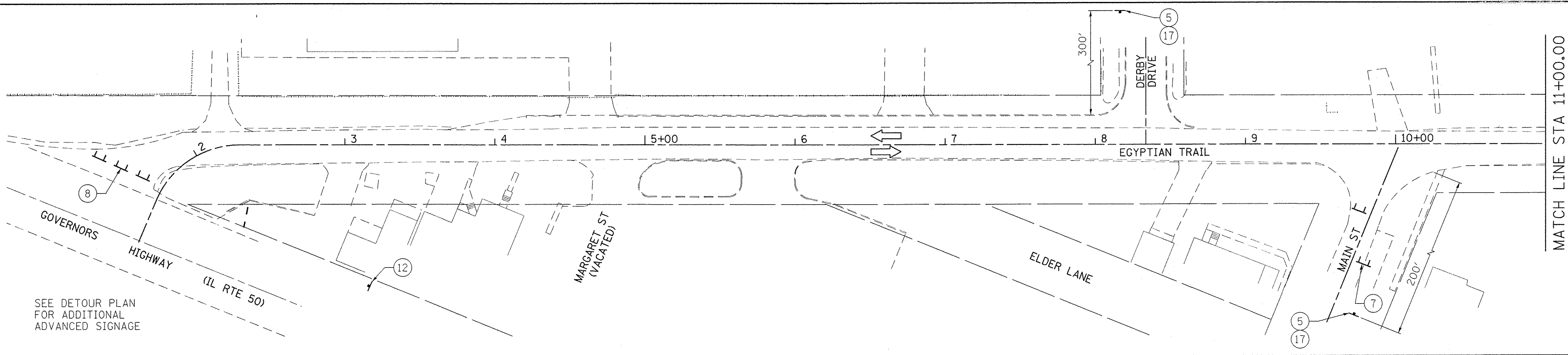
- ① TEMPORARY PAVEMENT MARKING 4" (SOLID YELLOW)
- ② TEMPORARY PAVEMENT MARKING 4" (SOLID WHITE)
- ③ TEMPORARY PAVEMENT MARKING 24" (SOLID WHITE)
- ④ TEMPORARY PAVEMENT MARKING 4" (SOLID DOUBLE YELLOW)
- ④A TEMPORARY PAVEMENT MARKING 12" (SOLID YELLOW)
- ②B TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS

⑤	ROAD CONSTRUCTION AHEAD W20-1(0) 48"x48"	⑬	ONE WAY R6-2R 18"x24"	⑳	DETOUR R4-10R 48"x18"
⑥	DO NOT ENTER R5-1 36"x24"	⑮	ROAD CLOSED 500 FT W20-3 48"x48"	㉑	DETOUR R4-10L 48"x18"
⑦	ROAD CLOSED LOCAL TRAFFIC ONLY R11-3a 60"x30"	⑯	ROAD CLOSED AHEAD W20-3 48"x48"	㉒	BEGIN ONE WAY R6-6 30"x36"
⑧	ROAD CLOSED R11-2 48"x30"	⑰	M6-4(0) 21"x15"	㉓	END ONE WAY R6-7 30"x36"
⑨	ENTRANCE OPEN BLACK LETTERS ON ORANGE BACKGROUND 24"x18"	⑱	W1-6 60X30 (RT OR LT)	㉔	ONE WAY R6-1L 36"x12"
⑩	W1-3(0) 30"x30" (RT OR LT)	⑲	KEEP RIGHT R4-7A 24"x30"	㉕	DETOUR M4-9 30X24
⑪	R3-2 24"x24"	⑳	NORTH M3-1 24"x12"	㉖	DETOUR M4-9 30X24
⑫	R3-1 24"x24"	㉑	SOUTH M3-1 24"x12"	㉗	DETOUR M4-9 30X24
		㉒	Egyptian Trail SPECIAL 30"x18"	㉘	DETOUR

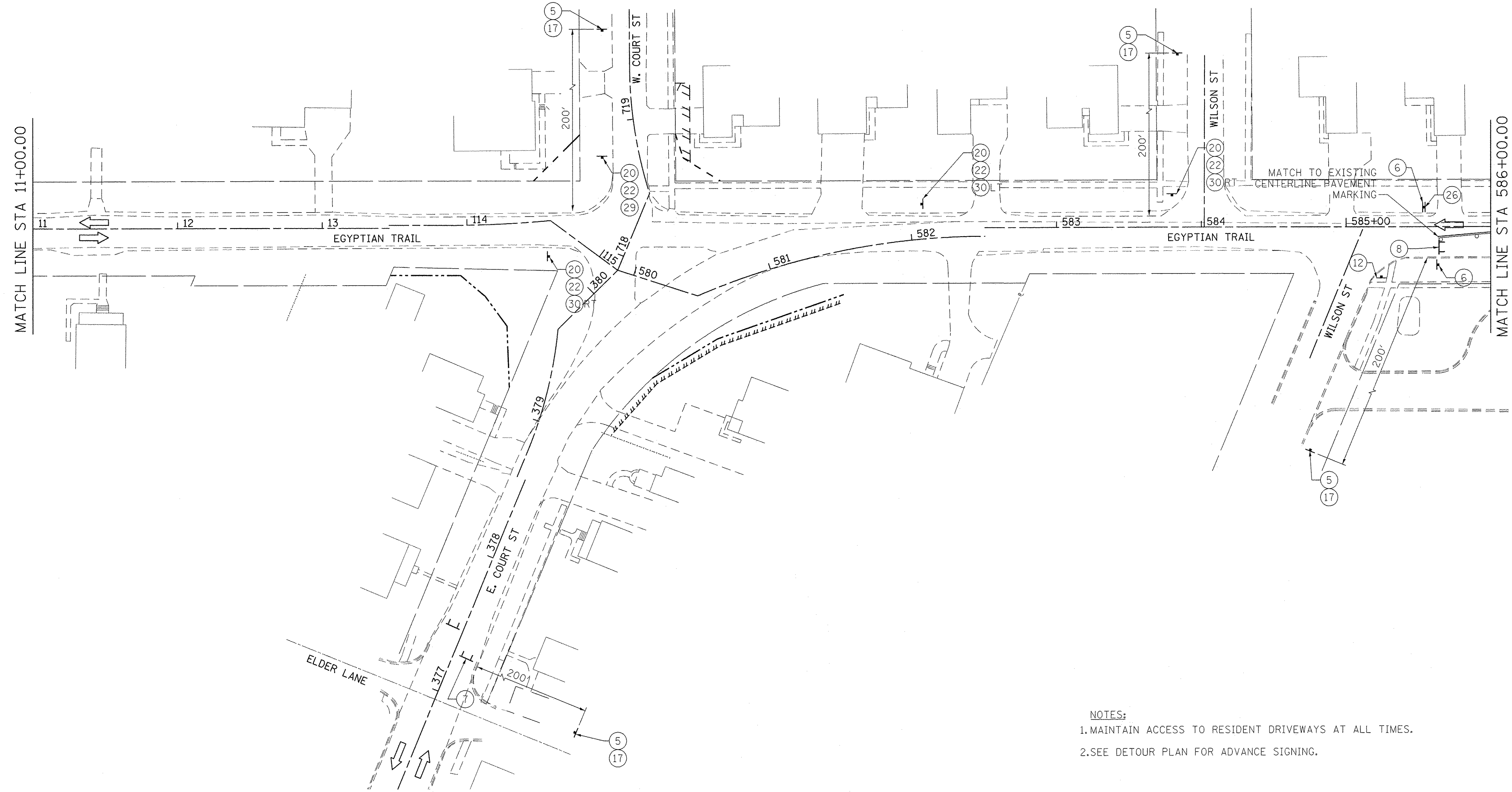
- NOTES:**
1. ALL WORK AND SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, CURRENT EDITION.
 2. ALL SIGNS TO REMAIN IN PLACE FOR LONGER THAN ONE WEEK SHALL BE POST MOUNTED UNLESS MOUNTED ON TYPE III BARRICADES. SIGNS INSTALLED ON TYPE III BARRICADES SHALL BE PLASTIC.

USER NAME = dneyer	DESIGNED - YOS	REVISED -
PLOT SCALE = 40.0000' / 1" =	DRAWN - DRR	REVISED -
PLOT DATE = 6/24/2016	CHECKED - PSA	REVISED -
	DATE - 06/17/16	REVISED -

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 47
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT M-9003(989)				



SEE DETOUR PLAN FOR ADDITIONAL ADVANCED SIGNAGE



LEGEND

	STAGE 1A
	STAGE 1B
	STAGE 1C
	STAGE 2
	STAGE 3
	STAGE 4

NOTES:
 1. MAINTAIN ACCESS TO RESIDENT DRIVEWAYS AT ALL TIMES.
 2. SEE DETOUR PLAN FOR ADVANCE SIGNING.

Farnsworth GROUP
 1144 W. JEFFERSON STREET
 SHOREWOOD, ILLINOIS 60404
 (815) 744-6940 / info@f-w.com

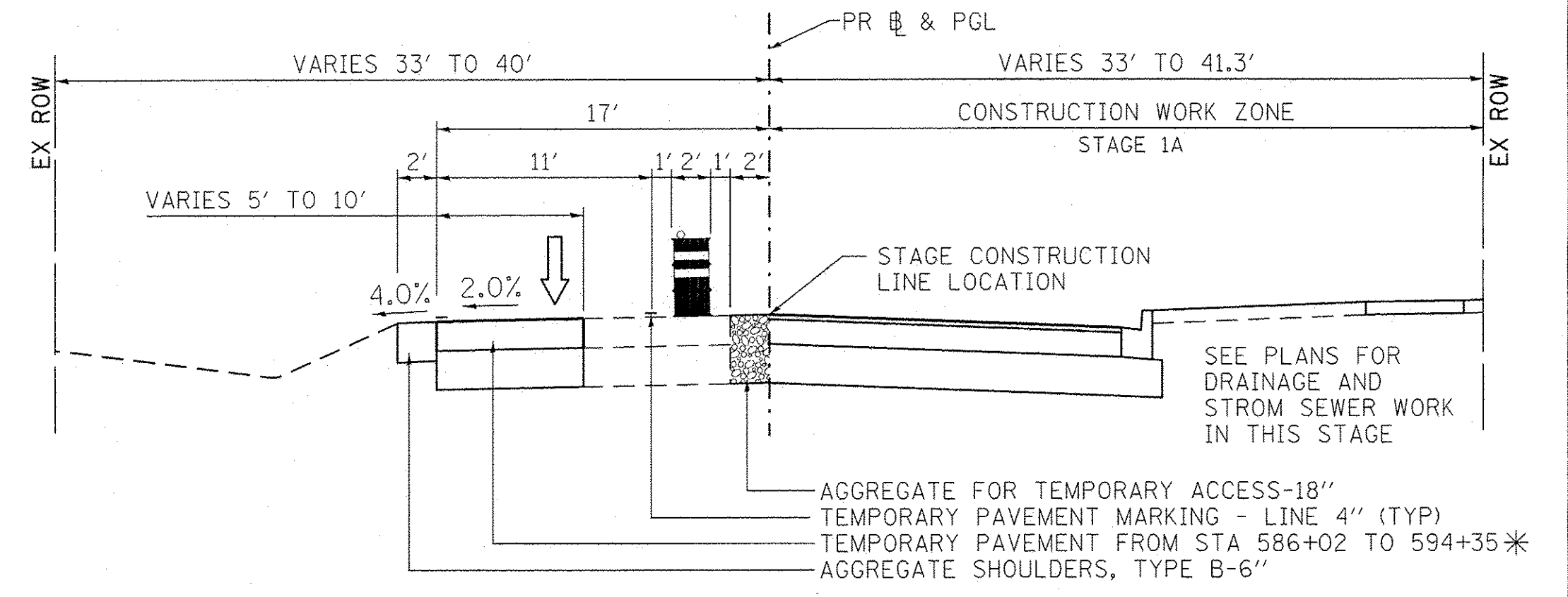
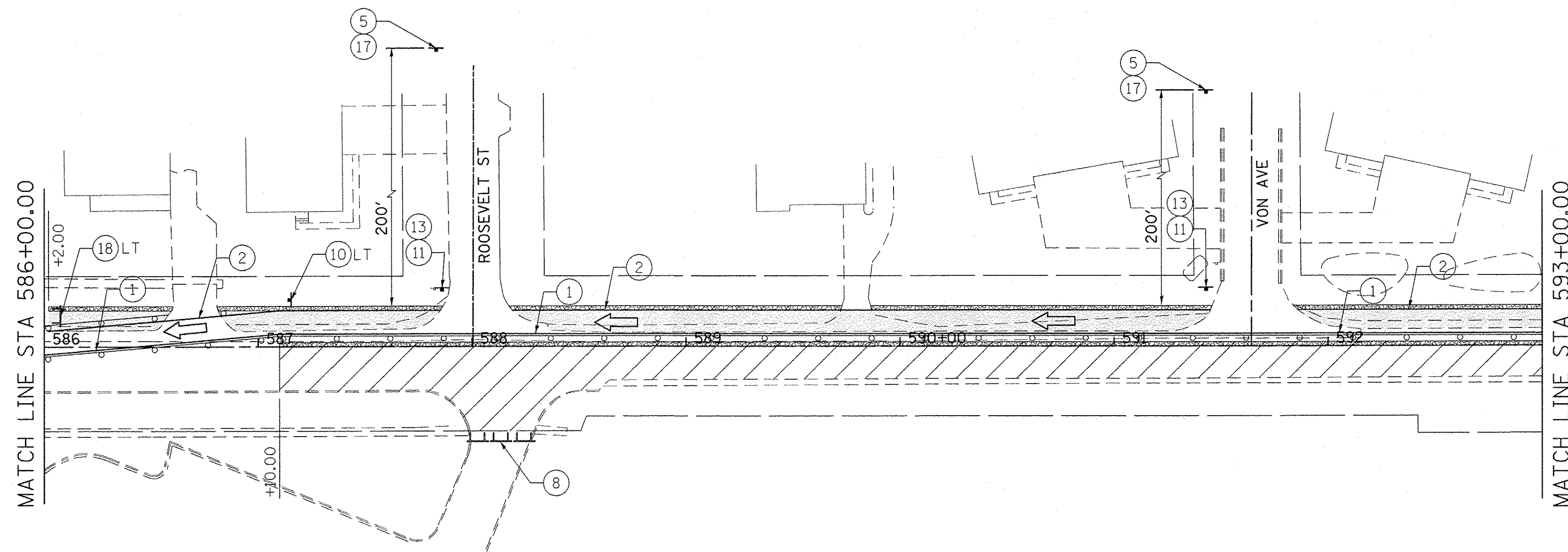
USER NAME = dmeyer	DESIGNED - YOS	REVISED -
PLOT SCALE = 40.0000' / 1" =	DRAWN - DRR	REVISED -
PLOT DATE = 6/24/2016	CHECKED - PSA	REVISED -
	DATE - 06/17/16	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

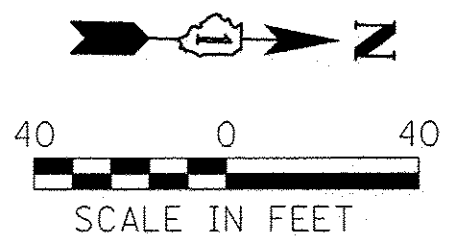
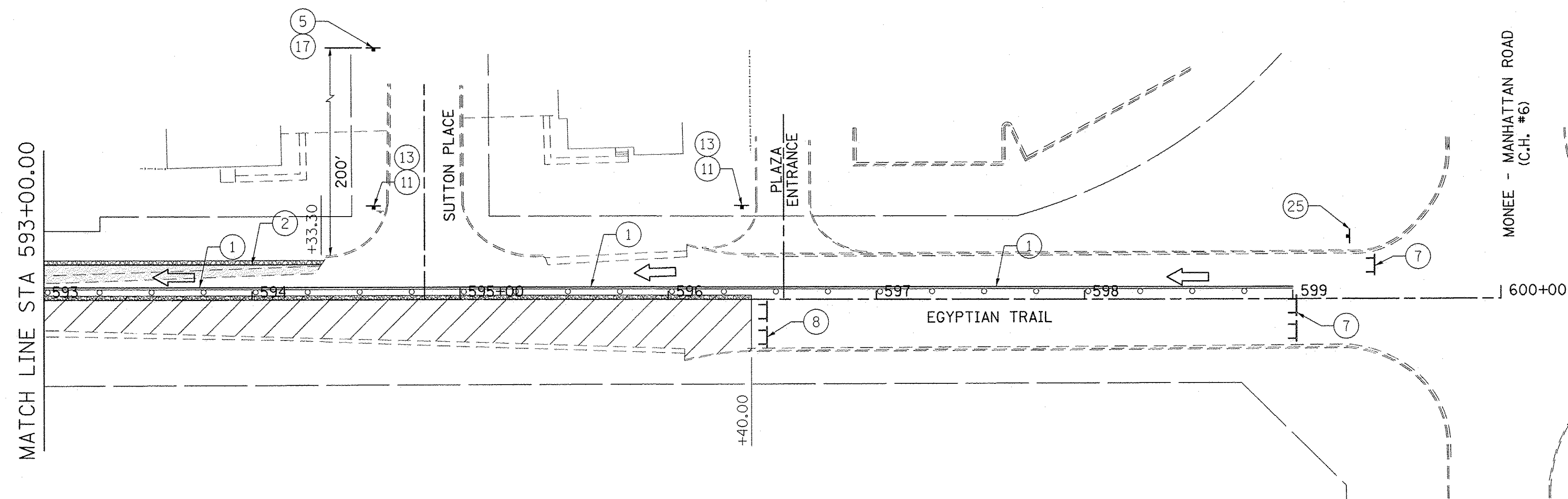
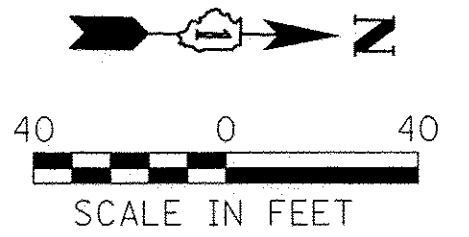
STAGE 1A CONSTRUCTION

SCALE: 1"=40' SHEET 3 OF 12 SHEETS STA. 01+52.30 TO STA. 586+00.00

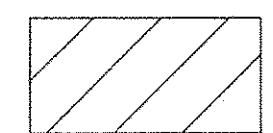
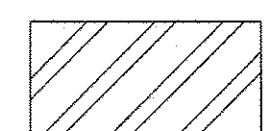

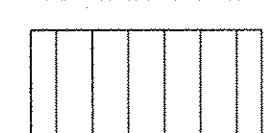
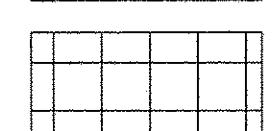

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 48
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT M-90031989				



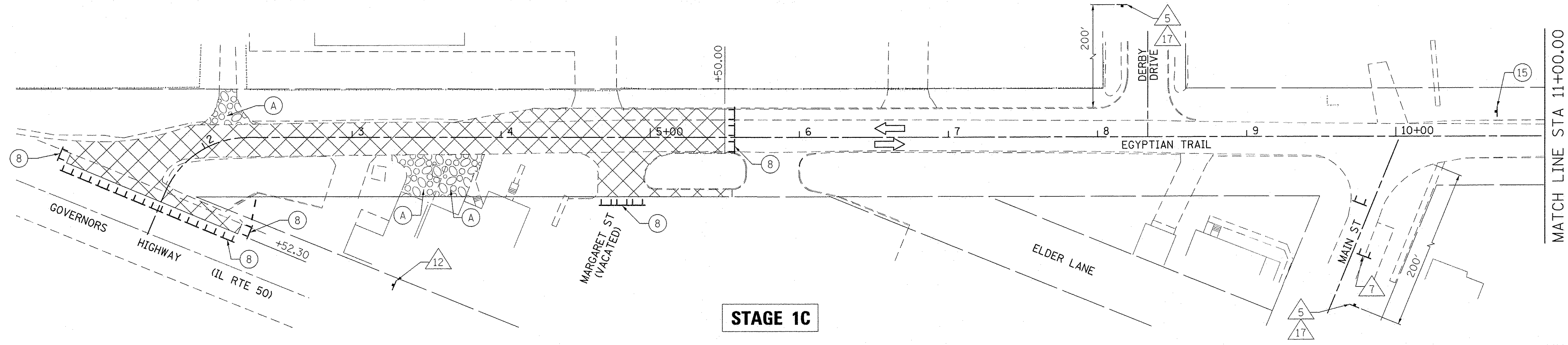
TYPICAL CROSS SECTION FOR STAGE CONSTRUCTION 1A



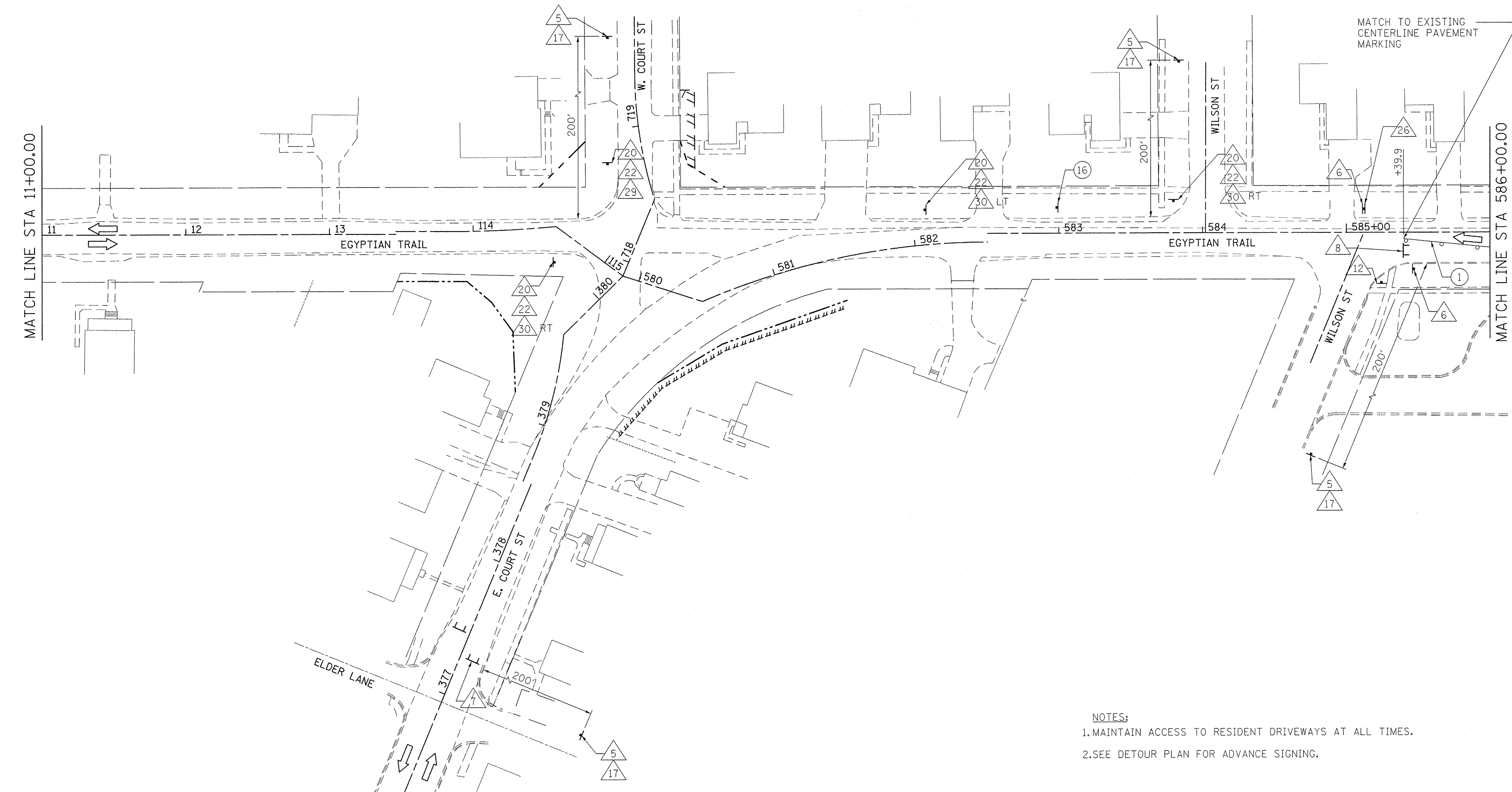
LEGEND

-  STAGE 1A
-  STAGE 1B
-  STAGE 1C
-  STAGE 2
-  STAGE 3
-  STAGE 4

- NOTES:**
1. MAINTAIN ACCESS TO RESIDENT DRIVEWAYS AT ALL TIMES.
 2. SEE DETOUR PLAN FOR ADVANCE SIGNING.



STAGE 1C



LEGEND

	STAGE 1A
	STAGE 1B
	STAGE 1C
	STAGE 2
	STAGE 3
	STAGE 4

NOTES:
 1. MAINTAIN ACCESS TO RESIDENT DRIVEWAYS AT ALL TIMES.
 2. SEE DETOUR PLAN FOR ADVANCE SIGNING.

Farnsworth GROUP
 1144 W. JEFFERSON STREET
 SHOREWOOD, ILLINOIS 60404
 (815) 744-6940 / info@fw.com

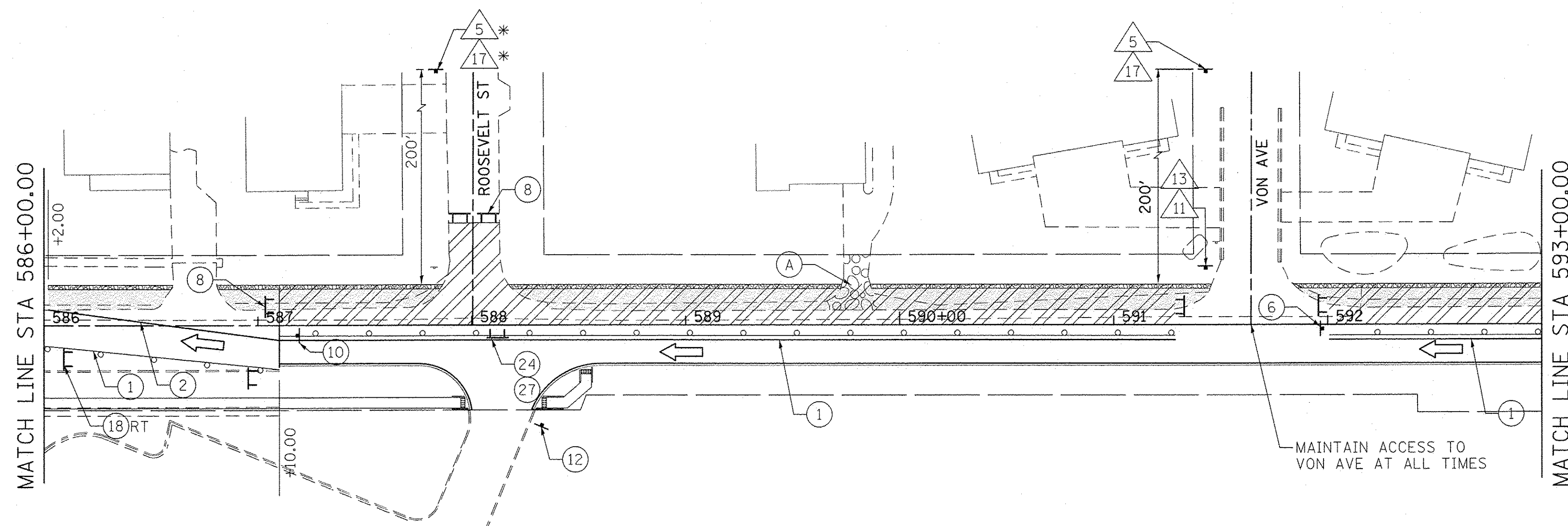
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PLOT SCALE = 40.0000' / 1" =	DRAWN - DRR	REVISED -
PLOT DATE = 6/24/2016	CHECKED - PSA	REVISED -
	DATE - 06/17/16	REVISED -

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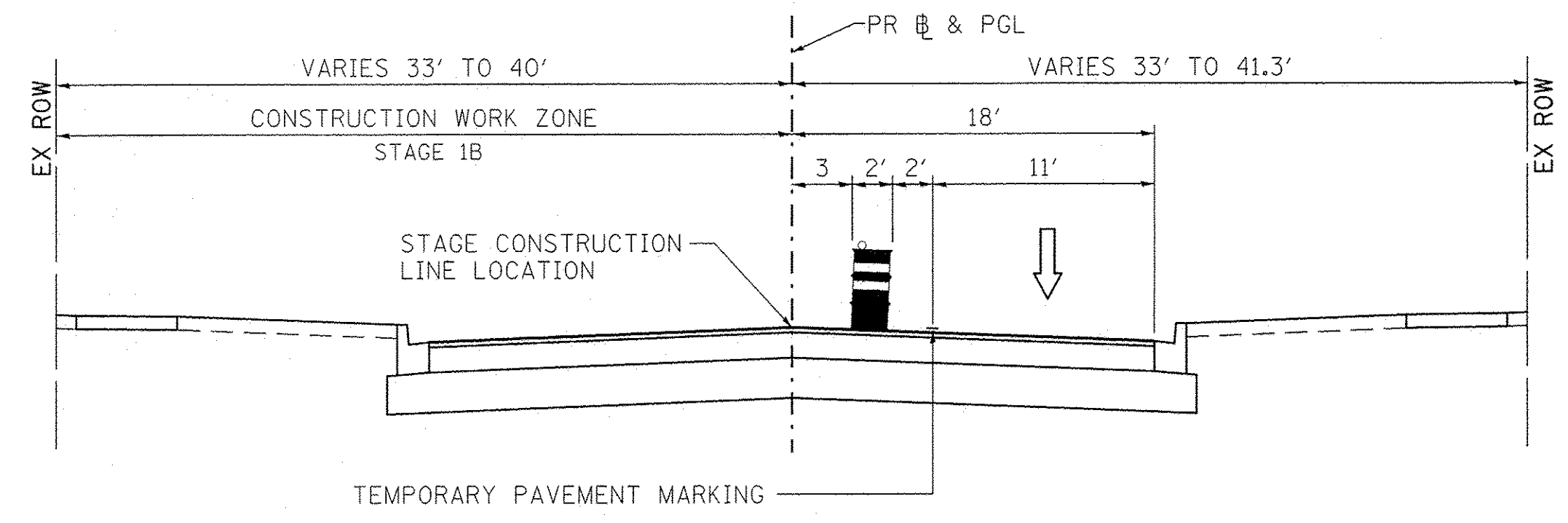
STAGE 1B & 1C CONSTRUCTION

SCALE: 1"=40' SHEET 5 OF 12 SHEETS STA. 01+52.30 TO STA. 586+00.00

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 50
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		M-9003(989)

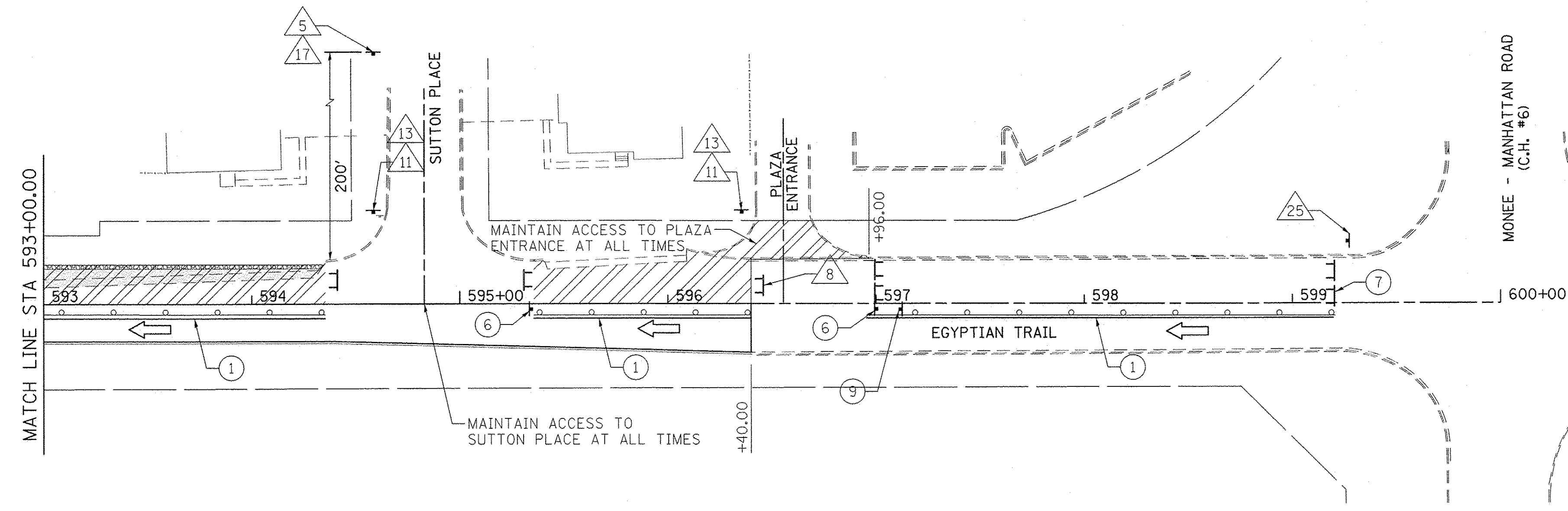
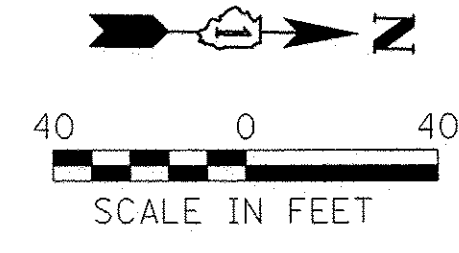


STAGE 1B

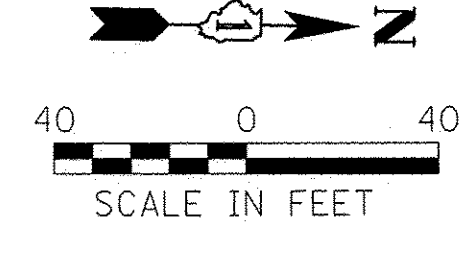


TYPICAL CROSS SECTION FOR STAGE CONSTRUCTION 1B

* COVER SIGNS IN STAGE 1B ONLY



STAGE 1B



LEGEND

- STAGE 1A
- STAGE 1B
- STAGE 1C
- STAGE 2
- STAGE 3
- STAGE 4

- NOTES:**
1. MAINTAIN ACCESS TO RESIDENT DRIVEWAYS AT ALL TIMES.
 2. SEE DETOUR PLAN FOR ADVANCE SIGNING.

Farnsworth GROUP
 1144 W. JEFFERSON STREET
 SHOREWOOD, ILLINOIS 60404
 (815) 744-8940 / info@f-w.com

USER NAME = dmeyer	DESIGNED - YOS	REVISED -
PLOT SCALE = 40,0000' / 1"	DRAWN - DRR	REVISED -
PLOT DATE = 6/24/2016	CHECKED - PSA	REVISED -
	DATE = 06/17/16	REVISED -

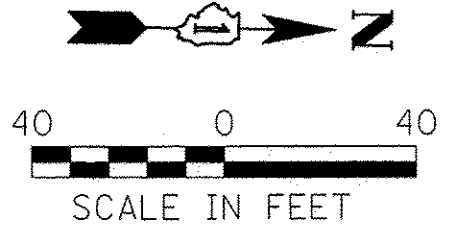
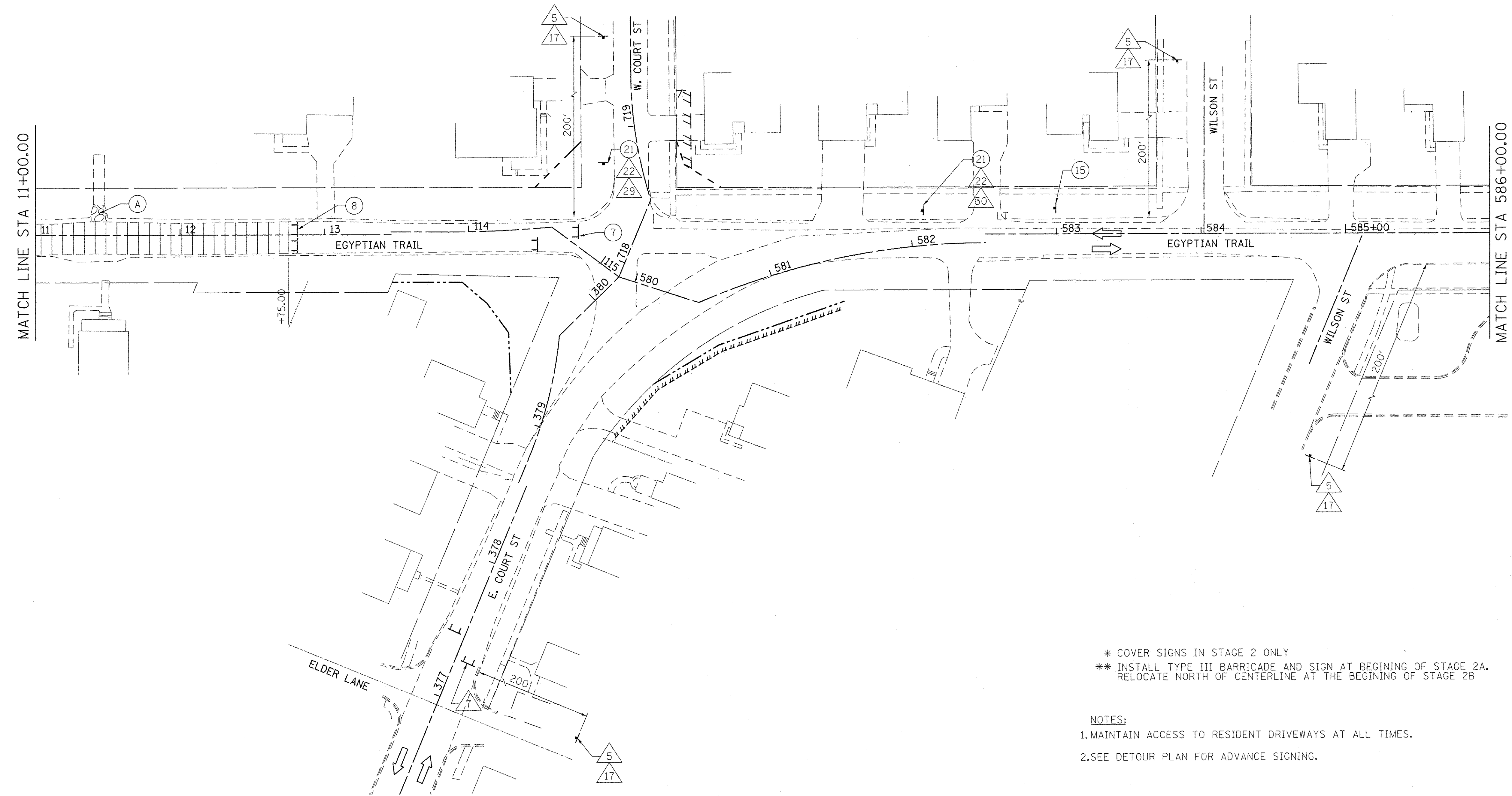
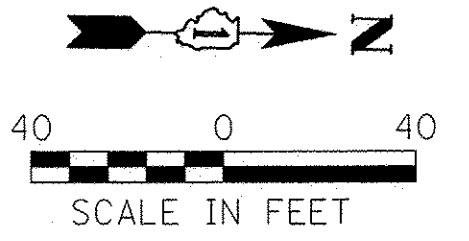
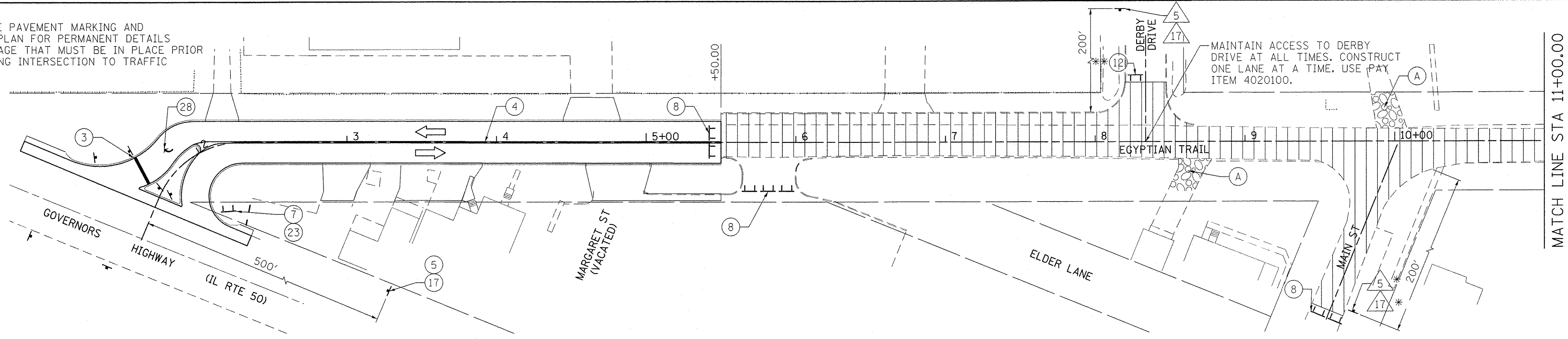
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

STAGE 1B & 1C CONSTRUCTION

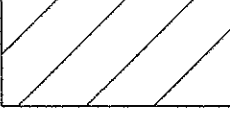
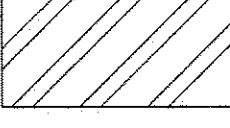
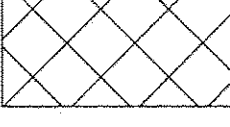
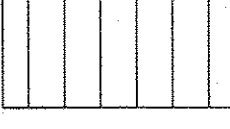
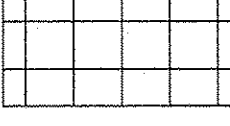
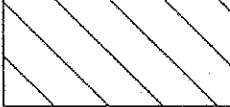
SCALE: 1"=40' SHEET 6 OF 12 SHEETS STA. 586+00.00 TO STA. 596+40.00

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 51
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT M-90031989		

NOTE: SEE PAVEMENT MARKING AND SIGNAGE PLAN FOR PERMANENT DETAILS FOR SIGNAGE THAT MUST BE IN PLACE PRIOR TO OPENING INTERSECTION TO TRAFFIC



LEGEND

-  STAGE 1A
-  STAGE 1B
-  STAGE 1C
-  STAGE 2
-  STAGE 3
-  STAGE 4

* COVER SIGNS IN STAGE 2 ONLY
 ** INSTALL TYPE III BARRICADE AND SIGN AT BEGINNING OF STAGE 2A. RELOCATE NORTH OF CENTERLINE AT THE BEGINNING OF STAGE 2B

NOTES:
 1. MAINTAIN ACCESS TO RESIDENT DRIVEWAYS AT ALL TIMES.
 2. SEE DETOUR PLAN FOR ADVANCE SIGNING.

Farnsworth GROUP
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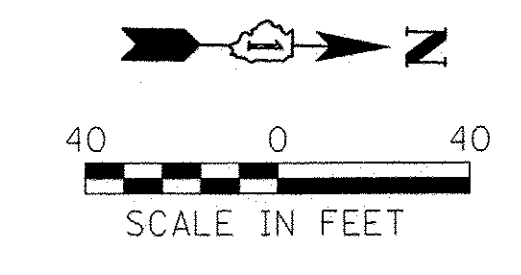
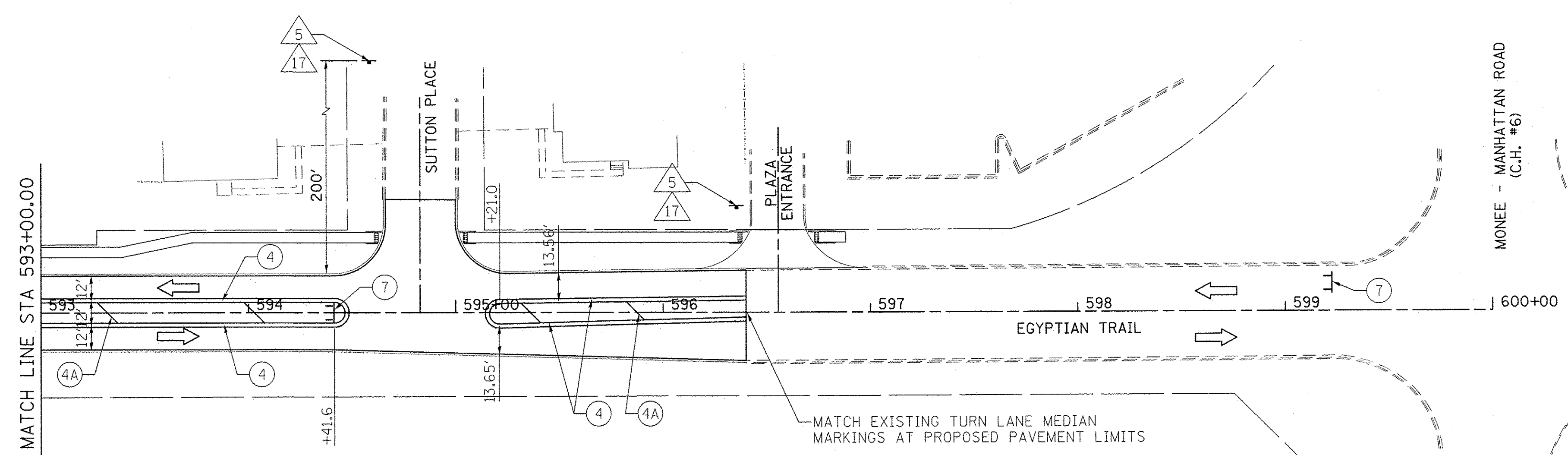
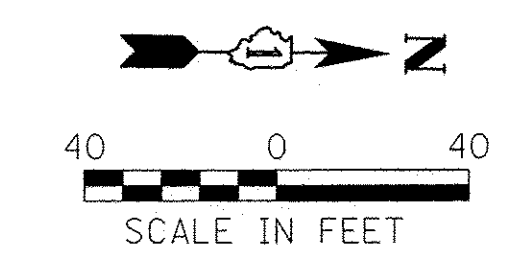
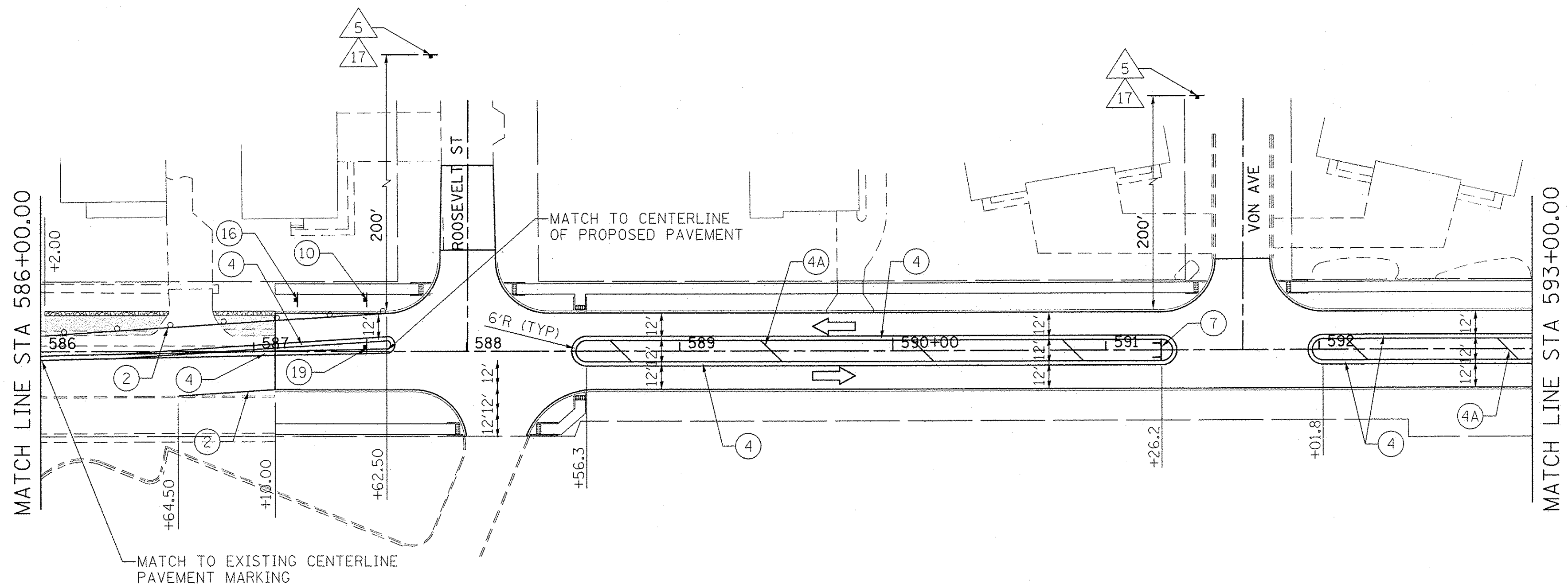
USER NAME = dmeyer	DESIGNED - YOS	REVISED -
	DRAWN - DRR	REVISED -
PLOT SCALE = 40.0000' / 1" =	CHECKED - PSA	REVISED -
PLOT DATE = 6/24/2016	DATE - 06/17/16	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

STAGE 2 CONSTRUCTION

SCALE: 1"=40' SHEET 7 OF 12 SHEETS STA. 01+52.30 TO STA. 586+00.00

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 52
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT M-9003(989)		



SEE DETOUR PLAN FOR ADVANCE SIGNAGE

LEGEND

- STAGE 1A
- STAGE 1B
- STAGE 1C
- STAGE 2
- STAGE 3
- STAGE 4

- NOTES:
1. MAINTAIN ACCESS TO RESIDENT DRIVEWAYS AT ALL TIMES.
 2. SEE DETOUR PLAN FOR ADVANCE SIGNING.

Farnsworth GROUP
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 SHOREWOOD, ILLINOIS 60404
 (815) 744-6940 / info@fw.com

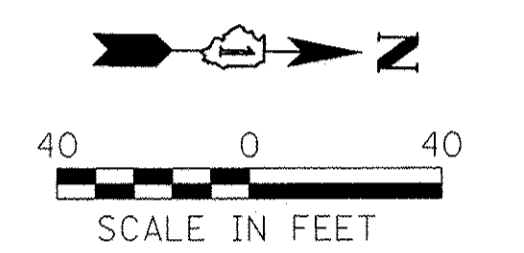
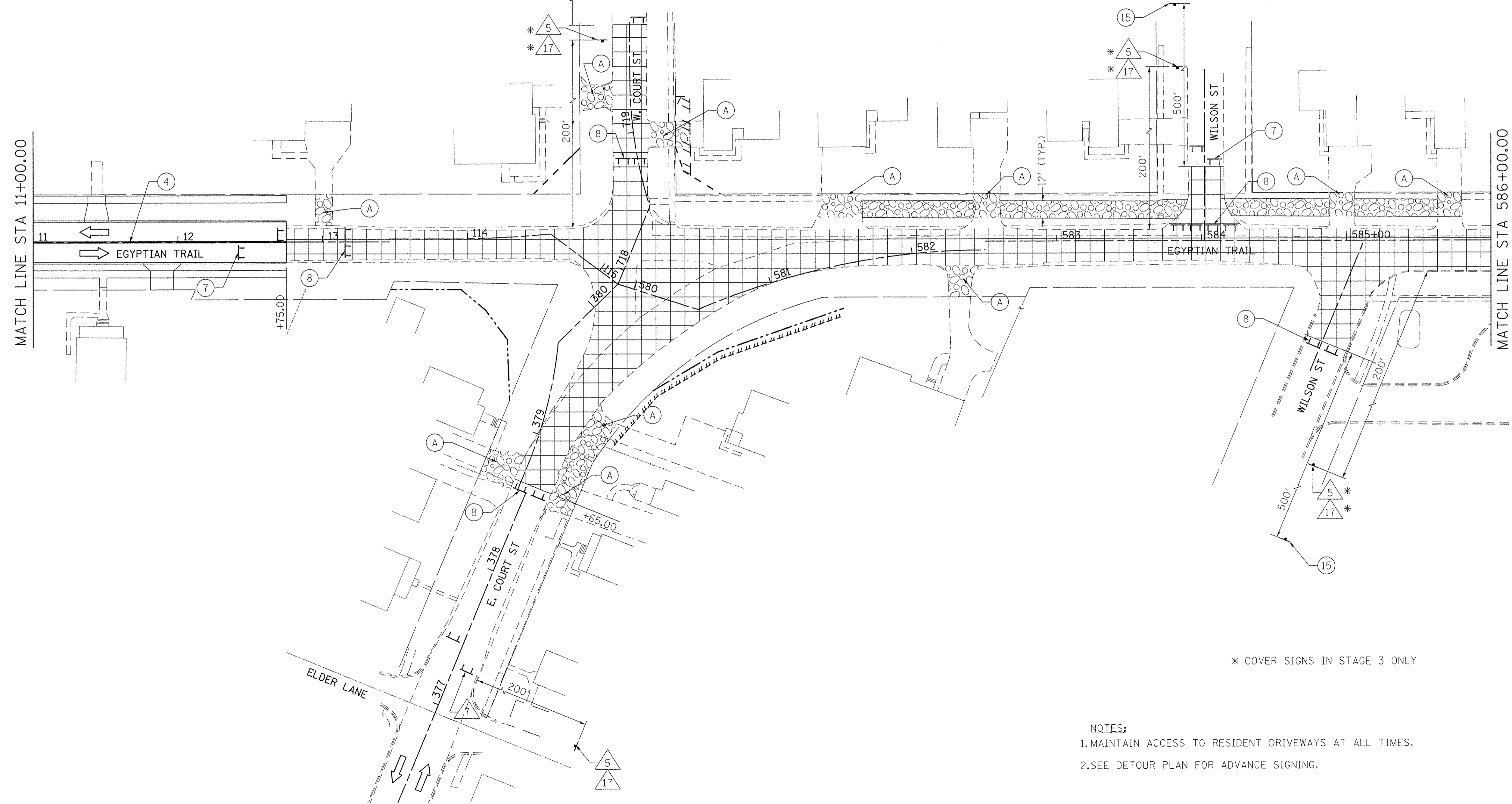
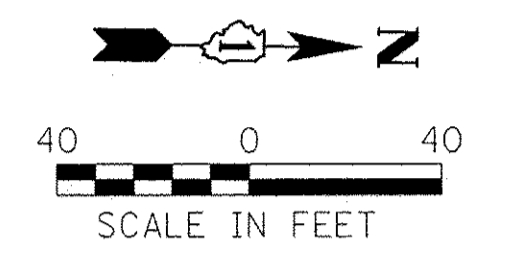
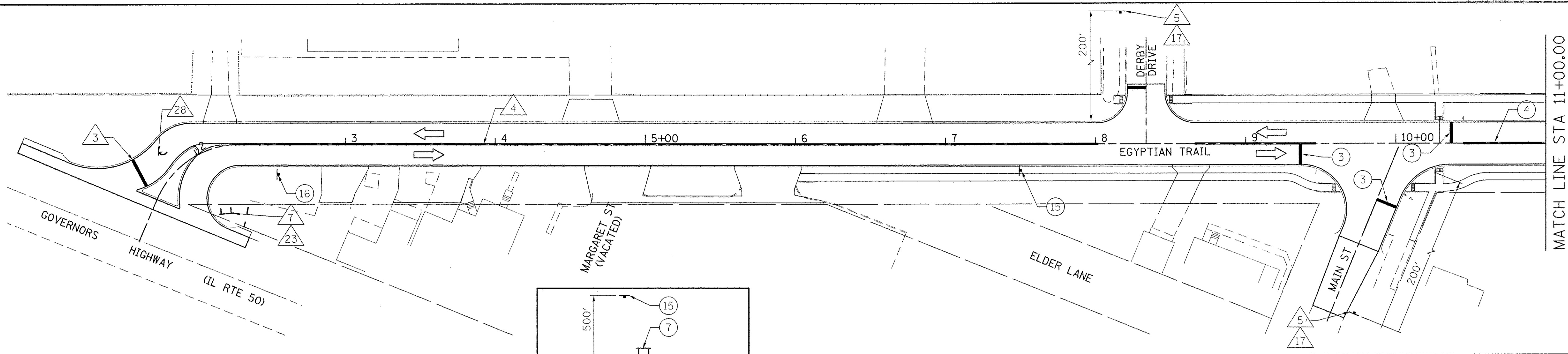
USER NAME = dmeyer	DESIGNED - YOS	REVISED -
	DRAWN - DRR	REVISED -
PLOT SCALE = 40,0000' / 1"	CHECKED - PSA	REVISED -
PLOT DATE = 6/24/2016	DATE = 06/17/16	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

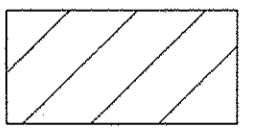
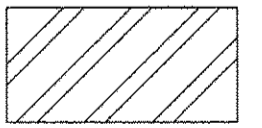

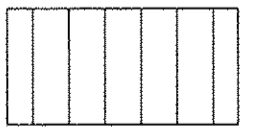
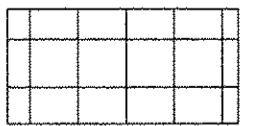
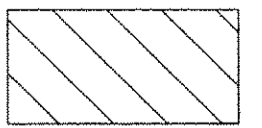
STAGE 2 CONSTRUCTION

SCALE: 1"=40' SHEET 8 OF 12 SHEETS STA. 586+00.00 TO STA. 596+40.00

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 53
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-9003(989)				



LEGEND

-  STAGE 1A
-  STAGE 1B
-  STAGE 1C
-  STAGE 2
-  STAGE 3
-  STAGE 4

* COVER SIGNS IN STAGE 3 ONLY

- NOTES:**
1. MAINTAIN ACCESS TO RESIDENT DRIVEWAYS AT ALL TIMES.
 2. SEE DETOUR PLAN FOR ADVANCE SIGNING.

Farnsworth GROUP
 1144 W. JEFFERSON STREET
 SHOREWOOD, ILLINOIS 60404
 (815) 744-6940 / info@fw.com

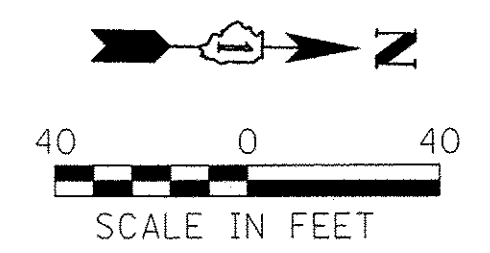
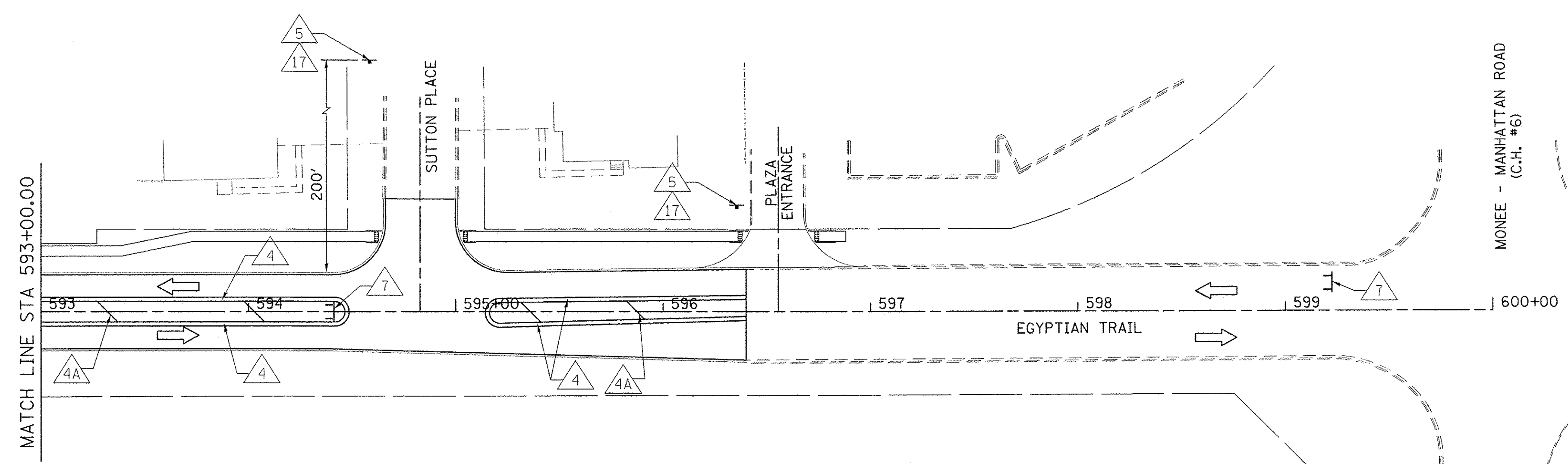
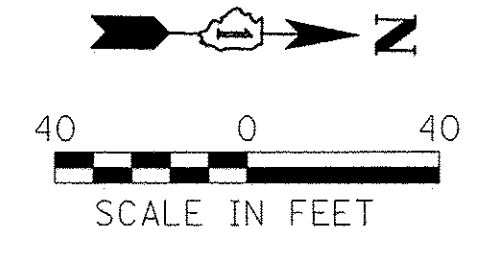
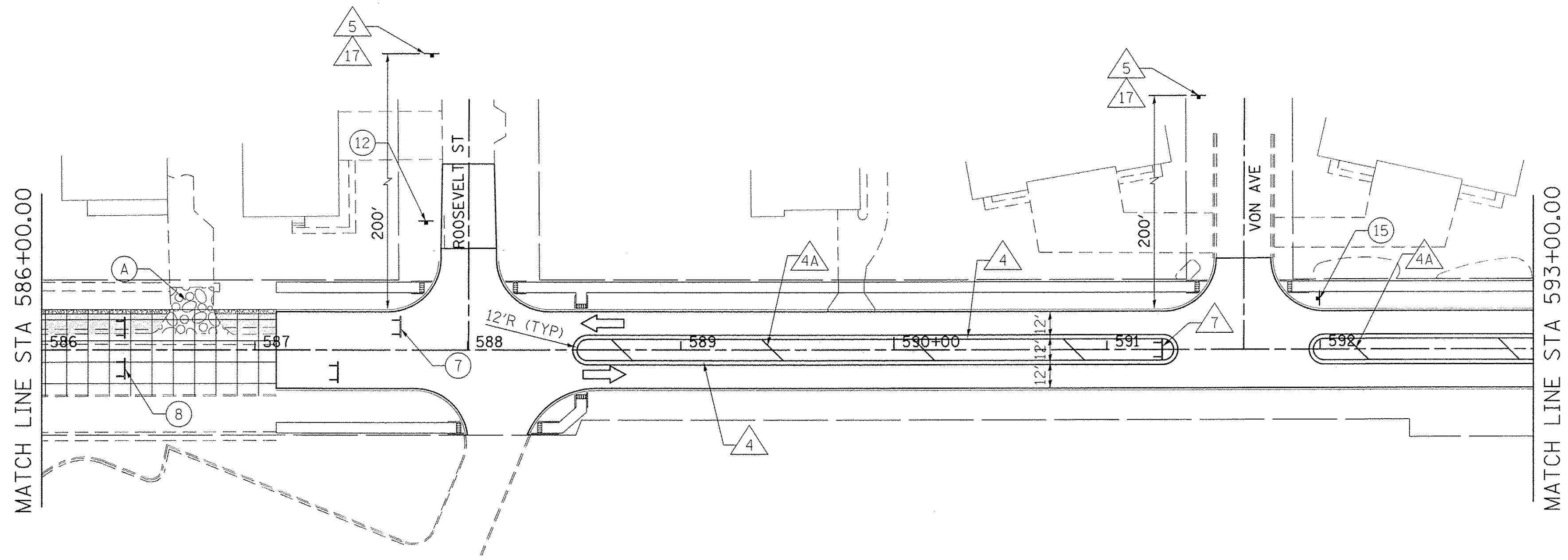
USER NAME = dmeyer	DESIGNED - YOS	REVISED -
DRAWN - DRR	REVISED -	
CHECKED - PSA	REVISED -	
DATE - 06/17/16	REVISED -	
PLOT SCALE = 40.0000' / 1" =		
PLOT DATE = 6/24/2016		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

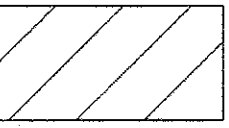

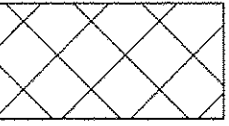
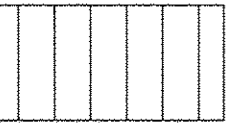
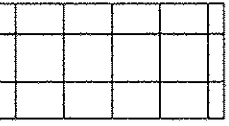
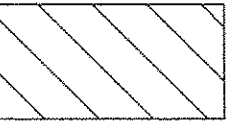
STAGE 3 CONSTRUCTION

SCALE: 1"=40' SHEET 9 OF 12 SHEETS STA. 01+52.30 TO STA. 586+00.00

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 54
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT M-9003(989)		



LEGEND

-  STAGE 1A
-  STAGE 1B
-  STAGE 1C
-  STAGE 2
-  STAGE 3
-  STAGE 4

NOTES:
 1. MAINTAIN ACCESS TO RESIDENT DRIVEWAYS AT ALL TIMES.
 2. SEE DETOUR PLAN FOR ADVANCE SIGNING.

Farnsworth GROUP
 1144 W. JEFFERSON STREET
 SHOREWOOD, ILLINOIS 60404
 (815) 744-6940 / info@f-w.com

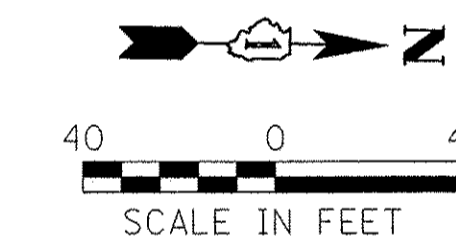
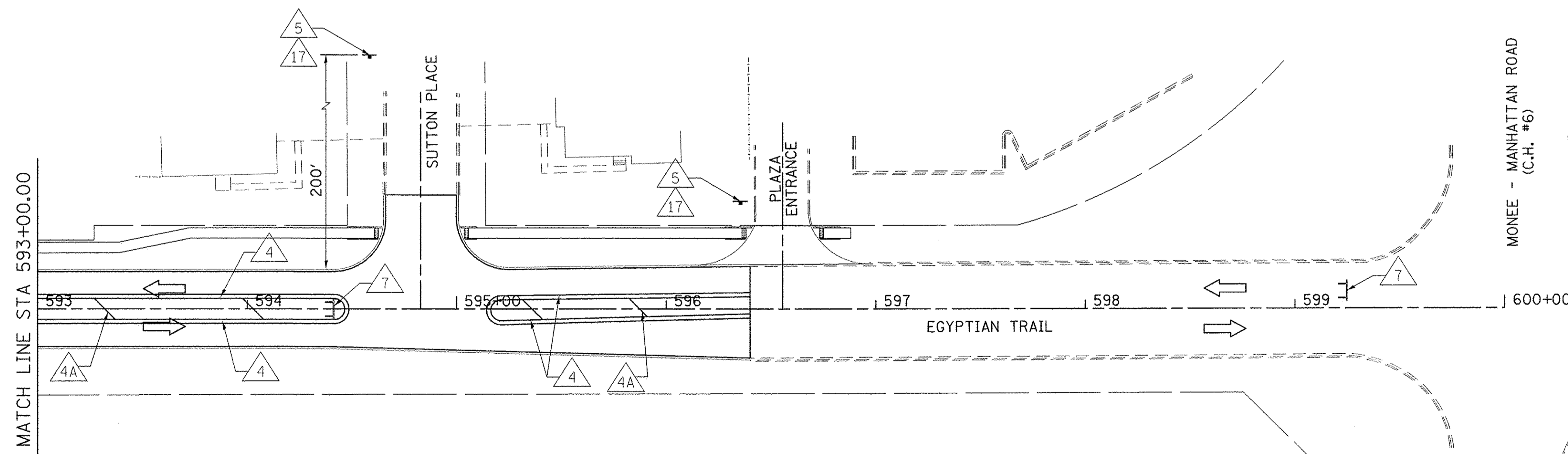
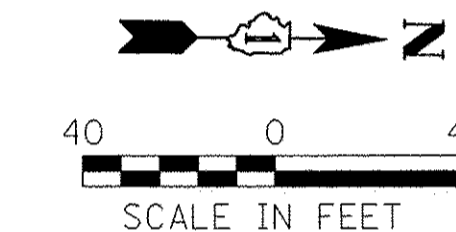
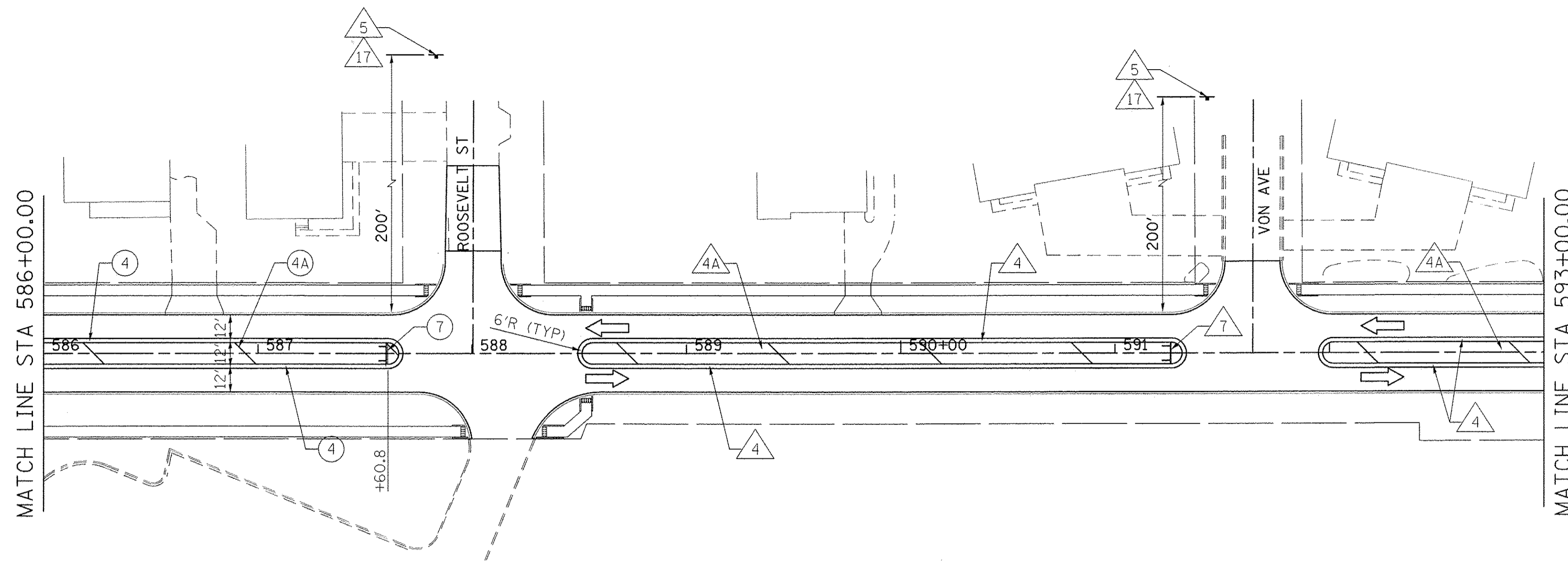
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PLOT SCALE = 40.0000' / 1" =	DRAWN - DRR	REVISED -
PLOT DATE = 6/24/2016	CHECKED - PSA	REVISED -
	DATE - 06/17/16	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

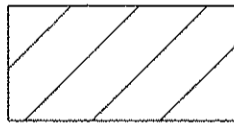
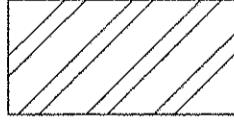
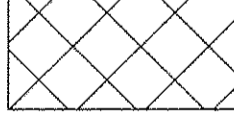

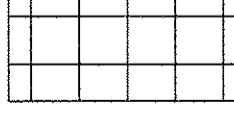
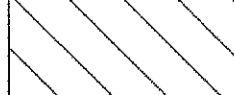
STAGE 3 CONSTRUCTION

SCALE: 1"=40' SHEET 10 OF 12 SHEETS STA. 586+00.00 TO STA. 596+40.00

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 55
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		M-9003(989)



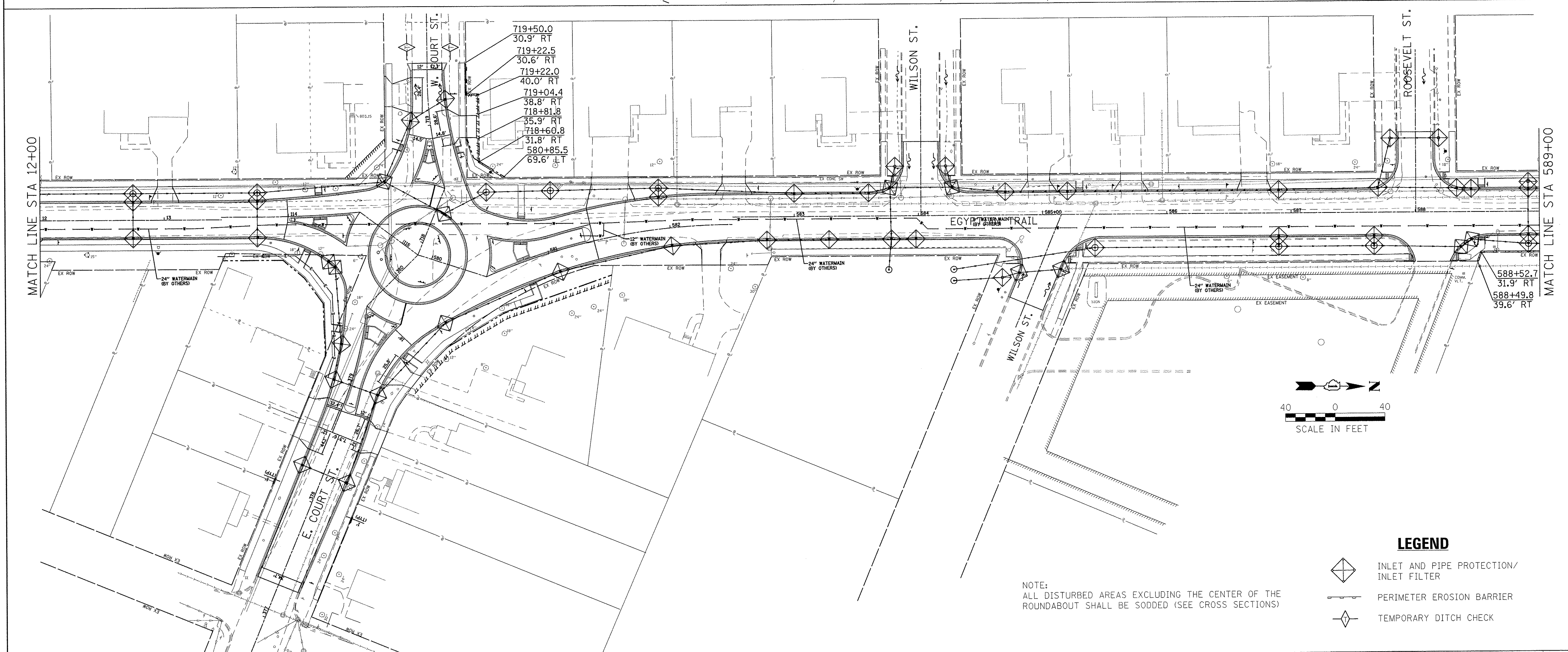
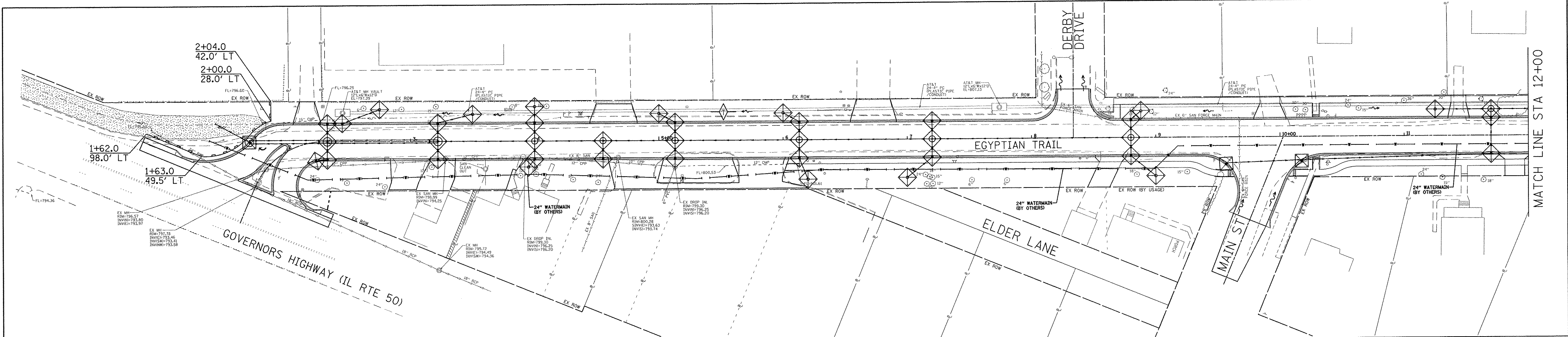
LEGEND

-  STAGE 1A
-  STAGE 1B
-  STAGE 1C
-  STAGE 2
-  STAGE 3
-  STAGE 4




NOTES:
 1. MAINTAIN ACCESS TO RESIDENT DRIVEWAYS AT ALL TIMES.
 2. SEE DETOUR PLAN FOR ADVANCE SIGNING.

USER NAME = dmeyer	DESIGNED - YOS	REVISED -
	DRAWN - DRR	REVISED -
PLOT SCALE = 40.0000' / 1" =	CHECKED - PSA	REVISED -
PLOT DATE = 6/24/2016	DATE - 06/17/16	REVISED -

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 57
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-9003(989)				



NOTE:
ALL DISTURBED AREAS EXCLUDING THE CENTER OF THE
ROUNDBOUT SHALL BE SODDED (SEE CROSS SECTIONS)

- LEGEND**
-  INLET AND PIPE PROTECTION/
INLET FILTER
 -  PERIMETER EROSION BARRIER
 -  TEMPORARY DITCH CHECK

Farnsworth GROUP
1144 W. JEFFERSON STREET
SHOREWOOD, ILLINOIS 60404
(815) 744-6940 / info@f-w.com

USER NAME = dmeyer
PLOT SCALE = 40.0000' / 1" =
PLOT DATE = 6/24/2016

DESIGNED - KLM
DRAWN - DRR
CHECKED - PSA
DATE - 06/17/16

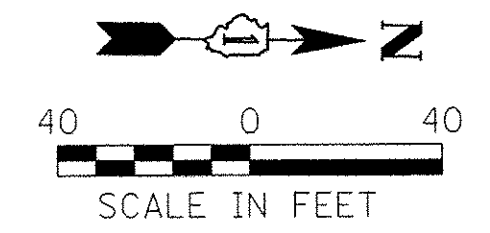
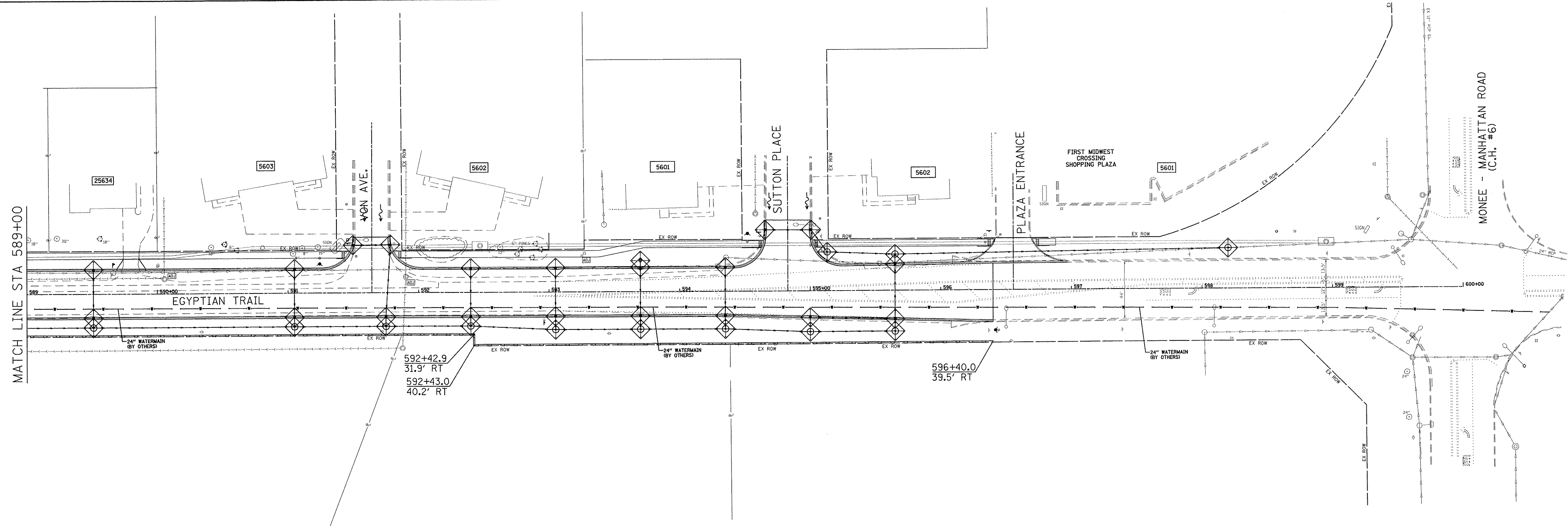
REVISED -
REVISED -
REVISED -
REVISED -

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

EROSION CONTROL PLAN "SWPPP"

SCALE: 1"=40' SHEET 1 OF 2 SHEETS STA. 1+52.30 TO STA. 589+00

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 58
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT M-9003(989)		



NOTE:
ALL DISTURBED AREAS EXCLUDING THE CENTER OF THE ROUNDABOUT SHALL BE SODDED (SEE CROSS SECTIONS)

- LEGEND**
-  INLET AND PIPE PROTECTION/
INLET FILTER
 -  PERIMETER EROSION BARRIER
 -  TEMPORARY DITCH CHECK

Farnsworth GROUP
1144 W. JEFFERSON STREET
SHOREWOOD, ILLINOIS 60404
(815) 744-6940 / info@f-w.com

USER NAME = dmeyer	DESIGNED - KLM	REVISED -
	DRAWN - DRR	REVISED -
PLOT SCALE = 40,0000' / 1"	CHECKED - PSA	REVISED -
PLOT DATE = 6/24/2016	DATE - 06/17/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

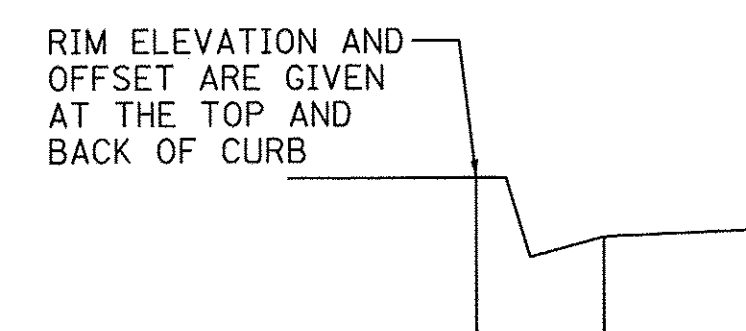
EROSION CONTROL PLAN "SWPPP"

SCALE: 1"=40' SHEET 2 OF 2 SHEETS STA. 589+00 TO STA. 596+40

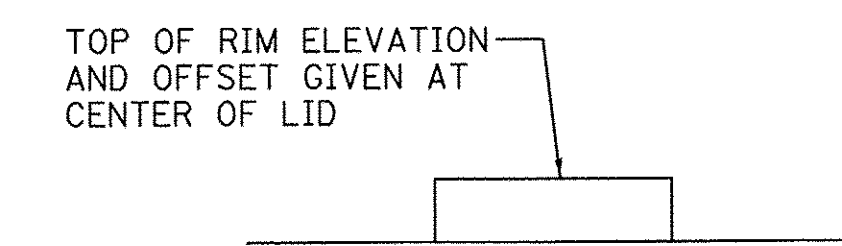
F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 59
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO. [ILLINOIS]		FED. AID PROJECT M-90031989		

DRAINAGE STRUCTURE SCHEDULE										
STRUCTURE NO.	STATION	ALIGNMENT	OFFSET (FT)	STRUCTURE TYPE	TOP OF CURB OR RIM ELEV. (FT)	PIPE FLOWLINE INVERTS				PAY ITEM NO.
3	3+22.0	EGYPTIAN TRAIL	0.0' RT	MANHOLES, TYPE A, 7' -DIAMETER, TYPE 1 FRAME, CLOSED LID	798.26	N=794.53	E=794.75	S=794.52	W=794.75	60224446
4	4+00.0	EGYPTIAN TRAIL	0.0' RT	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 1 FRAME, CLOSED LID	799.12	N=795.23	E=795.63	S=794.75	W=795.63	60221100
5	4+55.0	EGYPTIAN TRAIL	0.0' RT	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	799.83	N=795.50	E=796.35	S=795.48		60218400
6	5+13.0	EGYPTIAN TRAIL	0.0' RT	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	800.86	N=796.27	E=795.88	S=795.77	W=796.34	60218400
7	6+13.0	EGYPTIAN TRAIL	0.0' RT	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	803.18	N=799.68	E=799.89	S=798.00	W=799.20	60218400
8	7+20.0	EGYPTIAN TRAIL	0.0' RT	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	805.73	N=802.24	E=802.33	S=802.00	W=802.33	60218400
10	8+80.0	EGYPTIAN TRAIL	0.0' RT	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	809.33	E=805.94	S=805.75	W=805.94		60218400
11	2+75.0	EGYPTIAN TRAIL	26.0' LT	INLETS, TYPE A, WITH SPECIAL FRAME AND GRATE	796.00	S=794.65				X6023508
12	2+45.0	EGYPTIAN TRAIL	15.6' LT	INLETS, TYPE B, TYPE 3V FRAME AND GRATE	797.66	N=794.50	S=794.48			60240220
13	2+33.0	EGYPTIAN TRAIL	15.6' LT	INLETS, TYPE B, TYPE 3V FRAME AND GRATE	797.62	N=794.43	E=794.41			60240220
14	3+22.0	EGYPTIAN TRAIL	15.6' LT	INLETS, TYPE B, TYPE 3V FRAME AND GRATE	798.42	N=794.81	E=794.81			X6020075
15	3+22.0	EGYPTIAN TRAIL	15.6' RT	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	798.42	W=794.87				X6020074
16	4+00.0	EGYPTIAN TRAIL	15.6' LT	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	799.28	E=795.75	W=795.95			X6020074
17	4+00.0	EGYPTIAN TRAIL	15.6' RT	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	799.28	SE=795.75	W=795.75			X6020074
18	4+55.0	EGYPTIAN TRAIL	15.6' RT	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	799.99	W=796.47				X6020074
19	5+13.0	EGYPTIAN TRAIL	15.6' LT	INLETS, TYPE B, TYPE 3V FRAME AND GRATE	801.02	E=796.46	SW=796.67			X6020075
20	5+13.0	EGYPTIAN TRAIL	15.6' RT	INLETS, TYPE B, TYPE 3V FRAME AND GRATE	801.02	E=796.10	W=796.00			X6020075
21	6+13.0	EGYPTIAN TRAIL	15.6' LT	INLETS, TYPE B, TYPE 3V FRAME AND GRATE	803.34	E=799.33	SW=799.53			X6020075
22	6+13.0	EGYPTIAN TRAIL	15.6' RT	INLETS, TYPE B, TYPE 3V FRAME AND GRATE	803.34	NE=800.20	W=800.00			X6020075
23	7+20.0	EGYPTIAN TRAIL	15.6' LT	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	805.89	E=802.45				X6020074
24	7+20.0	EGYPTIAN TRAIL	15.6' RT	INLETS, TYPE B, TYPE 3V FRAME AND GRATE	805.89	SE=803.00	W=802.45			X6020075
25	7+00.0	EGYPTIAN TRAIL	31.0' RT	INLETS, TYPE A, TYPE 8 GRATE	805.25	NW=803.12				60236200
26	8+80.0	EGYPTIAN TRAIL	15.6' LT	INLETS, TYPE B, TYPE 3V FRAME AND GRATE	809.49	NW=806.45	E=806.00			X6020075
27	8+80.0	EGYPTIAN TRAIL	15.6' RT	INLETS, TYPE B, TYPE 3V FRAME AND GRATE	809.49	NE=806.26	W=806.00			X6020075
28	4+00.0	EGYPTIAN TRAIL	28.0' LT	INLETS, TYPE A, WITH SPECIAL FRAME AND GRATE	798.20	E=796.07				X6023508
29	3+50.0	EGYPTIAN TRAIL	22.0' LT	INLETS, TYPE A, WITH SPECIAL FRAME AND GRATE	797.50	S=794.95				X6023508
30	5+00.0	EGYPTIAN TRAIL	22.0' LT	INLETS, TYPE A, WITH SPECIAL FRAME AND GRATE	799.30	NE=796.80				X6023508
31	6+00.0	EGYPTIAN TRAIL	22.0' LT	INLETS, TYPE A, WITH SPECIAL FRAME AND GRATE	801.60	NE=799.60				X6023508
32	8+88.0	EGYPTIAN TRAIL	22.0' LT	INLETS, TYPE A, TYPE 8 GRATE	808.60	SE=806.50				60236200
33	9+00.0	EGYPTIAN TRAIL	31.0' RT	INLETS, TYPE A, TYPE 8 GRATE	809.70	SW=806.50				60236200
34	6+20.0	EGYPTIAN TRAIL	32.0' RT	INLETS, TYPE A, WITH SPECIAL FRAME AND GRATE	803.24	SW=800.37				X6023508
35	3+95.0	EGYPTIAN TRAIL	21.0' RT	INLETS, TYPE A, TYPE 8 GRATE	799.25	NW=795.85				60236200
100	1+82.9	EGYPTIAN TRAIL	25.2' LT	MANHOLES, TYPE A, 7' -DIAMETER, TYPE 3 FRAME AND GRATE	797.33	N=794.08	SW=794.08			60224447
101	2+33.0	EGYPTIAN TRAIL	0.0' RT	MANHOLES, TYPE A, 7' -DIAMETER, TYPE 1 FRAME, CLOSED LID	797.46	N=794.27	E=794.35	S=794.26	W=794.35	60224446
106	2+33.0	EGYPTIAN TRAIL	15.6' RT	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	797.62	S=794.41	W=794.41			60235700
107	2+22.6	EGYPTIAN TRAIL	16.0' RT	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	797.61	N=794.46				60235700
116	1+78.5	EGYPTIAN TRAIL	53.8' LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	794.00	NE=794.00	S=780.00			54213669
148	598+20.0	EGYPTIAN TRAIL	31.3' LT	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	788.47	N=784.03 (EX)	S=784.03			60218400
300	9+56.0	EGYPTIAN TRAIL	22.6' RT	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	809.42	N=806.05				X6020074
301	10+18.0	EGYPTIAN TRAIL	20.7' RT	INLETS, TYPE B, TYPE 3V FRAME AND GRATE	809.34	N=805.76	S=805.76			X6020075
302	11+70.0	EGYPTIAN TRAIL	15.6' RT	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	808.03	S=805.01	W=804.81			X6020074
303	11+70.0	EGYPTIAN TRAIL	15.6' LT	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	808.03	E=804.67	W=804.50			X6020074
304	11+25.0	EGYPTIAN TRAIL	21.5' LT	INLETS, TYPE A, TYPE 8 GRATE	807.75	N=805.00				60236200
305	11+70.0	EGYPTIAN TRAIL	21.5' LT	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	807.55	N=804.00	E=804.47	S=804.58		60218400
306	12+75.0	EGYPTIAN TRAIL	15.6' RT	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	806.65	W=803.00				X6020074

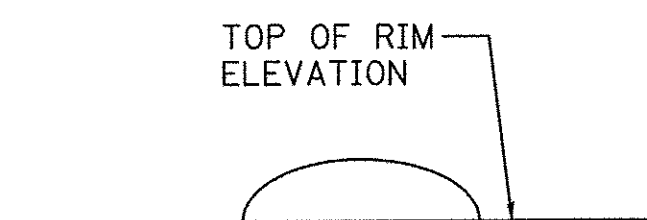
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TYPE 3 OR 3V FRAME & GRATE



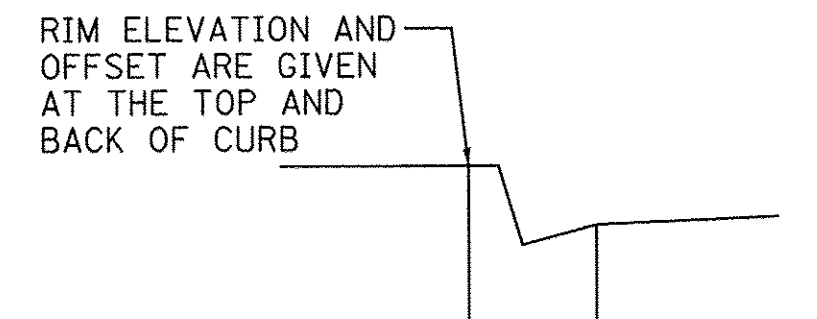
TYPE 1 FRAME AND CLOSED LID



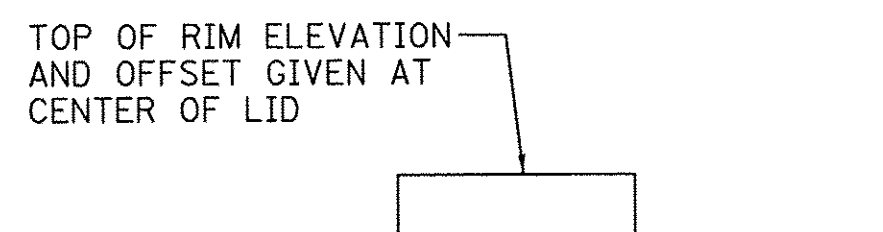
TYPE 8 OR SPECIAL GRATE

DRAINAGE STRUCTURE SCHEDULE										
STRUCTURE NO.	STATION	ALIGNMENT	OFFSET (FT)	STRUCTURE TYPE	TOP OF CURB OR RIM ELEV. (FT)	PIPE FLOWLINE INVERTS				PAY ITEM NO.
307	12+75.0	EGYPTIAN TRAIL	15.6' LT	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	806.65	E=802.71	W=802.50			X6020074
308	12+75.0	EGYPTIAN TRAIL	21.5' LT	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 8 GRATE	806.35	N=801.50	E=802.43	S=801.98		60219000
309	113+75.0	EGYPTIAN TRAIL	17.6' RT	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	804.25	W=801.50				X6020074
310	113+75.0	EGYPTIAN TRAIL	14.1' LT	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	804.32	E=801.21	W=801.00			X6020074
311	113+75.0	EGYPTIAN TRAIL	19.5' LT	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	803.25	N=799.50	E=800.97	S=799.58		60218400
312	719+20.0	COURT STREET	14.9' RT	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	799.37	SE=796.00				X6020074
313	719+05.4	COURT STREET	16.5' LT	INLETS, TYPE B, TYPE 3V FRAME AND GRATE	800.04	NW=795.84	SE=795.80			X6020075
314	114+58.1	EGYPTIAN TRAIL	31.6' LT	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 3V FRAME AND GRATE	801.71	NW=795.54	NE=795.00	S=797.55		60219570
315	579+98.3	EGYPTIAN TRAIL	37.2' LT	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 11 FRAME AND GRATE	801.59	NW=793.81	SW=794.74			60219300
316	580+70.5	EGYPTIAN TRAIL	63.2' LT	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 8 GRATE	799.00	N=793.43	SE=793.63			60219000
316A	581+15.0	EGYPTIAN TRAIL	48.1' LT	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 8 GRATE	799.40	S=793.19	N=793.17			60219000
317	581+93.6	EGYPTIAN TRAIL	26.7' LT	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	798.86	W=795.50				X6020074
318	581.94.3	EGYPTIAN TRAIL	33.0' LT	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	798.98	N=792.55	E=795.46	S=792.75		60218400
319	583+00.0	EGYPTIAN TRAIL	19.6' LT	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 3V FRAME AND GRATE	798.02	N=791.80	S=792.01			60219570
320	583+60.0	EGYPTIAN TRAIL	19.6' LT	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 3V FRAME AND GRATE	797.57	N=791.30	S=791.50			60219570
321	583+81.0	EGYPTIAN TRAIL	40.0' LT	INLETS, TYPE B, TYPE 8 GRATE	797.00	E=794.00	W=794.30 (EX 12")			60240301
322	583+76.9	EGYPTIAN TRAIL	23.4' LT	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 3 FRAME AND GRATE	797.52	N=791.02	E=791.00	S=791.22	W=793.84	60221200
323	585+20.0	EGYPTIAN TRAIL	19.6' LT	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 3V FRAME AND GRATE	798.21	N=791.86	S=791.80			60219570
324	584+70.0	EGYPTIAN TRAIL	19.6' LT	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 3V FRAME AND GRATE	797.79	N=791.56	S=791.50			60219570
325	584+22.0	EGYPTIAN TRAIL	40.0' LT	INLETS, TYPE A, TYPE 8 GRATE	796.30	E=793.50				60236200
326	584+27.5	EGYPTIAN TRAIL	23.4' LT	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 3V FRAME AND GRATE	798.50	N=791.29	S=791.25	W=793.35		60219570
327	379+67.5	COURT STREET	47.0' LT	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	803.14	NE=800.00				60235700
328	379+68.0	COURT STREET	40.2' LT	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	803.15	E=799.84	SW=799.93			60240220
329	379+30.2	COURT STREET	16.7' LT	INLETS, TYPE B, TYPE 3V FRAME AND GRATE	804.14	E=799.14	W=799.20			X6020075
330	378+25.0	COURT STREET	19.6' LT	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	806.22	N=802.28				X6020074
331	378+99.3	COURT STREET	15.2' LT	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 3V FRAME AND GRATE	805.36	N=798.76	W=798.85			60219570
332	378+98.3	COURT STREET	24.3' RT	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 3V FRAME AND GRATE	805.17	NW=798.00	E=800.99	S=798.39		60219570
333	380+00.2	COURT STREET	55.5' RT	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 3V FRAME AND GRATE	803.37	NW=797.22	SE=797.22			60219570
334	581+04.7	EGYPTIAN TRAIL	17.7' RT	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 3V FRAME AND GRATE	800.84	N=795.75	SE=795.75			60219570
335	582+78.0	EGYPTIAN TRAIL	19.6' RT	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 3V FRAME AND GRATE	798.20	N=793.24	S=793.24			60219570
336	583+28.0	EGYPTIAN TRAIL	19.6' RT	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 3V FRAME AND GRATE	797.78	N=792.52	S=792.52			60219570
337	583+98.0	EGYPTIAN TRAIL	19.6' RT	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	797.49	S=794.00				X6020074
338	583+78.2	EGYPTIAN TRAIL	19.6' RT	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 3V FRAME AND GRATE	797.51	N=793.82	E=790.80	S=791.78	W=790.80	60222270
340	582+00.0	EGYPTIAN TRAIL	15.3' RT	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 3V FRAME AND GRATE	799.45	N=794.37	S=794.40			60219570
341	378+25.0	COURT STREET	20.8' RT	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	806.22	W=801.72	S=801.92			X6020074
ROW INTENTIONALLY LEFT BLANK										
402	585+42.0	EGYPTIAN TRAIL	27.0' RT	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	799.00	N=787.96	S=787.96			60218400
403	586+90.0	EGYPTIAN TRAIL	27.0' RT	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	798.30	N=787.53	S=787.53	W=793.44		60218400
404	587+66.8	EGYPTIAN TRAIL	27.0' RT	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 1 FRAME, CLOSED LID	797.80	N=787.31	S=787.31	W=793.46		60221100
405	588+36.2	EGYPTIAN TRAIL	29.8' RT	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 3 FRAME AND GRATE	797.10	NW=787.11	S=787.11			60221200
407	588+91.0	EGYPTIAN TRAIL	26.0' RT	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 1 FRAME, CLOSED LID	797.40	N=786.95	S=786.95	W=793.16		60221100
408	589+51.0	EGYPTIAN TRAIL	26.0' RT	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 1 FRAME, CLOSED LID	797.60	N=786.78	S=786.79	W=793.40		60221100
409	591+05.0	EGYPTIAN TRAIL	26.0' RT	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 1 FRAME, CLOSED LID	797.70	N=786.33	S=786.33	W=793.90		60221100
411	591+75.0	EGYPTIAN TRAIL	26.0' RT	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 1 FRAME, CLOSED LID	797.50	N=786.13	S=786.13	W=792.74		60221100
412	592+40.0	EGYPTIAN TRAIL	26.0' RT	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 1 FRAME, CLOSED LID	797.40	N=785.95	S=785.95	W=792.89		60221100

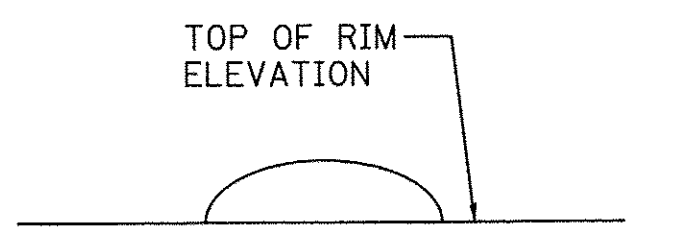
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TYPE 3 OR 3V FRAME & GRATE



TYPE 1 FRAME AND CLOSED LID



TYPE 8 OR SPECIAL GRATE



USER NAME - dmayer	DESIGNED - KLM	REVISED -
PLOT SCALE = 1:8000' / in.	DRAWN - DRR	REVISED -
PLOT DATE = 6/24/2016	CHECKED - PSA	REVISED -
	DATE - 06/17/16	REVISED -

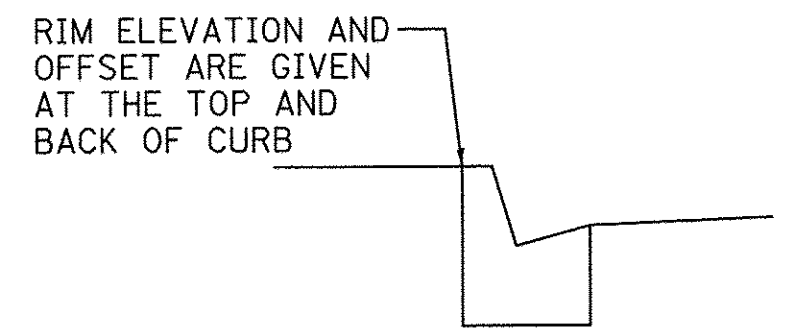
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE SCHEDULE

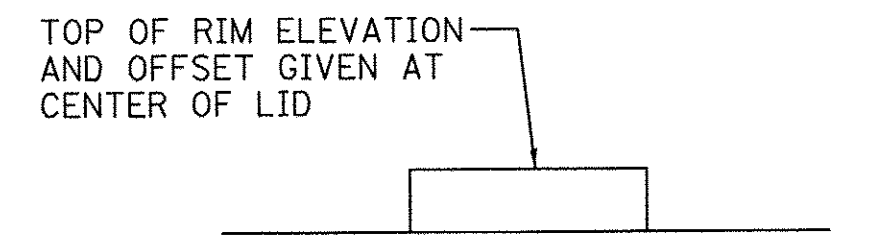
SCALE: N.T.S. SHEET 2 OF 6 SHEETS STA. 01+52.30 TO STA. 596+40.00

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 61
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-9003(989)				

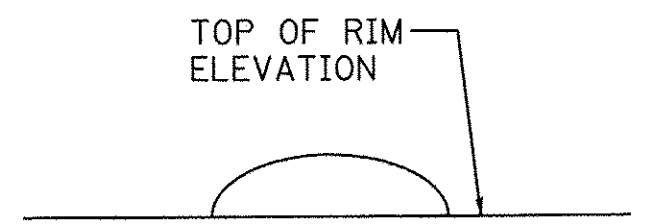
DRAINAGE STRUCTURE SCHEDULE										
STRUCTURE NO.	STATION	ALIGNMENT	OFFSET (FT)	STRUCTURE TYPE	TOP OF CURB OR RIM ELEV. (FT)	PIPE FLOWLINE INVERTS			PAY ITEM NO.	
413	593+05.0	EGYPTIAN TRAIL	29.0' RT	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	797.10	N=785.77	S=785.77	W=792.36	60221100	
414	593+70.0	EGYPTIAN TRAIL	29.0' RT	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	796.30	N=785.59	S=785.59	W=792.14	60221100	
415	594+35.0	EGYPTIAN TRAIL	29.0' RT	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	795.60	N=785.41	S=785.41	W=791.37	60221100	
416	595+00.0	EGYPTIAN TRAIL	31.5' RT	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	794.80	N=785.23	S=785.23		X6020094	
417	595+65.0	EGYPTIAN TRAIL	31.5' RT	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	793.70	S=785.05	W=785.05		60221100	
418	595+65.0	EGYPTIAN TRAIL	23.0' RT	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3V FRAME AND GRATE	793.62	E=785.03	W=785.03		60219570	
419	595+65.0	EGYPTIAN TRAIL	21.1' LT	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3V FRAME AND GRATE	793.62	E=784.91	W=784.91		60219570	
501	585+15.3	EGYPTIAN TRAIL	44.5' RT	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	799.00	S=794.00			X6020074	
502	584+79.9	EGYPTIAN TRAIL	46.2' RT	INLETS, TYPE B, TYPE 3V FRAME AND GRATE	798.62	N=793.70	S=793.50		X6020075	
503	584+67.3	EGYPTIAN TRAIL	50.5' RT	INLETS, TYPE B, TYPE 8 GRATE	797.35	N=793.38	S=793.00		60240301	
505	588+91.0	EGYPTIAN TRAIL	24.0' LT	INLETS, TYPE A, TYPE 8 GRATE	797.20	E=794.00			60236200	
507	586+90.0	EGYPTIAN TRAIL	19.6' LT	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3V FRAME AND GRATE	797.87	N=792.70	S=792.70		60219570	
508	586+90.0	EGYPTIAN TRAIL	18.0' RT	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	797.87	E=793.50			X6020074	
509	587+66.8	EGYPTIAN TRAIL	19.6' RT	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	797.29	E=793.50			X6020074	
510	587+84.0	EGYPTIAN TRAIL	60.0' LT	INLETS, TYPE A, TYPE 8 GRATE	796.80	N=793.63	E=793.63		60236200	
511	588+19.0	EGYPTIAN TRAIL	60.0' LT	INLETS, TYPE A, TYPE 8 GRATE	796.80	S=794.00			60236200	
512	587+70.0	EGYPTIAN TRAIL	20.8' LT	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3V FRAME AND GRATE	797.27	N=793.14	S=793.10	W=793.63	60219570	
513	588+33.2	EGYPTIAN TRAIL	20.2' LT	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	796.88	N=793.45	S=793.45		60235700	
514	588+45.0	EGYPTIAN TRAIL	19.6' LT	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	796.86	S=793.50			60235700	
515	588+45.0	EGYPTIAN TRAIL	23.4' RT	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 3 FRAME AND GRATE	796.78	N=787.08	SE=787.08		60221200	
516	588+91.0	EGYPTIAN TRAIL	19.6' LT	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	797.00	E=793.77	W=793.97		X6020074	
517	588+91.0	EGYPTIAN TRAIL	19.6' RT	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	797.00	E=793.20	W=793.40		X6020074	
518	589+51.0	EGYPTIAN TRAIL	19.6' LT	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	797.48	E=794.00			X6020074	
519	589+51.0	EGYPTIAN TRAIL	19.6' RT	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	797.48	E=793.43	W=793.64		X6020074	
601	591+05.0	EGYPTIAN TRAIL	19.6' RT	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	797.75	E=793.93	W=794.14		X6020074	
602	591+05.0	EGYPTIAN TRAIL	19.6' LT	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	797.75	E=794.50			X6020074	
603	591+48.8	EGYPTIAN TRAIL	37.0' LT	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	797.71	N=794.00			X6020074	
604	591+79.1	EGYPTIAN TRAIL	37.0' LT	INLETS, TYPE B, TYPE 3V FRAME AND GRATE	797.71	E=793.52	S=793.72		X6020075	
607	591+75.0	EGYPTIAN TRAIL	19.6' RT	INLETS, TYPE B, TYPE 3V FRAME AND GRATE	797.47	E=792.77	W=792.96		X6020075	
608	592+40.0	EGYPTIAN TRAIL	19.6' LT	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	797.21	E=793.50			X6020074	
609	592+40.0	EGYPTIAN TRAIL	19.6' RT	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	797.21	E=792.92	W=793.13		X6020074	
610	593+05.0	EGYPTIAN TRAIL	19.6' LT	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	796.83	E=793.00			X6020074	
611	593+05.0	EGYPTIAN TRAIL	19.6' RT	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	796.83	E=792.42	W=792.64		X6020074	
612	593+70.0	EGYPTIAN TRAIL	19.6' LT	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	796.15	E=792.77	W=792.67		X6020074	
613	593+70.0	EGYPTIAN TRAIL	19.6' RT	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	796.15	E=792.20	W=792.30		X6020074	
614	594+35.0	EGYPTIAN TRAIL	19.6' LT	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	795.40	E=792.00			X6020074	
615	594+35.0	EGYPTIAN TRAIL	19.6' RT	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	795.40	E=791.43	W=791.64		X6020074	
616	595+00.0	EGYPTIAN TRAIL	21.2' RT	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	794.58	E=791.00			X6020074	
617	594+64.6	EGYPTIAN TRAIL	47.4' LT	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	794.50	N=791.50			X6020074	
618	595+01.5	EGYPTIAN TRAIL	47.2' LT	INLETS, TYPE B, TYPE 3V FRAME AND GRATE	794.50	NE=791.15	S=791.33		X6020075	
619	595+13.0	EGYPTIAN TRAIL	30.0' LT	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	794.35	N=790.76	SW=790.95		60218400	
620	595+65.0	EGYPTIAN TRAIL	28.0' LT	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	793.76	N=784.78	E=784.90	S=790.28	60218400	
622	593+70.0	EGYPTIAN TRAIL	24.0' LT	INLETS, TYPE A, TYPE 8 GRATE	794.80	E=792.80			60236200	
EX1	5+12.9	EGYPTIAN TRAIL	21.0' RT	EXISTING STRUCTURE	799.30 (EX)	W=796.20 (PR)			N/A	



TYPE 3 OR 3V FRAME & GRATE



TYPE 1 FRAME AND CLOSED LID



TYPE 8 OR SPECIAL GRATE

STORM SEWER SCHEDULE						
FROM	TO	DESCRIPTION	LENGTH (FT)	SLOPE	PAY ITEM NO.	59300100 CLSM (CU YD)
3	101	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 18"	2 x 87 FT	0.30%	550A4000	34
4	3	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 24"	73	0.30%	550A2360	15
5	4	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 18"	51	0.50%	550A2340	13
6	5	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 18"	54	0.50%	550A2340	16
7	6	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 15"	96	1.80%	550A2530	33
8	7	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 15"	103	2.25%	Z0056650	27
10	8	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 15"	156	2.25%	Z0056650	26
11	12	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	31	0.50%	Z0056648	1
12	13	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	10	0.50%	Z0056648	2
13	101	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	12	0.50%	Z0056648	2
14	3	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	12	0.50%	Z0056648	2
15	3	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	12	1.00%	550A2320	2
16	4	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	12	1.00%	550A2320	3
17	4	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	12	1.00%	550A2320	3
18	5	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	13	1.00%	550A2320	3
19	6	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	13	1.00%	550A2320	4
20	6	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	13	1.00%	550A2520	4
21	7	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	13	1.00%	Z0056648	3
22	7	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	13	1.00%	Z0056648	3
23	8	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	13	1.00%	550A2320	2
24	8	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	13	1.00%	550A2320	2
25	24	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	24	0.50%	Z0056648	1
26	10	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	13	0.50%	550A2320	2
27	10	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	13	0.50%	550A2320	2
28	16	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	12	1.00%	Z0056648	1
29	14	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	29	0.50%	Z0056648	1
30	19	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	14	1.00%	Z0056648	1
31	21	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	15	0.50%	Z0056648	1
32	26	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	9	0.50%	550A2320	1
33	27	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	24	1.00%	Z0056648	1
34	22	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	18	1.00%	Z0056648	1
35	17	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	9	1.00%	Z0056648	1
100	116	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 24"	28	0.30%	550A2360	1
101	100	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 18"	2 x 120 FT	0.30%	550A4000	17
106	101	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	12	0.50%	550A2320	2
107	106	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	9	0.50%	550A2320	1
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ROW INTENTIONALLY LEFT BLANK						
300	301	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	59	0.50%	Z0056648	6
301	302	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	151	0.50%	Z0056648	14
302	303	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	29	0.50%	Z0056648	3
303	305	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	4	1.00%	550A2320	1
304	305	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	42	1.00%	550A2320	0
305	308	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	101	2.00%	550A2320	0
306	307	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	29	1.00%	Z0056648	5

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USER NAME = dmeyer	DESIGNED - KLM	REVISED -
	DRAWN - DRR	REVISED -
PLOT SCALE = 1.0000' / 1" =	CHECKED - PSA	REVISED -
PLOT DATE = 6/24/2016	DATE - 06/17/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE SCHEDULE

SCALE: N.T.S. SHEET 4 OF 6 SHEETS STA. 01+52.30 TO STA. 596+40.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2966	12-00024-00-FP	WILL	129	63
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT M-9003(989)		

STORM SEWER SCHEDULE						
FROM	TO	DESCRIPTION	LENGTH (FT)	SLOPE	PAY ITEM NO.	59300100 CLSM (CU YD)
307	308	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12''	4	2.23%	550A2320	1
308	311	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 15''	96	2.00%	550A2330	0
309	310	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12''	29	1.00%	Z0056648	2
310	311	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12''	3	1.00%	550A2320	1
311	314	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 15''	100	2.00%	Z0056650	1
312	313	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12''	32	0.50%	550A2320	5
313	314	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12''	52	0.50%	550A2320	14
314	315	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 18''	53	0.50%	550A2540	45
315	316	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 18''	36	0.50%	550A2540	26
316	316A	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 18''	48	0.50%	Z0056670	1
316A	318	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 18''	83	0.50%	Z0056670	0
317	318	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12''	4	1.00%	Z0056648	1
318	319	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 18''	109	0.50%	Z0056670	16
319	320	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 18''	60	0.50%	Z0056670	26
320	322	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 18''	16	0.50%	Z0056670	8
321	322	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12''	16	1.00%	Z0056648	1
322	338	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 24''	40	0.50%	Z0056672	21
323	324	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 18''	48	0.50%	Z0056670	22
324	326	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 18''	42	0.50%	Z0056670	21
325	326	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12''	16	1.00%	Z0056648	2
326	322	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 18''	48	0.50%	Z0056670	25
327	328	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12''	7	1.00%	550A2320	1
328	329	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 15''	64	1.00%	550A2330	2
329	331	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 15''	30	1.00%	550A2530	11
330	341	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12''	36	1.00%	550A2320	12
331	332	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 18''	37	1.00%	550A2540	19
332	333	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 18''	78	1.00%	550A2540	9
333	334	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 18''	99	1.50%	Z0056652	35
334	340	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 18''	91	1.50%	Z0056652	21
335	336	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 18''	48	1.50%	550A2340	14
336	338	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 18''	49	1.50%	550A2540	20
337	338	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12''	18	1.00%	550A2320	5
338	339	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 24''	21	0.50%	550A2560	12
340	335	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 18''	75	1.50%	550A2340	17
341	332	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12''	74	1.00%	550A2320	26
EX ROW	402	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12''	80	0.30%	550A2520	104
402	403	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12''	144	0.30%	550A2520	0
403	404	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12''	73	0.30%	550A2520	0
404	405	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 36''	66	0.30%	550A2600	83
405	515	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 36''	10	0.30%	550A2600	16
407	408	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 42''	55	0.30%	550A2610	0
408	409	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 42''	149	0.30%	550A2610	0
409	411	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 42''	65	0.30%	550A2610	0
411	412	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 42''	60	0.30%	550A2610	0
412	413	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 42''	61	0.30%	550A2610	0

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USER NAME = dmeyer	DESIGNED - KLM	REVISED -
PLOT SCALE = 1:10000' / 1" =	DRAWN - DRR	REVISED -
PLOT DATE = 6/24/2016	CHECKED - PSA	REVISED -
	DATE - 06/17/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE SCHEDULE

SCALE: N.T.S. SHEET 5 OF 6 SHEETS STA. 01+52.30 TO STA. 596+40.00

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 64
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT M-9003(989)				

STORM SEWER SCHEDULE						
FROM	TO	DESCRIPTION	LENGTH (FT)	SLOPE	PAY ITEM NO.	59300100 CLSM (CU YD)
413	414	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 42''	60	0.30%	550A2610	0
414	415	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 42''	60	0.30%	550A2610	0
415	416	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 42''	60	0.30%	550A2610	0
416	417	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 18''	60	0.30%	550A2540	0
417	418	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 18''	6	0.30%	550A2540	2
418	419	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 18''	42	0.30%	Z0056670	46
419	620	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 18''	5	0.30%	550A2540	2
501	502	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12''	33	1.00%	550A2520	9
502	503	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 12''	13	1.00%	Z0056668	1
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505	516	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12''	3	1.00%	Z0056648	1
507	323	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 18''	168	0.50%	Z0056670	64
508	403	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12''	7	1.00%	550A2320	1
509	404	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12''	5	1.00%	550A2320	1
510	512	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 15''	38	1.00%	550A2330	1
511	510	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12''	37	1.00%	550A2320	4
512	507	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 18''	79	0.50%	Z0056652	19
513	512	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 15''	62	0.50%	Z0056650	9
514	513	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12''	10	0.50%	Z0056648	1
515	407	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 42''	43	0.30%	550A2610	23
516	517	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12''	37	1.00%	Z0056648	4
517	407	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12''	4	1.00%	550A2320	1
518	519	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12''	37	1.00%	Z0056648	5
519	408	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12''	4	1.00%	550A2320	1
601	409	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12''	4	1.00%	550A2320	1
602	601	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12''	37	1.00%	Z0056648	4
603	604	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12''	28	1.00%	Z0056648	6
604	607	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 12''	57	1.00%	Z0056668	13
607	411	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12''	4	1.00%	550A2520	1
608	609	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12''	38	1.00%	Z0056648	6
609	412	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12''	4	1.00%	550A2320	1
610	611	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12''	37	1.00%	Z0056648	7
611	413	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12''	7	1.00%	550A2320	1
612	613	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12''	37	1.00%	Z0056648	5
613	414	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12''	7	1.00%	550A2320	1
614	615	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12''	37	1.00%	Z0056648	5
615	415	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12''	7	1.00%	550A2320	1
616	418	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12''	62	1.00%	550A2320	1
617	618	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12''	35	0.50%	550A2320	5
618	619	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12''	20	1.00%	Z0056648	3
619	620	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12''	49	1.00%	Z0056648	0
620	COLLAR	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 18''	162	0.30%	Z0056652	8
COLLAR	148	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 18''	90	0.30%	550A2340	8
622	612	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12''	3	1.00%	550A2320	1
EX1	20	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12''	5	2.00%	550A2320	0



USER NAME = dmeyer	DESIGNED - KLM	REVISED -
PLQT SCALE = 1:8000' / 1"	DRAWN - DRR	REVISED -
PLQT DATE = 6/24/2016	CHECKED - PSA	REVISED -
	DATE - 06/17/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

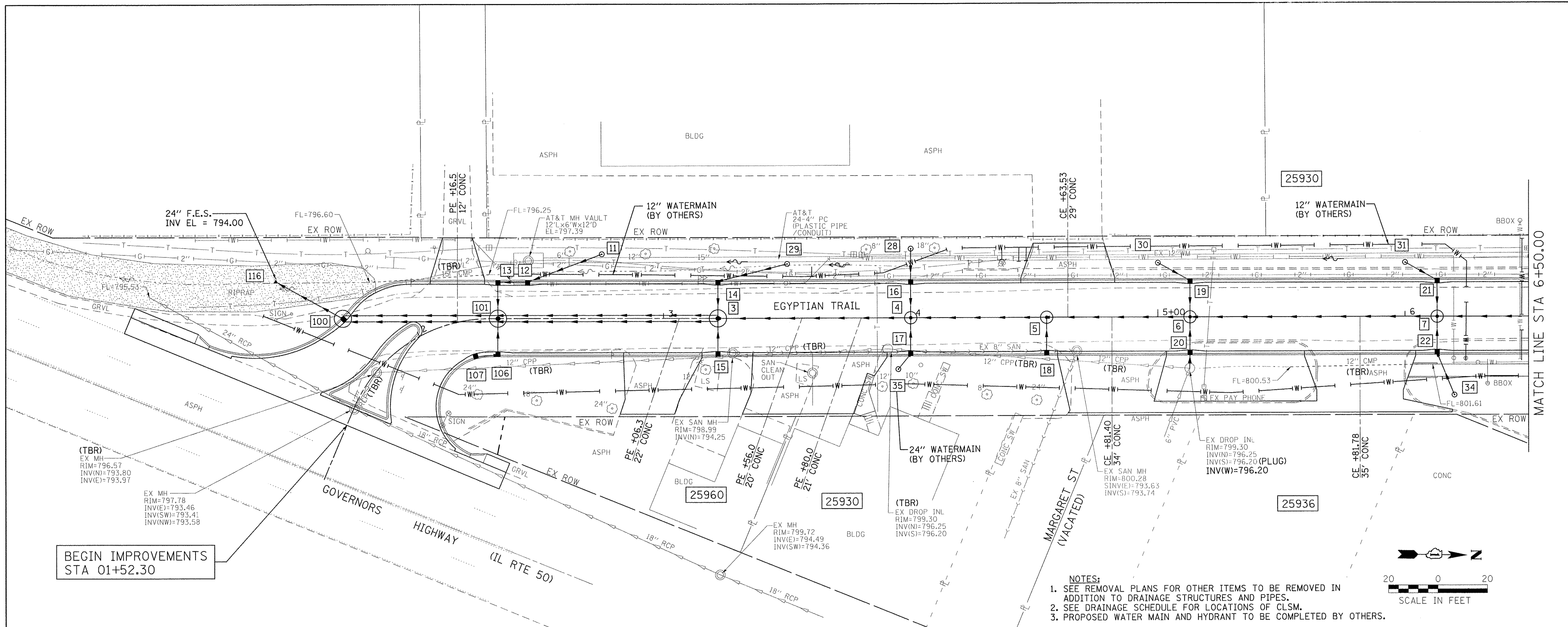
DRAINAGE SCHEDULE

SCALE: N.T.S. SHEET 6 OF 6 SHEETS STA. 01+52.30 TO STA. 596+40.00

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 65
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT M-9003(989)		

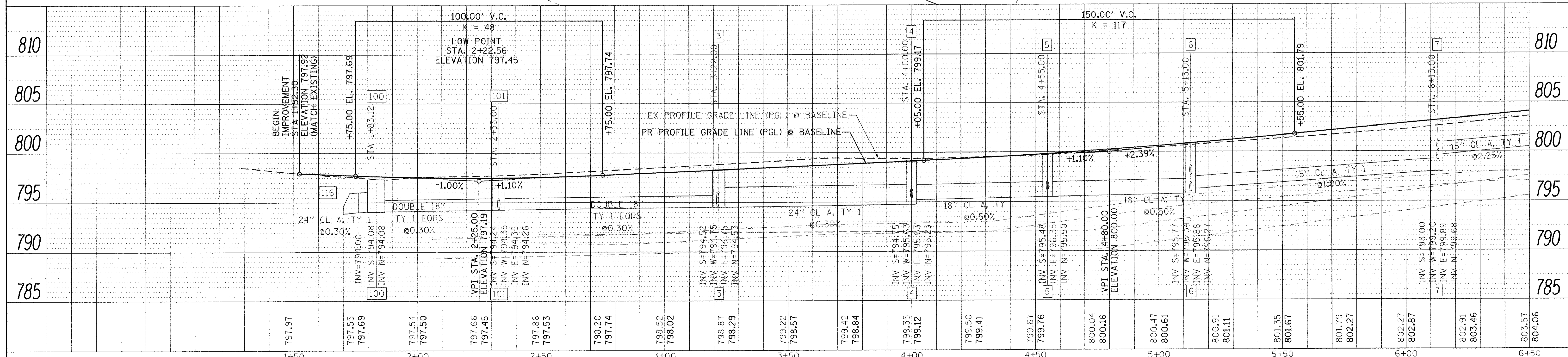
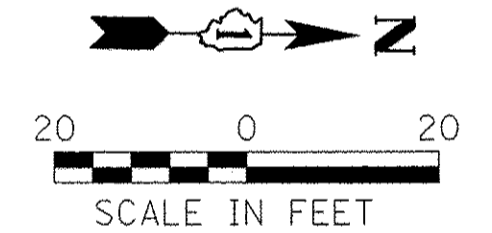
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BY	
PLAN	SURVEYED
	PLOTTED
	CHECKED
	RT. OF WAY CHECKED
	NO. _____
	CADD FILE NAME
	NO. _____

DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	CHECKED
	SAF. NOTED
	STRUCTURE NOTATIONS CHECKED
	NO. _____



BEGIN IMPROVEMENTS
STA 01+52.30

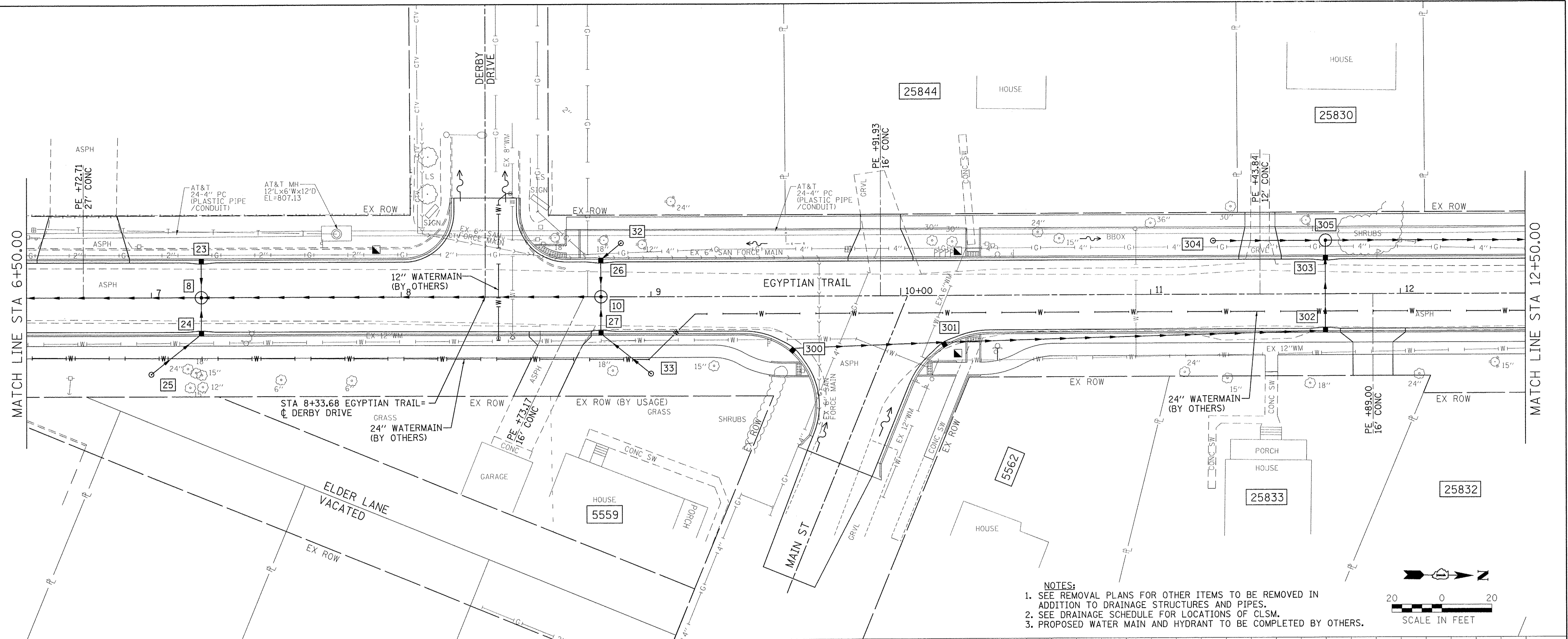
- NOTES:
- SEE REMOVAL PLANS FOR OTHER ITEMS TO BE REMOVED IN ADDITION TO DRAINAGE STRUCTURES AND PIPES.
 - SEE DRAINAGE SCHEDULE FOR LOCATIONS OF CLSM.
 - PROPOSED WATER MAIN AND HYDRANT TO BE COMPLETED BY OTHERS.



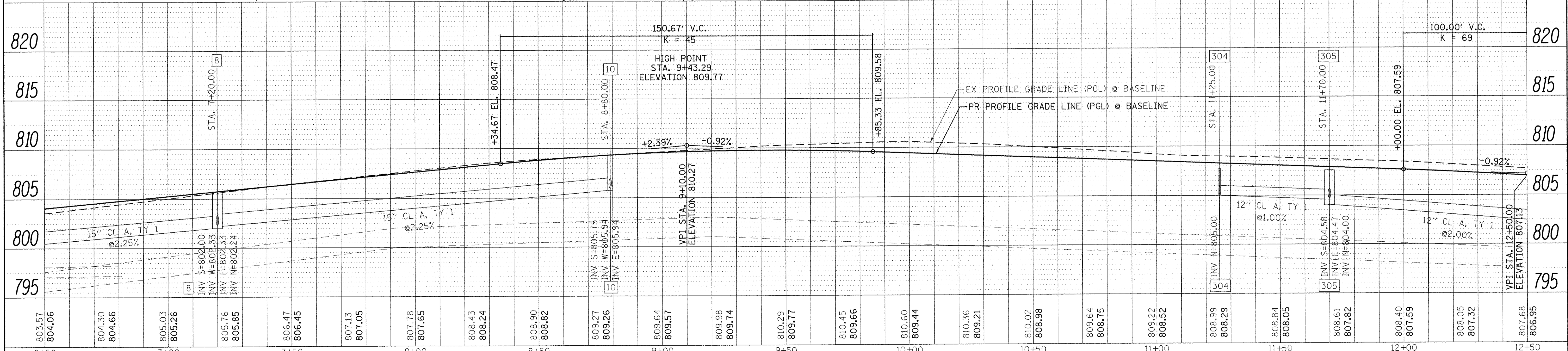
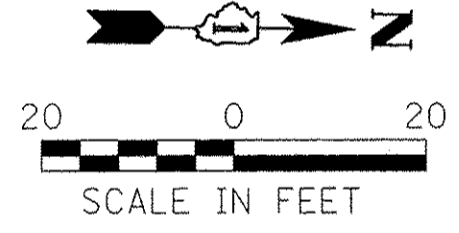
<p>Farnsworth GROUP 1144 W. JEFFERSON STREET SHOREWOOD, ILLINOIS 60404 (815) 744-6940 / info@f-w.com</p>	USER NAME = dmeyer PLOT SCALE = 20.0000' / 1"	DESIGNED - KLM DRAWN - DRR CHECKED - PSA DATE - 06/17/16	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EGYPTIAN TRAIL DRAINAGE PLAN & PROFILE	F.A.U. RTE. 2966 SECTION 12-00024-00-FP COUNTY WILL JOB NO. C-91-342-12 CONTRACT NO. 61C87 FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT M-9003(989)	TOTAL SHEETS 129 SHEET NO. 66	
	SCALE: 1" = 20' SHEET 1 OF 7 SHEETS STA. 01+52.30 TO STA. 06+50.00				MATCH LINE STA 6+50.00			
					MATCH LINE STA 6+50.00			
					MATCH LINE STA 6+50.00			

DATE	
BY	
REVISION	
PLAN	
NOTE BOOK	
NO.	

DATE	
BY	
REVISION	
PROFILE	
NOTE BOOK	
NO.	



- NOTES:**
- SEE REMOVAL PLANS FOR OTHER ITEMS TO BE REMOVED IN ADDITION TO DRAINAGE STRUCTURES AND PIPES.
 - SEE DRAINAGE SCHEDULE FOR LOCATIONS OF CLSM.
 - PROPOSED WATER MAIN AND HYDRANT TO BE COMPLETED BY OTHERS.



803.57 804.06	804.30 804.66	805.03 805.26	805.76 805.85	806.47 806.45	807.13 807.05	807.78 807.65	808.43 808.24	808.90 808.82	809.27 809.26	809.64 809.57	809.98 809.74	810.29 809.77	810.45 809.66	810.60 809.44	810.36 809.21	810.02 808.98	809.64 808.75	809.22 808.52	808.99 808.29	808.84 808.05	808.61 807.82	808.40 807.59	808.05 807.32	807.68 806.95
6+50	7+00	7+50	8+00	8+50	9+00	9+50	10+00	10+50	11+00	11+50	12+00	12+50												

Farnsworth GROUP
1144 W. JEFFERSON STREET
SHOREWOOD, ILLINOIS 60404
(815) 744-6940 / info@f-w.com

USER NAME = dmeyer
PLOT SCALE = 20.0000' / 1" = 20'
PLOT DATE = 6/24/2016

DESIGNED - KLM
DRAWN - DRR
CHECKED - PSA
DATE - 06/17/16

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

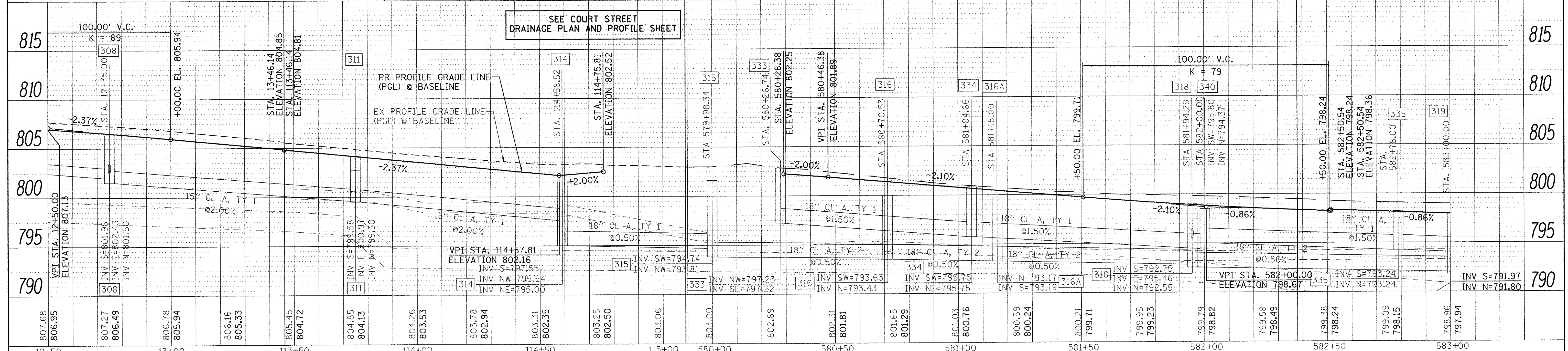
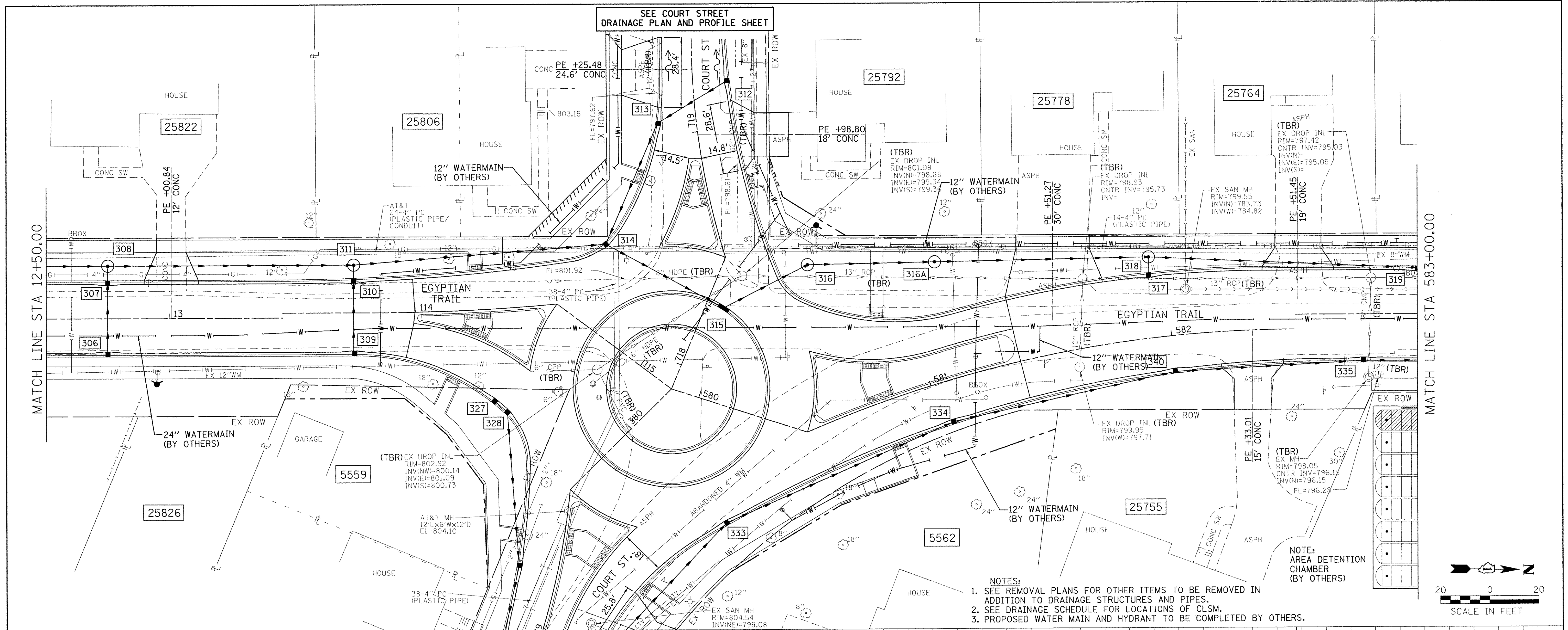
**EGYPTIAN TRAIL
DRAINAGE PLAN & PROFILE**

SCALE: 1" = 20' SHEET 2 OF 7 SHEETS STA. 06+50.00 TO STA. 12+50.00

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 67
JOB NO. C-91-342-12	CONTRACT NO. 61C87		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-8003(989)	

DATE	
BY	
SURVEYED	
PLotted	
NOTES	
NO.	

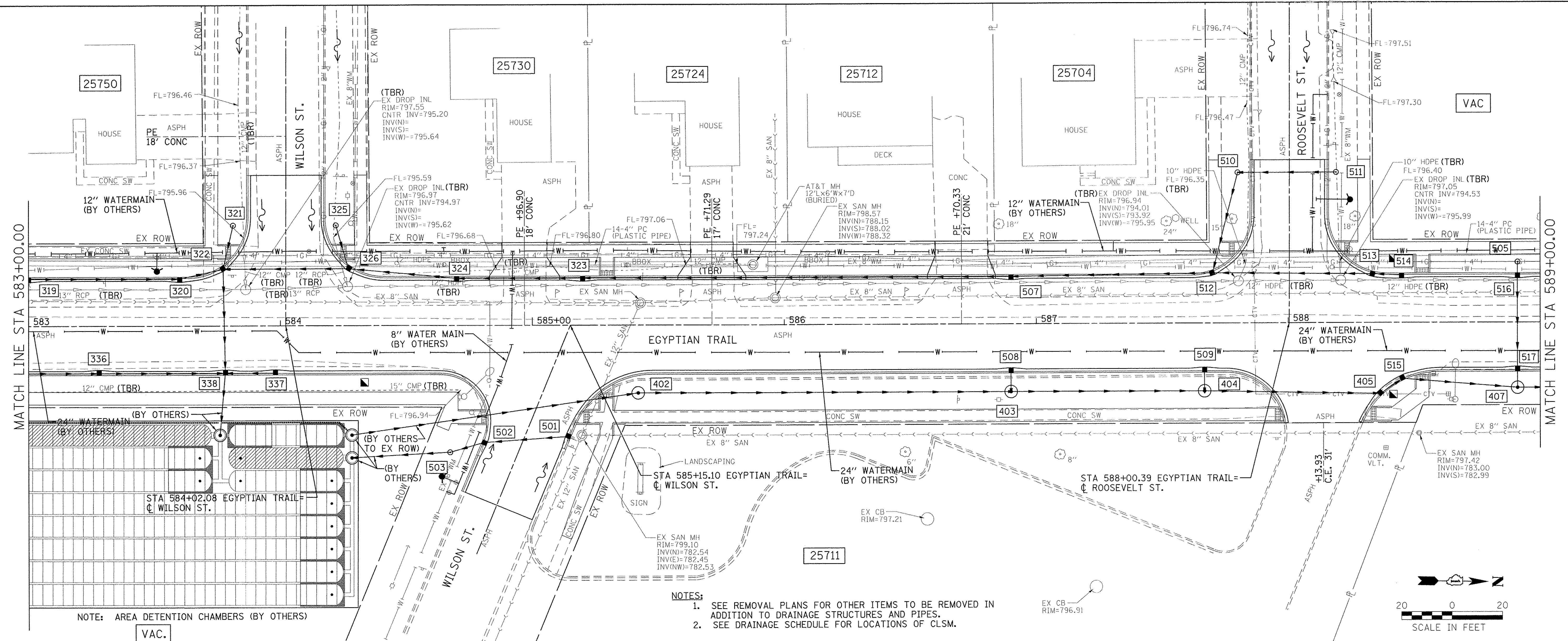
DATE	
BY	
SURVEYED	
PLotted	
NOTES	
NO.	



ELEVATION	STATION	STRUCTURE	INVERT	INVERT	INVERT	DESIGNED - KLM		REVISED		SCALE	SHEET 3 OF 7 SHEETS	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
						DATE	DATE	DATE	DATE						
807.68	12+50	VPI STA. 12+50.00	806.95			USER NAME = dmayer	DESIGNED - KLM	REVISED -	SCALE: 1" = 20'	SHEET 3 OF 7 SHEETS	EGYPTIAN TRAIL	WILL	129	68	
807.27	13+00	STA. 13+75.00	806.49			PLOT SCALE = 20.0000 / 1" =	DRAWN - DRR	REVISED -	SHEET 3 OF 7 SHEETS	STA. 12+50.00 TO STA. 583+00.00	DRAINAGE PLAN & PROFILE	WILL	129	68	
806.49	13+00	STA. 13+75.00	806.49			PLOT DATE = 6/24/2016	CHECKED - PSA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			JOB NO. C-91-342-12	CONTRACT NO. 61C87		
806.78	13+00	STA. 13+75.00	805.94				DATE - 06/17/16	REVISED -	F.A.U. R.T.E. 2966		SECTION 12-00024-00-FP		CONTRACT NO. 61C87		
805.16	13+00	STA. 13+75.00	805.33					REVISED -	FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		M-9003(989)		
805.45	13+00	STA. 13+75.00	804.72					REVISED -	24-9014						

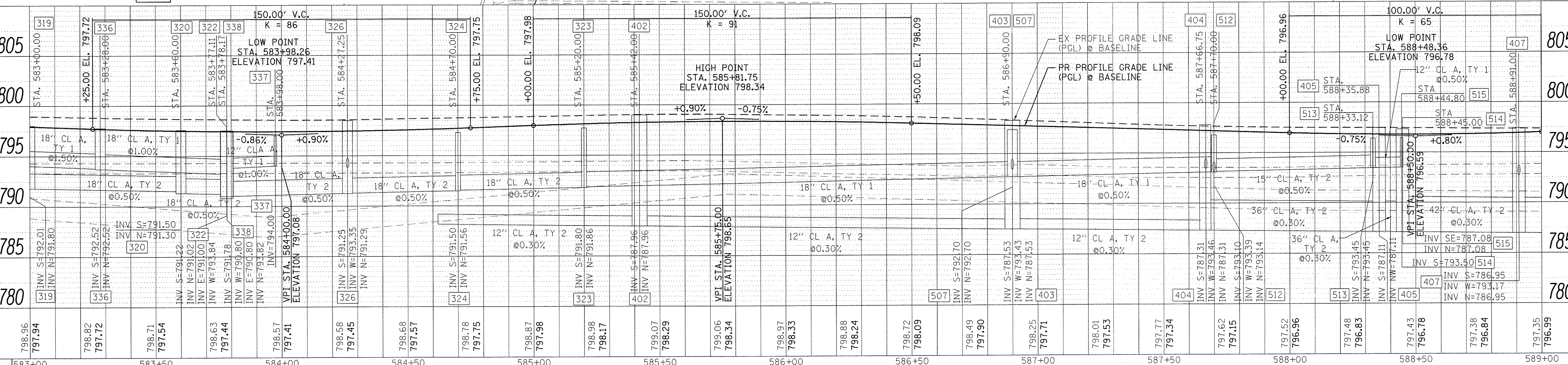
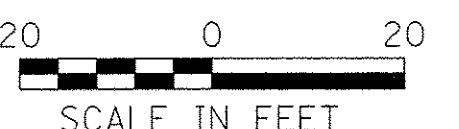
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BY	
PLAN	
NO.	
CADD FILE NAME	
DATE	
BY	
PROFILE	
NO.	
DATE	
BY	

DATE	
BY	
PROFILE	
NO.	
DATE	
BY	



NOTE: AREA DETENTION CHAMBERS (BY OTHERS)

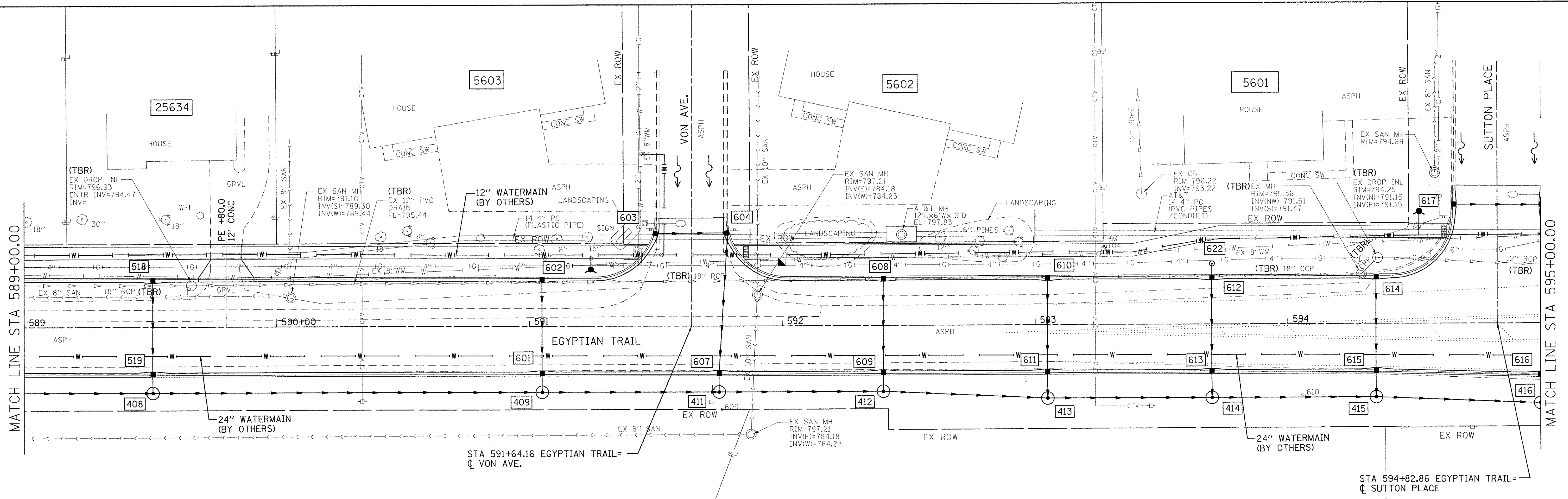
- NOTES:
- SEE REMOVAL PLANS FOR OTHER ITEMS TO BE REMOVED IN ADDITION TO DRAINAGE STRUCTURES AND PIPES.
 - SEE DRAINAGE SCHEDULE FOR LOCATIONS OF CLSM.



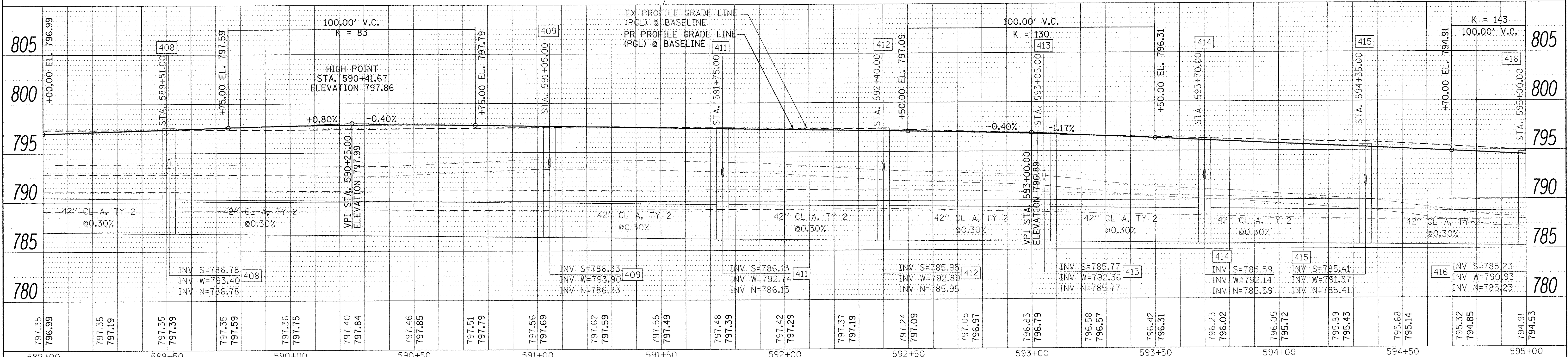
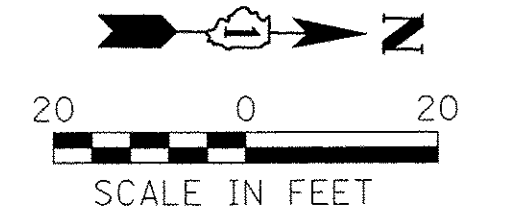
<p>FARNSWORTH GROUP 1144 W. JEFFERSON STREET SHOREWOOD, ILLINOIS 60404 (815) 744-6940 / info@f-w.com</p>	USER NAME = dmeyer	DESIGNED - KLM	REVISED -	<p>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p> <p>EGYPTIAN TRAIL DRAINAGE PLAN & PROFILE</p> <p>SCALE: 1" = 20' SHEET 4 OF 7 SHEETS STA. 583+00.00 TO STA. 589+00.00</p>	F.A.U. RT# 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 69
	PLOT SCALE = 20.0000' / 1"	CHECKED - PSA	REVISED -		JOB NO. C-91-342-12	CONTRACT NO. 61C87			
	PLOT DATE = 6/24/2016	DATE = 06/17/16	REVISED -		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
						M-90031989			

PLAN	DATE	BY
REVISIONS		
NO.		
NOTE		
CADD FILE NAME		

PROFILE	DATE	BY
REVISIONS		
NO.		
NOTE		
STRUCTURE NOTATIONS CHKS		



NOTES:
 1. SEE REMOVAL PLANS FOR OTHER ITEMS TO BE REMOVED IN ADDITION TO DRAINAGE STRUCTURES AND PIPES.
 2. SEE DRAINAGE SCHEDULE FOR LOCATIONS OF CLSM.



797.35 796.99	797.35 797.19	797.35 797.39	797.35 797.59	797.36 797.75	797.40 797.84	797.46 797.85	797.51 797.79	797.56 797.69	797.62 797.59	797.55 797.49	797.48 797.39	797.42 797.29	797.37 797.19	797.24 797.09	797.05 796.97	796.83 796.79	796.58 796.57	796.42 796.31	796.23 796.02	796.05 795.72	795.89 795.43	795.68 795.14	795.32 794.85	794.91 794.53
589+00	589+50	590+00	590+50	591+00	591+50	592+00	592+50	593+00	593+50	594+00	594+50	595+00												

Farnsworth GROUP
 1144 W. JEFFERSON STREET
 SHOREWOOD, ILLINOIS 60404
 (815) 744-6940 / info@f-w.com

USER NAME = dmayor
 DESIGNED - KLM
 DRAWN - DRR
 CHECKED - PSA
 DATE - 06/17/16

REVISIONS
 REVISIONS
 REVISIONS
 REVISIONS

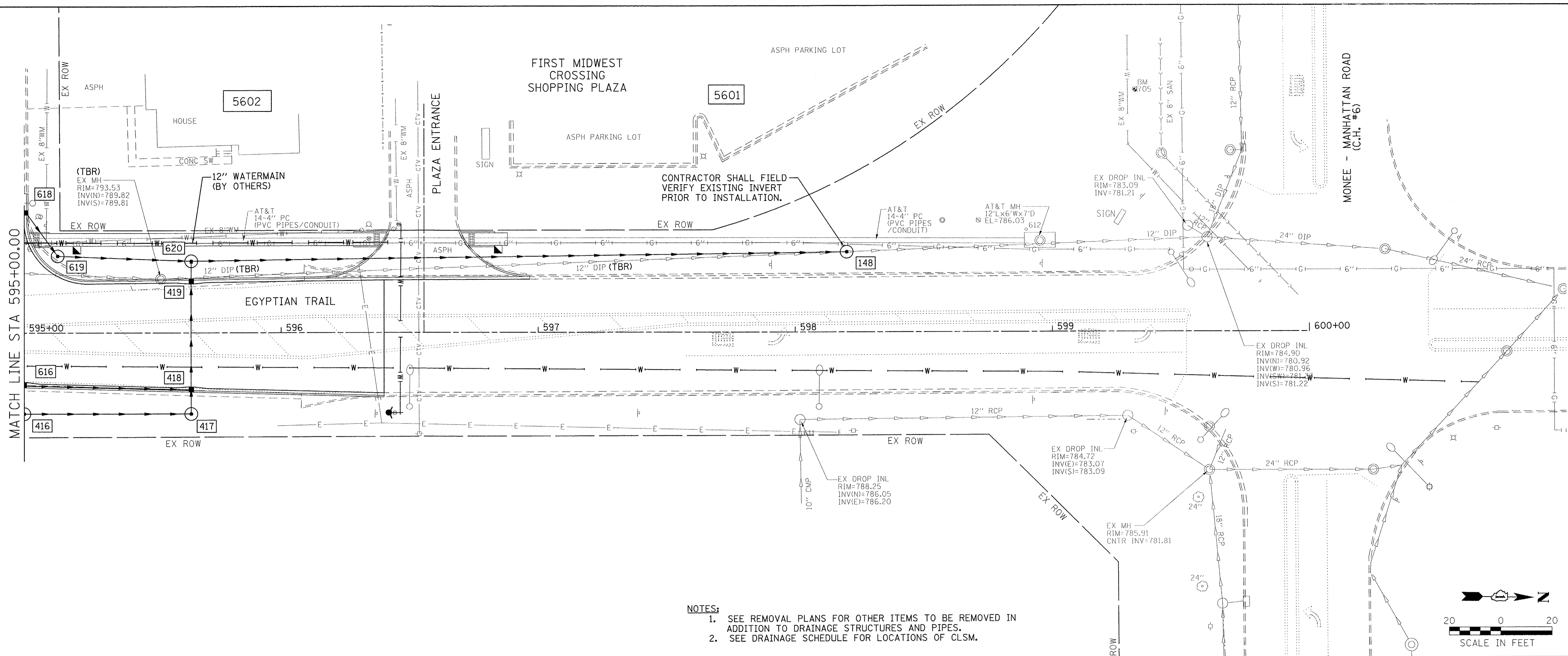
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EGYPTIAN TRAIL
 DRAINAGE PLAN & PROFILE
 SCALE: 1" = 20'
 SHEET 5 OF 7 SHEETS
 STA. 589+00.00 TO STA. 595+00.00

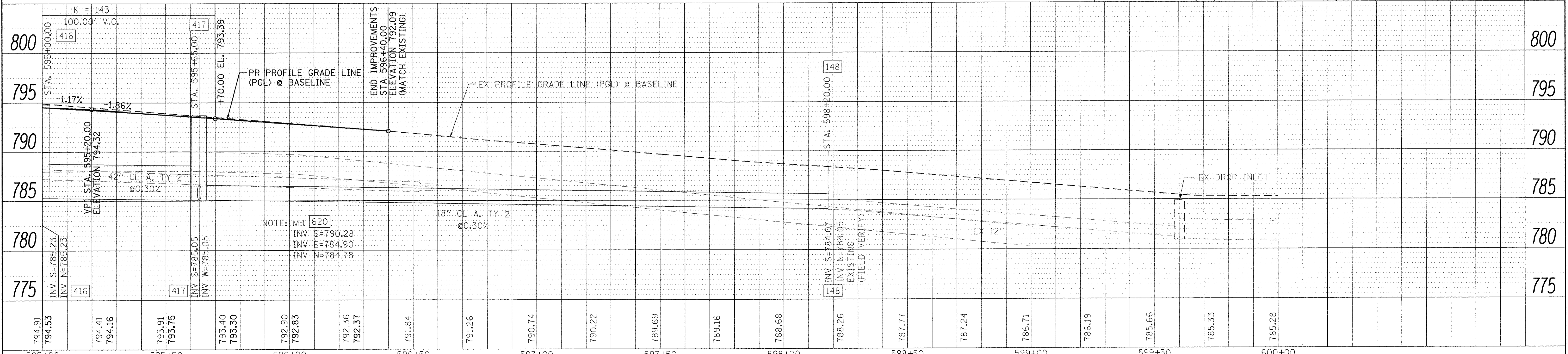
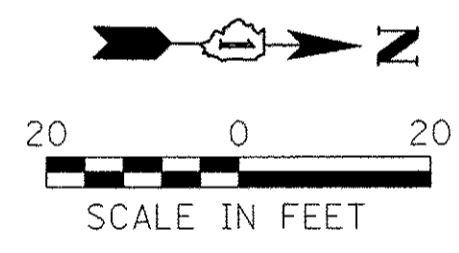
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2966	12-00024-00-FP	WILL	129	70
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT M-9003(989)		

PLAN	REVISIONS	DATE
NO.	NO.	
ADD. FILE NAME		

PROFILE	REVISIONS	DATE
NO.	NO.	
NOTES		



- NOTES:
1. SEE REMOVAL PLANS FOR OTHER ITEMS TO BE REMOVED IN ADDITION TO DRAINAGE STRUCTURES AND PIPES.
 2. SEE DRAINAGE SCHEDULE FOR LOCATIONS OF CLSM.



Farnsworth Group
 1144 W. JEFFERSON STREET
 SHOREWOOD, ILLINOIS 60404
 (815) 744-6940 / info@f-w.com

USER NAME = dmayer
 PLOT SCALE = 20.0000' / 1" = 1'
 PLOT DATE = 6/24/2016

DESIGNED -	KLM	REVISED -	
DRAWN -	DRR	REVISED -	
CHECKED -	PSA	REVISED -	
DATE -	06/17/16	REVISED -	

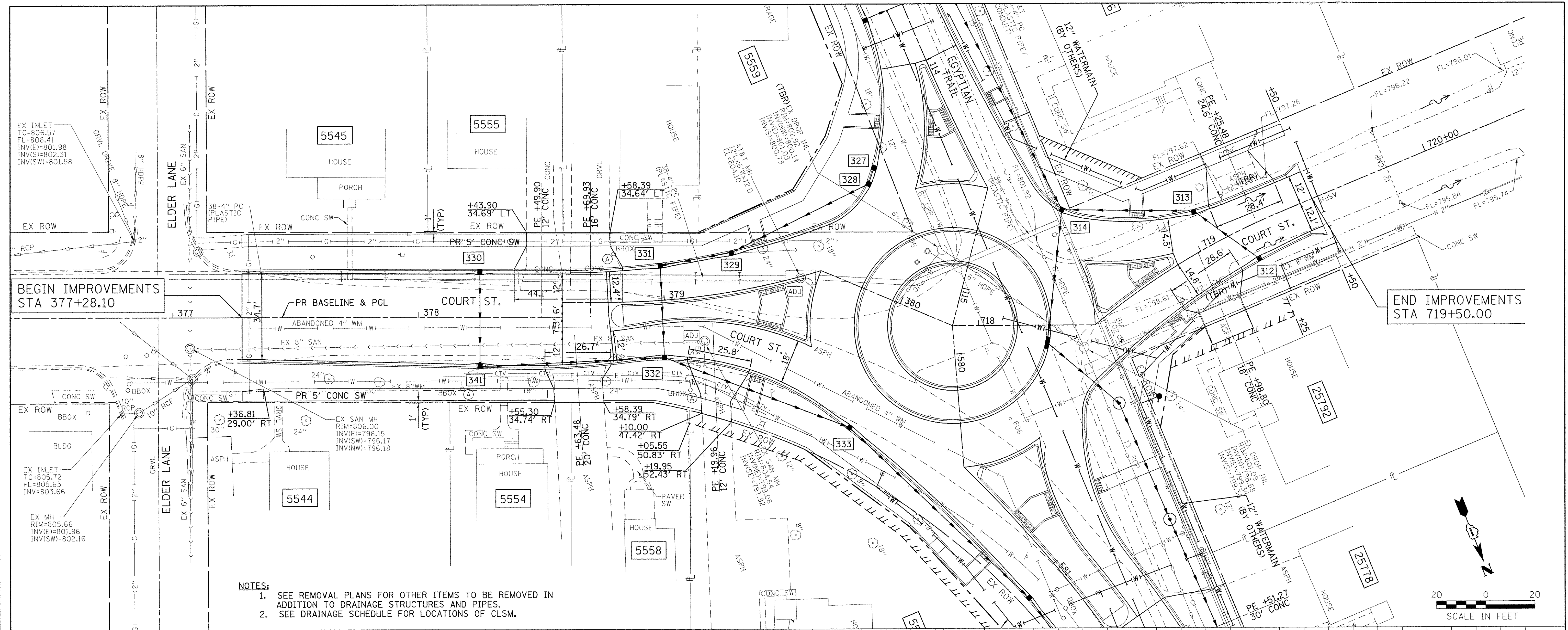
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EGYPTIAN TRAIL
 DRAINAGE PLAN & PROFILE**
 SCALE: 1" = 20' SHEET 6 OF 7 SHEETS STA. 595+00.00 TO STA. 598+20.00

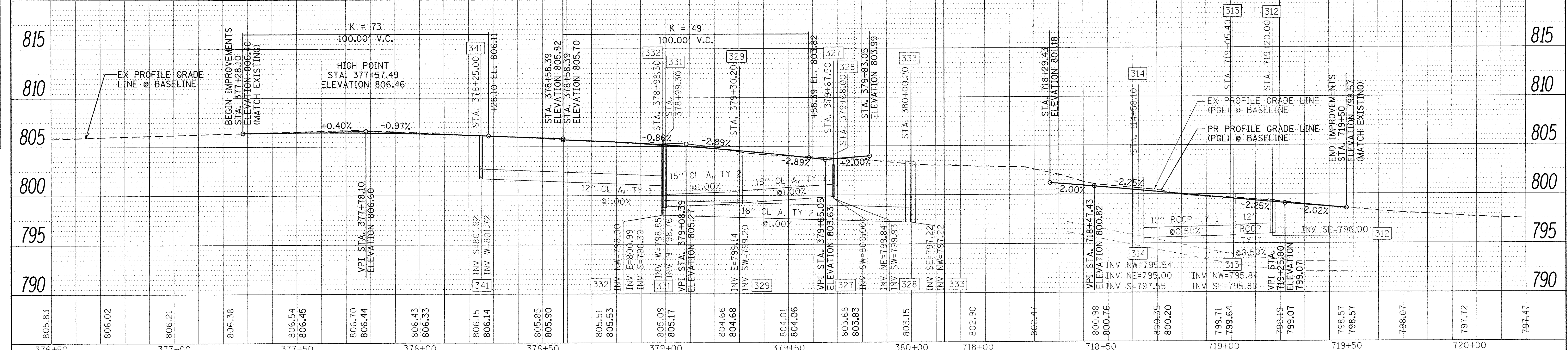
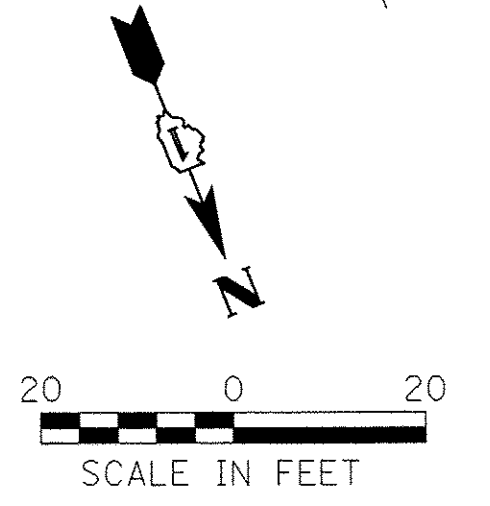
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2966	12-00024-00-FP	WILL	129	71
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT M-900319891		

DATE	
BY	
PLAN	REVISED
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NO.	NO.
NO.	NO.

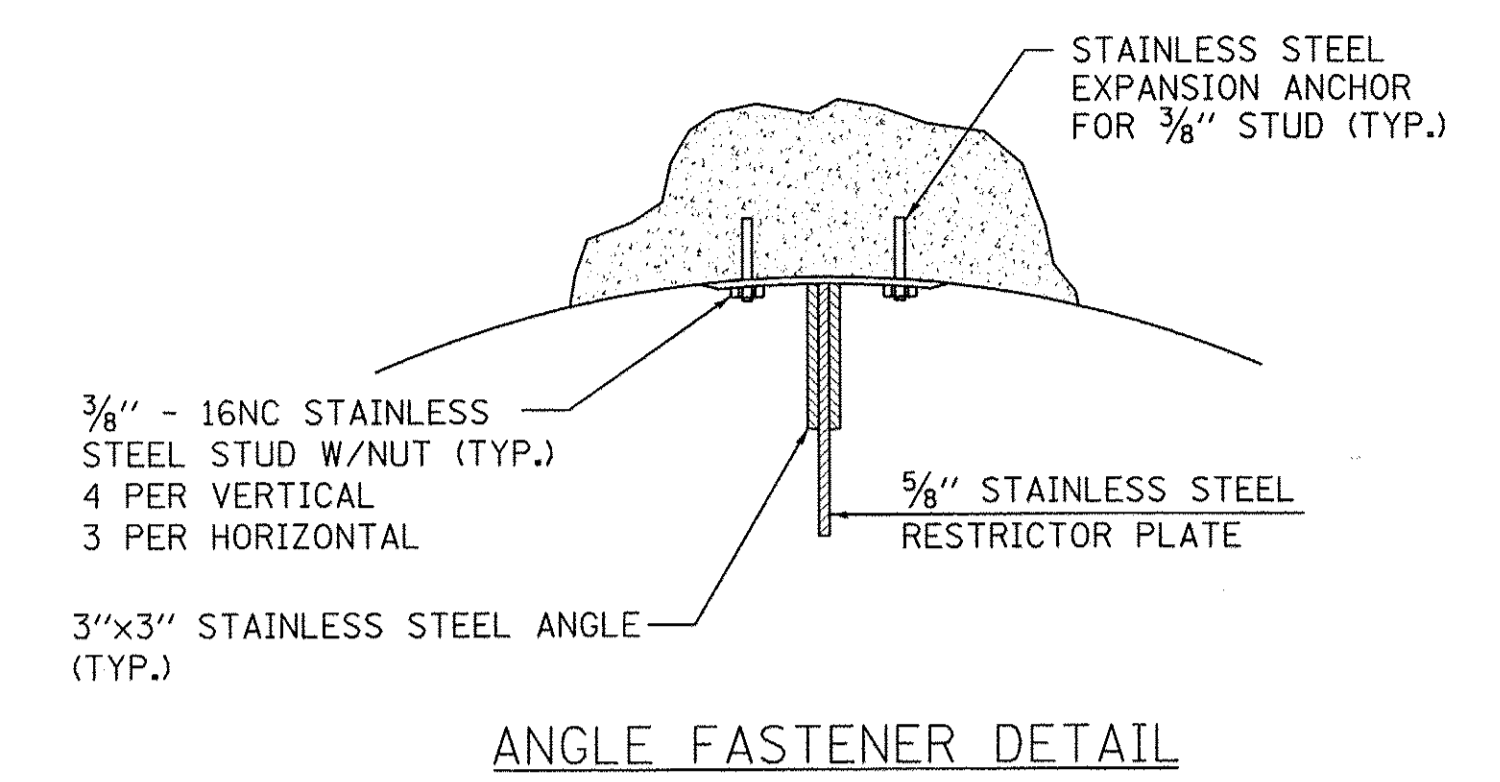
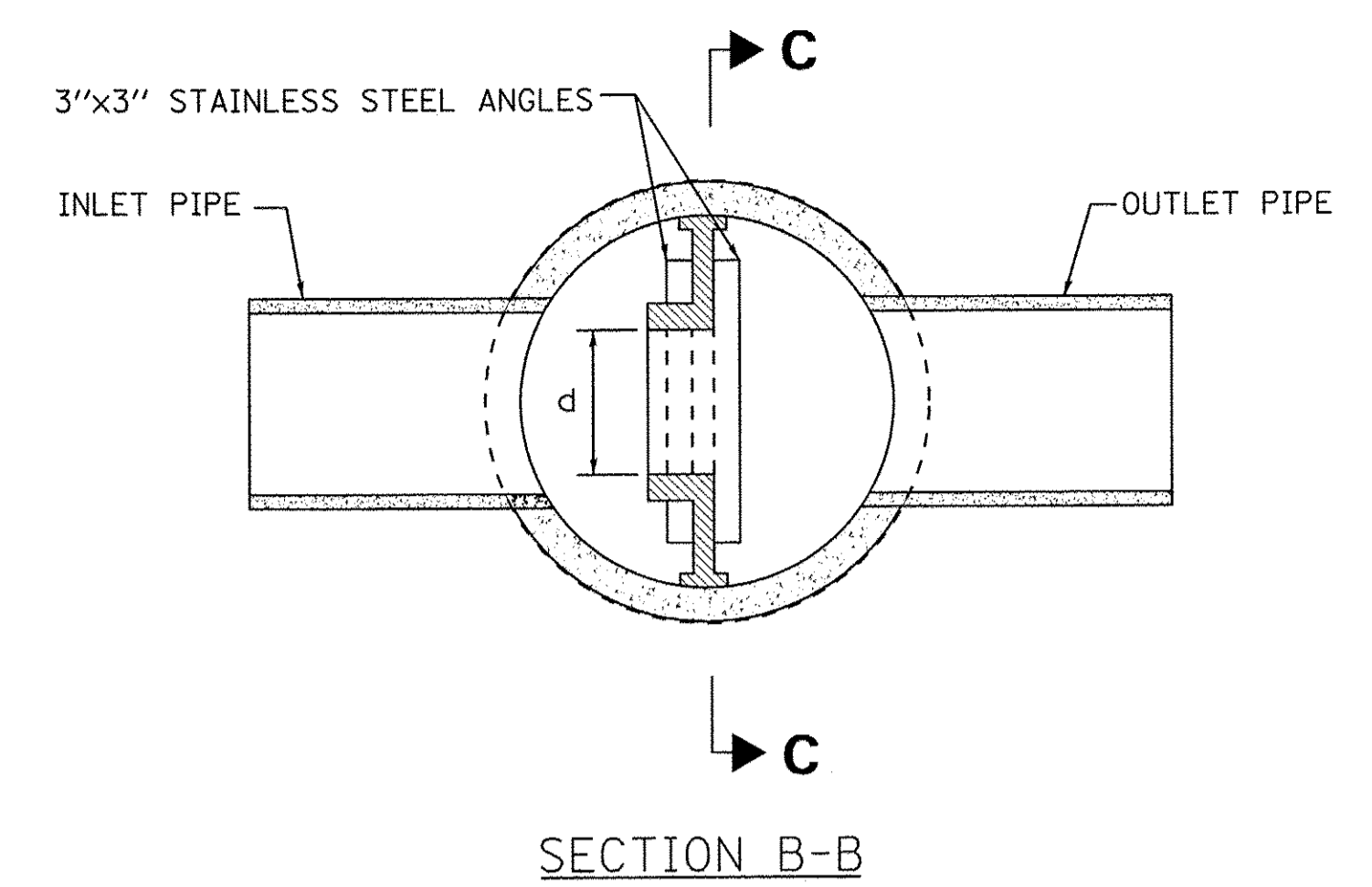
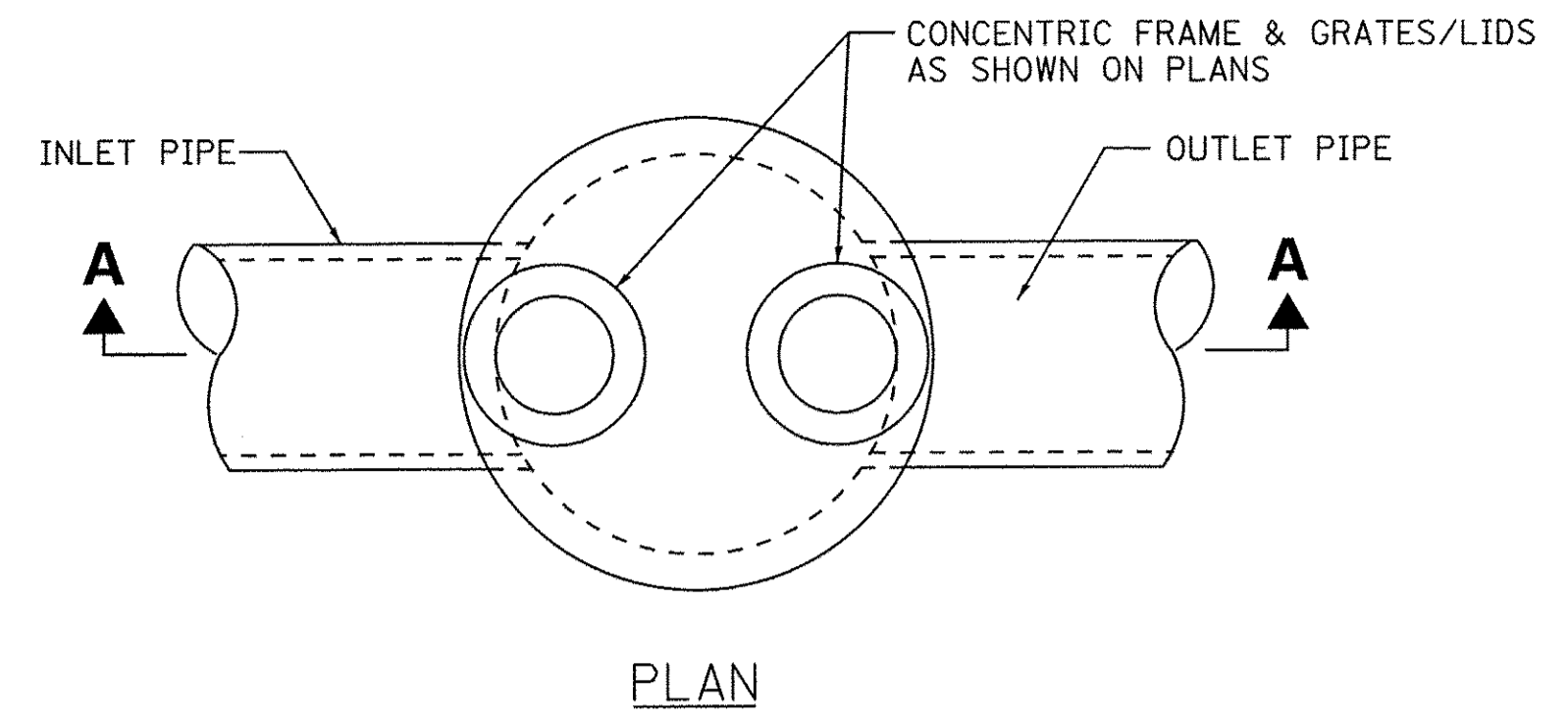
DATE	
BY	
PROFILE	REVISED
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NO.	NO.
NO.	NO.



- NOTES:
- SEE REMOVAL PLANS FOR OTHER ITEMS TO BE REMOVED IN ADDITION TO DRAINAGE STRUCTURES AND PIPES.
 - SEE DRAINAGE SCHEDULE FOR LOCATIONS OF CLSM.

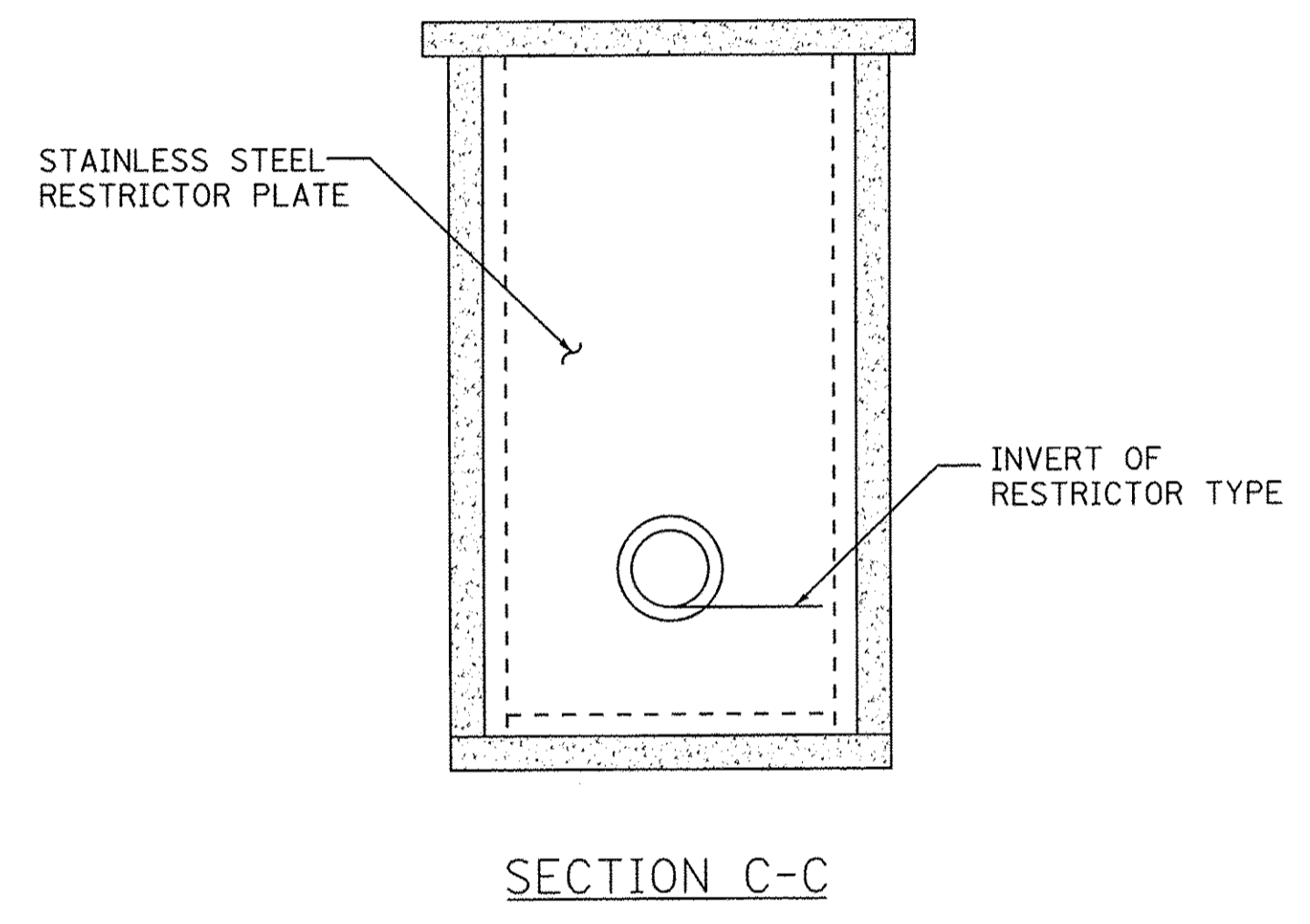
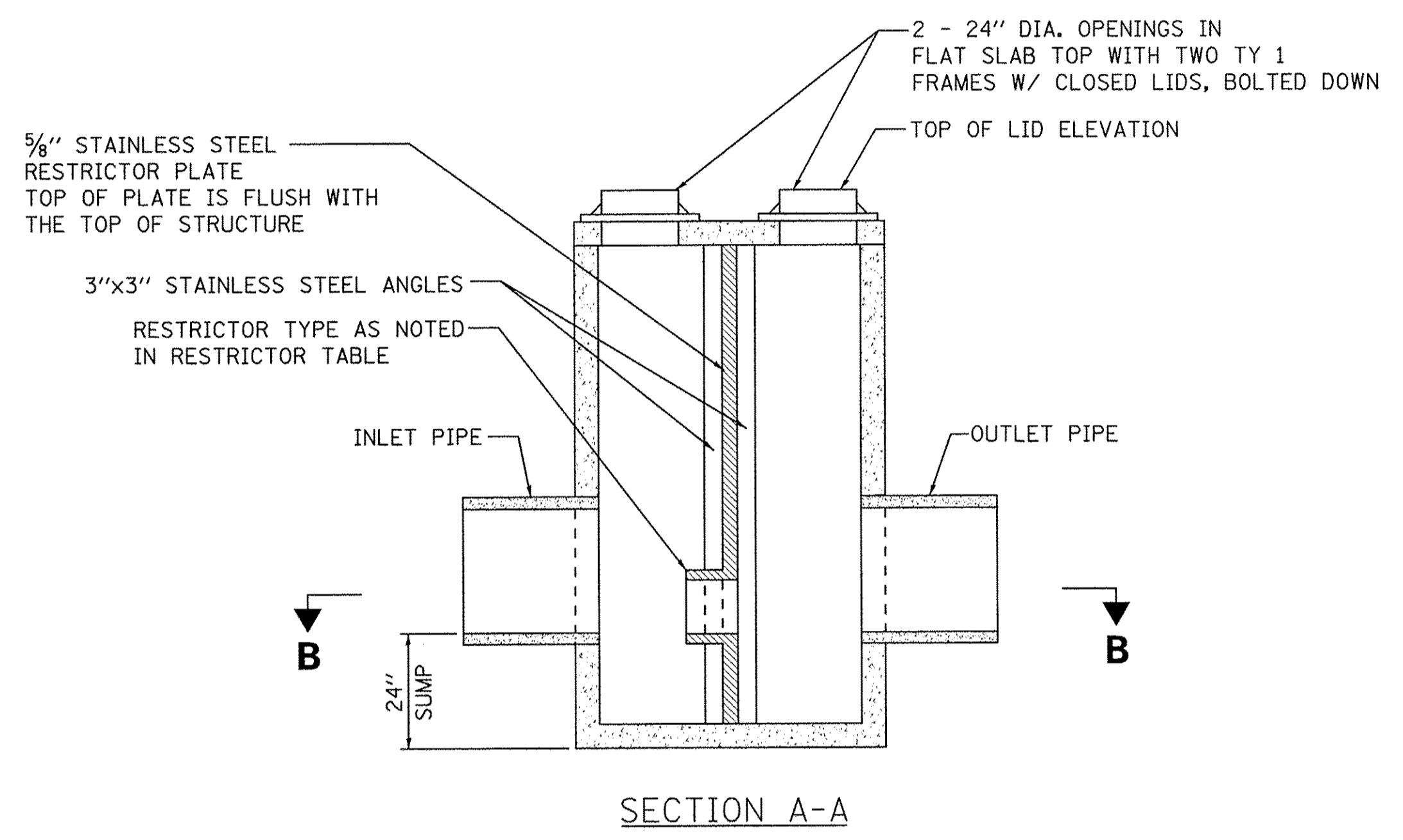


<p>Farnsworth GROUP 1144 W. JEFFERSON STREET SHOREWOOD, ILLINOIS 60404 (815) 744-6940 / info@f-w.com</p>	USER NAME - dmeyer PLOT SCALE = 20.0000' / 1" = PLOT DATE = 6/24/2016	DESIGNED - KLM DRAWN - DRR CHECKED - PSA DATE - 06/17/16	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		COURT STREET DRAINAGE PLAN & PROFILE		F.A.U. RTE. 2966 SECTION 12-00024-00-FP COUNTY WILL TOTAL SHEETS 129 SHEET NO. 72
	SCALE: 1" = 20' SHEET 7 OF 7 SHEETS STA. 477+28.10 TO STA. 479+58.39				JOB NO. C-91-342-12 CONTRACT NO. 61C87 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-900319891		24-9014	



NOTES:

1. ALL STAINLESS STEEL RESTRICTOR PLATES, ANGLES, HARDWARE, AND APPURTENANCES TO BE INCLUDED IN THE COST OF "MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE".



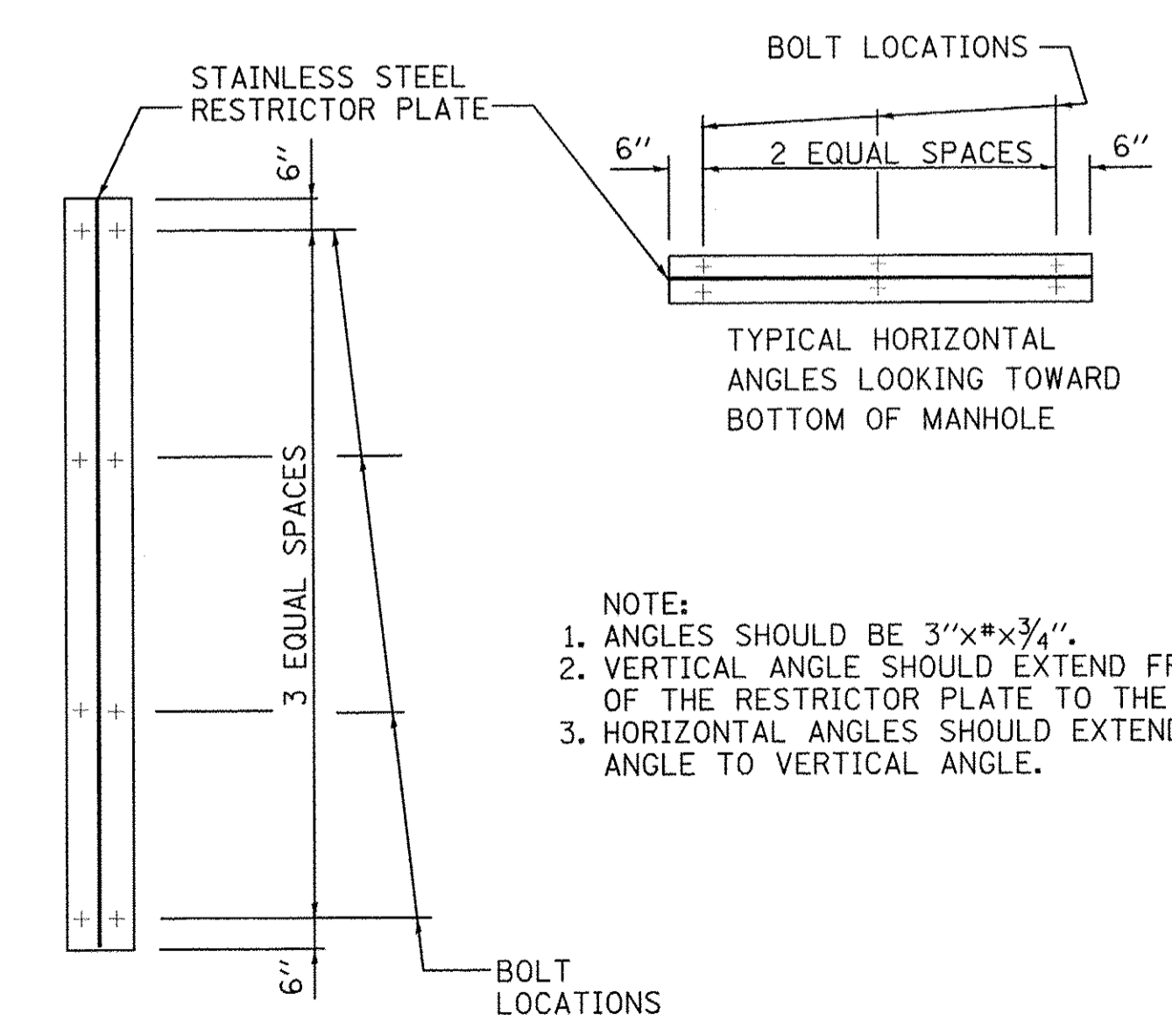
DEPTH (FT)	FLOW (CFS)
1.0	0.3
2.0	1.9
3.0	2.8
4.0	3.4
5.0	3.9
6.0	4.4
6.6	4.6

STAGE-DISCHARGE TABLE

MANHOLE, WITH RESTRICTOR PLATE AND TWO TYPE 1 FRAMES WITH CLOSED LIDS

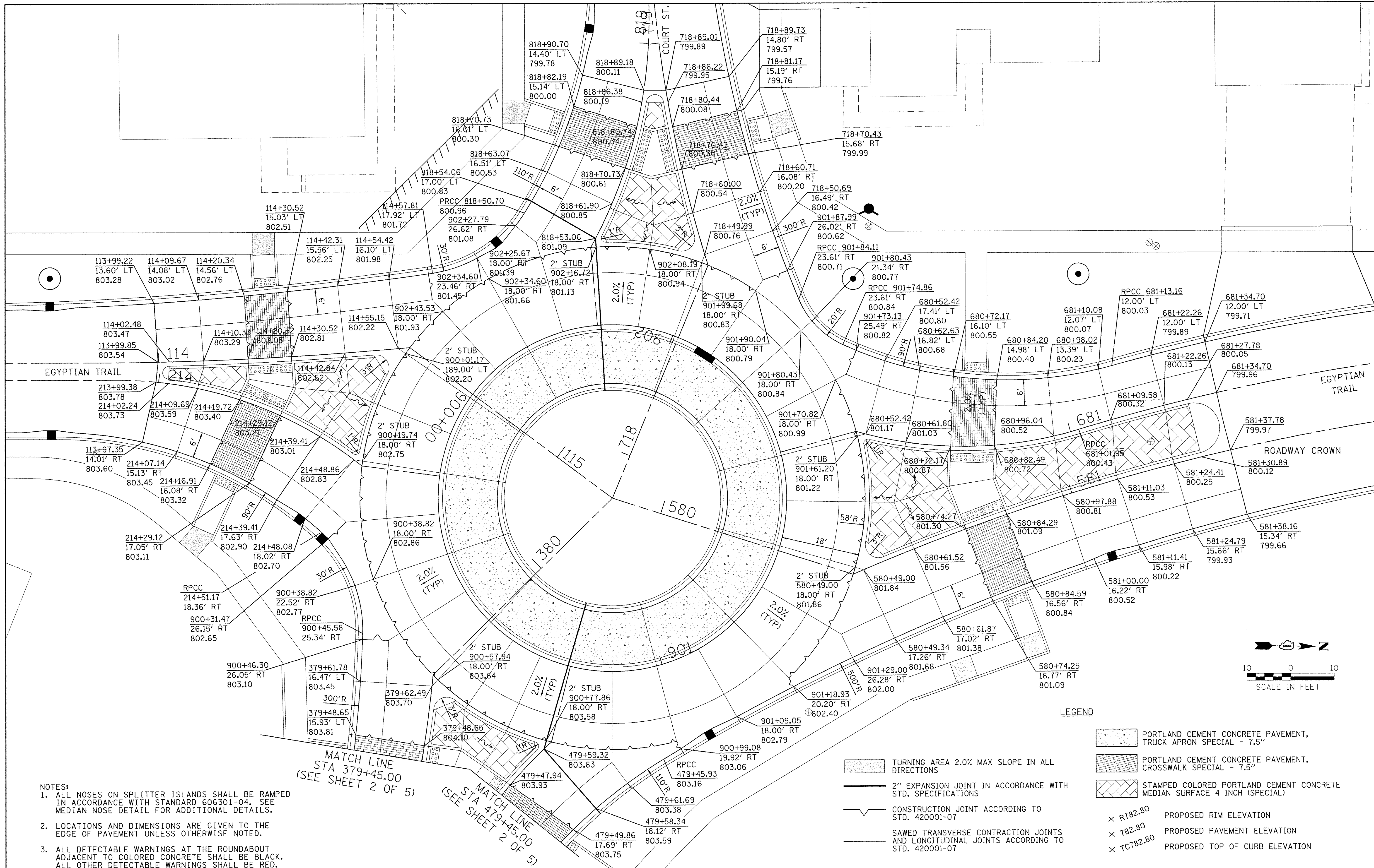
N.T.S.

STATION & OFFSET	MANHOLE DIAMETER	MANHOLE RIM ELEVATION (FT)	FRAME AND LID	RESTRICTOR TYPE	INLET PIPE DIAM (IN)	OUTLET PIPE DIAM (IN)	INSIDE RESTRICTOR TYPE DIA	INVERT OF RESTRICTOR TYPE (FT)	10-YEAR WATER SURFACE ELEVATION (FT)
595+00.0, 31.5' RT	6'	794.80	CLOSED	2	42	18	8"	785.23	785.97



STAINLESS STEEL ANGLE BOLTING DETAILS

RESTRICTOR TYPE
2
SHARP EDGED
C=61



- NOTES:
1. ALL NOSES ON SPLITTER ISLANDS SHALL BE RAMPED IN ACCORDANCE WITH STANDARD 606301-04. SEE MEDIAN NOSE DETAIL FOR ADDITIONAL DETAILS.
 2. LOCATIONS AND DIMENSIONS ARE GIVEN TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
 3. ALL DETECTABLE WARNINGS AT THE ROUNDABOUT ADJACENT TO COLORED CONCRETE SHALL BE BLACK. ALL OTHER DETECTABLE WARNINGS SHALL BE RED.

MATCH LINE
STA 379+45.00
(SEE SHEET 2 OF 5)

MATCH LINE
STA 479+45.00
(SEE SHEET 2 OF 5)

- LEGEND
- PORTLAND CEMENT CONCRETE PAVEMENT, TRUCK APRON SPECIAL - 7.5"
 - PORTLAND CEMENT CONCRETE PAVEMENT, CROSSWALK SPECIAL - 7.5"
 - STAMPED COLORED PORTLAND CEMENT CONCRETE MEDIAN SURFACE 4 INCH (SPECIAL)
 - × R782.80 PROPOSED RIM ELEVATION
 - × 782.80 PROPOSED PAVEMENT ELEVATION
 - × TCT82.80 PROPOSED TOP OF CURB ELEVATION
 - TURNING AREA 2.0% MAX SLOPE IN ALL DIRECTIONS
 - 2" EXPANSION JOINT IN ACCORDANCE WITH STD. SPECIFICATIONS
 - CONSTRUCTION JOINT ACCORDING TO STD. 420001-07
 - SAWED TRANSVERSE CONTRACTION JOINTS AND LONGITUDINAL JOINTS ACCORDING TO STD. 420001-07

Farnsworth GROUP
1144 W. JEFFERSON STREET
SHOREWOOD, ILLINOIS 60404
(815) 744-6940 / info@f-w.com

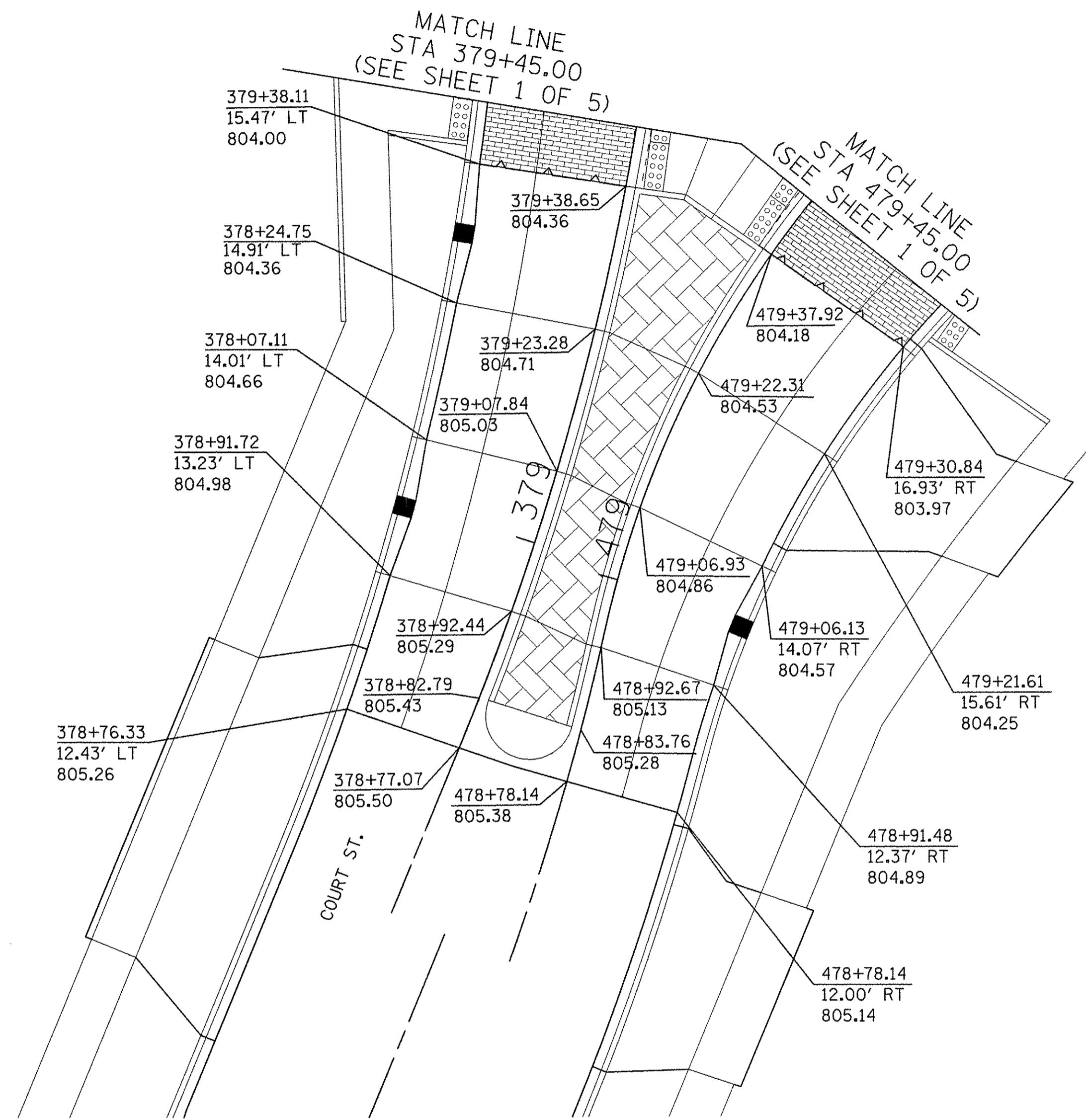
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PLOT SCALE = 10.0000' / 1" =	DRAWN - DRR	REVISED -
PLOT DATE = 6/24/2016	CHECKED - PSA	REVISED -
	DATE - 06/17/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

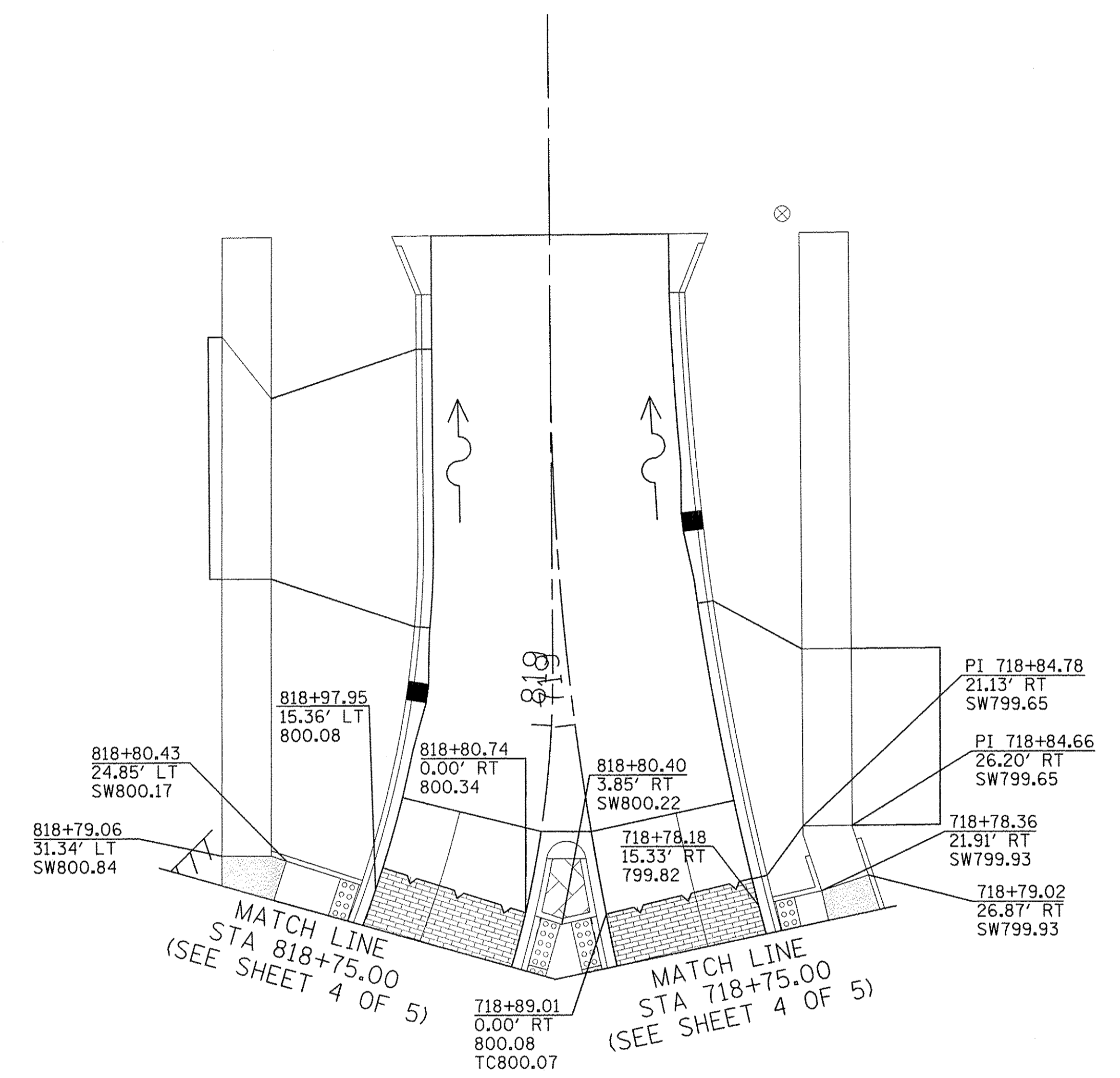
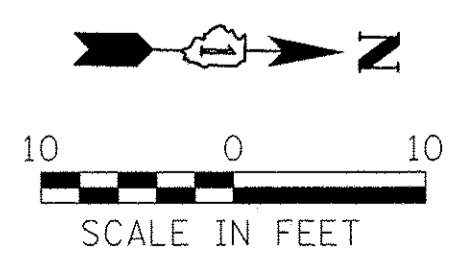
INTERSECTION DETAILS

SCALE: 1"=10' SHEET 1 OF 5 SHEETS STA. 1+52.30 TO STA. 596+40.00

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 74
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT M-900319891				

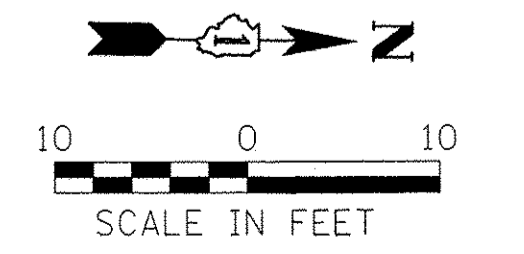


- NOTES:
1. ALL NOSES ON SPLITTER ISLANDS SHALL BE RAMPED IN ACCORDANCE WITH STANDARD 606301-04. SEE MEDIAN NOSE DETAIL FOR ADDITIONAL DETAILS.
 2. LOCATIONS AND DIMENSIONS ARE GIVEN TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
 3. ALL DETECTABLE WARNINGS AT THE ROUNDABOUT ADJACENT TO COLORED CONCRETE SHALL BE BLACK. ALL OTHER DETECTABLE WARNINGS SHALL BE RED.



LEGEND

- PORTLAND CEMENT CONCRETE PAVEMENT, TRUCK APRON SPECIAL - 7.5"
- PORTLAND CEMENT CONCRETE PAVEMENT, CROSSWALK SPECIAL - 7.5"
- STAMPED COLORED PORTLAND CEMENT CONCRETE MEDIAN SURFACE 4 INCH (SPECIAL)
- TURNING AREA 2.0% MAX SLOPE IN ALL DIRECTIONS
- 2" EXPANSION JOINT IN ACCORDANCE WITH STD. SPECIFICATIONS
- CONSTRUCTION JOINT ACCORDING TO STD. 420001-07
- SAWED TRANSVERSE CONTRACTION JOINTS AND LONGITUDINAL JOINTS ACCORDING TO STD. 420001-07
- PROPOSED RIM ELEVATION
- PROPOSED PAVEMENT ELEVATION
- PROPOSED TOP OF CURB ELEVATION



Farnsworth GROUP
 1144 W. JEFFERSON STREET
 SHOREWOOD, ILLINOIS 60404
 (815) 744-6940 / info@f-w.com

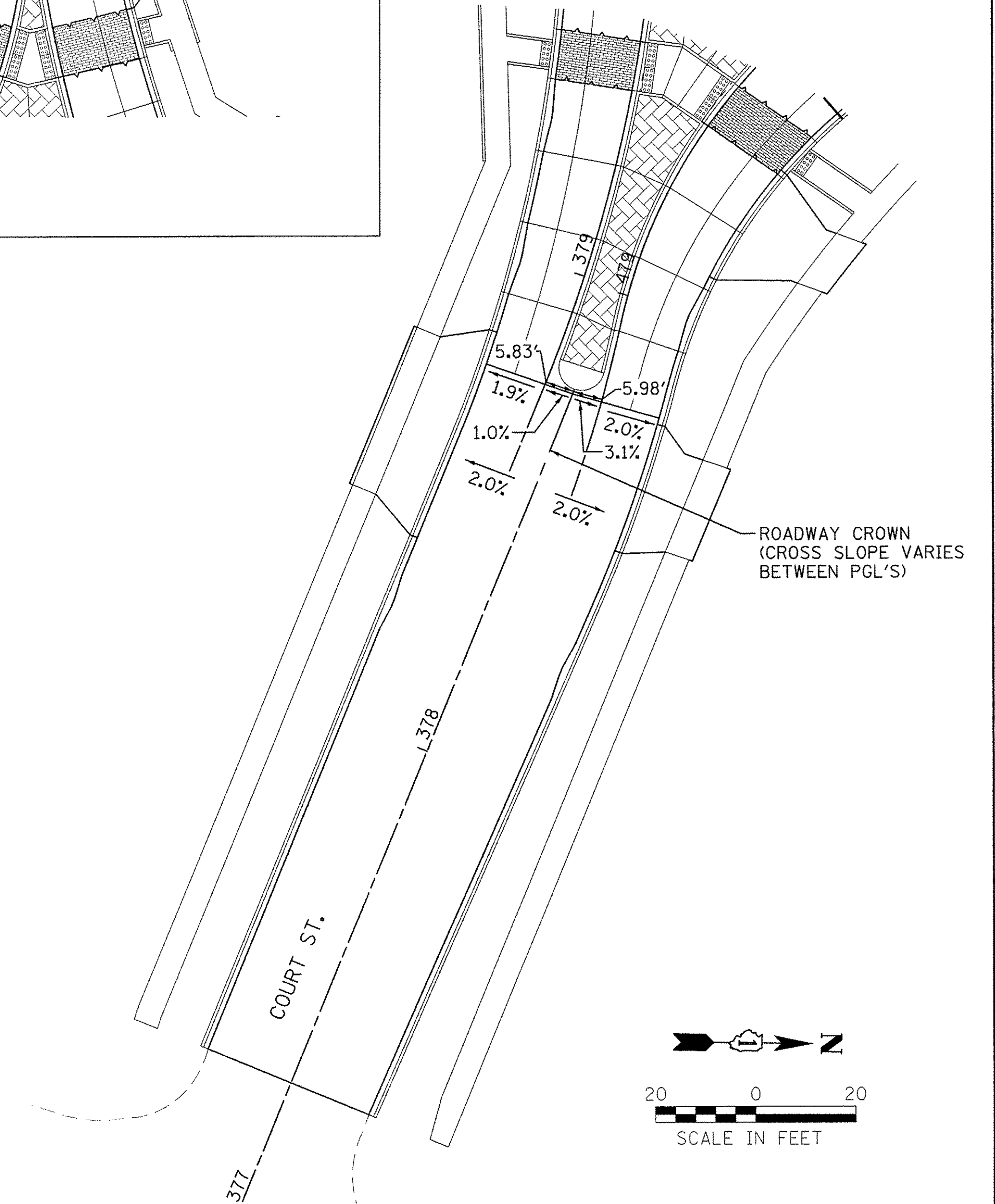
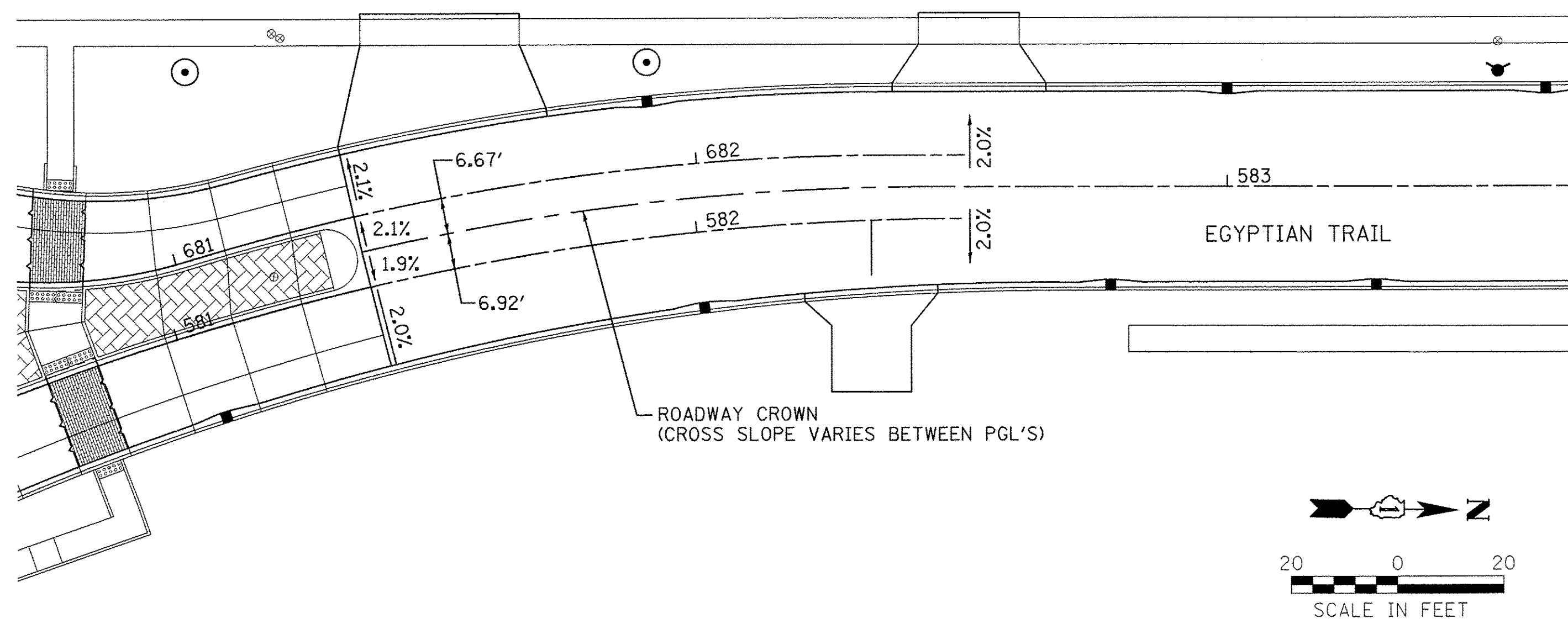
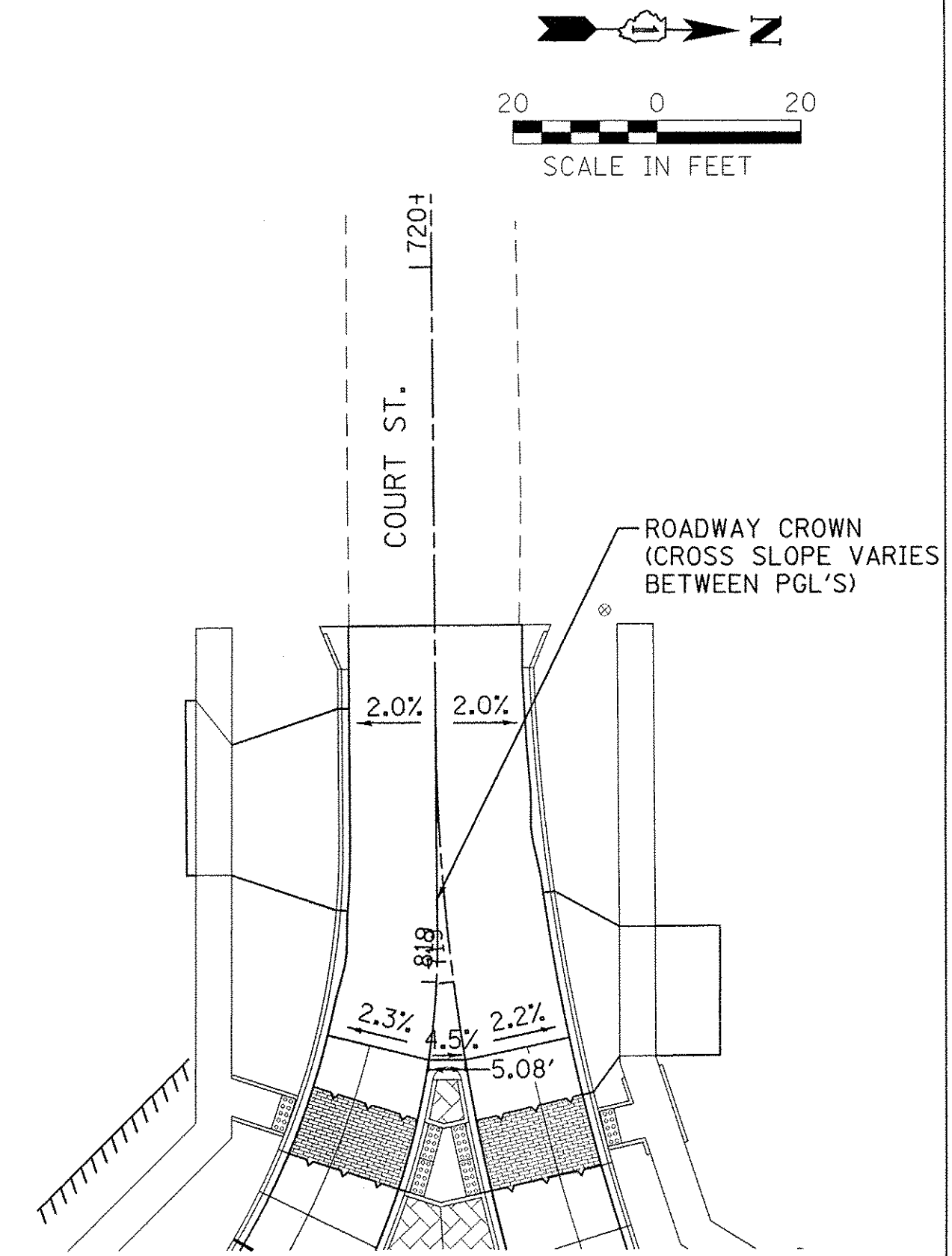
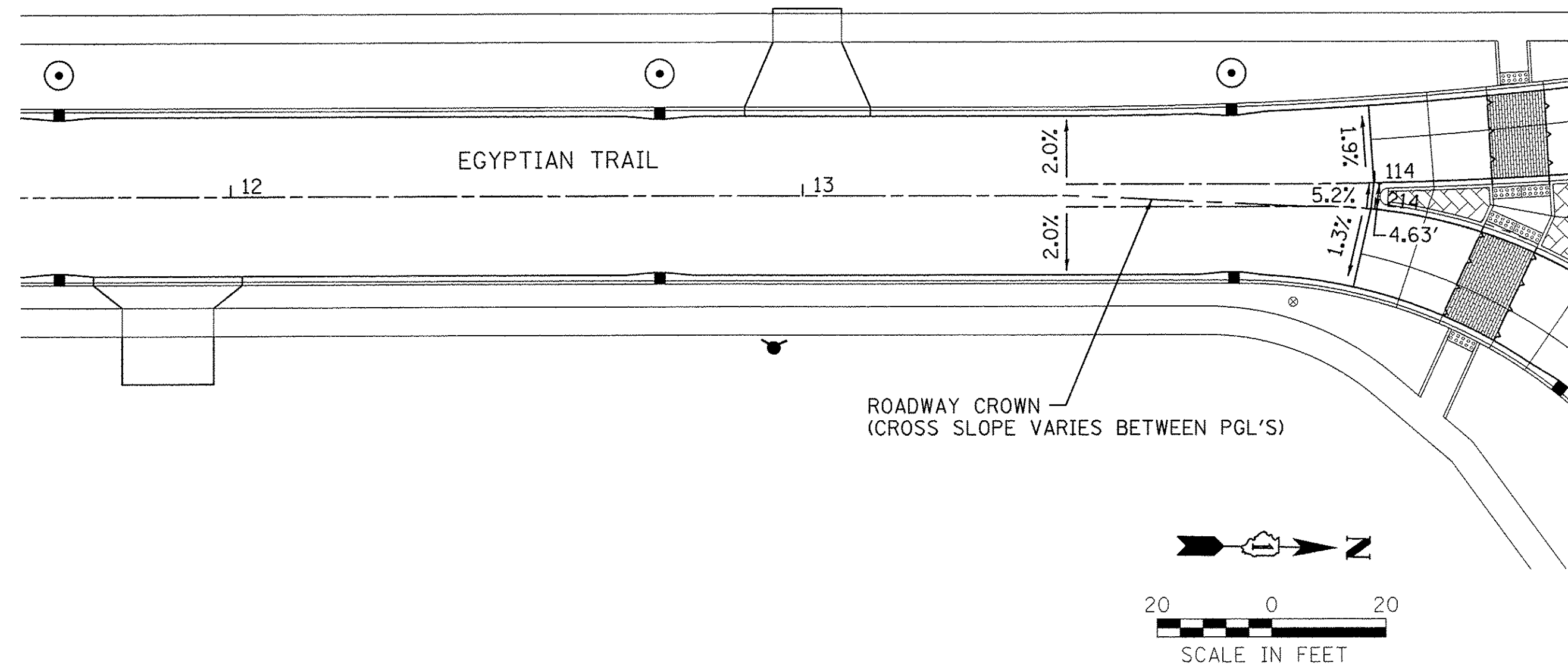
USER NAME = dmeyer	DESIGNED - YOS	REVISED -
DRAWN - DRR	REVISOR -	
PLOT SCALE = 10.0000" / 1"	CHECKED - PSA	REVISED -
PLOT DATE = 6/24/2016	DATE - 06/17/16	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

INTERSECTION DETAILS

SCALE: 1"=10' SHEET 2 OF 5 SHEETS STA. 1+52.30 TO STA. 596+40.00

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 75
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-9003(989)				



Farnsworth GROUP
1144 W. JEFFERSON STREET
SHOREWOOD, ILLINOIS 60404
(815) 744-6940 / info@f-w.com

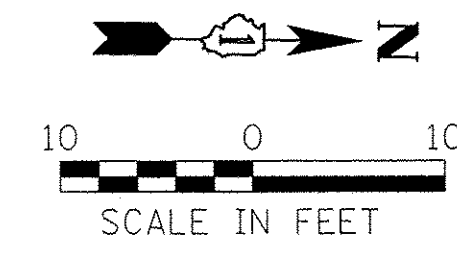
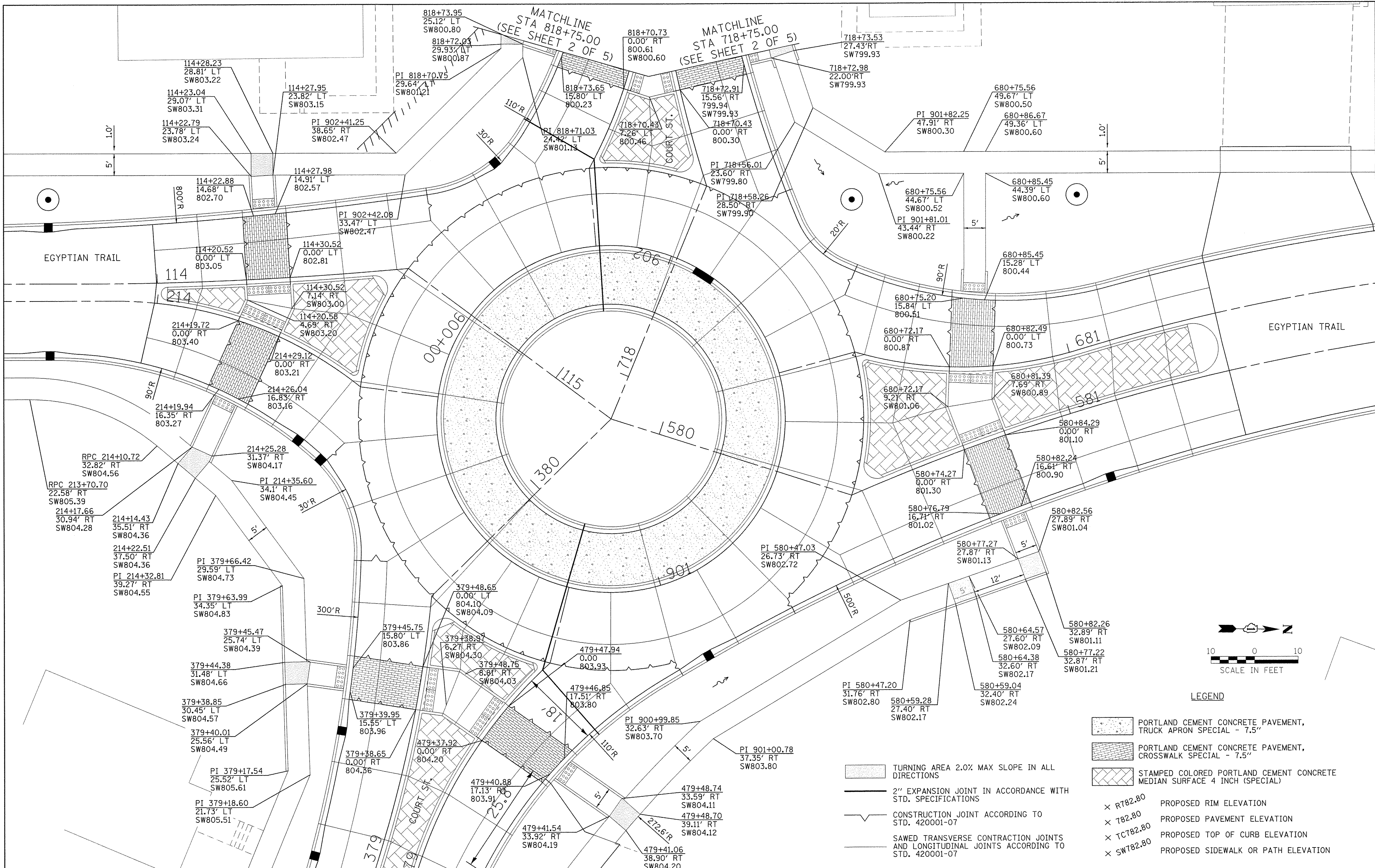
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PLOT DATE = 6/24/2016	CHECKED - PSA	REVISED -
	DATE - 06/17/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INTERSECTION DETAILS

SCALE: 1"=20' SHEET 3 OF 5 SHEETS STA. 1+52.30 TO STA. 596+40.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2966	12-00024-00-FP	WILL	129	76
JOB NO. C-91-342-12			CONTRACT NO. 61C87	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT M-900319891				



- LEGEND**
- PORTLAND CEMENT CONCRETE PAVEMENT, TRUCK APRON SPECIAL - 7.5"
 - PORTLAND CEMENT CONCRETE PAVEMENT, CROSSWALK SPECIAL - 7.5"
 - TURNING AREA 2.0% MAX SLOPE IN ALL DIRECTIONS
 - 2" EXPANSION JOINT IN ACCORDANCE WITH STD. SPECIFICATIONS
 - CONSTRUCTION JOINT ACCORDING TO STD. 420001-07
 - SAWED TRANSVERSE CONTRACTION JOINTS AND LONGITUDINAL JOINTS ACCORDING TO STD. 420001-07
 - x R782.80 PROPOSED RIM ELEVATION
 - x 782.80 PROPOSED PAVEMENT ELEVATION
 - x TC782.80 PROPOSED TOP OF CURB ELEVATION
 - x SW782.80 PROPOSED SIDEWALK OR PATH ELEVATION

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 114 W. JEFFERSON STREET
 SHOREWOOD, ILLINOIS 60404
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 DESIGNED - YOS
 DRAWN - DRR
 CHECKED - PSA
 DATE - 06/17/16

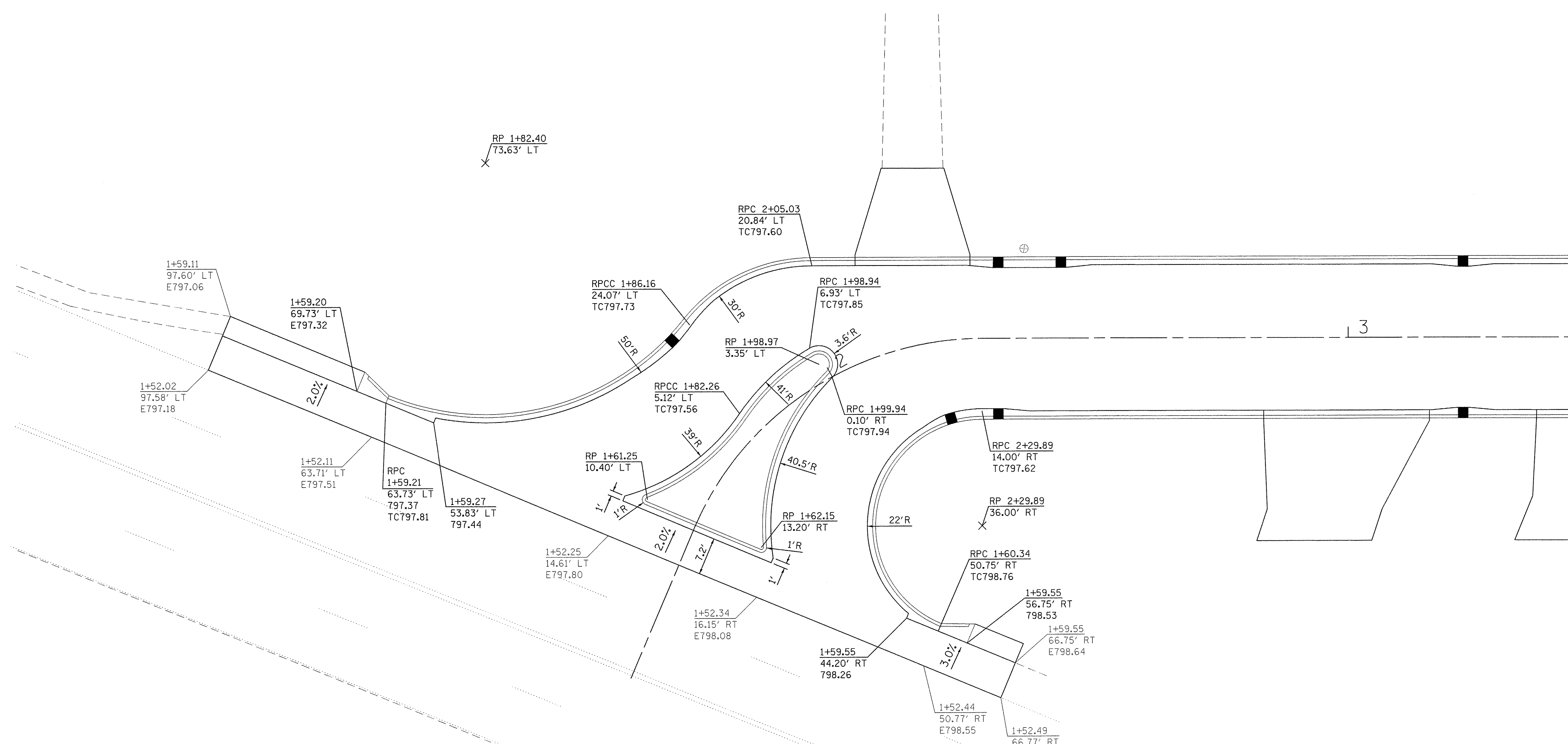
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

INTERSECTION DETAILS

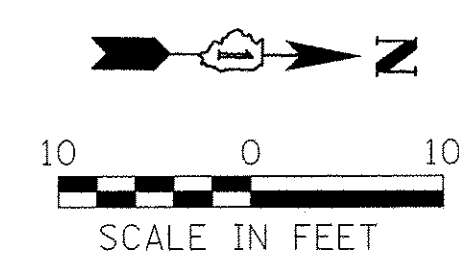
SCALE: 1"=10' SHEET 4 OF 5 SHEETS STA. 1+52.30 TO STA. 596+40.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2966	12-00024-00-FP	WILL	129	77
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT M-9003(989)	



LEGEND

- × R782.80 PROPOSED RIM ELEVATION
- × 782.80 PROPOSED PAVEMENT ELEVATION
- × TC782.80 PROPOSED TOP OF CURB ELEVATION
- × SW782.80 PROPOSED SIDEWALK ELEVATION
- RP 1+08.57 / 14.00' LT PROPOSED RADIUS POINT
- RPC 1+08.57 / 14.00' LT PROPOSED RADIUS POINT OF CURVATURE



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	DRAWN - DRR	REVISED -
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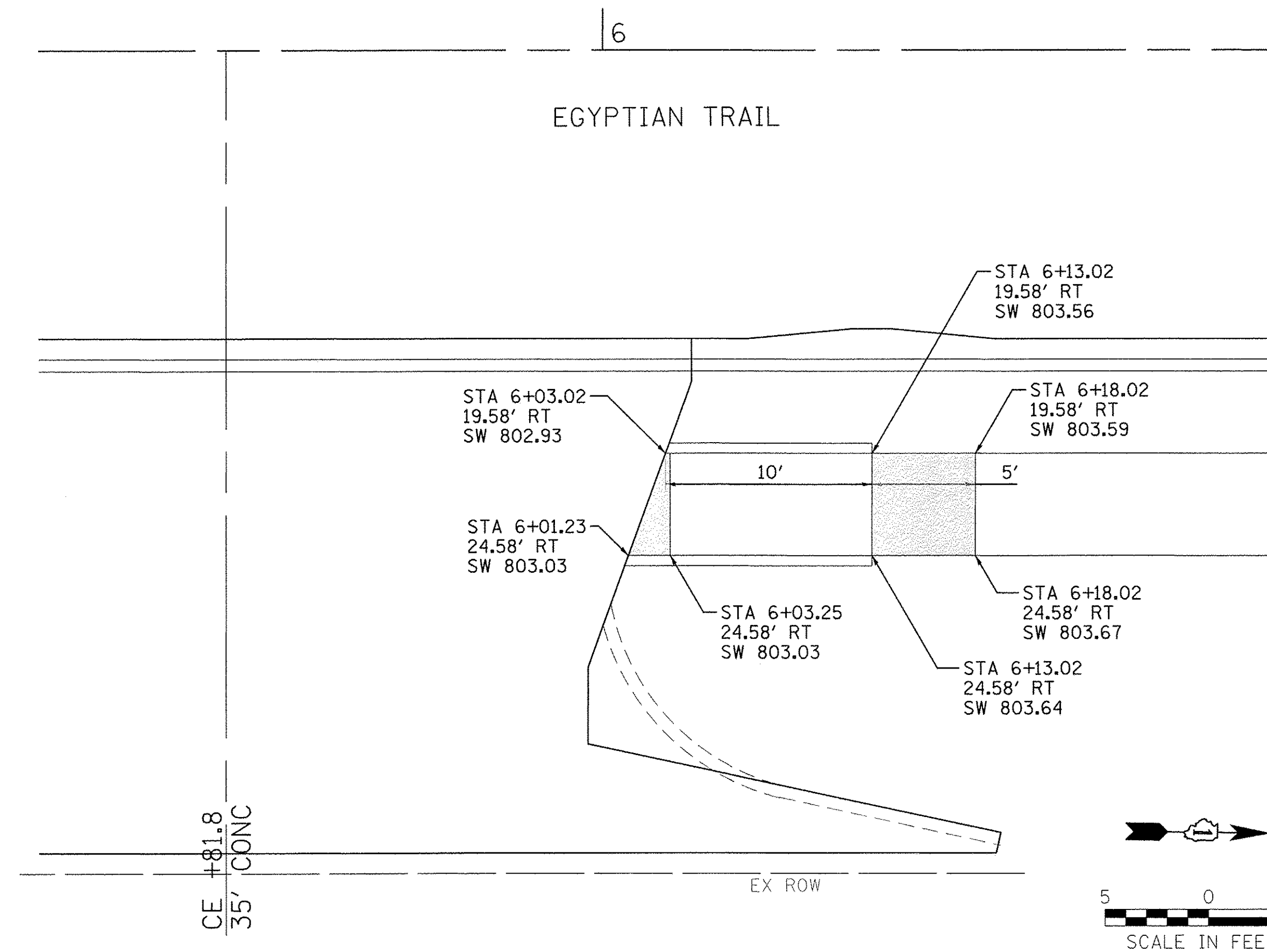
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

INTERSECTION DETAILS

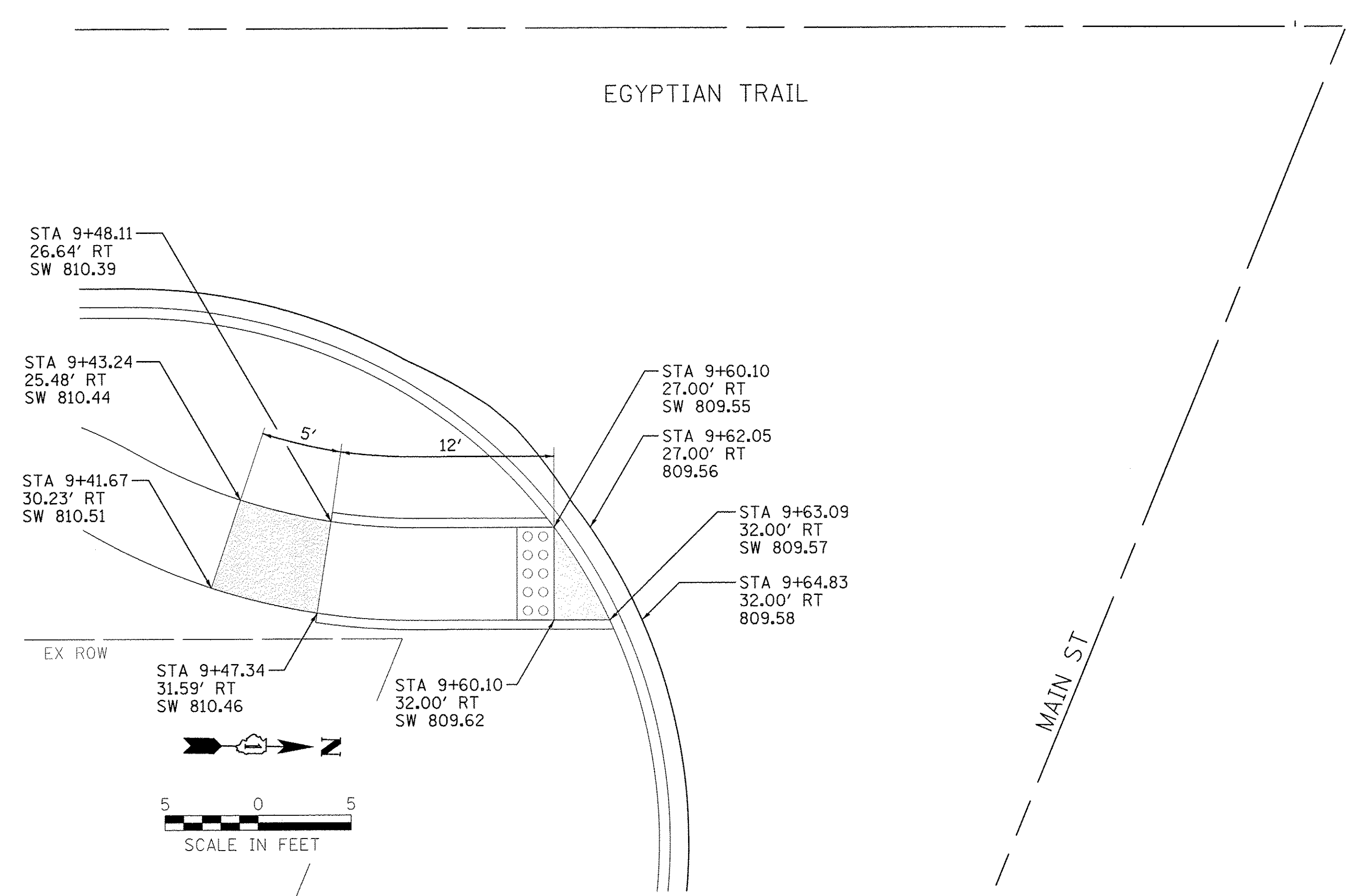
SCALE: 1"=10' SHEET 5 OF 5 SHEETS STA. 1+52.30 TO STA. 596+40.00

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 78
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT M-9003(989)				

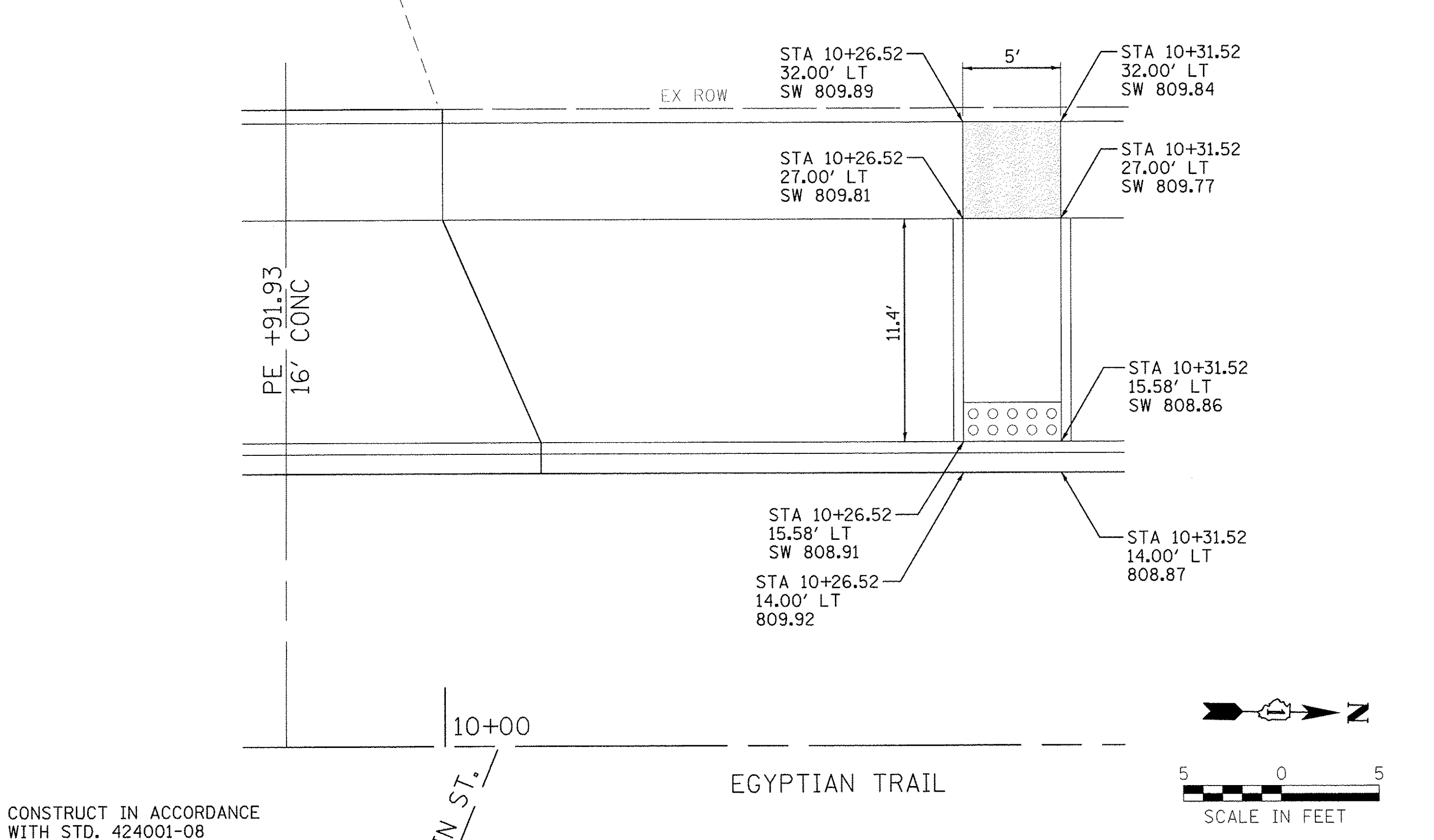
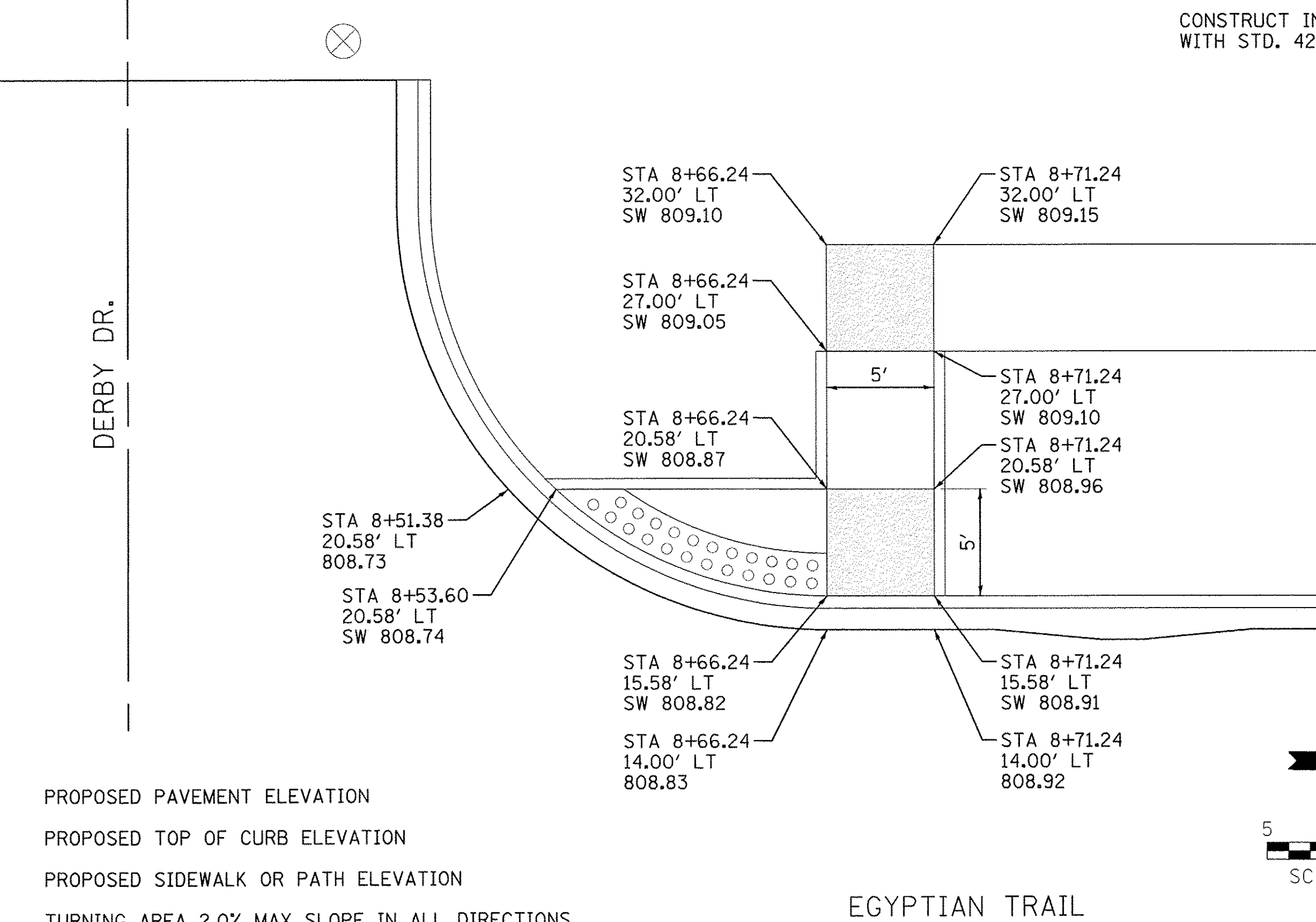
CONSTRUCT IN ACCORDANCE WITH STD. 424001-08



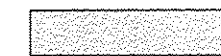
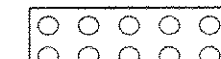
CONSTRUCT IN ACCORDANCE WITH STD. 424001-08



CONSTRUCT IN ACCORDANCE WITH STD. 424001-08



LEGEND

- 782.80 PROPOSED PAVEMENT ELEVATION
- TC 782.80 PROPOSED TOP OF CURB ELEVATION
- SW 782.80 PROPOSED SIDEWALK OR PATH ELEVATION
-  TURNING AREA 2.0% MAX SLOPE IN ALL DIRECTIONS
-  DETECTABLE WARNINGS

Farnsworth GROUP
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 SHOREWOOD, ILLINOIS 60404
 (815) 744-6940 / info@f-w.com

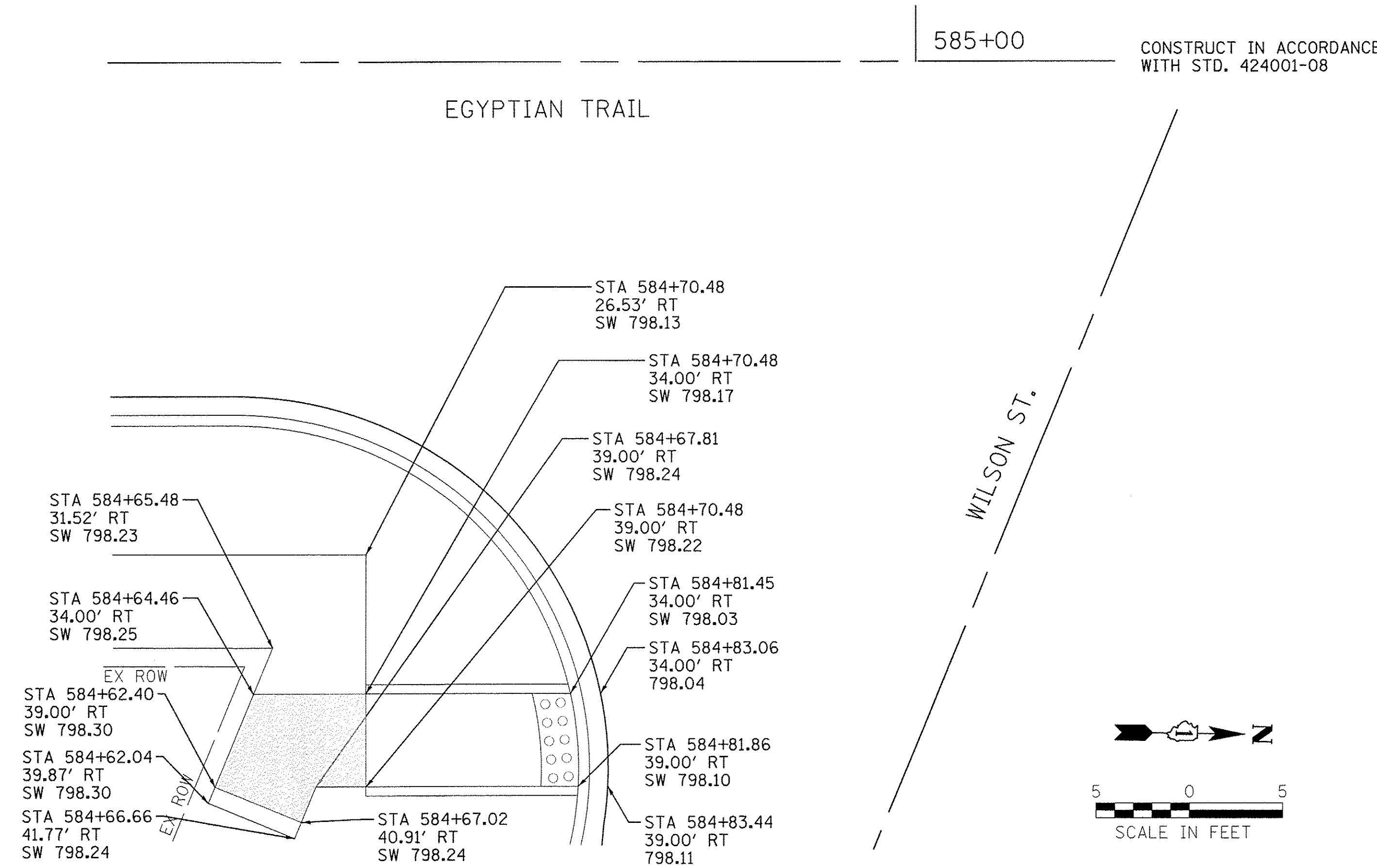
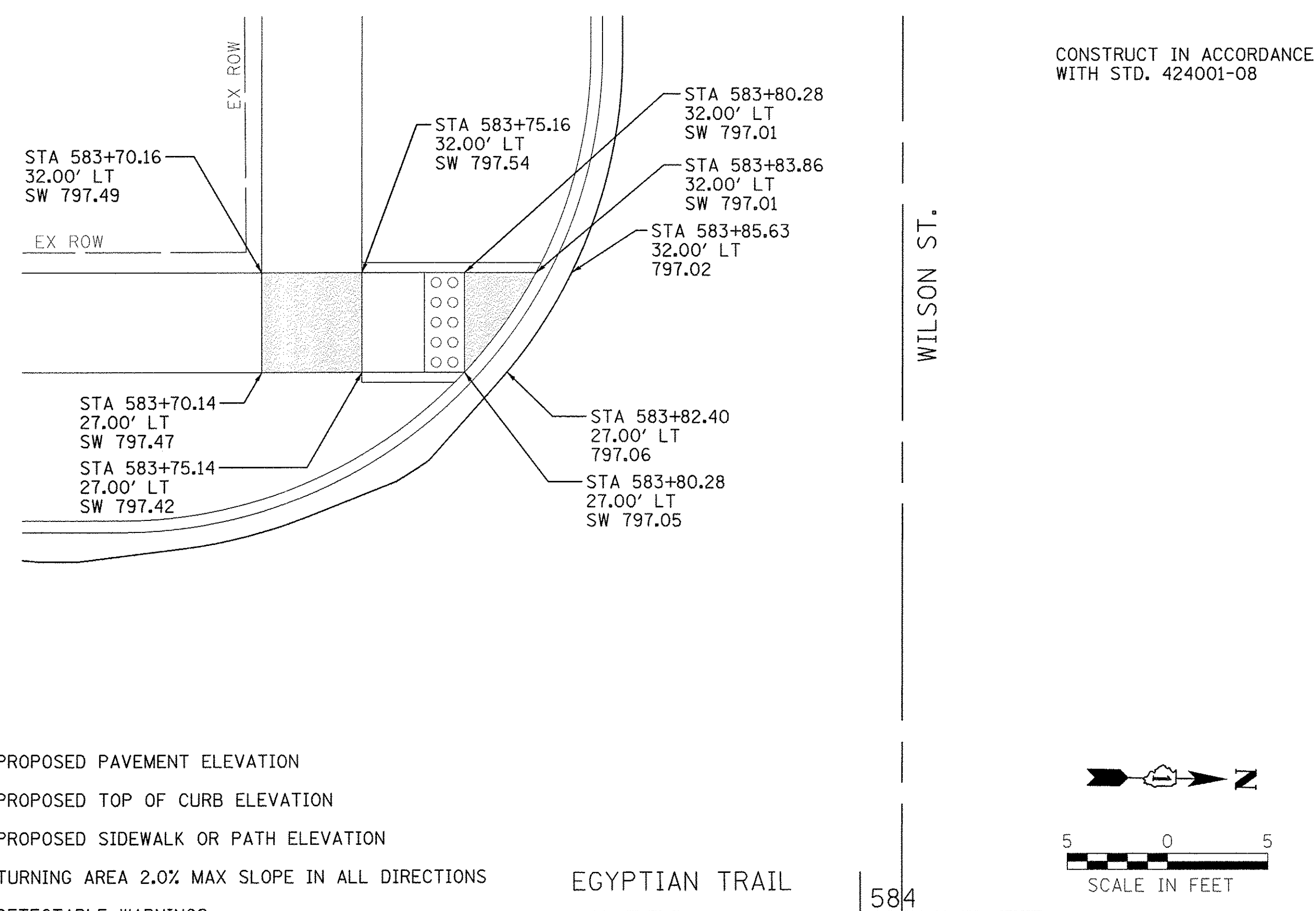
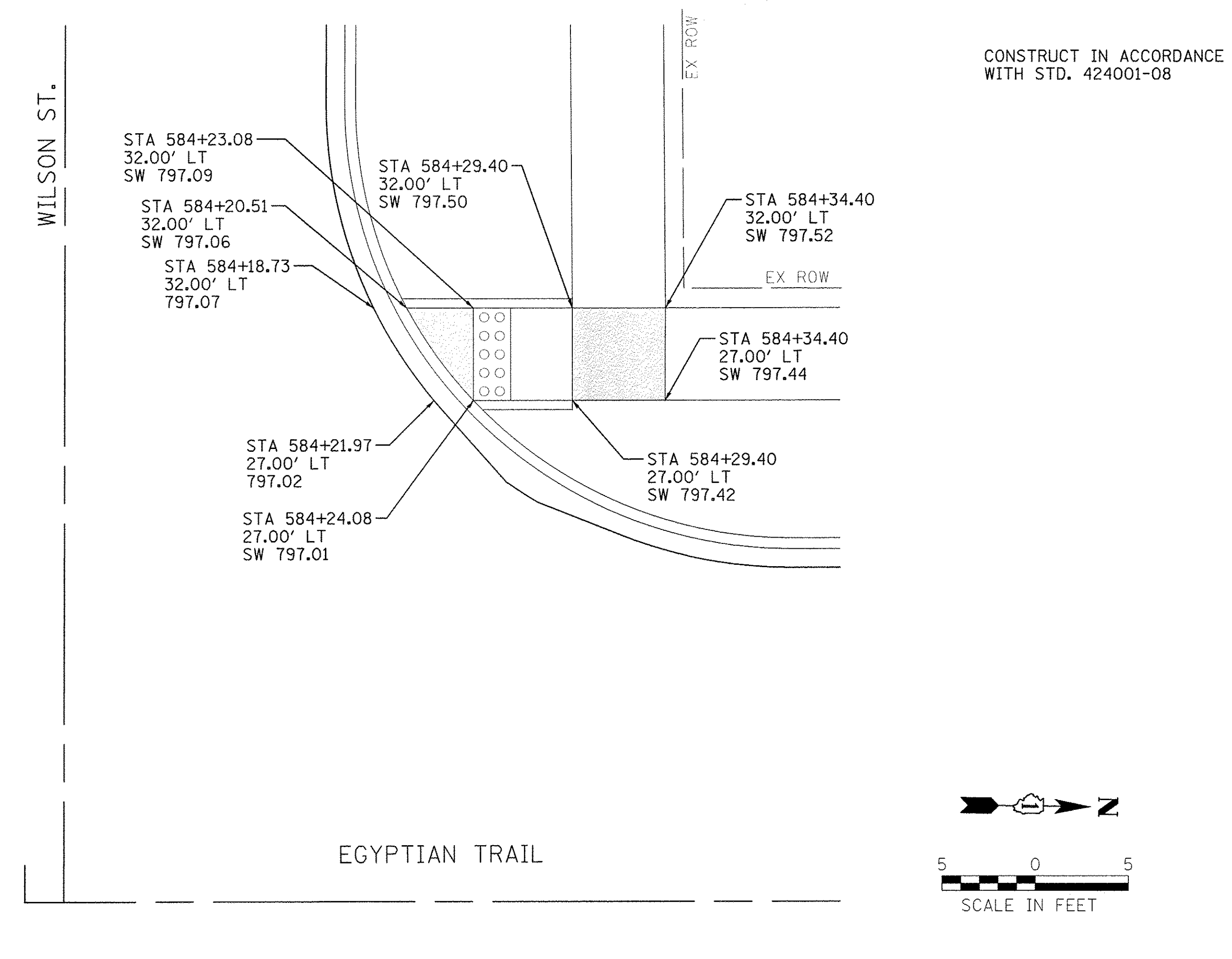
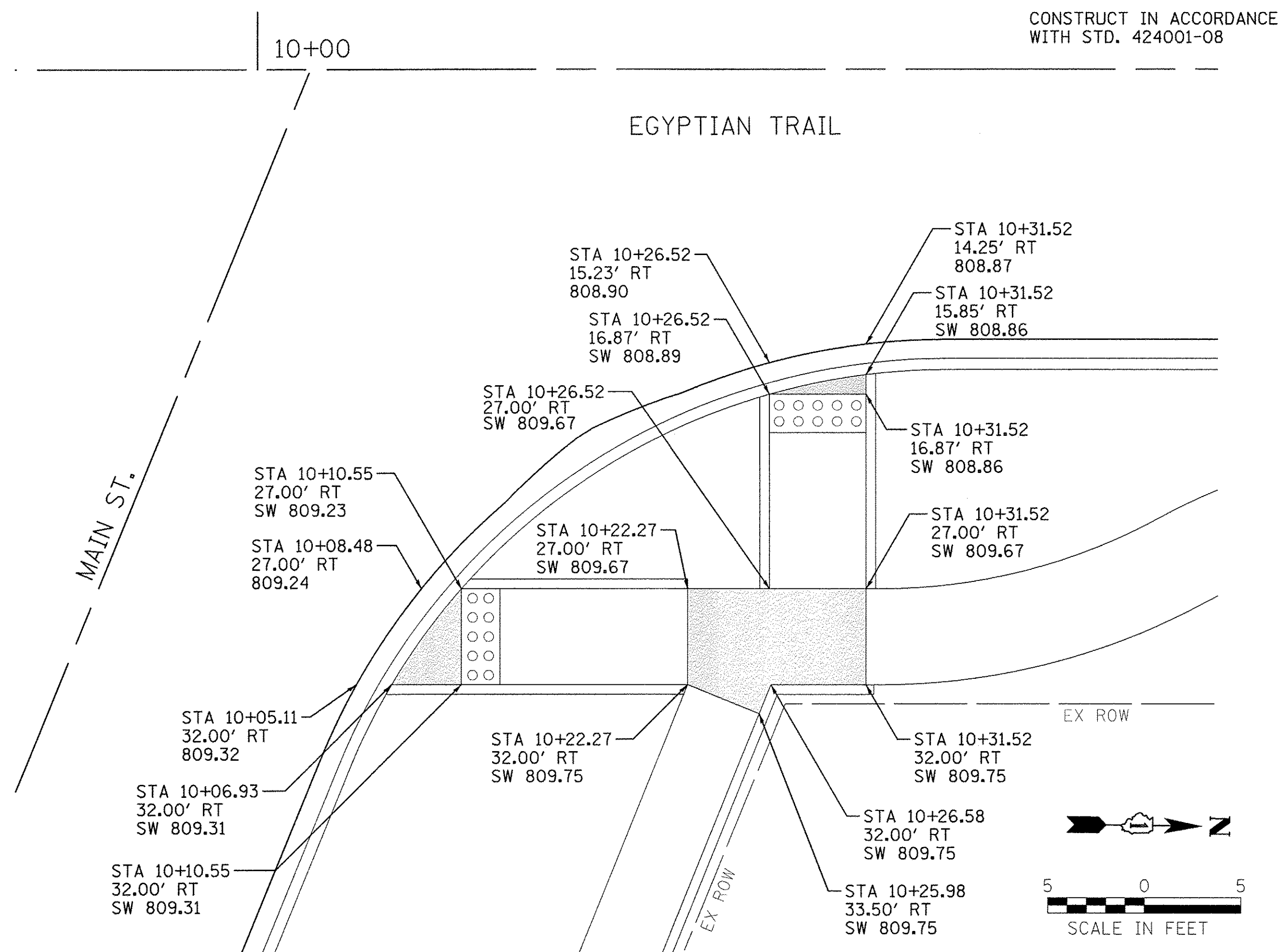
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	DRAWN - DRR	REVISED -
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PLOT DATE = 6/24/2016	DATE = 06/17/16	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SIDEWALK RAMP DETAILS

SCALE: 1"=5' SHEET 1 OF 5 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 79
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT M-9003(989)		



LEGEND

782.80	PROPOSED PAVEMENT ELEVATION
TC 782.80	PROPOSED TOP OF CURB ELEVATION
SW 782.80	PROPOSED SIDEWALK OR PATH ELEVATION
[Shaded Area]	TURNING AREA 2.0% MAX SLOPE IN ALL DIRECTIONS
[Circles]	DETECTABLE WARNINGS

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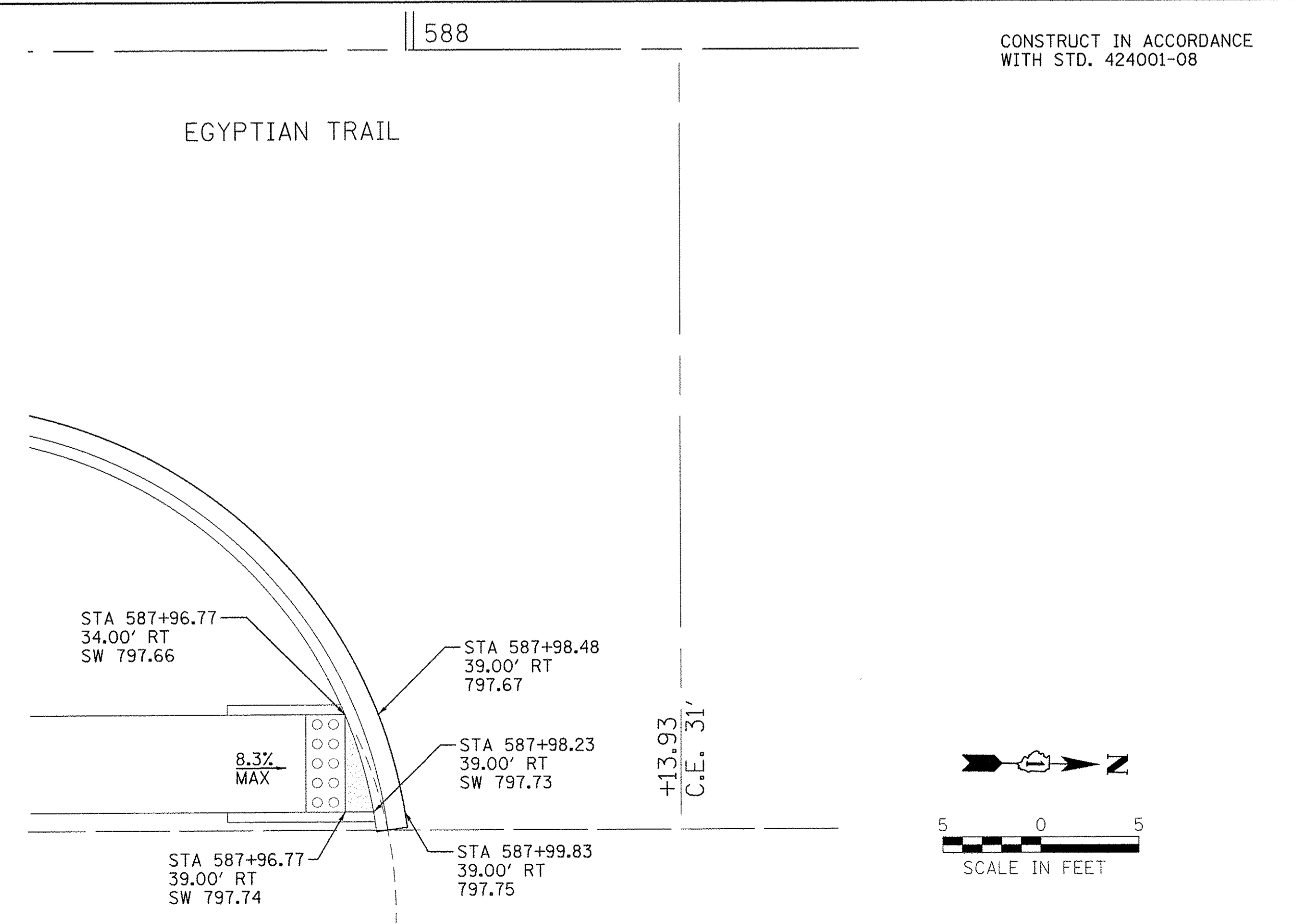
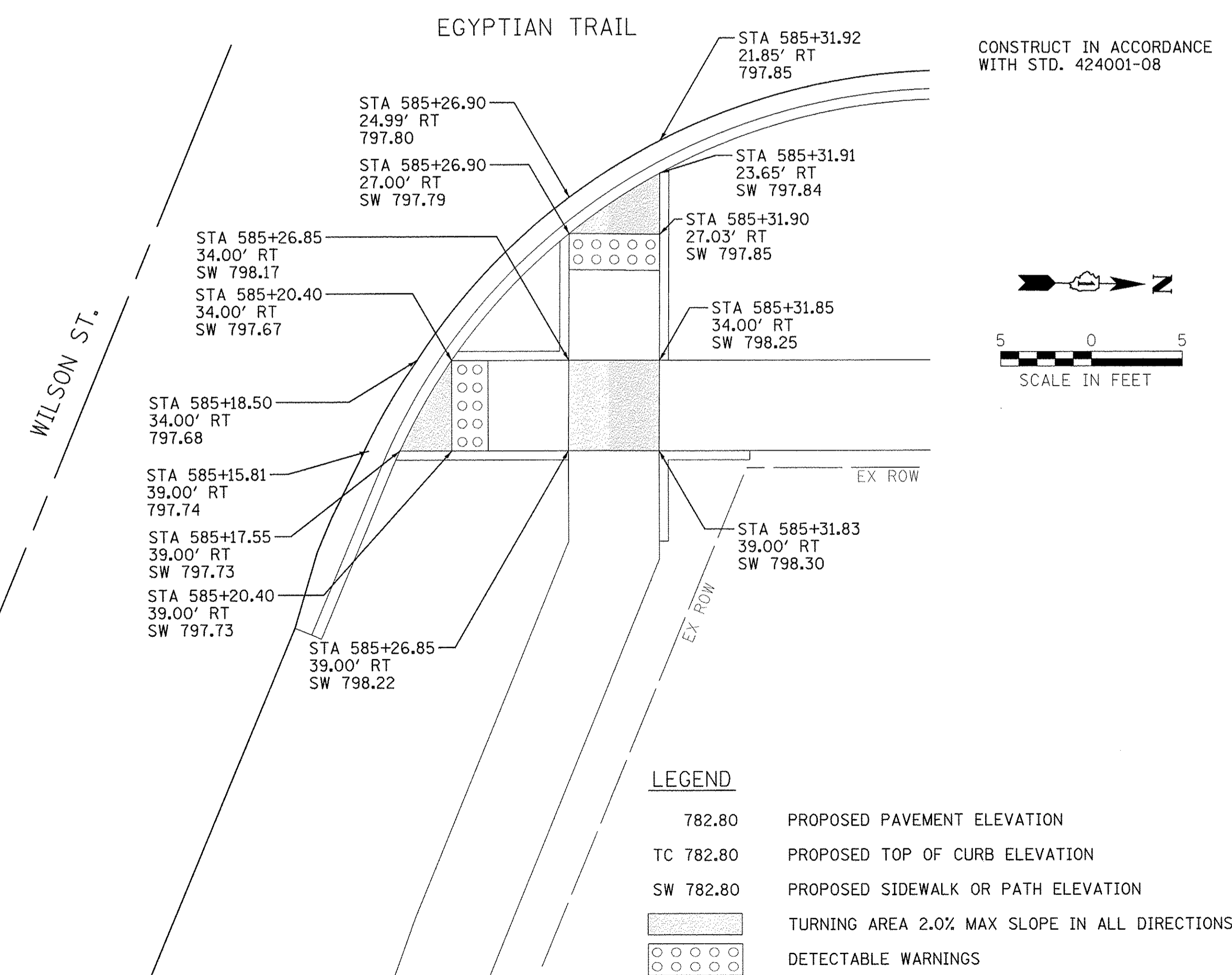
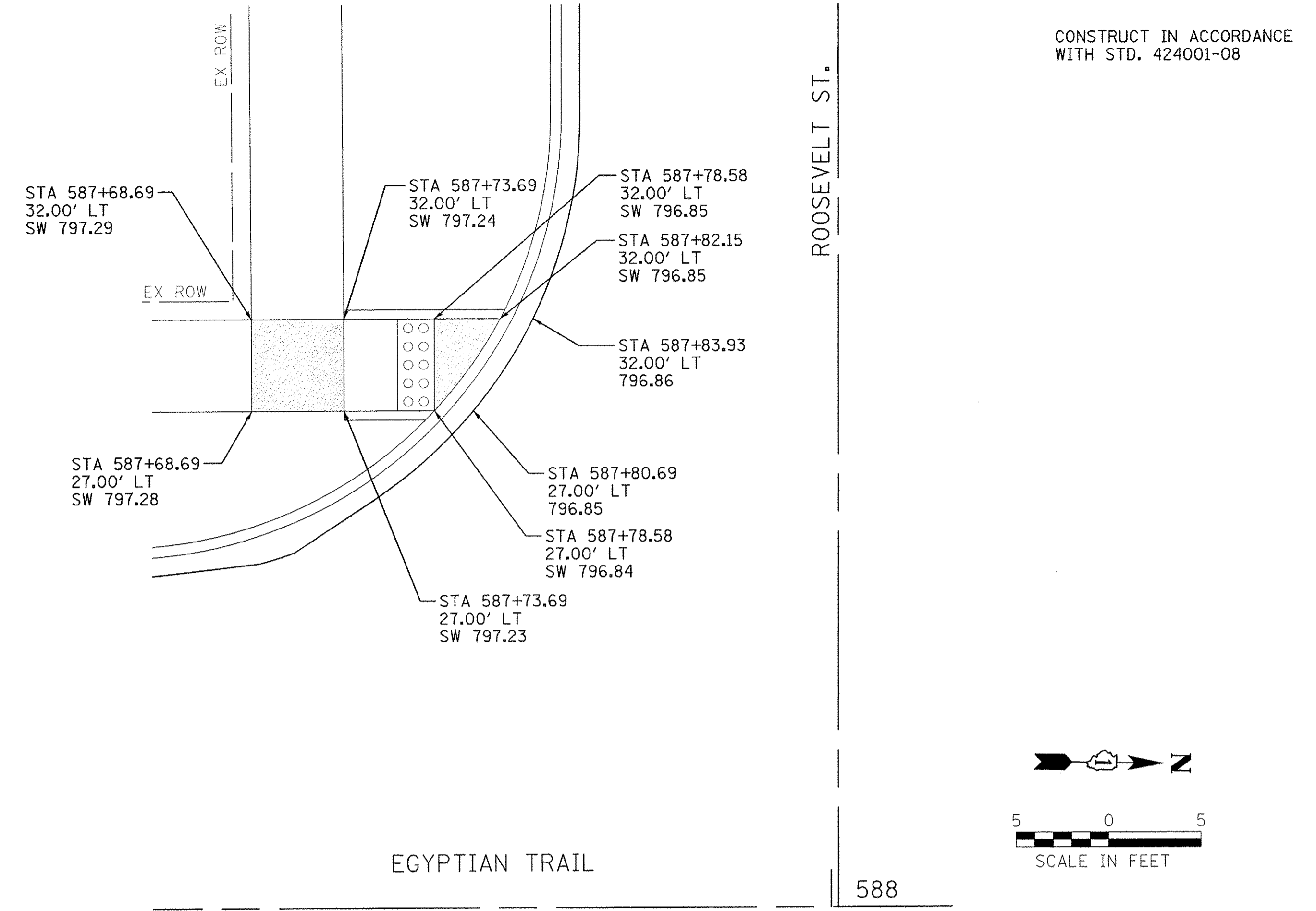
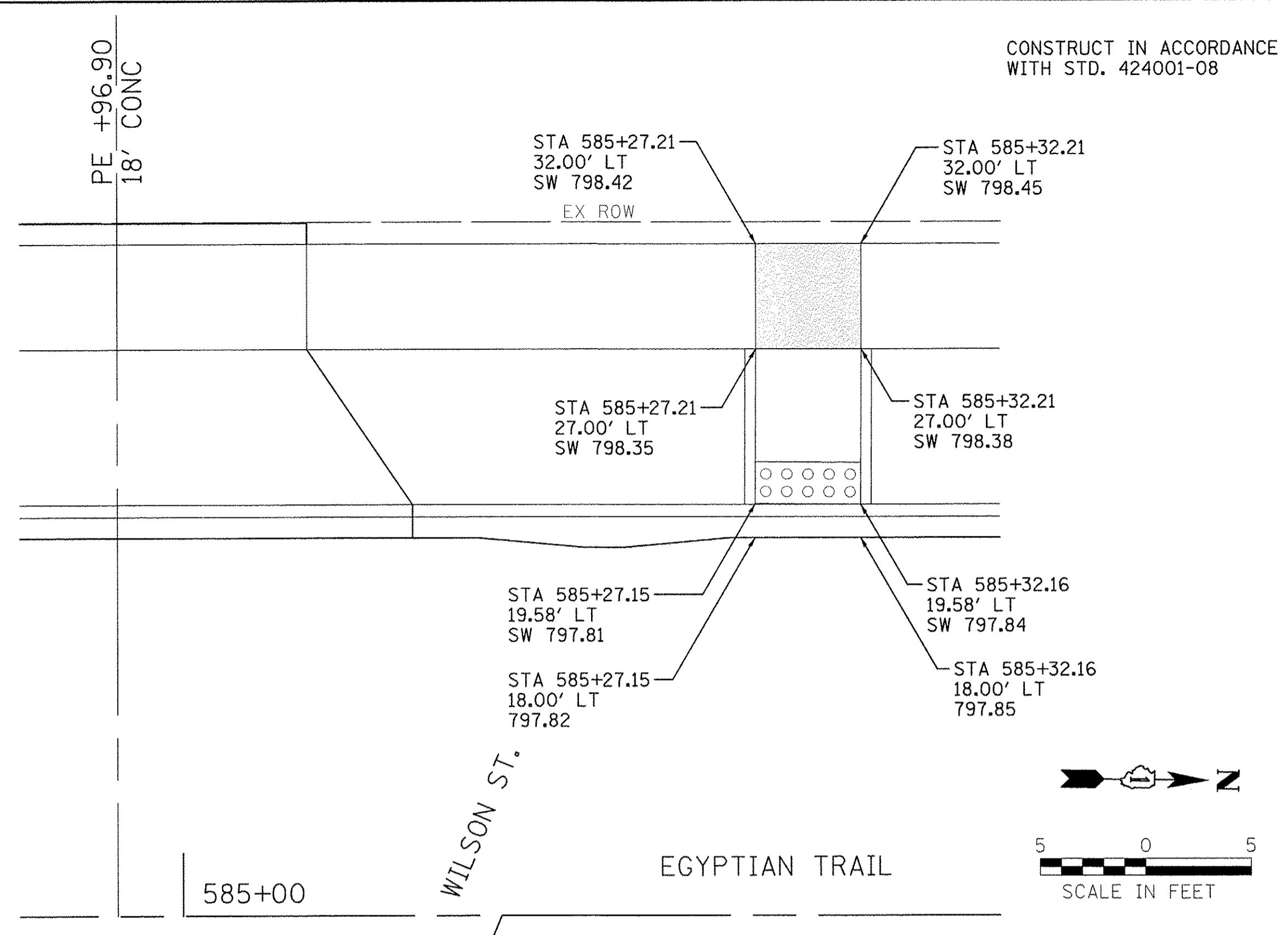
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DRAWN - DRR	REVISOR -	
CHECKED - PSA	REVISOR -	
DATE - 06/17/16	REVISOR -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS

SCALE: 1"=5' SHEET 2 OF 5 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 80
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT M-90031989		



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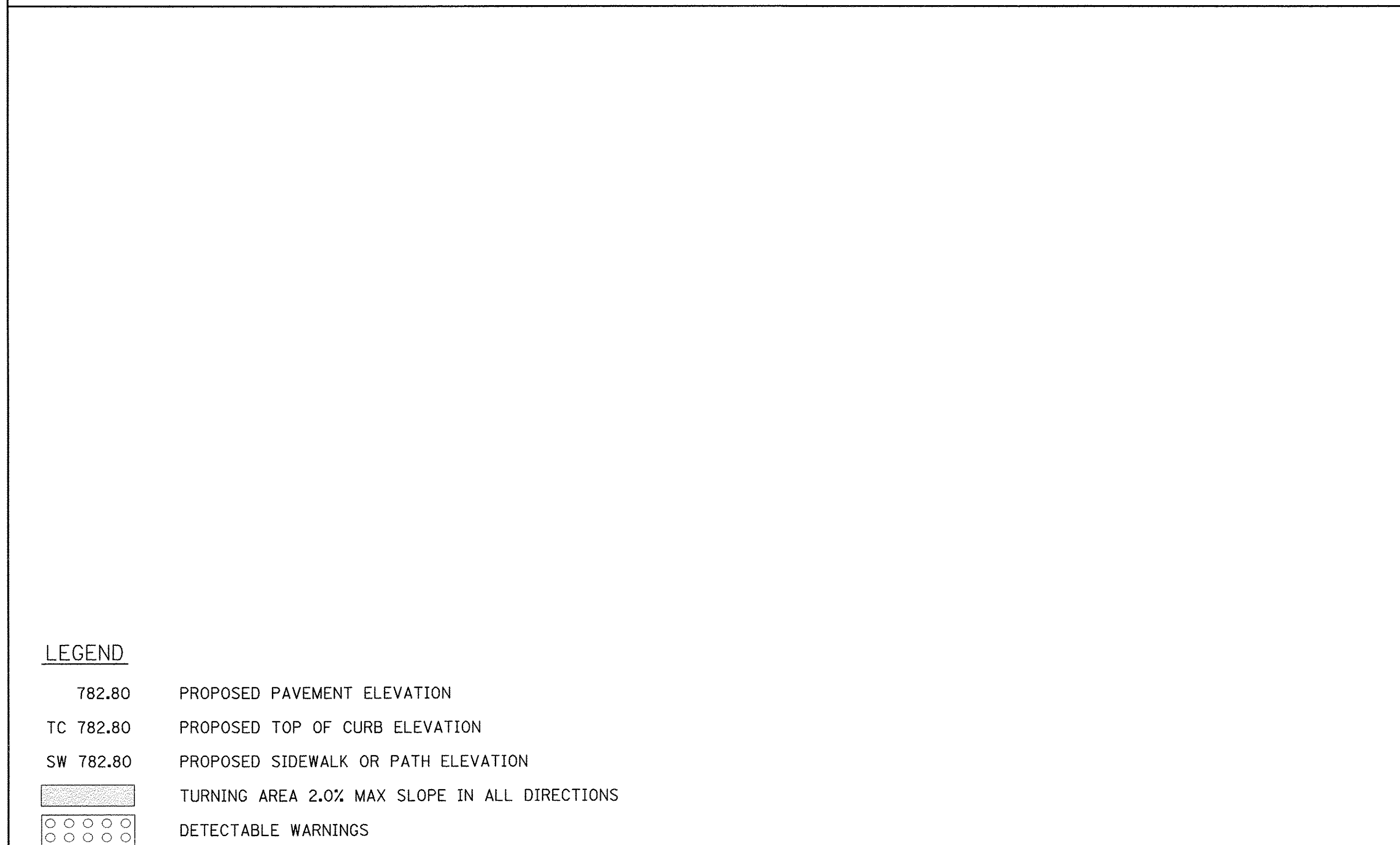
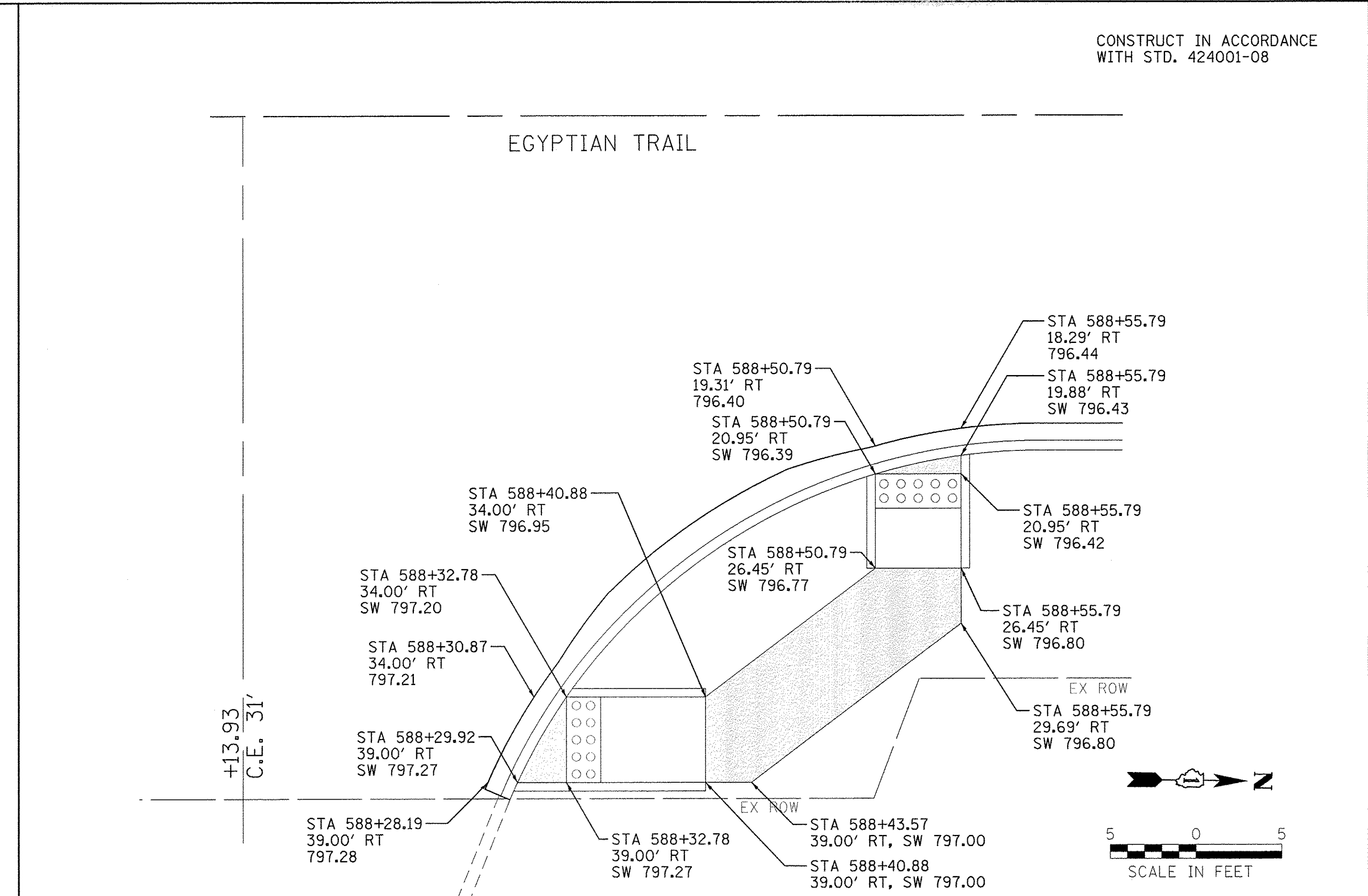
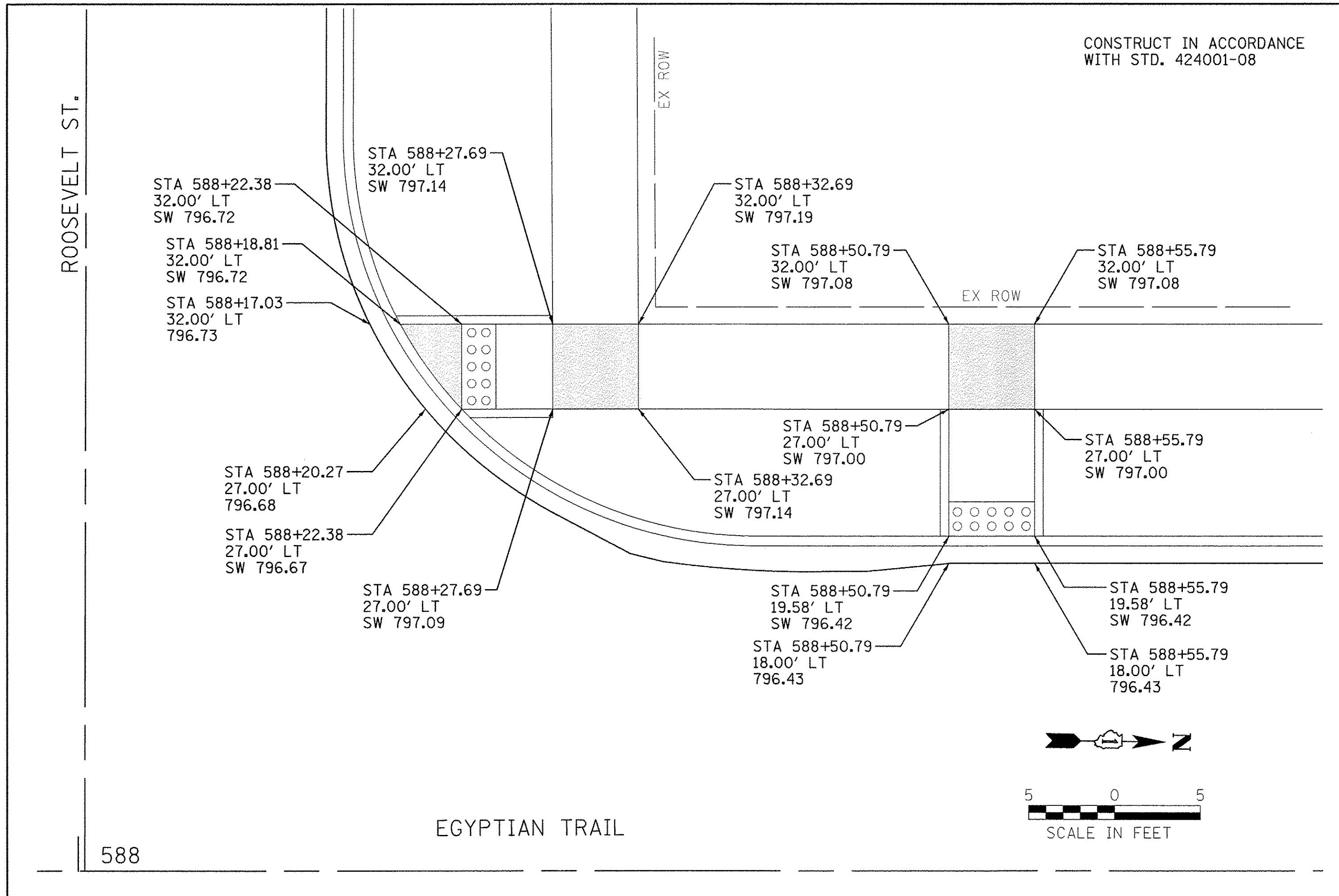
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PLOT DATE = 6/24/2016	CHECKED - PSA	REVISED -
	DATE - 06/17/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIDEWALK RAMP DETAILS

SCALE: 1"=5' SHEET 3 OF 5 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 81
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT M-9003(989)		



LEGEND

- 782.80 PROPOSED PAVEMENT ELEVATION
- TC 782.80 PROPOSED TOP OF CURB ELEVATION
- SW 782.80 PROPOSED SIDEWALK OR PATH ELEVATION
- TURNING AREA 2.0% MAX SLOPE IN ALL DIRECTIONS
- DETECTABLE WARNINGS

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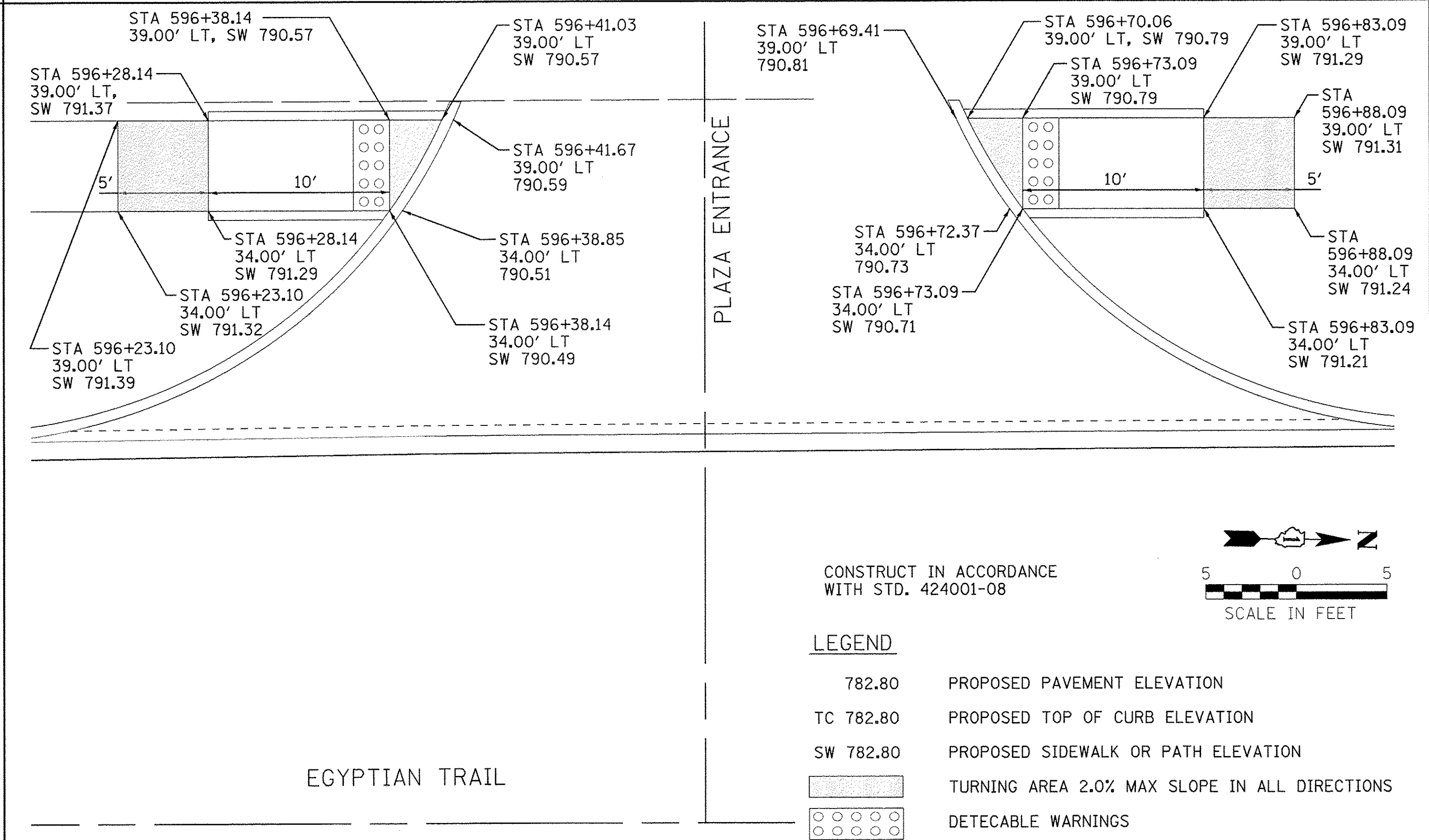
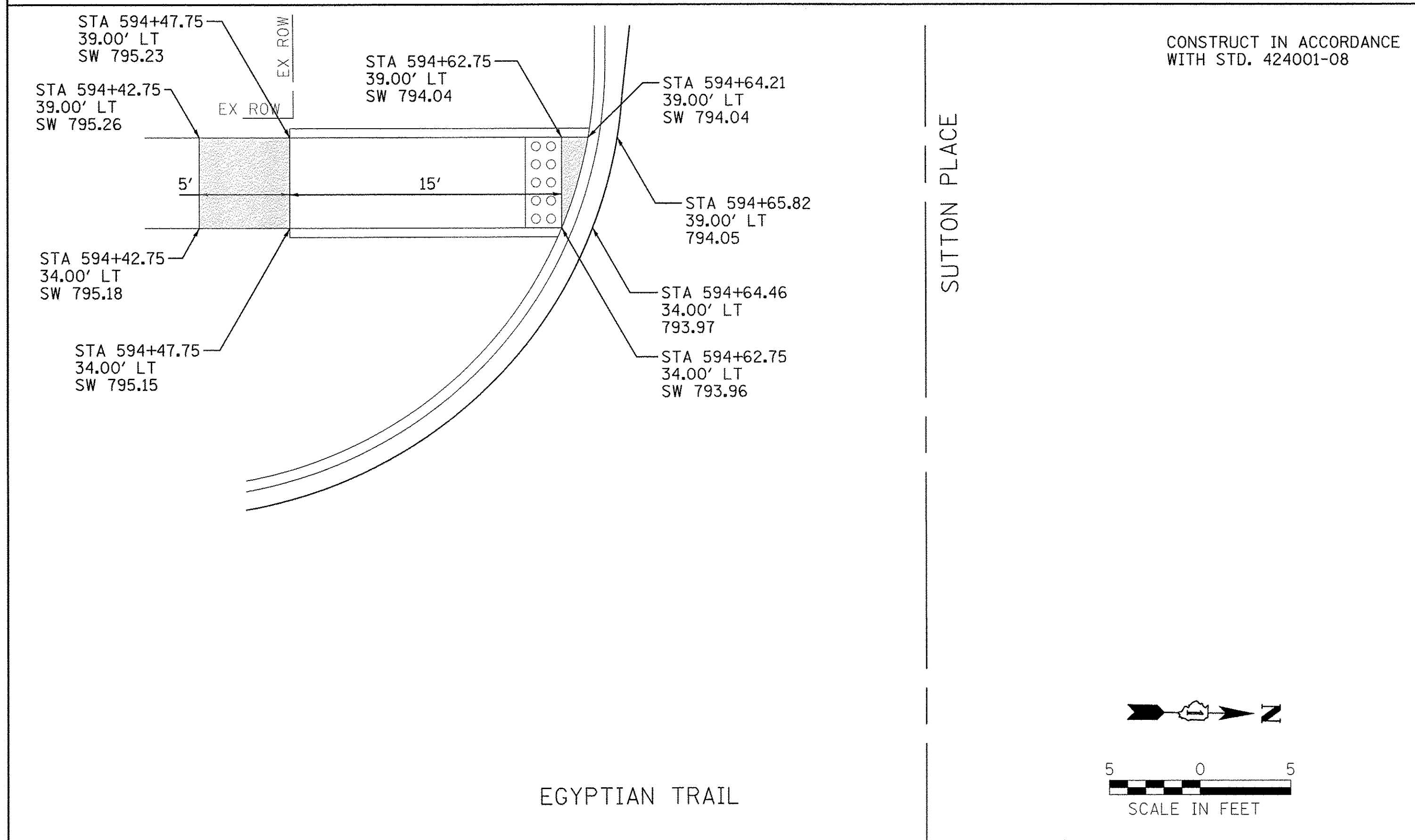
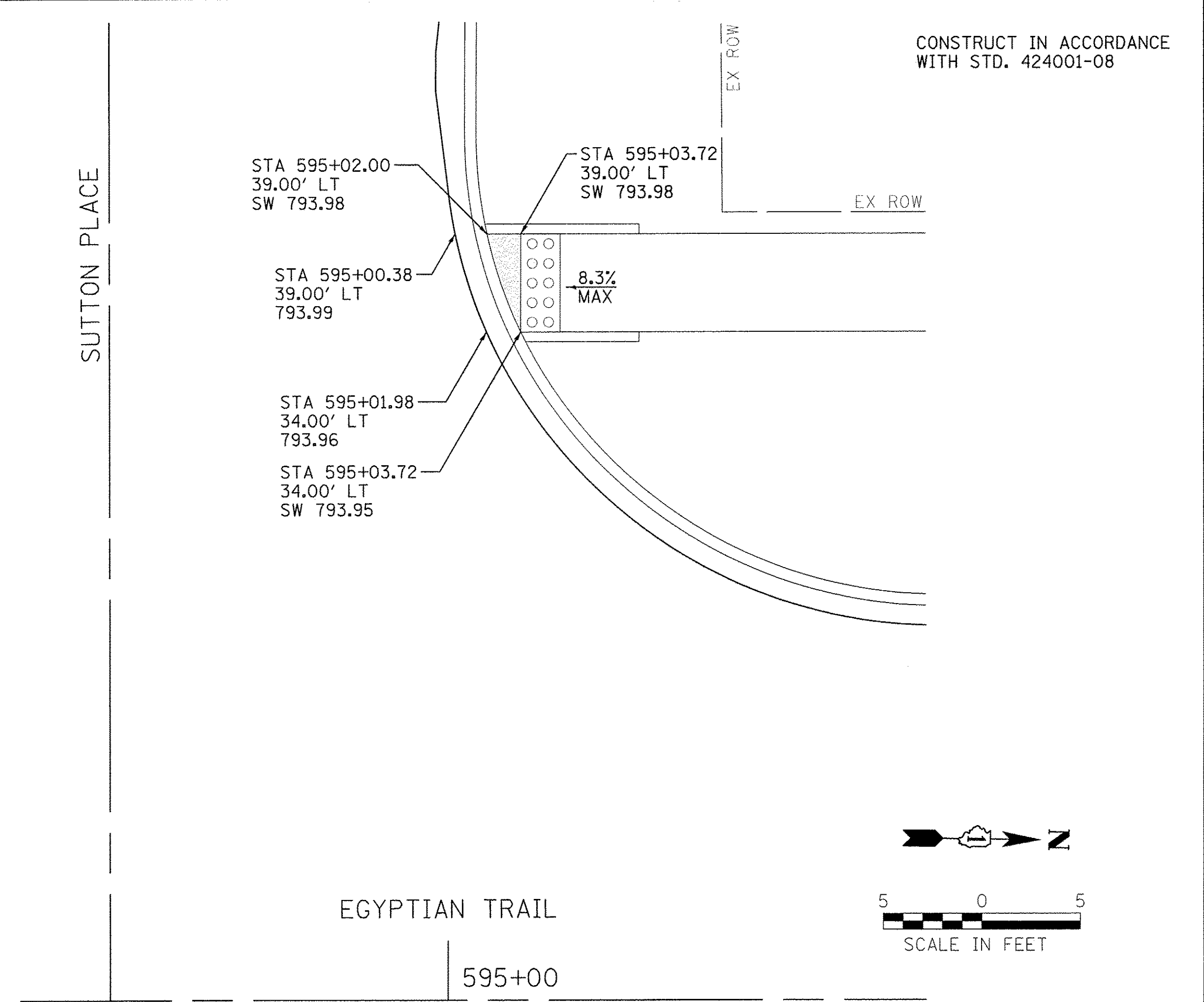
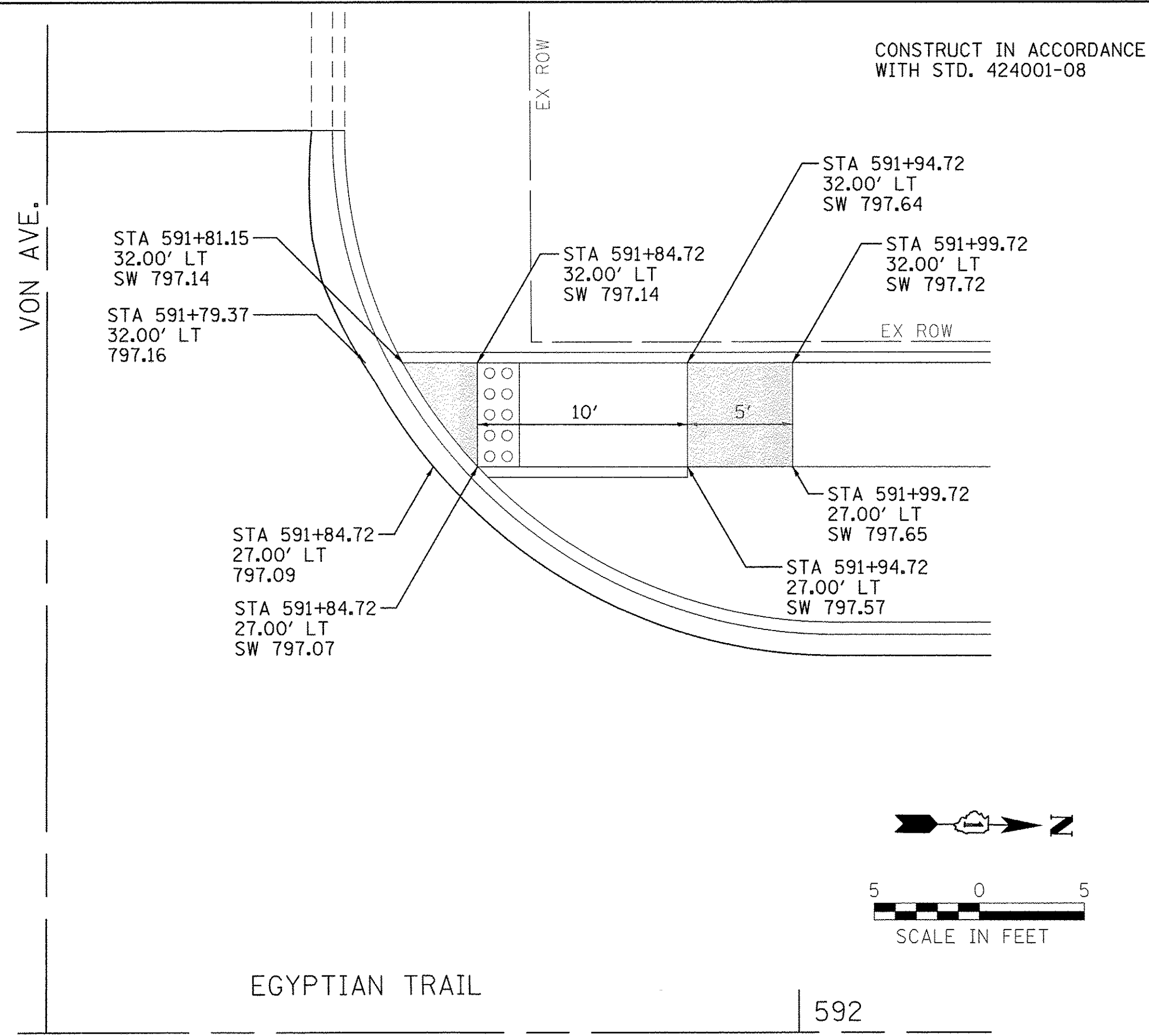
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DRAWN - DRR	REVISED -	
CHECKED - PSA	REVISED -	
DATE - 06/17/16	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIDEWALK RAMP DETAILS

SCALE: 1"=5' SHEET 4 OF 5 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 82
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT M-9003(989)		



LEGEND

782.80	PROPOSED PAVEMENT ELEVATION
TC 782.80	PROPOSED TOP OF CURB ELEVATION
SW 782.80	PROPOSED SIDEWALK OR PATH ELEVATION
	TURNING AREA 2.0% MAX SLOPE IN ALL DIRECTIONS
	DETECTABLE WARNINGS

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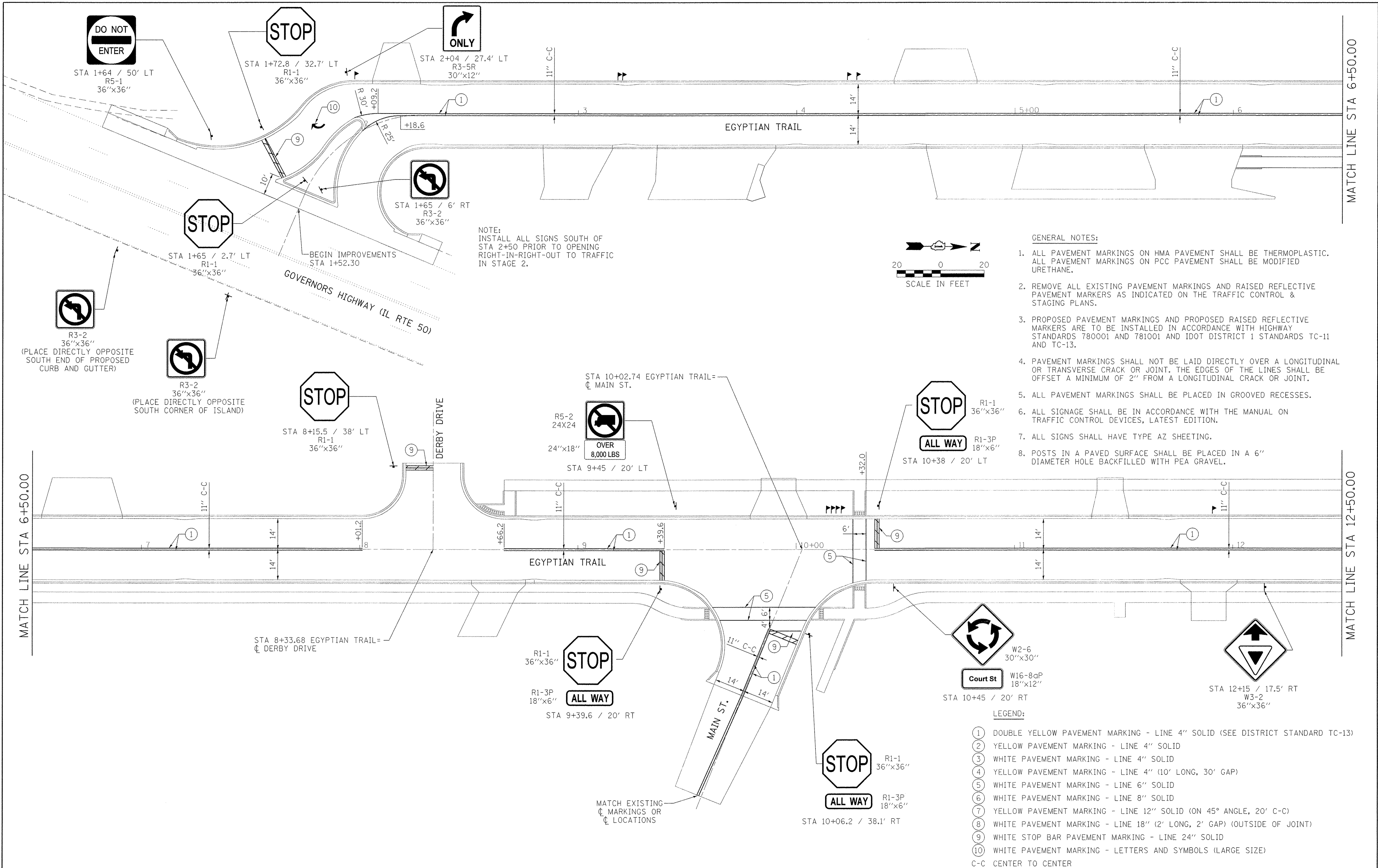
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PLOT DATE = 6/24/2016	DATE - 06/17/16	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SIDEWALK RAMP DETAILS

SCALE: 1"=5' SHEET 5 OF 5 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 83
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT M-9003(989)		

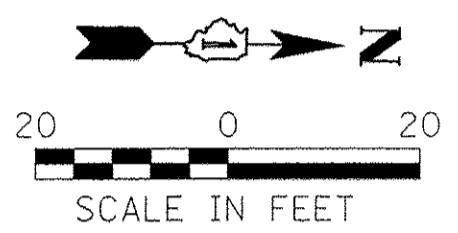


MATCH LINE STA 6+50.00

MATCH LINE STA 12+50.00

MATCH LINE STA 6+50.00

NOTE:
INSTALL ALL SIGNS SOUTH OF
STA 2+50 PRIOR TO OPENING
RIGHT-IN-RIGHT-OUT TO TRAFFIC
IN STAGE 2.



- GENERAL NOTES:**
1. ALL PAVEMENT MARKINGS ON HMA PAVEMENT SHALL BE THERMOPLASTIC. ALL PAVEMENT MARKINGS ON PCC PAVEMENT SHALL BE MODIFIED URETHANE.
 2. REMOVE ALL EXISTING PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS AS INDICATED ON THE TRAFFIC CONTROL & STAGING PLANS.
 3. PROPOSED PAVEMENT MARKINGS AND PROPOSED RAISED REFLECTIVE MARKERS ARE TO BE INSTALLED IN ACCORDANCE WITH HIGHWAY STANDARDS 780001 AND 781001 AND IDOT DISTRICT 1 STANDARDS TC-11 AND TC-13.
 4. PAVEMENT MARKINGS SHALL NOT BE LAID DIRECTLY OVER A LONGITUDINAL OR TRANSVERSE CRACK OR JOINT. THE EDGES OF THE LINES SHALL BE OFFSET A MINIMUM OF 2" FROM A LONGITUDINAL CRACK OR JOINT.
 5. ALL PAVEMENT MARKINGS SHALL BE PLACED IN GROOVED RECESSES.
 6. ALL SIGNAGE SHALL BE IN ACCORDANCE WITH THE MANUAL ON TRAFFIC CONTROL DEVICES, LATEST EDITION.
 7. ALL SIGNS SHALL HAVE TYPE AZ SHEETING.
 8. POSTS IN A PAVED SURFACE SHALL BE PLACED IN A 6" DIAMETER HOLE BACKFILLED WITH PEA GRAVEL.

- LEGEND:**
- ① DOUBLE YELLOW PAVEMENT MARKING - LINE 4" SOLID (SEE DISTRICT STANDARD TC-13)
 - ② YELLOW PAVEMENT MARKING - LINE 4" SOLID
 - ③ WHITE PAVEMENT MARKING - LINE 4" SOLID
 - ④ YELLOW PAVEMENT MARKING - LINE 4" (10' LONG, 30' GAP)
 - ⑤ WHITE PAVEMENT MARKING - LINE 6" SOLID
 - ⑥ WHITE PAVEMENT MARKING - LINE 8" SOLID
 - ⑦ YELLOW PAVEMENT MARKING - LINE 12" SOLID (ON 45° ANGLE, 20' C-C)
 - ⑧ WHITE PAVEMENT MARKING - LINE 18" (2' LONG, 2' GAP) (OUTSIDE OF JOINT)
 - ⑨ WHITE STOP BAR PAVEMENT MARKING - LINE 24" SOLID
 - ⑩ WHITE PAVEMENT MARKING - LETTERS AND SYMBOLS (LARGE SIZE)
- C-C CENTER TO CENTER

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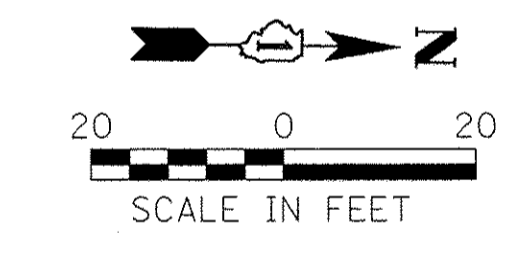
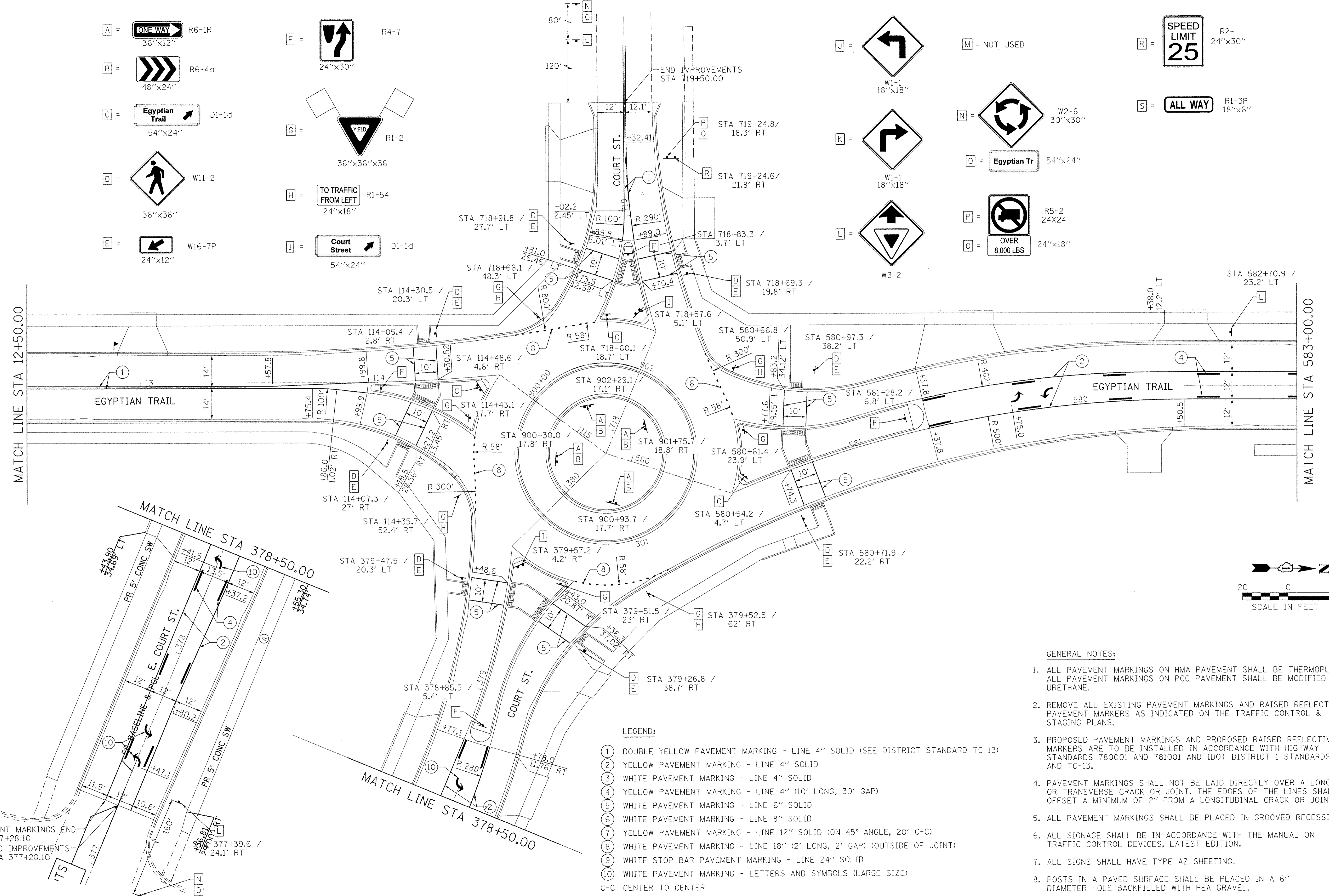
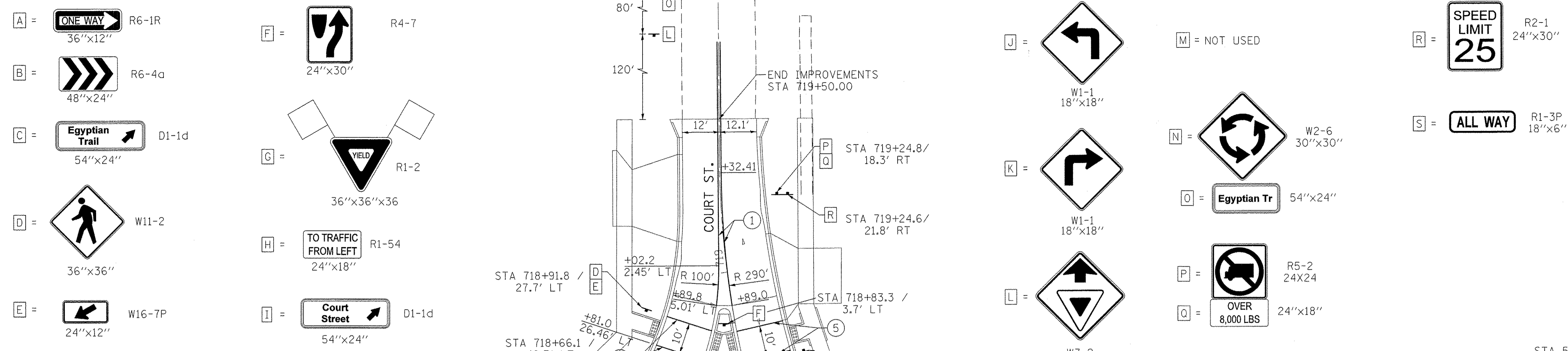
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PLOT DATE = 6/24/2016	CHECKED - PSA	REVISED -
	DATE - 06/17/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNAGE PLAN

SCALE: 1"=20' SHEET 1 OF 4 SHEETS STA. 1+52.30 TO STA. 12+50.00

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 84
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		M-9003(989)



LEGEND:

- ① DOUBLE YELLOW PAVEMENT MARKING - LINE 4" SOLID (SEE DISTRICT STANDARD TC-13)
 - ② YELLOW PAVEMENT MARKING - LINE 4" SOLID
 - ③ WHITE PAVEMENT MARKING - LINE 4" SOLID
 - ④ YELLOW PAVEMENT MARKING - LINE 4" (10' LONG, 30' GAP)
 - ⑤ WHITE PAVEMENT MARKING - LINE 6" SOLID
 - ⑥ WHITE PAVEMENT MARKING - LINE 8" SOLID
 - ⑦ YELLOW PAVEMENT MARKING - LINE 12" SOLID (ON 45° ANGLE, 20' C-C)
 - ⑧ WHITE PAVEMENT MARKING - LINE 18" (2' LONG, 2' GAP) (OUTSIDE OF JOINT)
 - ⑨ WHITE STOP BAR PAVEMENT MARKING - LINE 24" SOLID
 - ⑩ WHITE PAVEMENT MARKING - LETTERS AND SYMBOLS (LARGE SIZE)
- C-C CENTER TO CENTER

GENERAL NOTES:

1. ALL PAVEMENT MARKINGS ON HMA PAVEMENT SHALL BE THERMOPLASTIC. ALL PAVEMENT MARKINGS ON PCC PAVEMENT SHALL BE MODIFIED URETHANE.
2. REMOVE ALL EXISTING PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS AS INDICATED ON THE TRAFFIC CONTROL & STAGING PLANS.
3. PROPOSED PAVEMENT MARKINGS AND PROPOSED RAISED REFLECTIVE MARKERS ARE TO BE INSTALLED IN ACCORDANCE WITH HIGHWAY STANDARDS 780001 AND 781001 AND IDOT DISTRICT 1 STANDARDS TC-11 AND TC-13.
4. PAVEMENT MARKINGS SHALL NOT BE LAID DIRECTLY OVER A LONGITUDINAL OR TRANSVERSE CRACK OR JOINT. THE EDGES OF THE LINES SHALL BE OFFSET A MINIMUM OF 2" FROM A LONGITUDINAL CRACK OR JOINT.
5. ALL PAVEMENT MARKINGS SHALL BE PLACED IN GROOVED RECESSES.
6. ALL SIGNAGE SHALL BE IN ACCORDANCE WITH THE MANUAL ON TRAFFIC CONTROL DEVICES, LATEST EDITION.
7. ALL SIGNS SHALL HAVE TYPE AZ SHEETING.
8. POSTS IN A PAVED SURFACE SHALL BE PLACED IN A 6" DIAMETER HOLE BACKFILLED WITH PEA GRAVEL.

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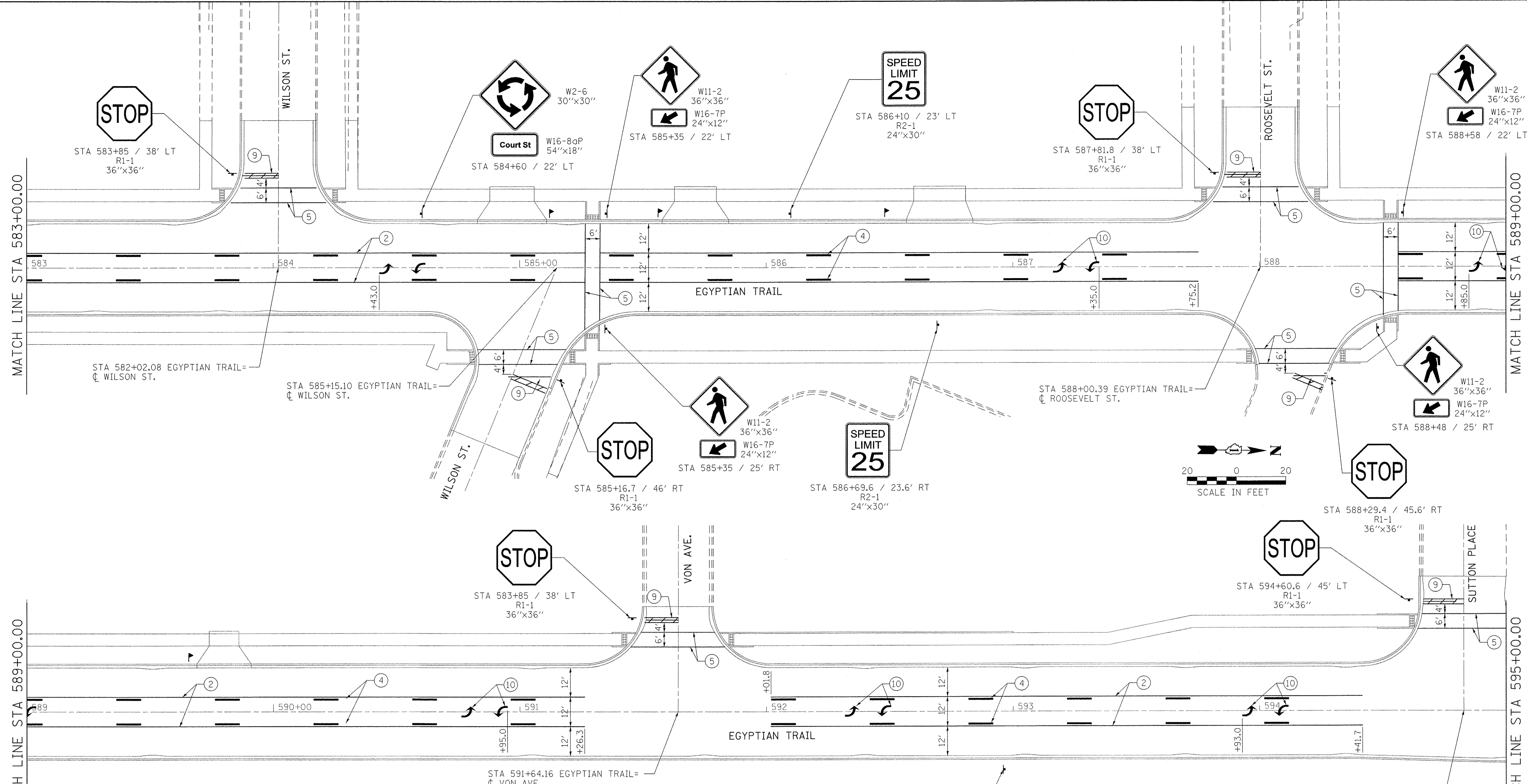
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PLOT DATE = 6/24/2016	CHECKED - PSA	REVISED -
	DATE - 06/17/16	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNAGE PLAN

SCALE: 1"=20' SHEET 2 OF 4 SHEETS STA. 12+50.00 TO STA. 583+00.00

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 85
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT M-9003(989)		



- LEGEND:**
- ① DOUBLE YELLOW PAVEMENT MARKING - LINE 4" SOLID (SEE DISTRICT STANDARD TC-13)
 - ② YELLOW PAVEMENT MARKING - LINE 4" SOLID
 - ③ WHITE PAVEMENT MARKING - LINE 4" SOLID
 - ④ YELLOW PAVEMENT MARKING - LINE 4" (10' LONG, 30' GAP)
 - ⑤ WHITE PAVEMENT MARKING - LINE 6" SOLID
 - ⑥ WHITE PAVEMENT MARKING - LINE 8" SOLID
 - ⑦ YELLOW PAVEMENT MARKING - LINE 12" SOLID (ON 45° ANGLE, 20' C-C)
 - ⑧ WHITE PAVEMENT MARKING - LINE 18" (2' LONG, 2' GAP) (OUTSIDE OF JOINT)
 - ⑨ WHITE STOP BAR PAVEMENT MARKING - LINE 24" SOLID
 - ⑩ WHITE PAVEMENT MARKING - LETTERS AND SYMBOLS (LARGE SIZE)
- C-C CENTER TO CENTER

- GENERAL NOTES:**
1. ALL PAVEMENT MARKINGS ON HMA PAVEMENT SHALL BE THERMOPLASTIC. ALL PAVEMENT MARKINGS ON PCC PAVEMENT SHALL BE MODIFIED URETHANE.
 2. REMOVE ALL EXISTING PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS AS INDICATED ON THE TRAFFIC CONTROL & STAGING PLANS.
 3. PROPOSED PAVEMENT MARKINGS AND PROPOSED RAISED REFLECTIVE MARKERS ARE TO BE INSTALLED IN ACCORDANCE WITH HIGHWAY STANDARDS 780001 AND 781001 AND IDOT DISTRICT 1 STANDARDS TC-11 AND TC-13.
 4. PAVEMENT MARKINGS SHALL NOT BE LAID DIRECTLY OVER A LONGITUDINAL OR TRANSVERSE CRACK OR JOINT. THE EDGES OF THE LINES SHALL BE OFFSET A MINIMUM OF 2" FROM A LONGITUDINAL CRACK OR JOINT.
 5. ALL PAVEMENT MARKINGS SHALL BE PLACED IN GROOVED RECESSES.
 6. ALL SIGNAGE SHALL BE IN ACCORDANCE WITH THE MANUAL ON TRAFFIC CONTROL DEVICES, LATEST EDITION.
 7. ALL SIGNS SHALL HAVE TYPE AZ SHEETING.
 8. POSTS IN A PAVED SURFACE SHALL BE PLACED IN A 6" DIAMETER HOLE BACKFILLED WITH PEA GRAVEL.

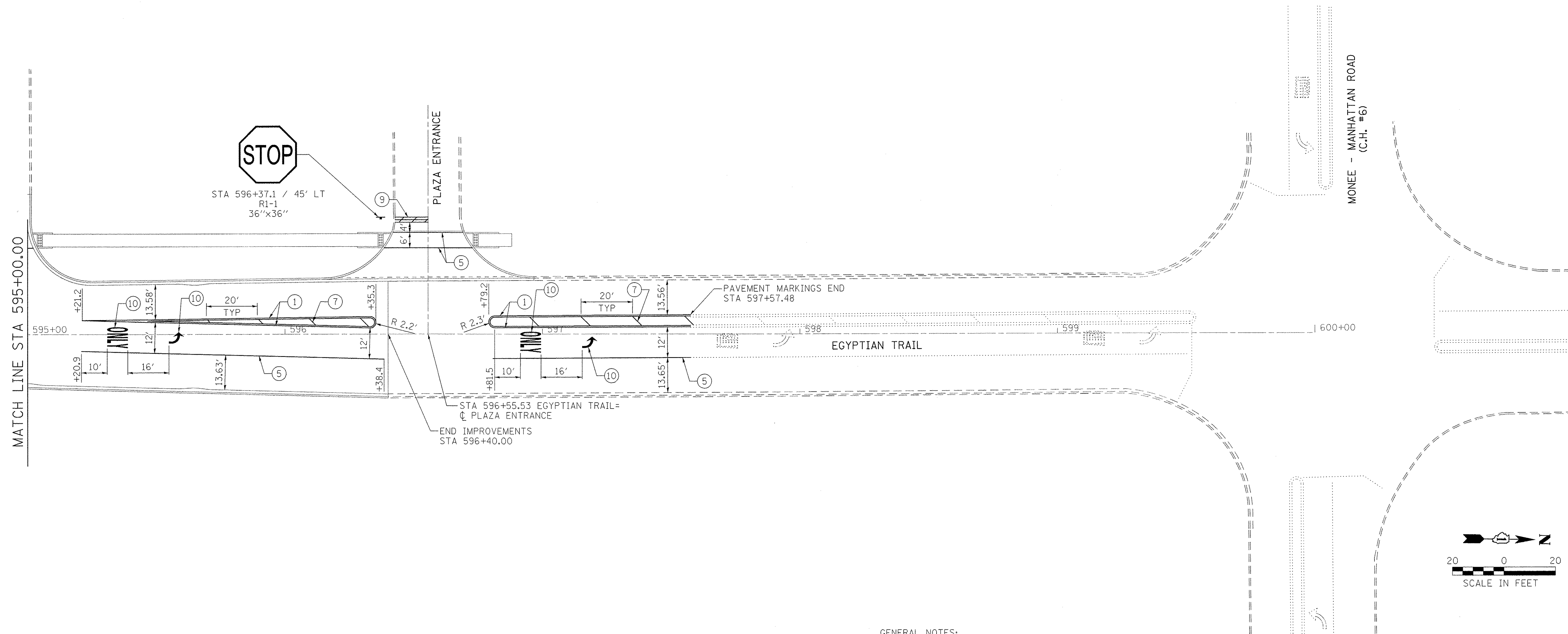
Farnsworth GROUP
 1144 W. JEFFERSON STREET
 SHOREWOOD, ILLINOIS 60404
 (815) 744-6940 / info@f-w.com

USER NAME = dmeyer	DESIGNED - AAS	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - DRR	REVISED -
PLOT DATE = 6/24/2016	CHECKED - PSA	REVISED -
	DATE - 06/17/16	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNAGE PLAN
 SCALE: 1"=20' SHEET 3 OF 4 SHEETS STA. 583+00.00 TO STA. 595+00.00

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 86
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT		M-9003(989)		



LEGEND:

- ① DOUBLE YELLOW PAVEMENT MARKING - LINE 4" SOLID (SEE DISTRICT STANDARD TC-13)
 - ② YELLOW PAVEMENT MARKING - LINE 4" SOLID
 - ③ WHITE PAVEMENT MARKING - LINE 4" SOLID
 - ④ YELLOW PAVEMENT MARKING - LINE 4" (10' LONG, 30' GAP)
 - ⑤ WHITE PAVEMENT MARKING - LINE 6" SOLID
 - ⑥ WHITE PAVEMENT MARKING - LINE 8" SOLID
 - ⑦ YELLOW PAVEMENT MARKING - LINE 12" SOLID (ON 45° ANGLE, 20' C-C)
 - ⑧ WHITE PAVEMENT MARKING - LINE 18" (2' LONG, 2' GAP) (OUTSIDE OF JOINT)
 - ⑨ WHITE STOP BAR PAVEMENT MARKING - LINE 24" SOLID
 - ⑩ WHITE PAVEMENT MARKING - LETTERS AND SYMBOLS (LARGE SIZE)
- C-C CENTER TO CENTER

GENERAL NOTES:

1. ALL PAVEMENT MARKINGS ON HMA PAVEMENT SHALL BE THERMOPLASTIC. ALL PAVEMENT MARKINGS ON PCC PAVEMENT SHALL BE MODIFIED URETHANE.
2. REMOVE ALL EXISTING PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS AS INDICATED ON THE TRAFFIC CONTROL & STAGING PLANS.
3. PROPOSED PAVEMENT MARKINGS AND PROPOSED RAISED REFLECTIVE MARKERS ARE TO BE INSTALLED IN ACCORDANCE WITH HIGHWAY STANDARDS 780001 AND 781001 AND IDOT DISTRICT 1 STANDARDS TC-11 AND TC-13.
4. PAVEMENT MARKINGS SHALL NOT BE LAID DIRECTLY OVER A LONGITUDINAL OR TRANSVERSE CRACK OR JOINT. THE EDGES OF THE LINES SHALL BE OFFSET A MINIMUM OF 2" FROM A LONGITUDINAL CRACK OR JOINT.
5. ALL PAVEMENT MARKINGS SHALL BE PLACED IN GROOVED RECESSES.
6. ALL SIGNAGE SHALL BE IN ACCORDANCE WITH THE MANUAL ON TRAFFIC CONTROL DEVICES, LATEST EDITION.
7. ALL SIGNS SHALL HAVE TYPE AZ SHEETING.
8. POSTS IN A PAVED SURFACE SHALL BE PLACED IN A 6" DIAMETER HOLE BACKFILLED WITH PEA GRAVEL.

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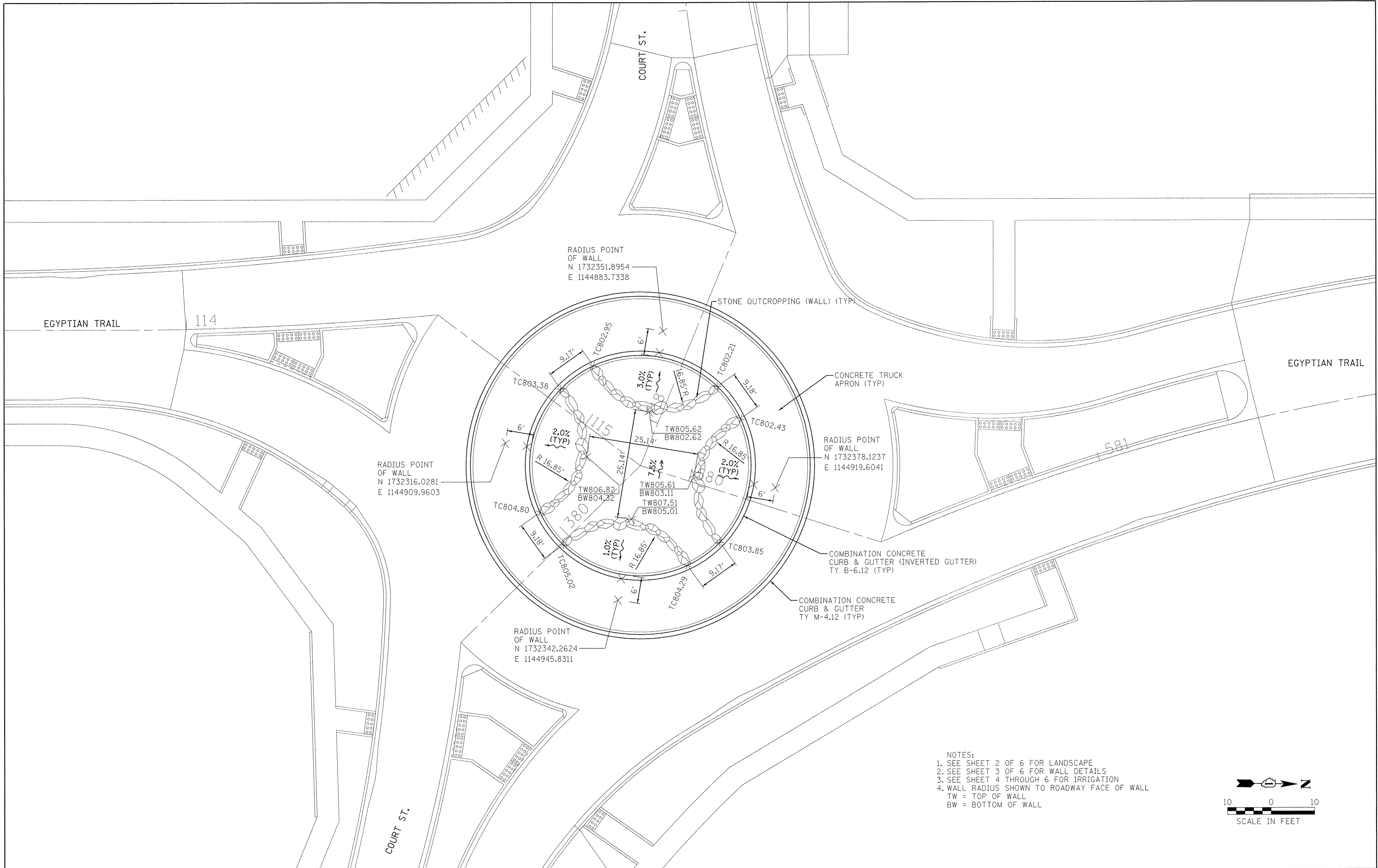
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PLOT DATE = 6/24/2016	DATE - 06/24/16	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

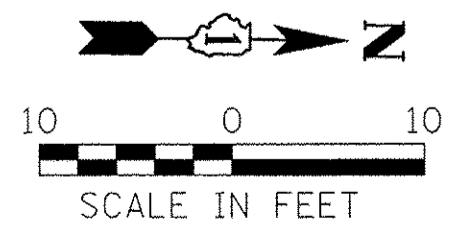
PAVEMENT MARKING AND SIGNAGE PLAN

SCALE: 1"=20' SHEET 4 OF 4 SHEETS STA. 595+00.00 TO STA. 596+40.00

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 87
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		M-9003(989)



- NOTES:
 1. SEE SHEET 2 OF 6 FOR LANDSCAPE
 2. SEE SHEET 3 OF 6 FOR WALL DETAILS
 3. SEE SHEET 4 THROUGH 6 FOR IRRIGATION
 4. WALL RADIUS SHOWN TO ROADWAY FACE OF WALL
 TW = TOP OF WALL
 BW = BOTTOM OF WALL



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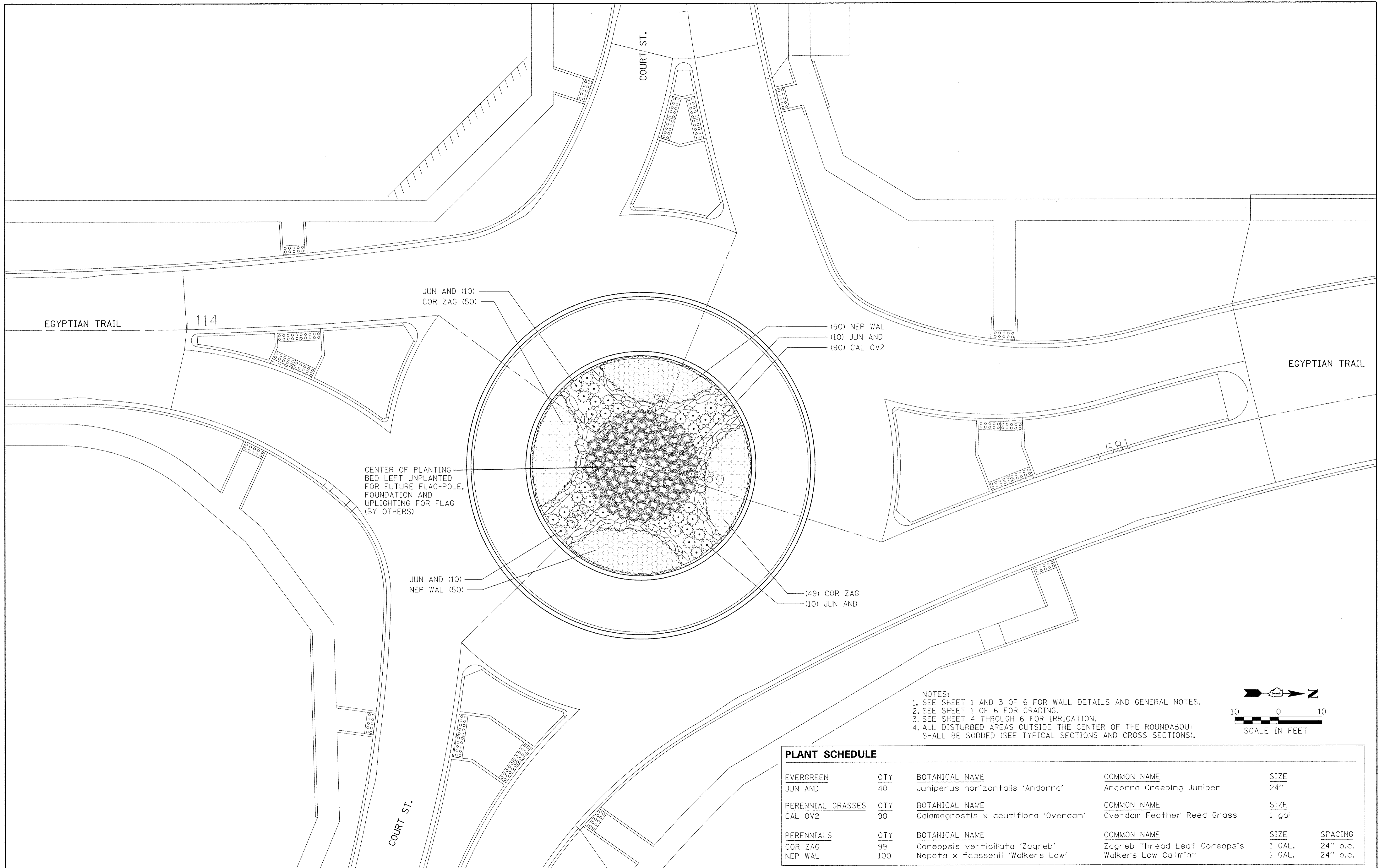
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PLOT DATE = 6/24/2016	CHECKED - PSA	REVISED -
	DATE - 06/17/16	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LANDSCAPING AND IRRIGATION PLAN AND DETAILS

SCALE: 1"=10' SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 88
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		M-90031989



NOTES:
 1. SEE SHEET 1 AND 3 OF 6 FOR WALL DETAILS AND GENERAL NOTES.
 2. SEE SHEET 1 OF 6 FOR GRADING.
 3. SEE SHEET 4 THROUGH 6 FOR IRRIGATION.
 4. ALL DISTURBED AREAS OUTSIDE THE CENTER OF THE ROUNDABOUT SHALL BE SODDED (SEE TYPICAL SECTIONS AND CROSS SECTIONS).

PLANT SCHEDULE					
EVERGREEN	QTY	BOTANICAL NAME	COMMON NAME	SIZE	
JUN AND	40	Juniperus horizontalis 'Andorra'	Andorra Creeping Juniper	24"	
PERENNIAL GRASSES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	
CAL OV2	90	Calamagrostis x acutiflora 'Overdam'	Overdam Feather Reed Grass	1 gal	
PERENNIALS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
COR ZAG	99	Coreopsis verticillata 'Zagreb'	Zagreb Thread Leaf Coreopsis	1 GAL.	24" o.c.
NEP WAL	100	Nepeta x faassenii 'Walkers Low'	Walkers Low Catmint	1 GAL.	24" o.c.

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LANDSCAPING AND IRRIGATION PLAN AND DETAILS

SCALE: 1"=10' SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 89
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		M-9003989

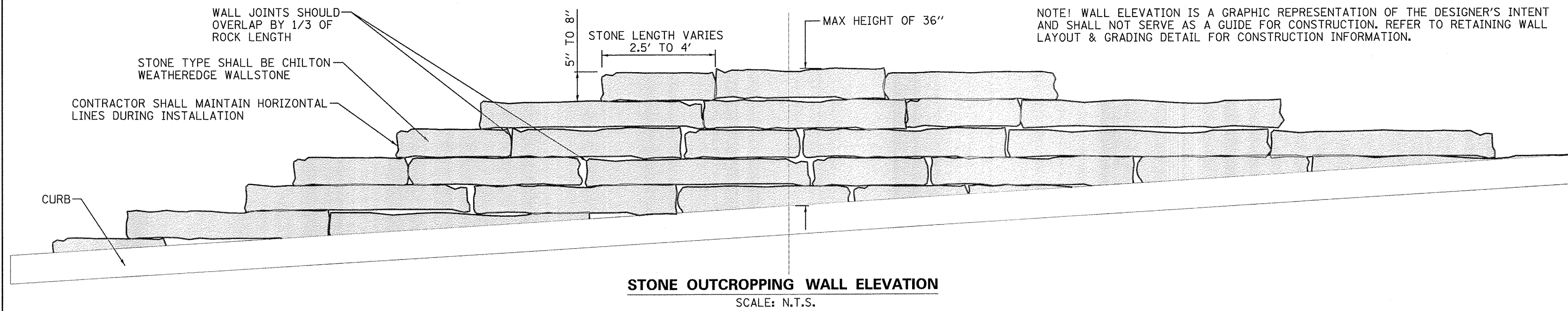
- GENERAL:**
- (SITE CONDITIONS) - THE CONTRACTOR SHALL FIELD CHECK AND VERIFY ALL EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES BETWEEN CONSTRUCTION DOCUMENTS AND ACTUAL FIELD CONDITIONS TO THE OWNER'S REPRESENTATIVE AND LANDSCAPE ARCHITECT BEFORE PROCEEDING WITH WORK.
 - (DETAILS) - ALL DETAILS AND SECTIONS SHOWN ON THE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL BE CONSIDERED TO APPLY TO SIMILAR CONDITIONS ELSEWHERE.
 - (MAINTENANCE/WARRANTY/REPLACEMENTS) - SEE SPECIAL PROVISIONS.
 - (DISCREPANCIES) - IF THERE ARE DISCREPANCIES BETWEEN PLANT QUANTITIES ON THE PLANS AND THE PLANT SCHEDULE USE THE QUANTITIES FROM THE PLAN. ALL QUANTITIES ARE FOR THE CONVENIENCE OF THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE TO BUILD WHAT IS SHOWN ON THE PLANS IF THERE ARE ANY DISCREPANCIES IN THE LABELING.
 - (LAYOUT) - SCALE FROM THE DRAWING AND STAKE THE LOCATIONS OF RETAINING WALLS AND RECEIVE LANDSCAPE ARCHITECT AND OWNER'S REPRESENTATIVE APPROVAL PRIOR TO INSTALLATION.

PLANT MATERIAL:

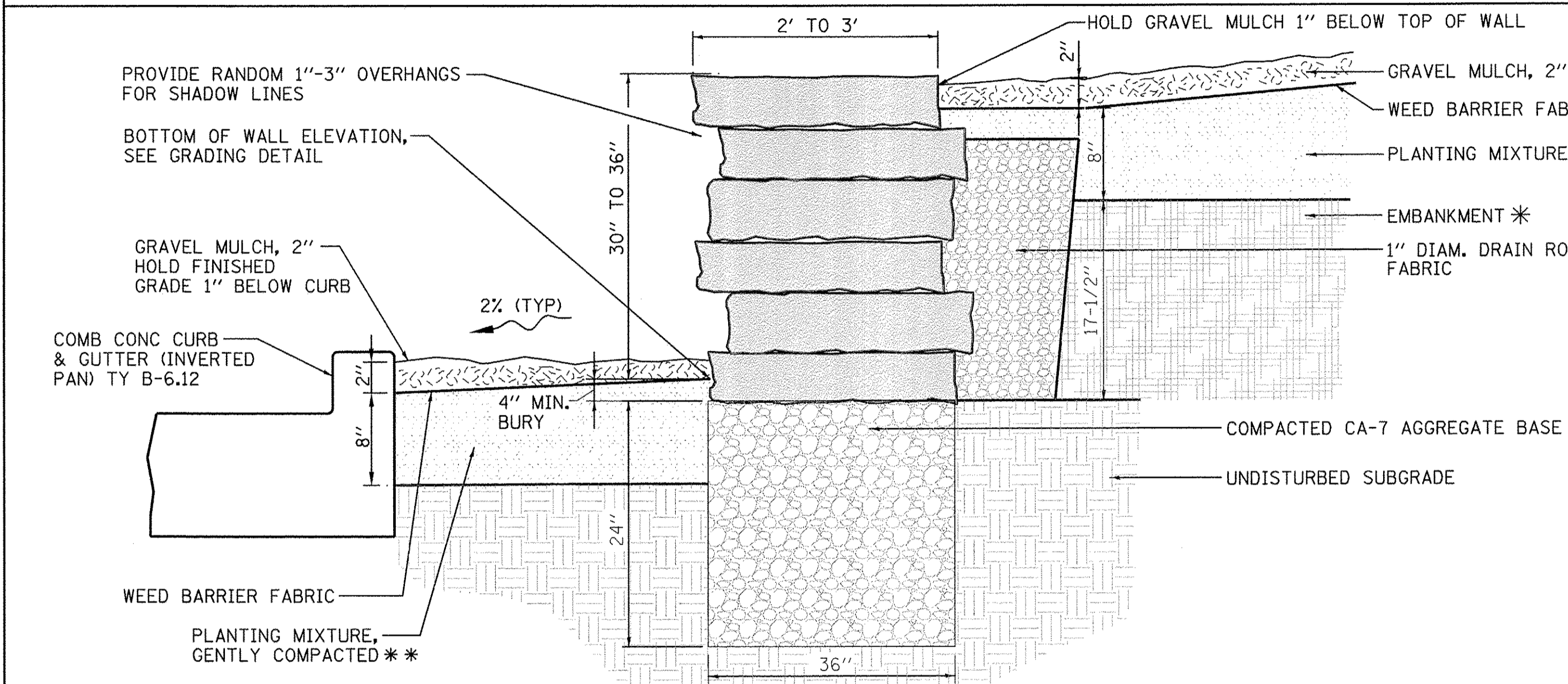
- (SUBSTITUTIONS) - PLANT SUBSTITUTIONS WILL NOT BE ACCEPTABLE UNLESS APPROVED BY THE LANDSCAPE ARCHITECT.
- (LAYOUT/SPACING) - PLANT SPACING WILL BE SCALED ON PLAN UNLESS NOTED OTHERWISE IN THE PLANT MATERIALS SCHEDULE.
- (BED FINISHING) - SPREAD PRE-EMERGENCE HERBICIDE, WEED BARRIER FABRIC AND TWO INCHES OF DECORATIVE GRAVEL MULCH IN ALL PLANTING BEDS.
- (PLANTING MIX) - FORM PLANTING MIX IN PLANTING BEDS BY SPREADING 6" OF TOPSOIL AND 2" OF COMPOST AND ROTOTILLING THOROUGHLY.
- (PLANT QUALITY) - ALL PLANTS SHALL BE NORMAL HEALTH, HEIGHT, LEAF DENSITY, AND SPREAD AS DEFINED BY THE AMERICAN STANDARD FOR NURSERY STOCK, ANSI Z60.1 LATEST AVAILABLE EDITION, OR THE AMERICAN ASSOCIATION OF NURSERYMEN. LANDSCAPE ARCHITECT TO REVIEW PRIOR TO INSTALLATION.
- (PLANT SIZES) - THE SIZES INDICATED IN THE PLANT SCHEDULE ARE THE MINIMUM REQUIRED AT THE TIME OF PLANTING.

SITE:

- (SITE CONDITIONS) - THE CONTRACTOR SHALL FAMILIARIZE HIM OR HERSELF WITH THE SCOPE OF WORK, SOIL, LOCATION OF UTILITIES, AND WATER CONDITIONS BEFORE PROCEEDING WITH THE WORK.
- (GRADING) - FINISH GRADES IN PLANTING BEDS ARE TO BE SMOOTH AND PROVIDE POSITIVE DRAINAGE PRIOR TO PLANT, FABRIC, AND MULCH INSTALLATION. REFER TO GRADING DETAIL.
- (CONSTRUCTION DAMAGE) - CONTRACTOR IS TO PREVENT DAMAGE TO CURBS AND PAVEMENTS ADJACENT TO CONSTRUCTION.
- (SITE PREPARATION) - REMOVE ANY EXISTING LAWN AND OTHER MATERIAL HARMFUL TO PLANT GROWTH PRIOR TO FORMING PLANTING BEDS.



STONE OUTCROPPING WALL ELEVATION
SCALE: N.T.S.

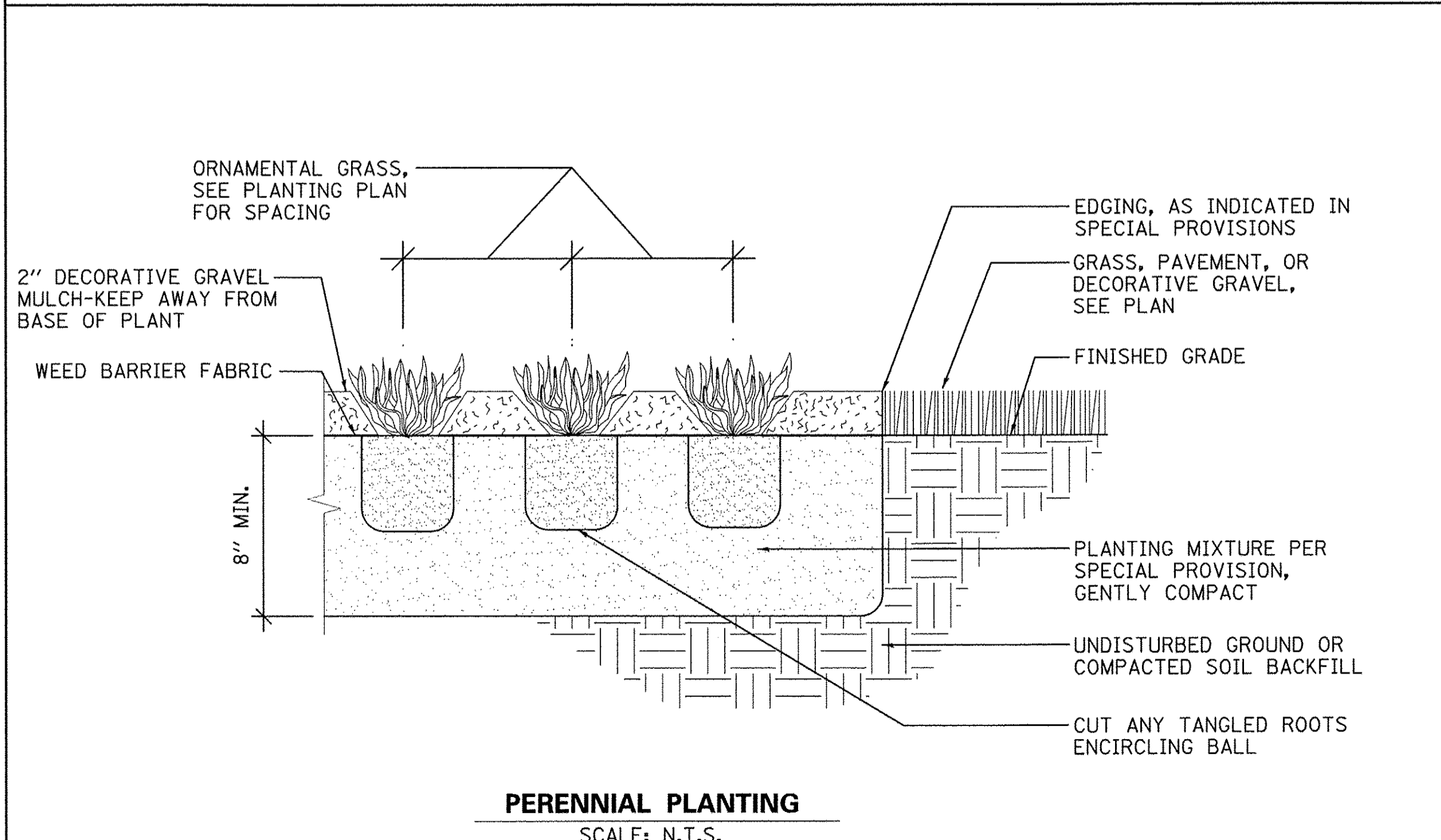


STONE OUTCROPPING WALL SECTION
SCALE: N.T.S.

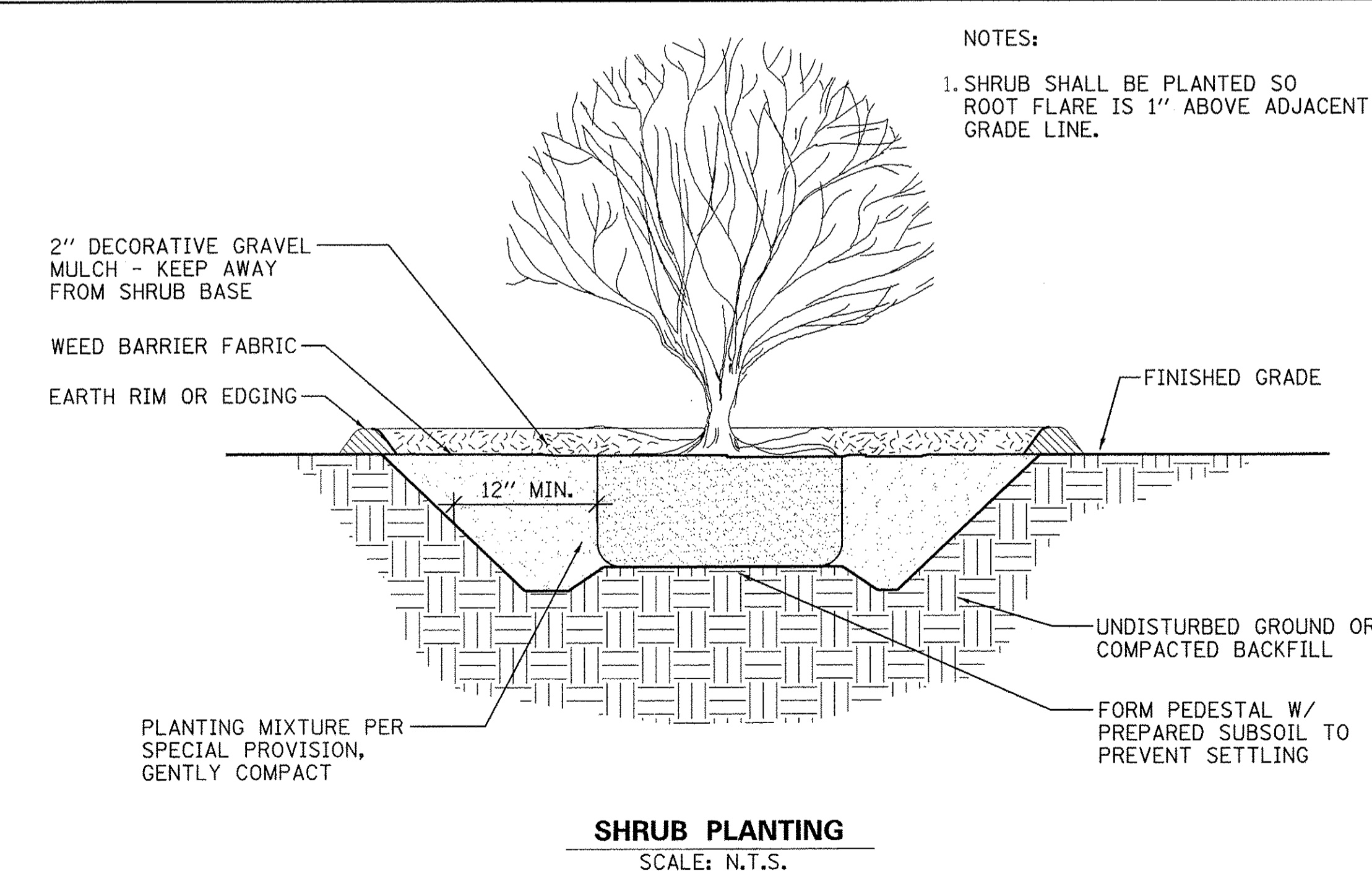
NOTE! WALL ELEVATION IS A GRAPHIC REPRESENTATION OF THE DESIGNER'S INTENT AND SHALL NOT SERVE AS A GUIDE FOR CONSTRUCTION. REFER TO RETAINING WALL LAYOUT & GRADING DETAIL FOR CONSTRUCTION INFORMATION.

* EMBANKMENT PLACED IN THIS AREA
** SEE SPECIAL PROVISIONS FOR PLANTING MIXTURE

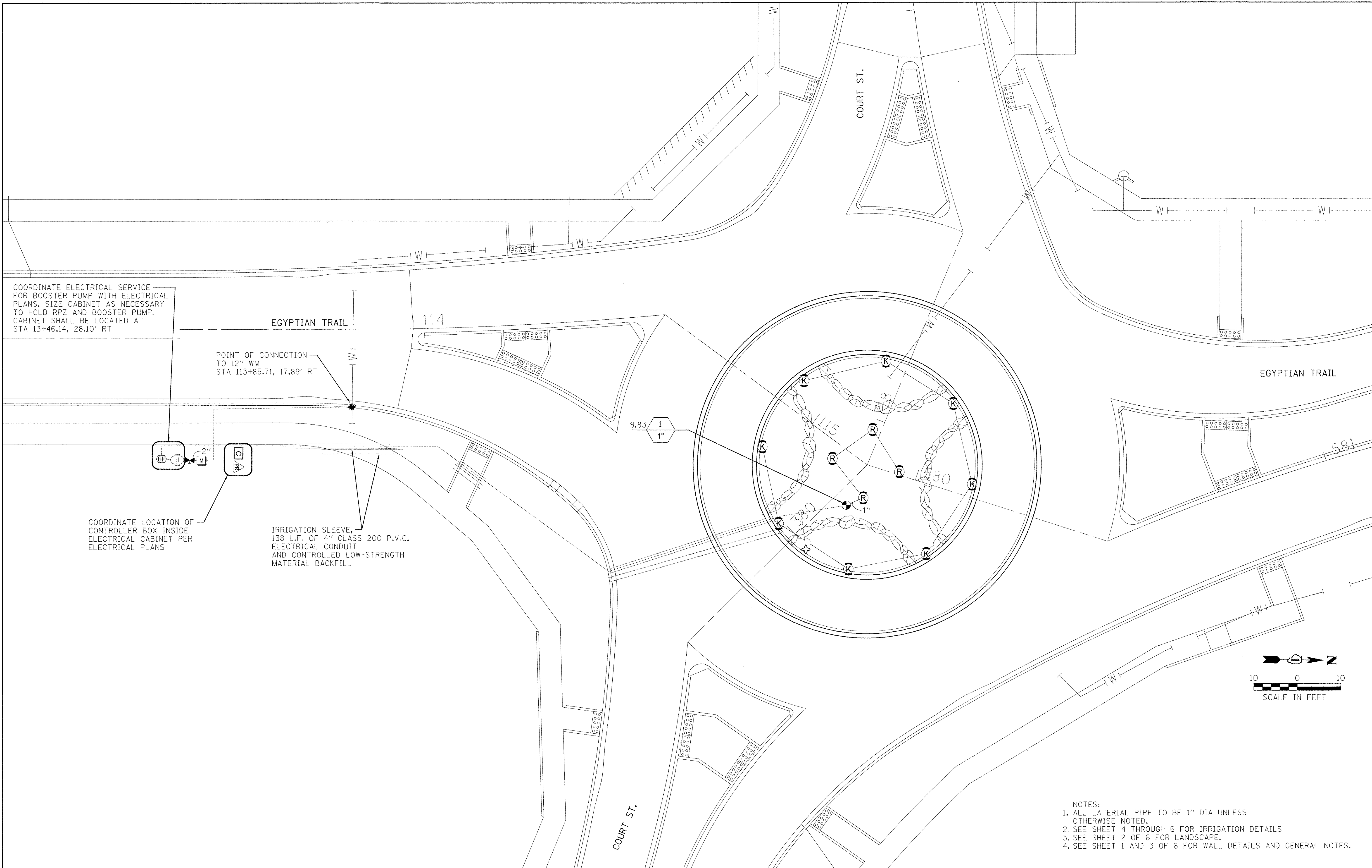
- NOTES:**
- STONE OUTCROPPING WALL TYPE: CHILTON WEATHEREDGE
 - OUTCROPPING. CONTRACTOR SHALL SUBMIT STONE SAMPLE 28 DAYS PRIOR TO INSTALLATION FOR LANDSCAPE ARCHITECT AND ENGINEER APPROVAL.
 - STONE OUTCROPPING WALL 5" TO 8" THICKNESS X RANDOM 2.5' TO 4' LENGTHS X 2' TO 3' DEPTHS.
 - CONTRACTOR SHALL MAINTAIN HORIZONTAL LINES DURING INSTALLATION.
 - CONTRACTOR SHALL MOCK UP 4'Lx30" WALL 28 DAYS PRIOR TO INSTALLATION FOR LANDSCAPE ARCHITECT AND VILLAGE APPROVAL PRIOR TO PROJECT INSTALLATION.

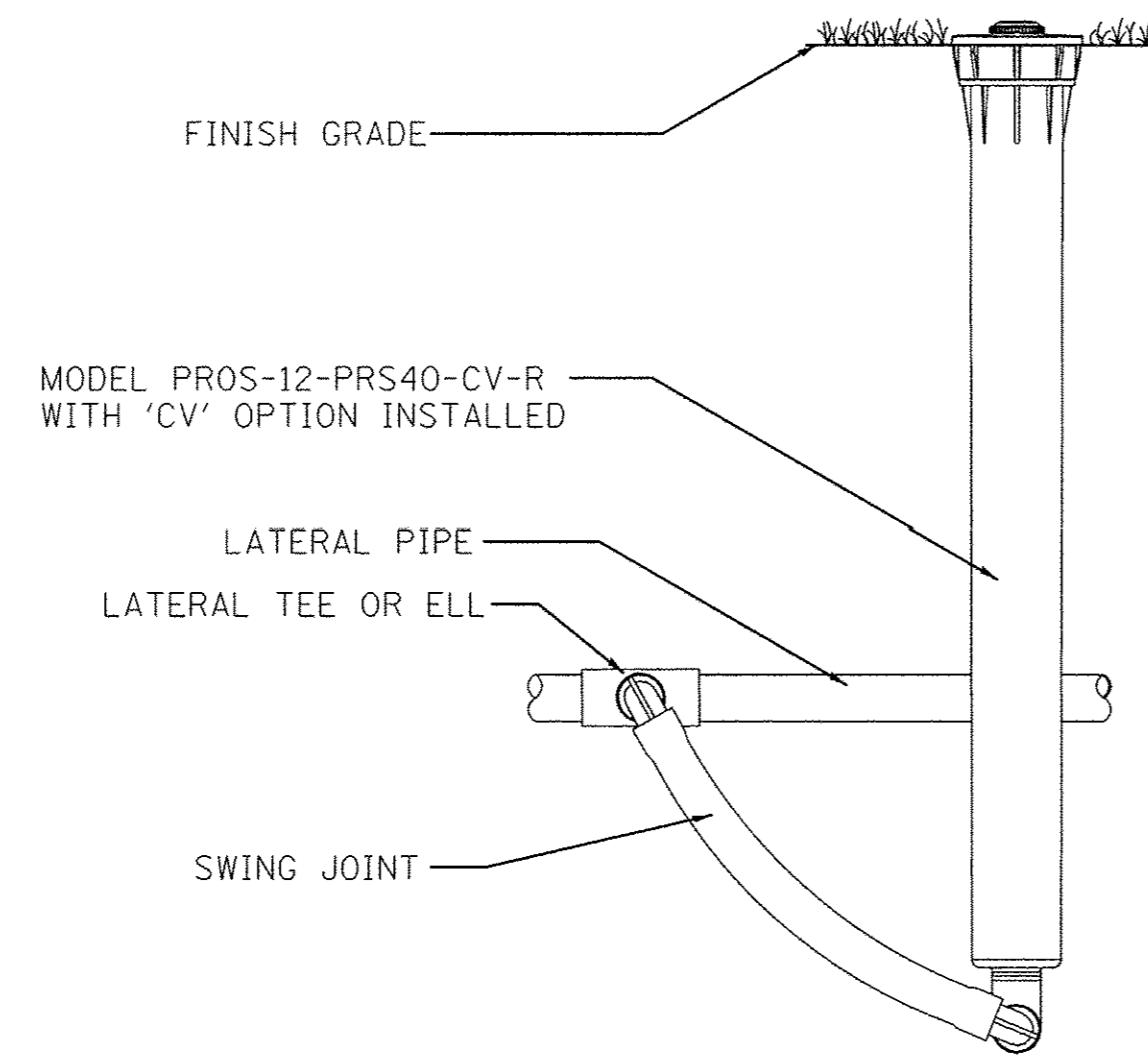


PERENNIAL PLANTING
SCALE: N.T.S.

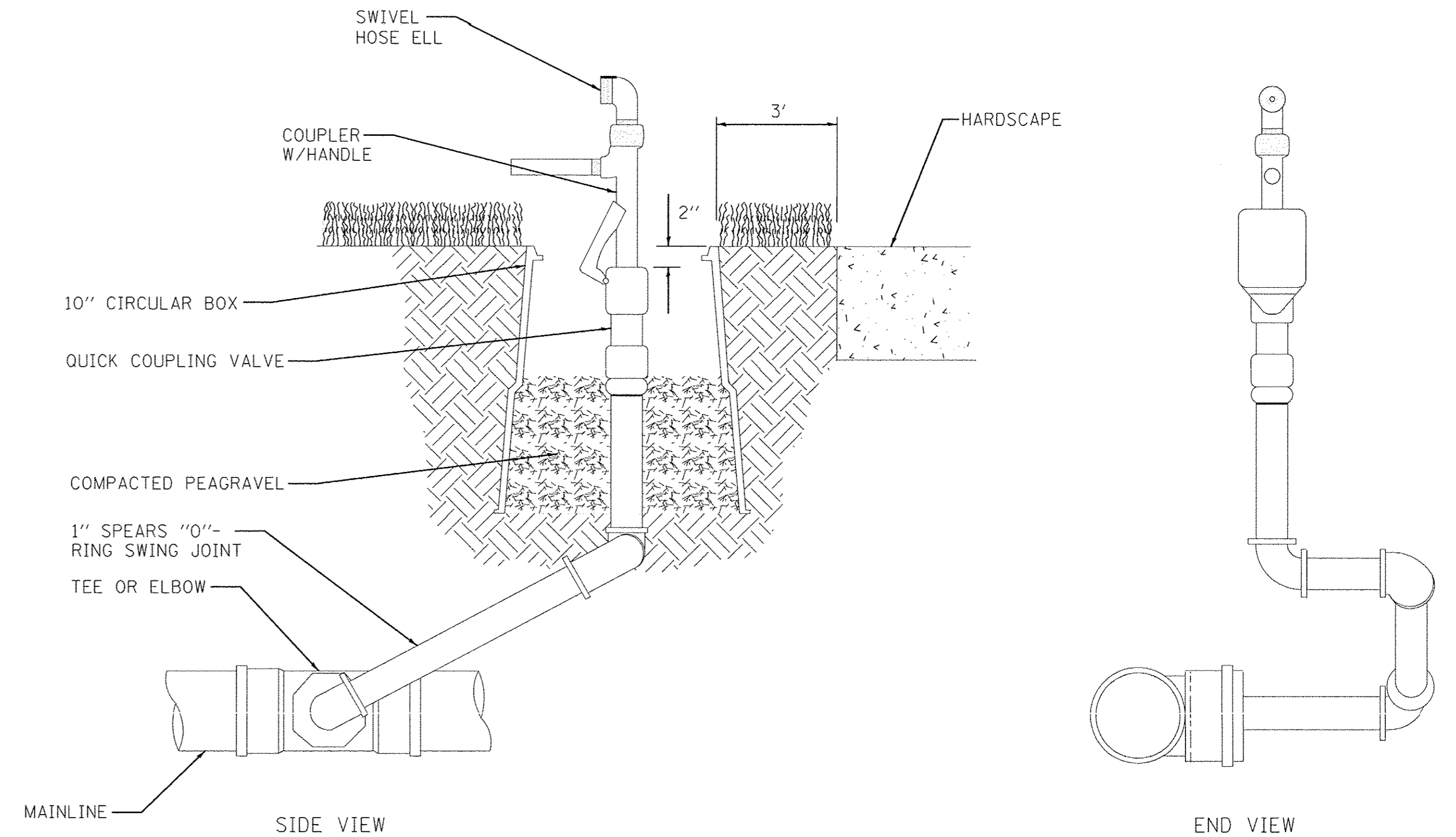


SHRUB PLANTING
SCALE: N.T.S.

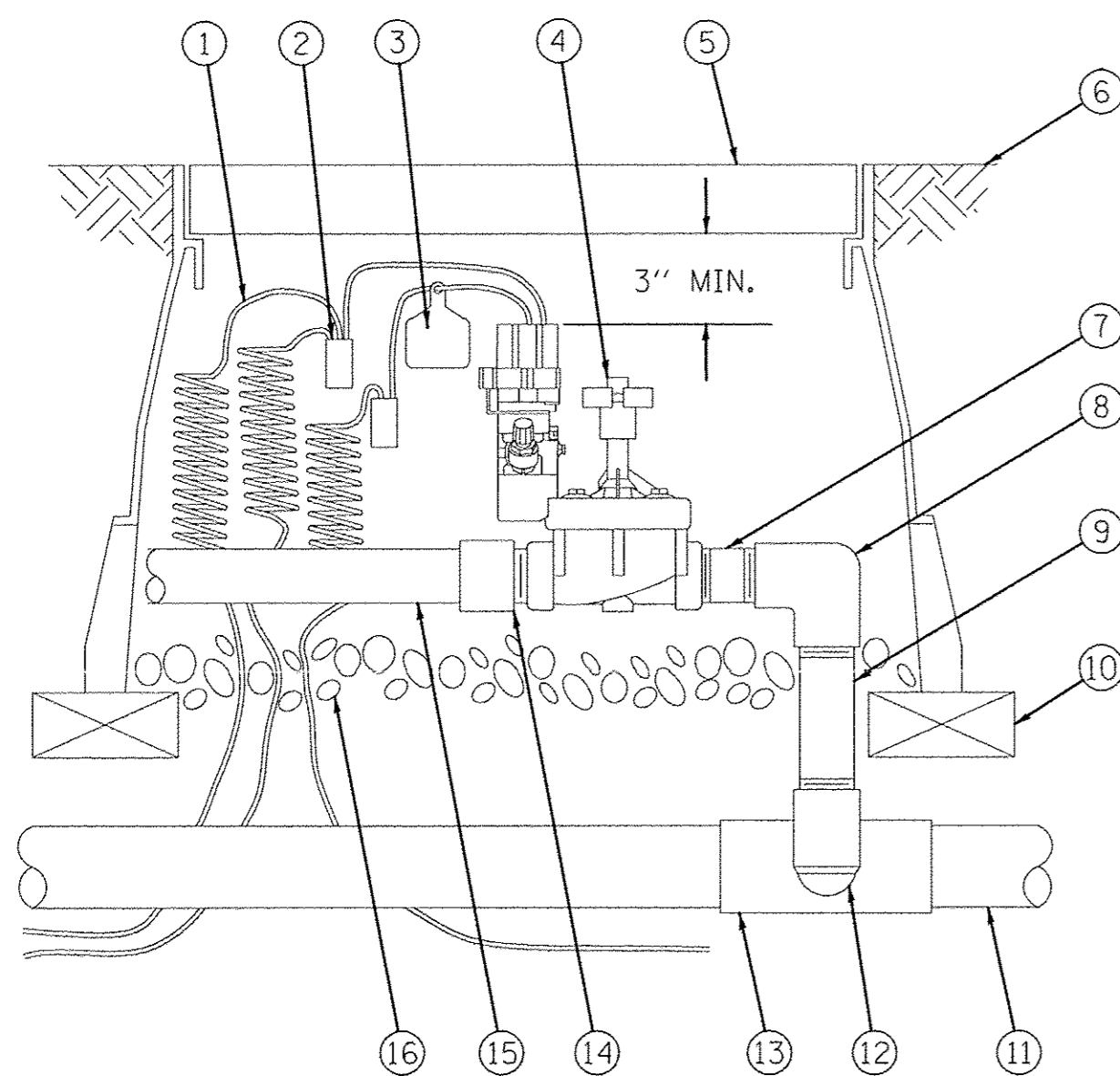




MP ROTATOR SPRINKLER
SCALE: N.T.S.

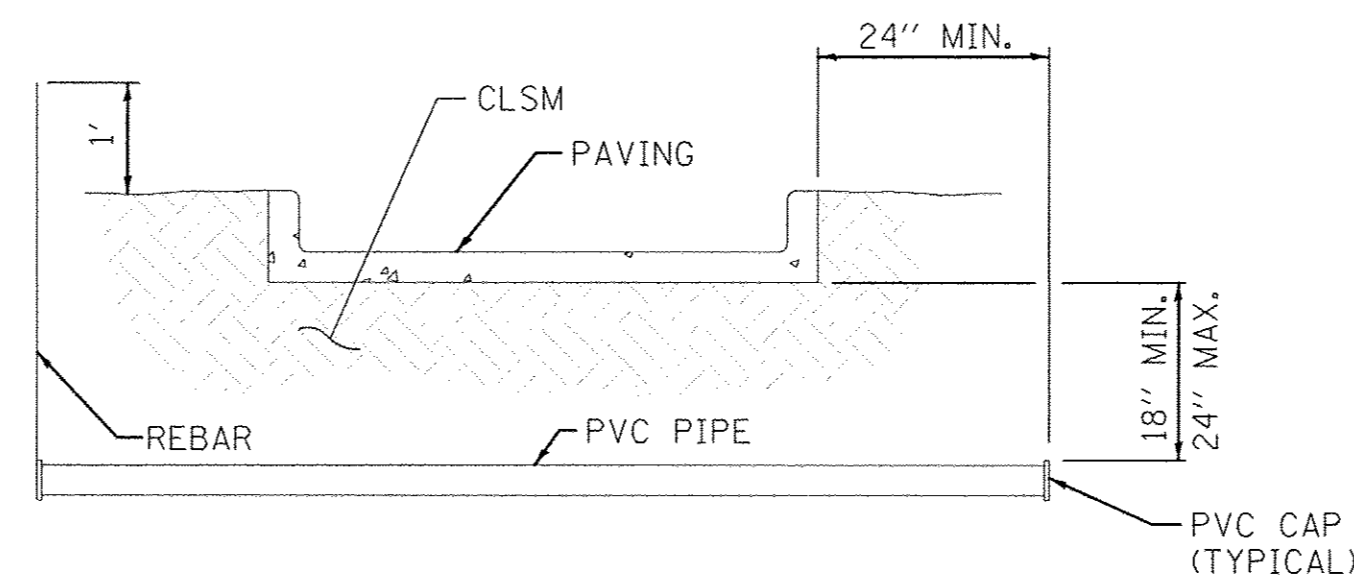


QUICK COUPLER DETAIL
SCALE: N.T.S.



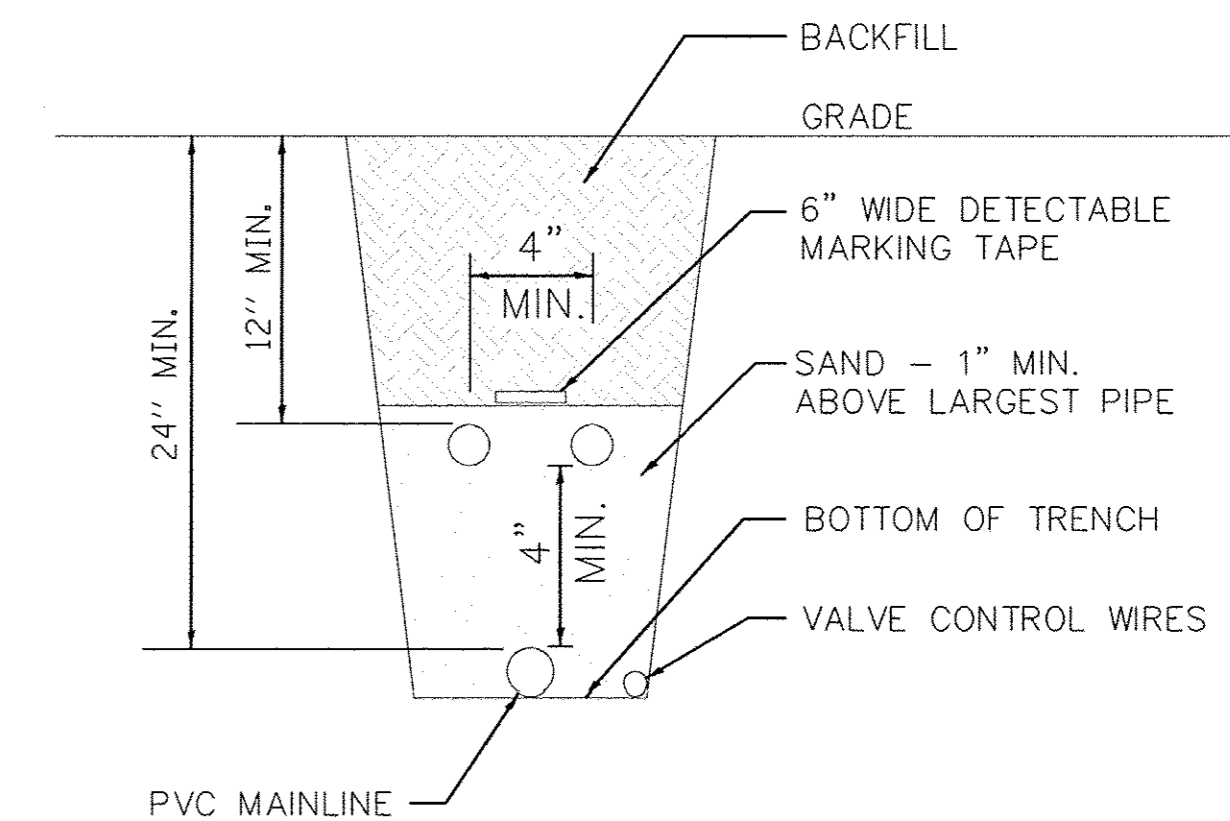
- ① 30-INCH LINEAR LENGTH OF WIRE, COILED
- ② WATERPROOF CONNECTION
- ③ ID TAG
- ④ REMOTE CONTROL VALVE: RAIN BIRD PEB WITH PRS-D REGULATOR
- ⑤ VALVE BOX WITH COVER
- ⑥ FINISH GRADE/TOP OF GRAVEL MULCH
- ⑦ PVC SCH 80 NIPPLE (CLOSE)
- ⑧ PVC SCH 40 ELL
- ⑨ PVC SCH 80 NIPPLE (LENGTH AS REQUIRED)
- ⑩ BRICK (1 OF 4)
- ⑪ PVC MAINLINE PIPE
- ⑫ SCH 80 NIPPLE (2-INCH LENGTH, HIDDEN) AND SCH 40 ELL
- ⑬ PVC SCH 40 TEE OR ELL
- ⑭ PVC SCH 40 MALE ADAPTER
- ⑮ PVC LATERAL PIPE
- ⑯ 3.0-INCH MINIMUM DEPTH OF 3/4-INCH WASHED GRAVEL

ELECTRIC REMOTE CONTROL VALVE
SCALE: N.T.S.



- NOTES:
1. ALL PVC IRRIGATION SLEEVES TO BE CLASS 200 PIPE.
 2. ALL JOINTS TO BE SOLVENT WELDED AND WATERTIGHT.
 3. BACKFILL WITH CLSM WHERE SPECIFIED IN ART. 208.01 OF THE STANDARD SPECIFICATIONS.
 4. SEE PLAN FOR SLEEVE SIZE.

IRRIGATION SLEEVE
SCALE: N.T.S.

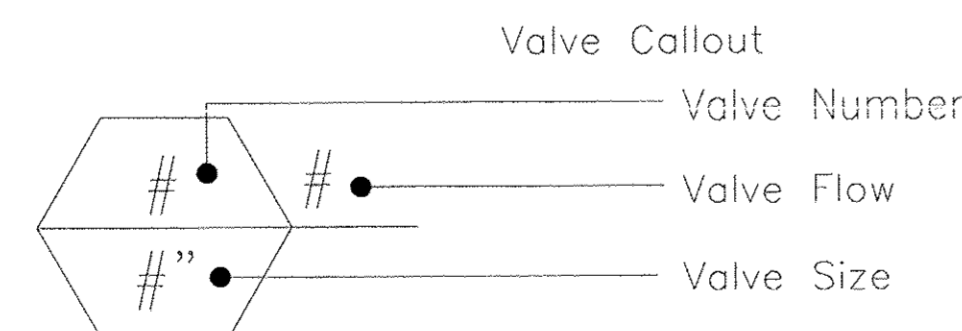


- NOTE:
- ALL MAIN SUPPLY LINES TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS. ALL 120 VOLT WIRING TO BE INSTALLED PER STATE AND LOCAL CODES.

TYPICAL MAINLINE /LATERAL TRENCH
SCALE: N.T.S.

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI
	Hunter MP2000 PRS-12-PRS40-CV Shrub Rotator, 12" (30.48 cm) pop-up with check valve, pressure regulated to 40 psi (2.76 bar), MP Rotator nozzle. K=Black adj arc 90-210, G=Green adj arc 210-270, R=Red 360 arc on PRS40 body.	12	35
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	
	Rain Bird PEB-PRS-D 1" Plastic Industrial Valves. Low Flow Operating Capability, Globe Configuration. With Pressure Regulator Module.	1	
	Rain Bird 33-DLRC 3/4" Brass Quick-Coupling Valve, with Corrosion-Resistant Stainless Steel Spring, Thermoplastic Rubber Cover, and 1-Piece Body.	1	
	1-1/2" Lead Free Reduced Pressure Backflow Preventer.	1	
	Rain Bird ESP4ME 4 Station, Hybrid Modular Outdoor Controller. For Residential or Light Commercial Applications.	1	
	Brass Shut Off Ball Valve, 2". Two Piece Body, Blow-Out Proof Stem, Chrome Plated Solid Brass Ball, Threaded, with PTFE Seats. Same size as mainline pipe.	1	
	Rain Bird PSR Pump Start Relay for optimum pump performance and protection. Compatible with all Rain Bird Irrigation controllers. 110 or 220 volt.	1	
	Booster Pump - 230V Single Phase. See special provision for sizing pump.	1	
	Water Meter 1"	1	
	Irrigation Lateral Line: PVC Class 200. Only lateral transition pipe sizes 1 1/4" and above are indicated on the plan, with all others being 1" in size.	196'	
	Irrigation Mainline: PVC Schedule 40	236'	
	Pipe Sleeve: PVC Class 200 Typical pipe sleeve for Irrigation pipe or Irrigation wiring. Pipe sleeve size shall be 4"	138'	



VALVE SCHEDULE

NUMBER	MODEL	SIZE	TYPE	WIRE	PSI	PSI @ POC	GPM	HEAD ELEV	VALVE ELEV	PRECIP
1	Rain Bird PEB-PRS-D	1"	Shrub Rotary	201'	37.42	50.23	9.83	0 ft	0 ft	0.47 in/h
	Common Wire			239'						

CRITICAL ANALYSIS

P.O.C. NUMBER:01

Water Source Information:

FLOW AVAILABLE

Water Meter Size: 1"
Flow Available: 37.5 gpm

PRESSURE AVAILABLE

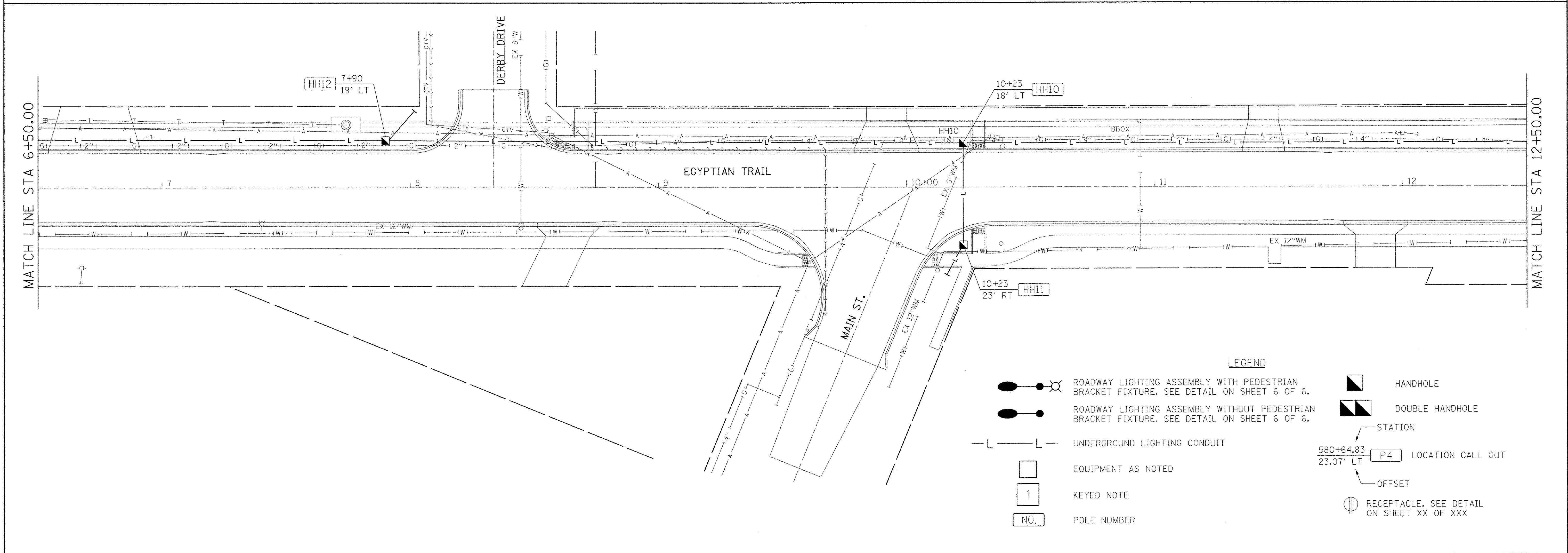
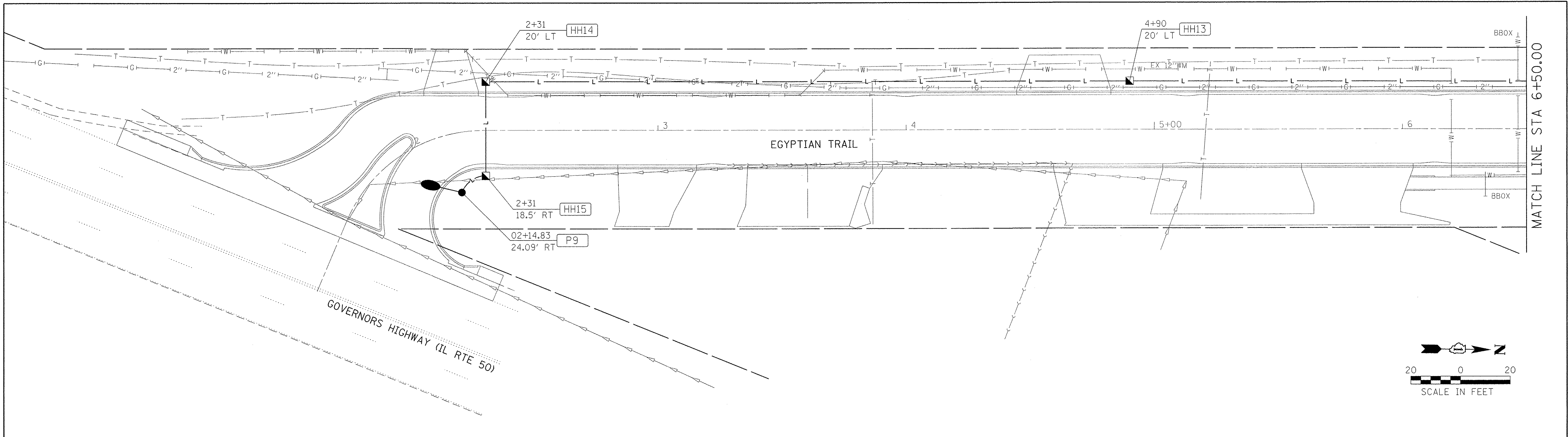
Static Pressure at POC: 50 psi
Elevation Change: 5 ft
Service Line Size: 1 1/4"
Length of Service Line: 5 ft
Booster Pump pressure provided: 15 psi
Pressure Available: 63 psi

DESIGN ANALYSIS

Maximum Station Flow: 9.83 gpm
Flow Available at POC: 37.5 gpm
Residual Flow Available: 27.67 gpm

Critical Station: 1

Design Pressure: 35 psi
Elevation Loss: 0 psi
Friction Loss: 0.57 psi
Fittings Loss: 0.06 psi
Loss through Valve: 1.8 psi
Pressure Req. at Critical Station: 37.42 psi
Loss for Fittings: 0.02 psi
Loss for Main Line: 0.16 psi
Loss for POC to Valve Elevation: 0 psi
Loss for Backflow: 11.95 psi
Loss for Water Meter: 0.68 psi
Critical Station Pressure at POC: 50.23 psi
Pressure Available: 63 psi
Residual Pressure Available: 12.77 psi



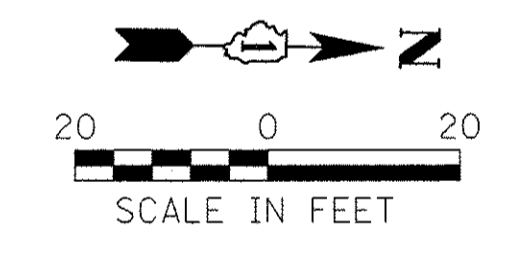
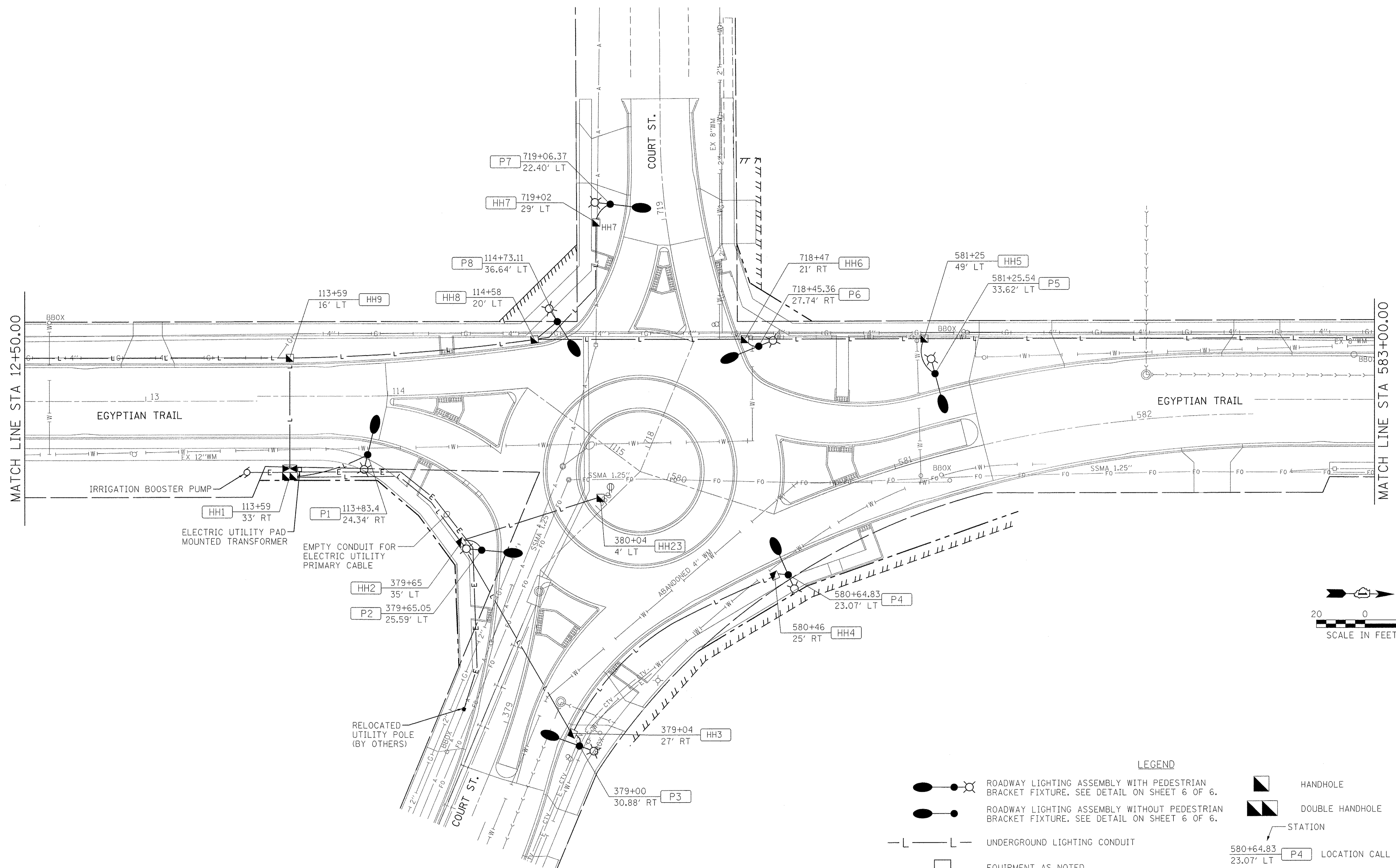
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 DEPARTMENT OF TRANSPORTATION**

ROADWAY LIGHTING PLAN AND DETAILS
 SCALE: 1"=20' SHEET 1 OF 6 SHEETS STA. 01+52.30 TO STA. 12+50.00

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 94
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO. [ILLINOIS]		FED. AID PROJECT M-9003(989)		



- LEGEND**
- ROADWAY LIGHTING ASSEMBLY WITH PEDESTRIAN BRACKET FIXTURE. SEE DETAIL ON SHEET 6 OF 6.
 - ROADWAY LIGHTING ASSEMBLY WITHOUT PEDESTRIAN BRACKET FIXTURE. SEE DETAIL ON SHEET 6 OF 6.
 - UNDERGROUND LIGHTING CONDUIT
 - EQUIPMENT AS NOTED
 - KEYED NOTE
 - POLE NUMBER
 - HANDHOLE
 - DOUBLE HANDHOLE
 - STATION
 - LOCATION CALL OUT
 - OFFSET
 - RECEPTACLE. SEE DETAIL ON SHEET XX OF XXX

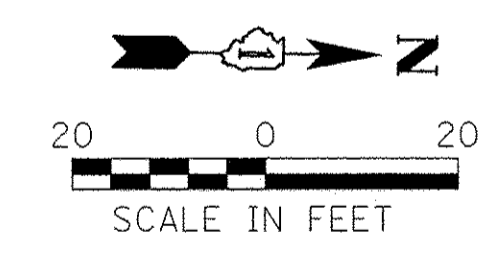
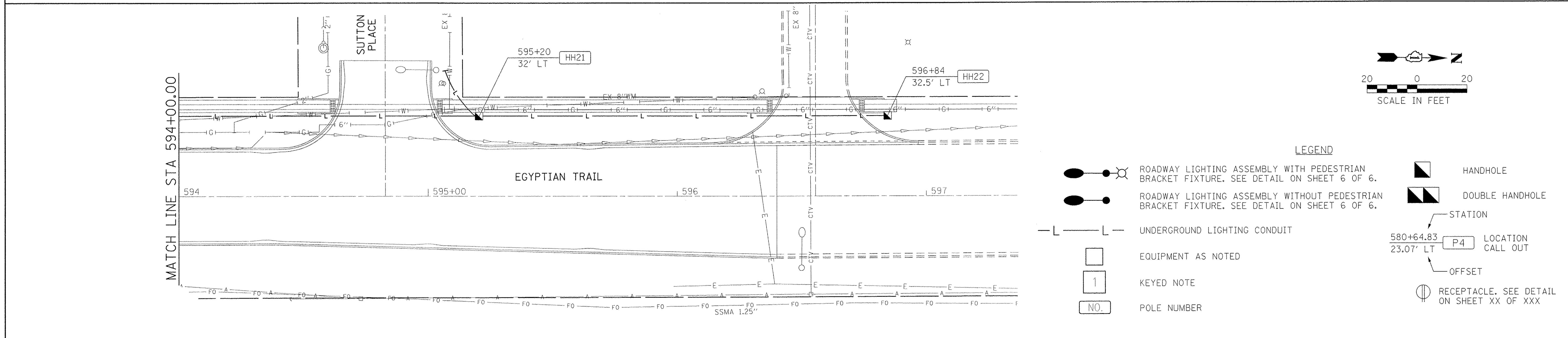
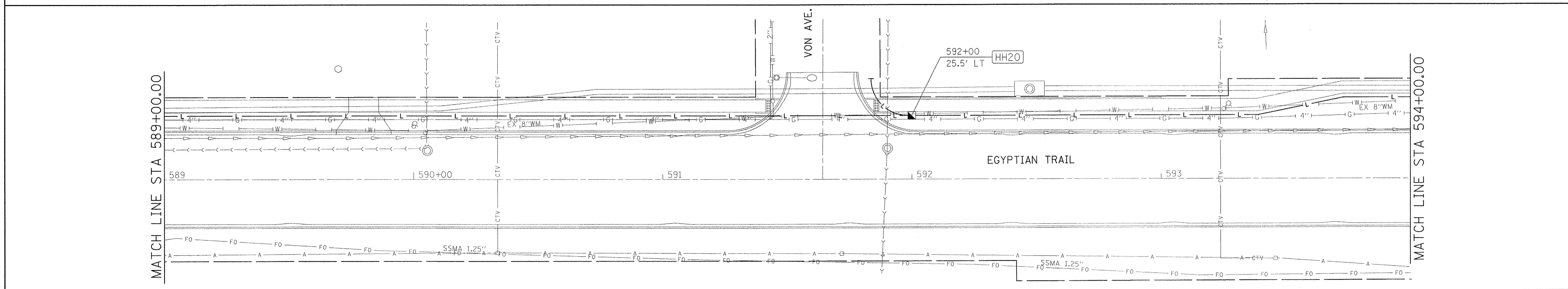
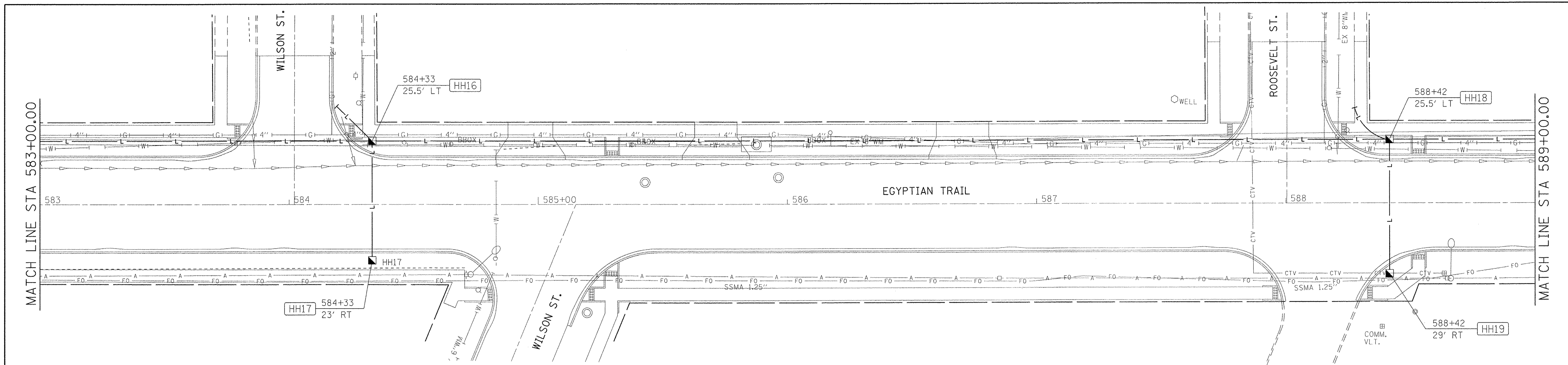
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ROADWAY LIGHTING PLAN AND DETAILS		
SCALE: 1"=20'	SHEET 2 OF 6 SHEETS	STA. 12+50.00 TO STA. 583+00.00

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 95
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT M-9003(989)		



- LEGEND**
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 - ROADWAY LIGHTING ASSEMBLY WITHOUT PEDESTRIAN BRACKET FIXTURE. SEE DETAIL ON SHEET 6 OF 6.
 - UNDERGROUND LIGHTING CONDUIT
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

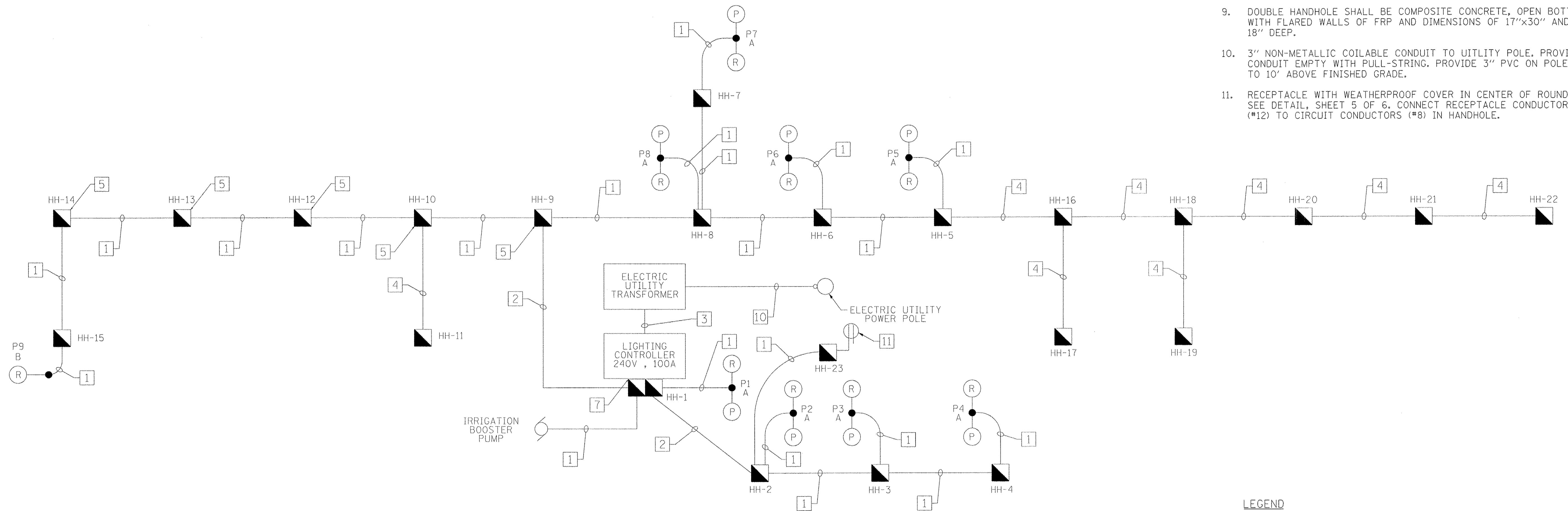
ROADWAY LIGHTING PLAN AND DETAILS

SCALE: N.T.S. SHEET 3 OF 6 SHEETS STA. 583+00.00 TO STA. 596+40.00

F.A.U. RTE. 2966	SECTION 12-00024-00-FP	COUNTY WILL	TOTAL SHEETS 129	SHEET NO. 96
JOB NO. C-91-342-12		CONTRACT NO. 61C87		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		M-9003(989)

KEYED NOTES:

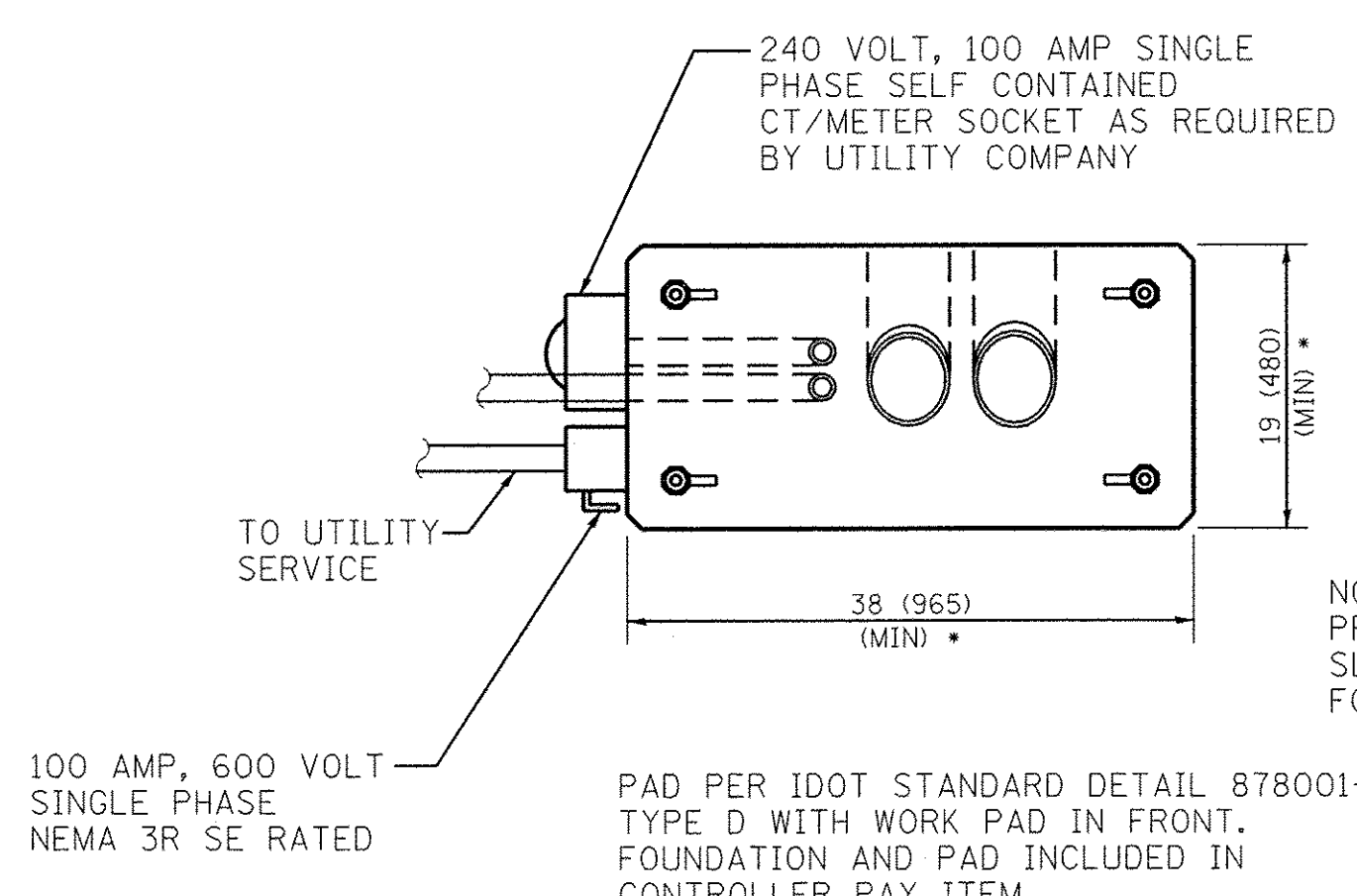
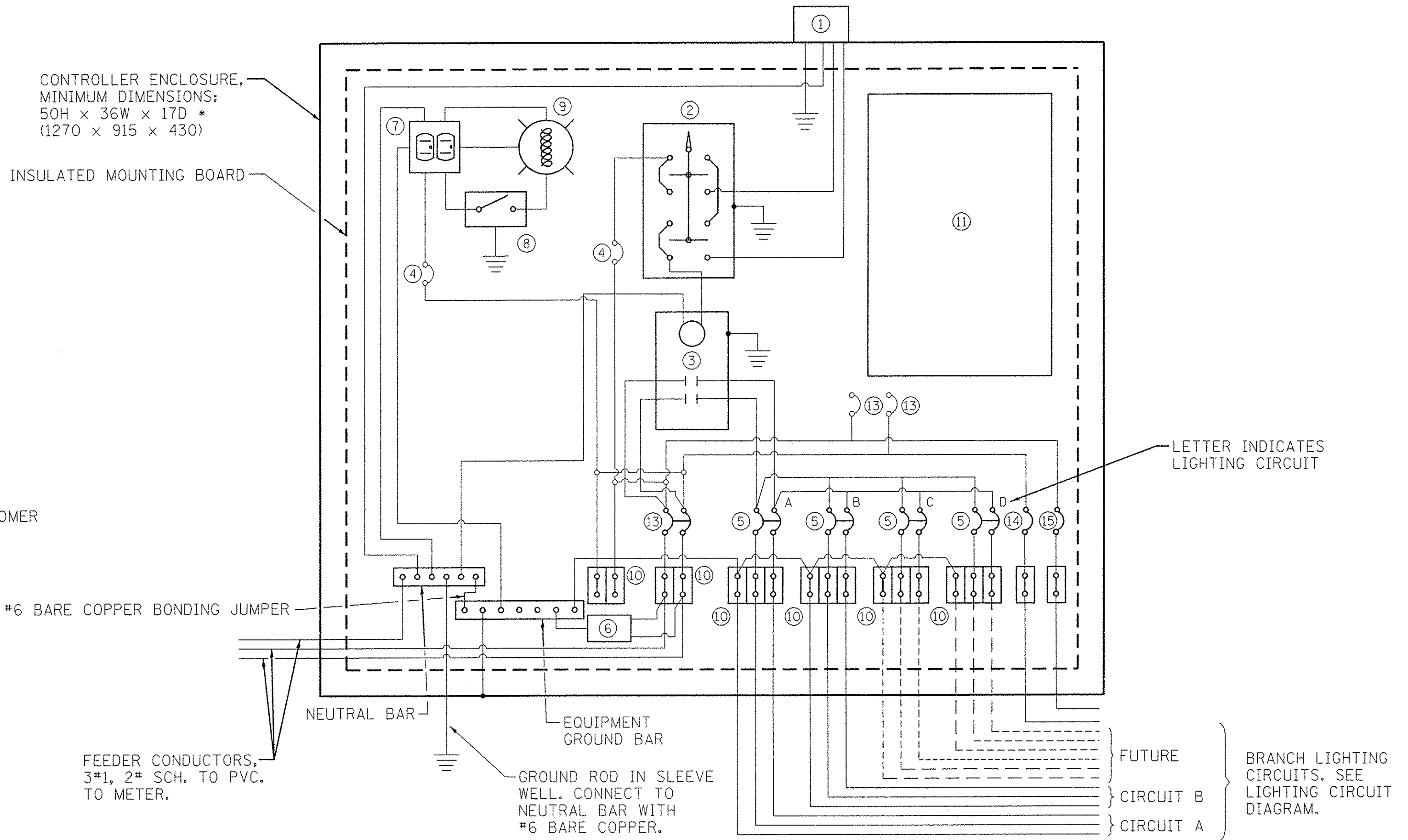
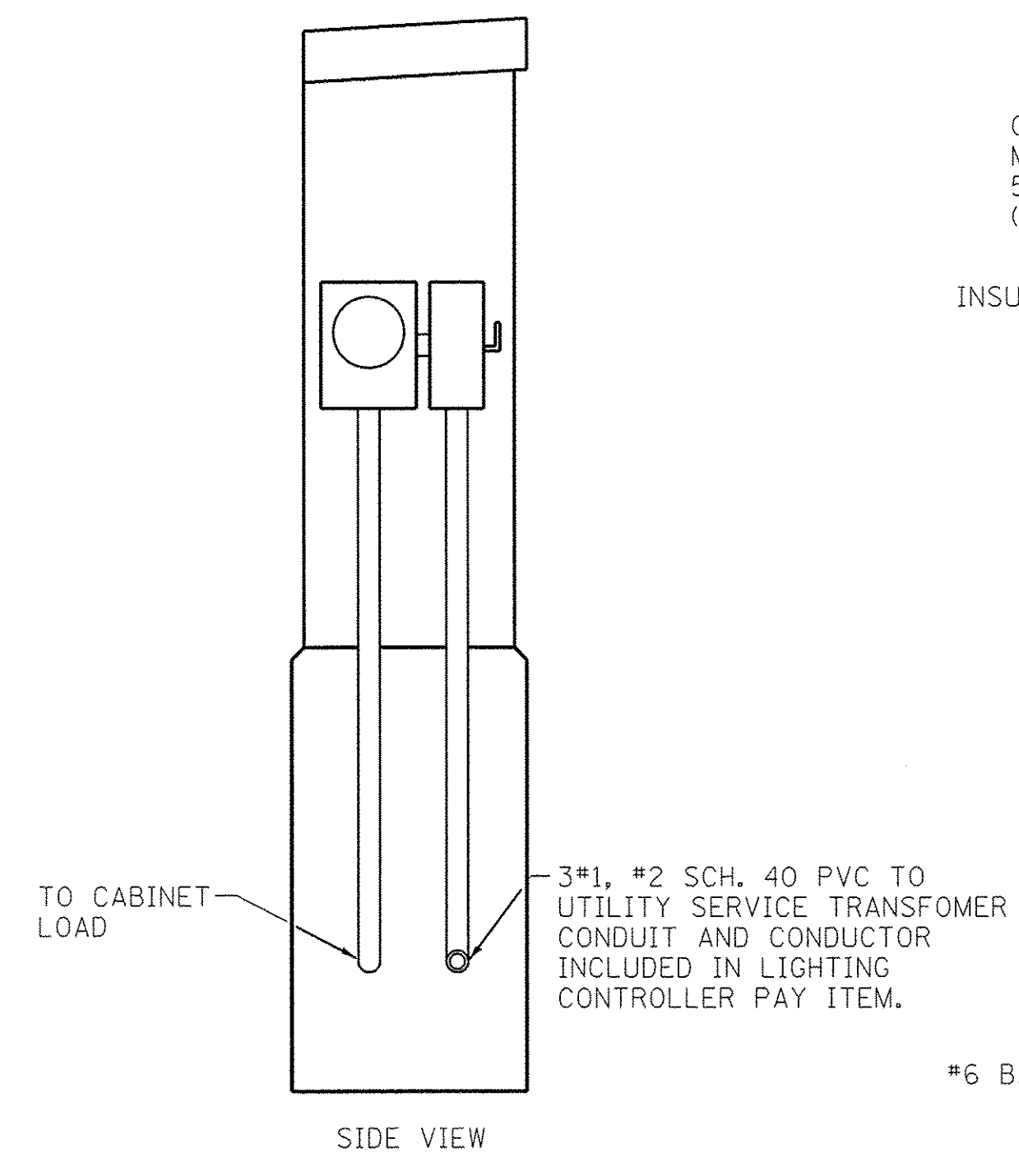
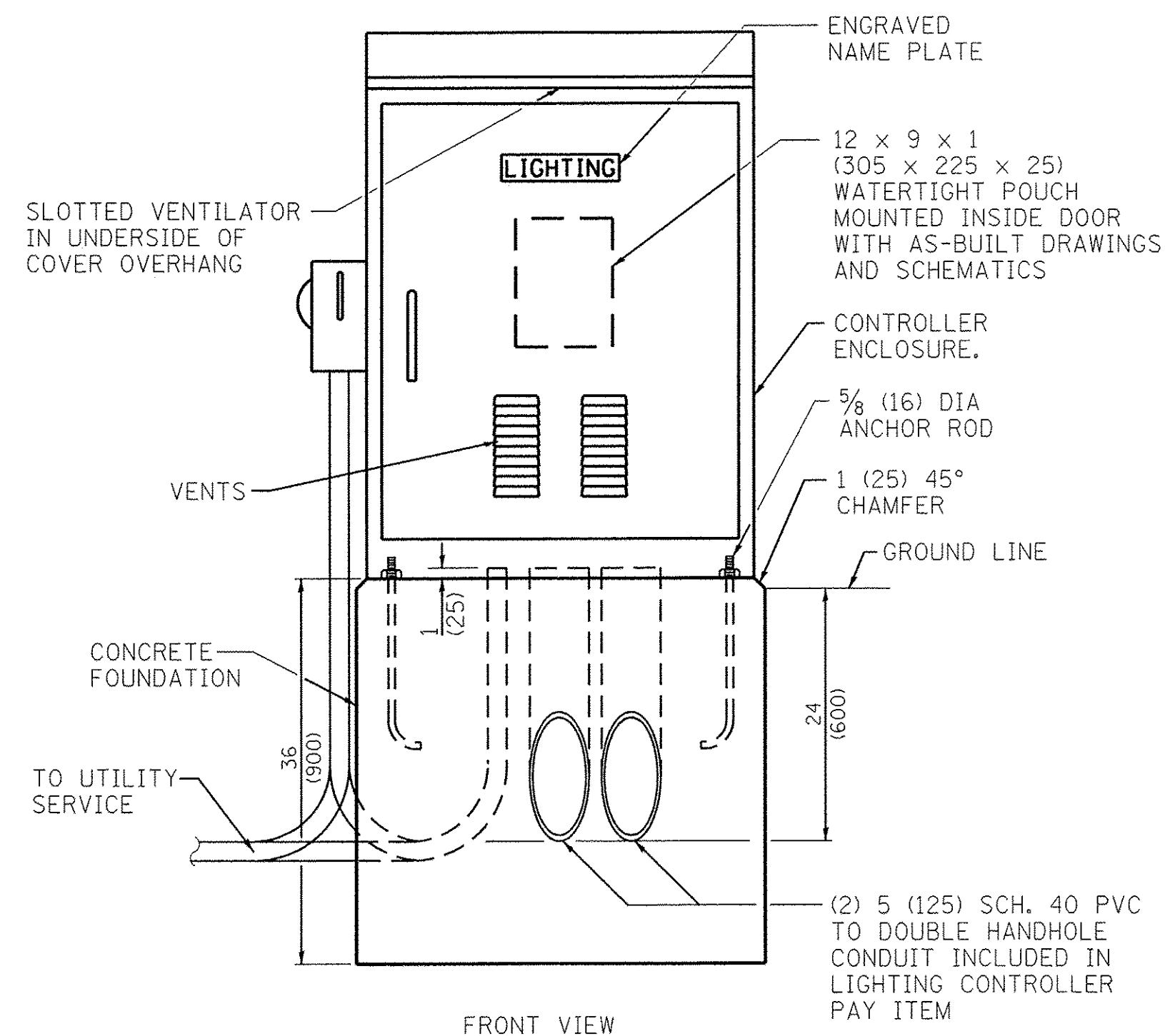
1. (3) ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE), 1/C NO. 8
2. (6) ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE), (3) 1/C NO. 8 & (3) 1/C NO. 8
3. (3) ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE), 1/C NO. 1, 2" PVC.
4. SPARE (EMPTY) CONDUIT PROVIDE PULL STRING AND CAP BOTH ENDS
5. DO NOT SPLICE FEED-THROUGH CONDUCTORS IN HANDHOLE. PROVIDE SLACK CONDUCTOR IN HANDHOLES TO ALLOW CONDUCTOR LOOP TO EXTEND 18" BEYOND TOP OF HANDHOLE. COIL AND SECURE SLACK CONDUCTOR IN HANDHOLE.
6. ALL UNDERGROUND CONDUITS SHALL BE 2" NON-METALLIC, COILABLE UNLESS NOTED OTHERWISE.
7. (2) 5" PVC UNDERGROUND BETWEEN LIGHTING CONTROLLER AND HHI CONTAINING [2].
8. HANDHOLES SHALL BE COMPOSITE CONCRETE OPEN BOTTOM WITH FLARED WALLS OF FRP AND DIMENSIONS OF 15"x17" AND 12" DEEP.
9. DOUBLE HANDHOLE SHALL BE COMPOSITE CONCRETE, OPEN BOTTOM WITH FLARED WALLS OF FRP AND DIMENSIONS OF 17"x30" AND 18" DEEP.
10. 3" NON-METALLIC COILABLE CONDUIT TO UTILITY POLE. PROVIDE CONDUIT EMPTY WITH PULL-STRING. PROVIDE 3" PVC ON POLE TO 10' ABOVE FINISHED GRADE.
11. RECEPTACLE WITH WEATHERPROOF COVER IN CENTER OF ROUNDABOUT. SEE DETAIL, SHEET 5 OF 6. CONNECT RECEPTACLE CONDUCTORS (*12) TO CIRCUIT CONDUCTORS (*8) IN HANDHOLE.



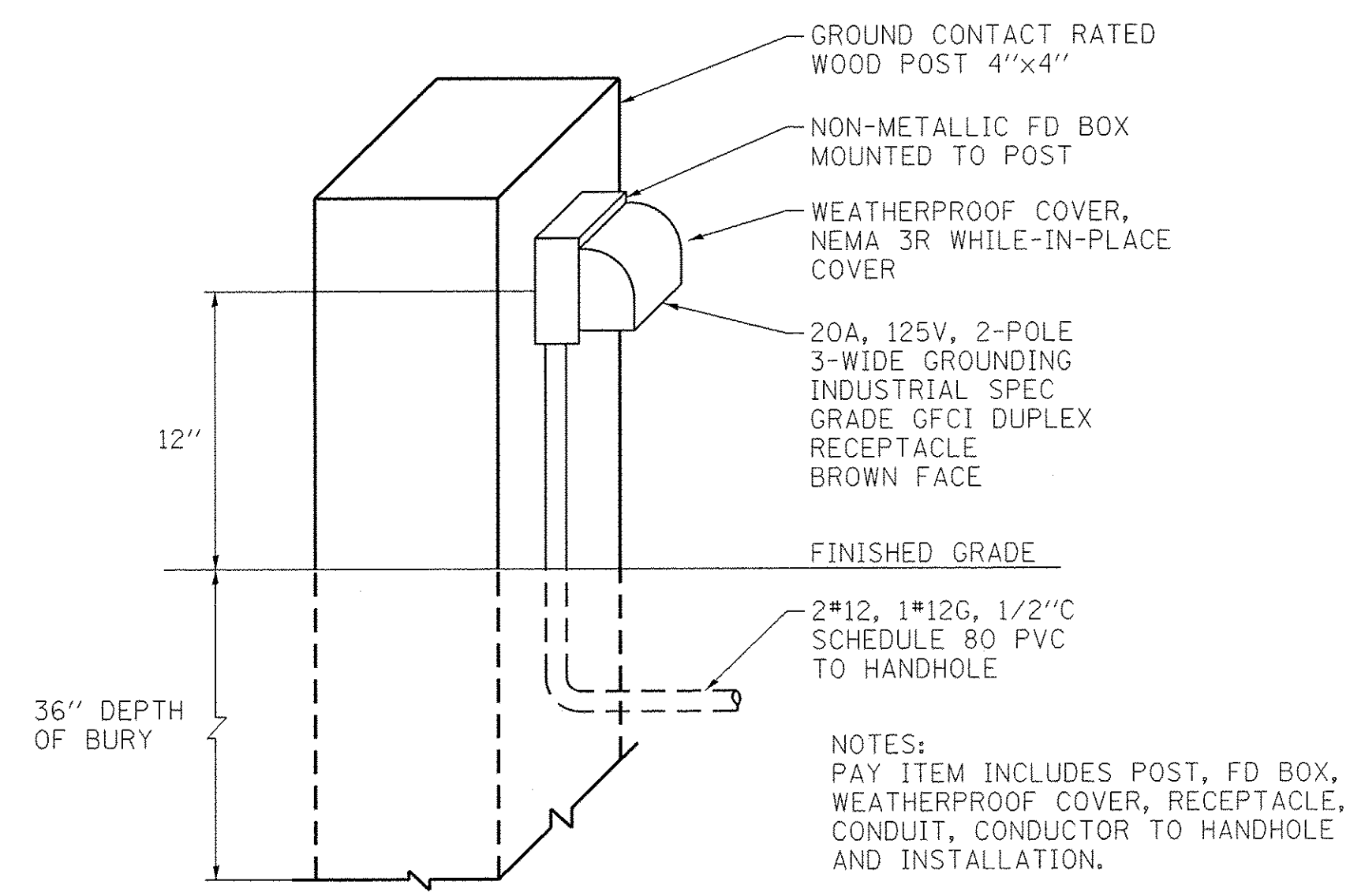
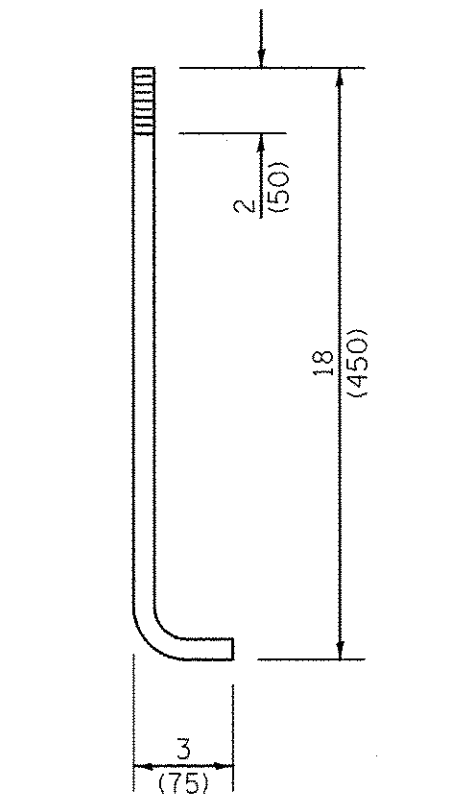
LIGHTING CIRCUIT DIAGRAM
SCALE: N.T.S.

LEGEND

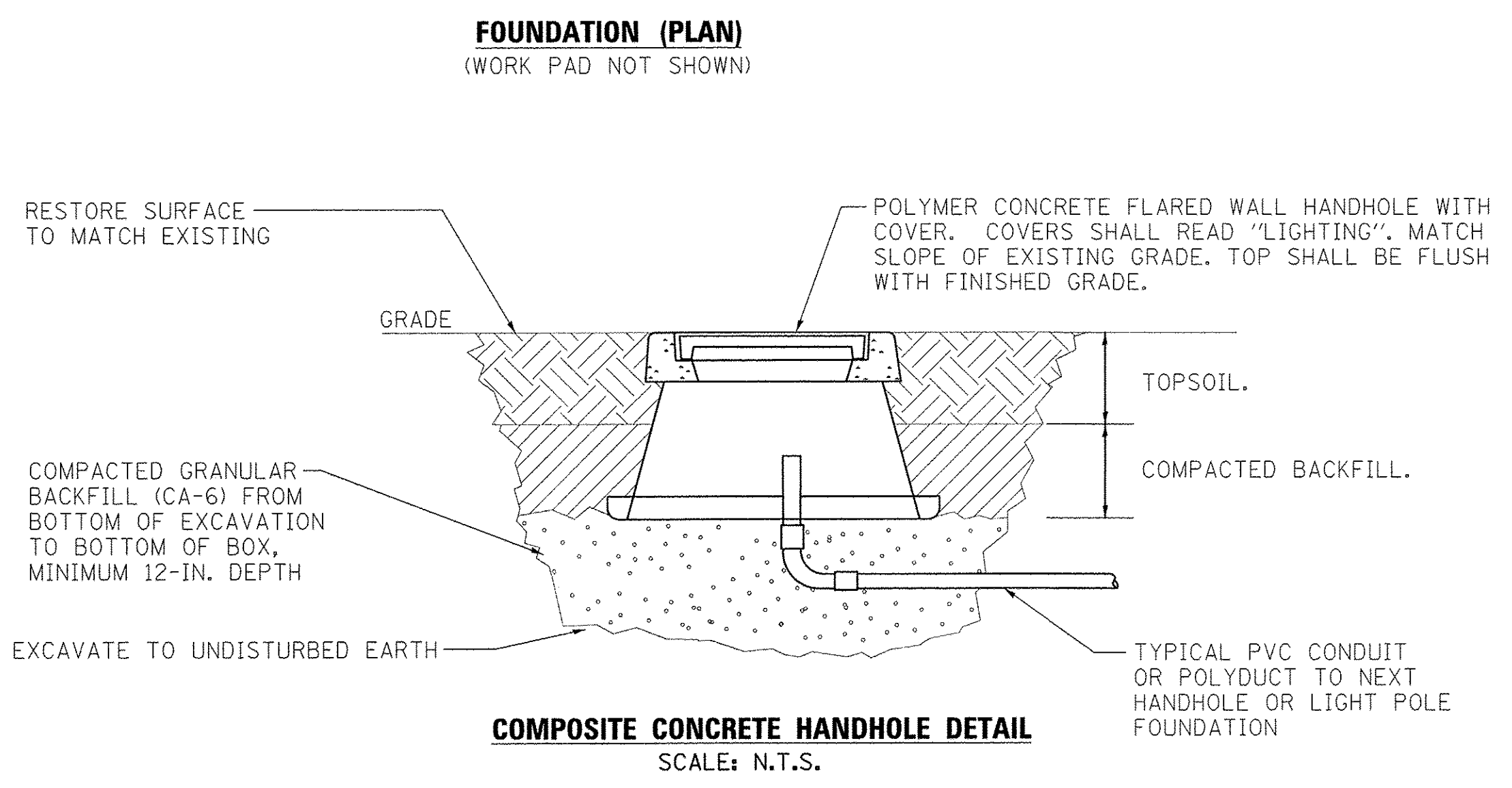
- ROADWAY FIXTURE
- LIGHT POLE NUMBER
- LIGHTING CIRCUIT
- PEDESTRIAN FIXTURE
- CONDUIT - SEE KEYED NOTES FOR SIZE AND CONTENTS
- HANDHOLE, COMPOSITE CONCRETE - SEE KEYED NOTE 8
- DOUBLE HANDHOLE, COMPOSITE CONCRETE - SEE KEYED NOTE 9



NOTE: PROVIDE 1 1/2" SCH. 40 PVC SLEEVE THROUGH FOUNDATION FOR GROUND ROD.



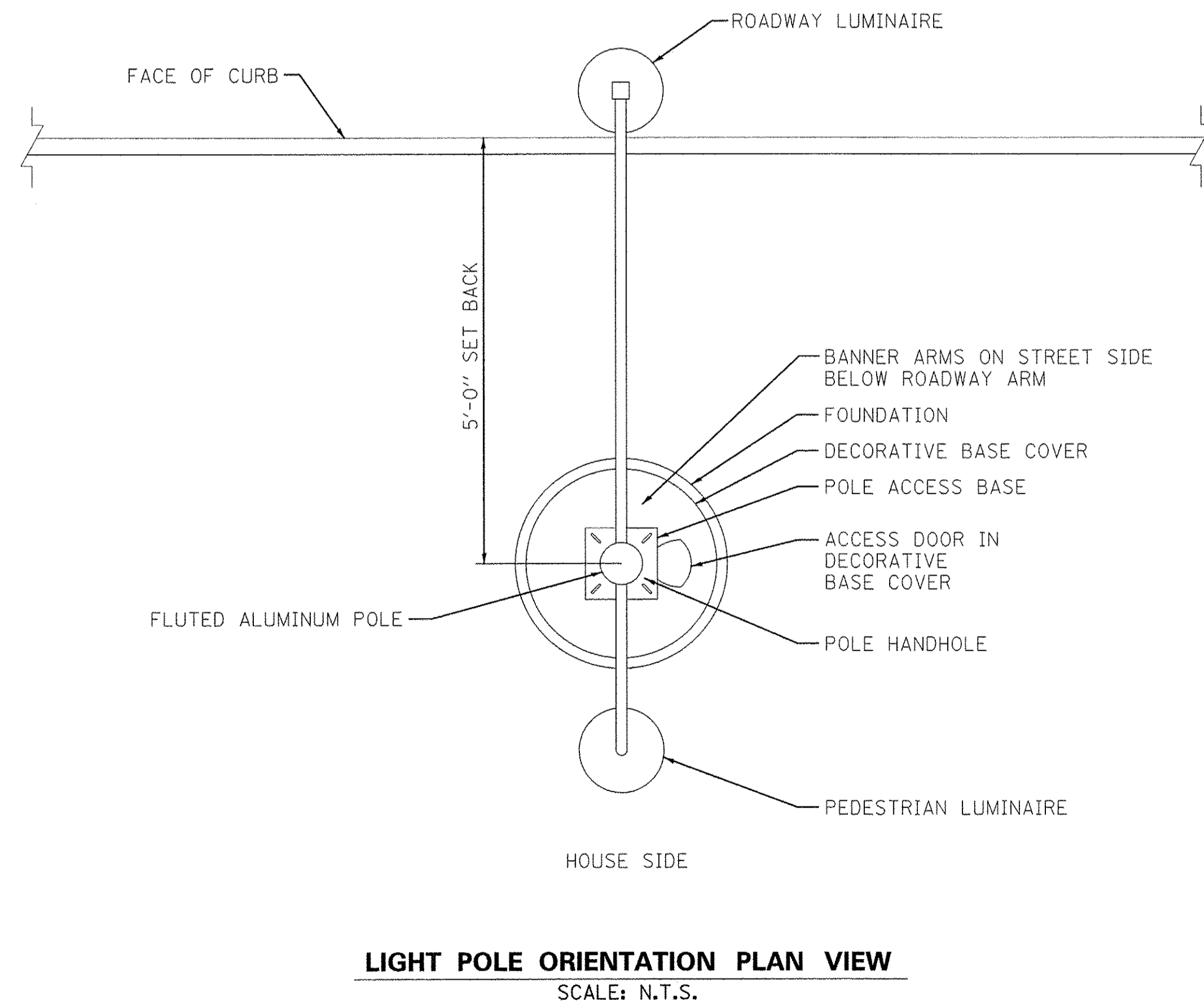
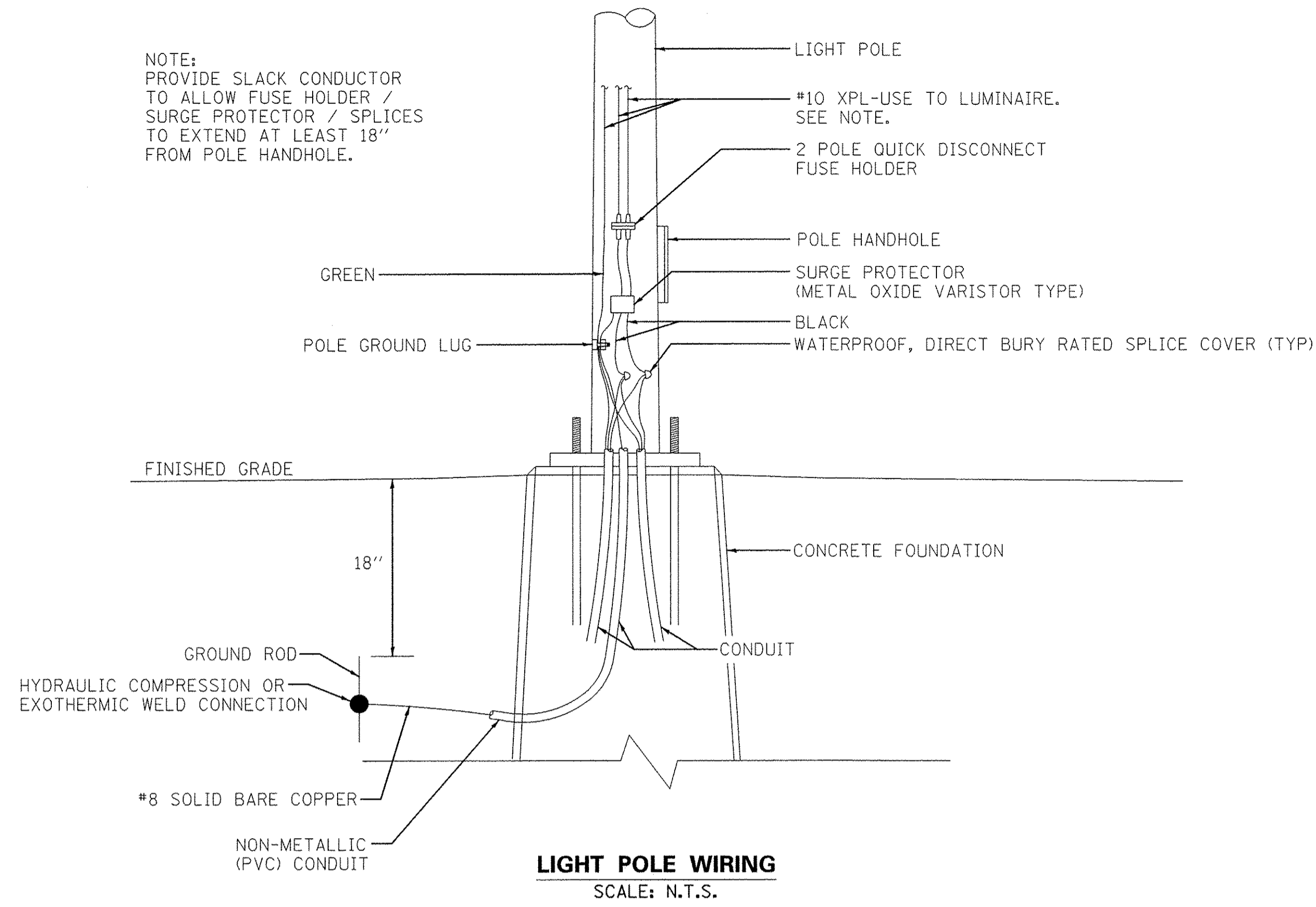
- NOTES:
- SEE PLAN SHEETS FOR ACTUAL CONDUITS REQUIRED AT EACH LOCATION.
 - CONDUITS ENTERING HANDHOLE SHALL BE VERTICAL AND PERPENDICULAR TO BOTTOM OF BOX. POSITION CONDUITS NEAR CENTER OF BOX.
 - HANDHOLE DIMENSIONS SHALL BE 15" X 17" AND 12" DEEP.
 - DOUBLE HANDHOLE DIMENSIONS SHALL BE 17" X 30" AND 18" DEEP.



- CONTROL SCHEMATIC**
- PHOTOCELL WITH INTEGRAL SURGE ARRESTER
 - HAND-OFF-AUTO SELECTOR SWITCH
 - 100 AMP, ELECTRICALLY HELD CONTRACTOR
 - 15 AMP, 1-POLE CIRCUIT BREAKER
 - 30 AMP, 2-POLE CIRCUIT BREAKER (FOUR SPARES REQUIRED BUT NOT SHOWN)
 - SURGE ARRESTER
 - GFCI DUPLEX RECEPTACLE
 - SINGLE-POLE, SINGLE-THROW SWITCH
 - INCANDESCENT LUMINAIRE, ENCLOSED AND GASKETED WITH 26 WATT CFL SELF BALLASTED LAMP.
 - TERMINAL BLOCKS FOR CONNECTION OF FIELD WIRING
 - RESERVE SPACE ON MOUNTING BOARD FOR IRRIGATION CONTROLLER, 18"W X 24" H MINIMUM
 - 100 AMP*, 2-POLE CIRCUIT BREAKER
 - 20 AMP 1-POLE BREAKER, TO SUPPLY IRRIGATION EQUIPMENT
 - 20 AMP 1-POLE BREAKER TO SUPPLY WEATHERPROOF RECEPTACLE IN CENTER OF ROUNDABOUT
 - 20 AMP 1-POLE BREAKER TO IRRIGATION BOOSTER PUMP

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

NOTE:
PROVIDE SLACK CONDUCTOR
TO ALLOW FUSE HOLDER /
SURGE PROTECTOR / SPLICES
TO EXTEND AT LEAST 18"
FROM POLE HANDHOLE.



LIGHTING ASSEMBLY SCHEDULE				
ITEM	MANUFACTURER	SERIES	LIGHT TYPE	COMMENTS
ROADWAY LUMINAIRE	STERNBERG (1)	1921 GALESBURG	LED	(2)
ROADWAY ARM	STERNBERG (1)	FFA	N/A	(2)
PEDESTRIAN LUMINAIRE	STERNBERG (1)	1930ALED/RLM24	LED	(2)
PEDESTRIAN BRACKET ARM	STERNBERG (1)	91WPM	N/A	(2)
LIGHT POLE	VALMONT (1)	RTFA	N/A	(2)
DECORATIVE BASE COVER	STERNBERG (1)	7800 WILLIAMSBURG	N/A	(2)
BANNER ARMS	STERNBERG (1)	DBA	N/A	(2)

NOTES:

- SEE SPECIAL PROVISIONS FOR DETAILS OF THE LIGHTING EQUIPMENT.
- ALL LIGHTING ASSEMBLIES SHALL BE AS SHOWN IN THE DETAIL BELOW EXCEPT PROVIDE LIGHT POLE P9 WITHOUT PEDESTRIAN LUMINAIRE AND BRACKET ARM

