

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	07-00035-00-LS	COOK	42	1
FED. ROAD DIST. NO. 1	ILLINOIS	CONTRACT NO. 63059		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED FEDERAL AID HIGHWAY PROJECT

F.A.P. 330 (U.S. 45 /12 /20 - LA GRANGE ROAD)
LANDSCAPING AND SCENIC BEAUTIFICATION
AT 57TH, 58TH, AND 59TH STREET INTERSECTIONS

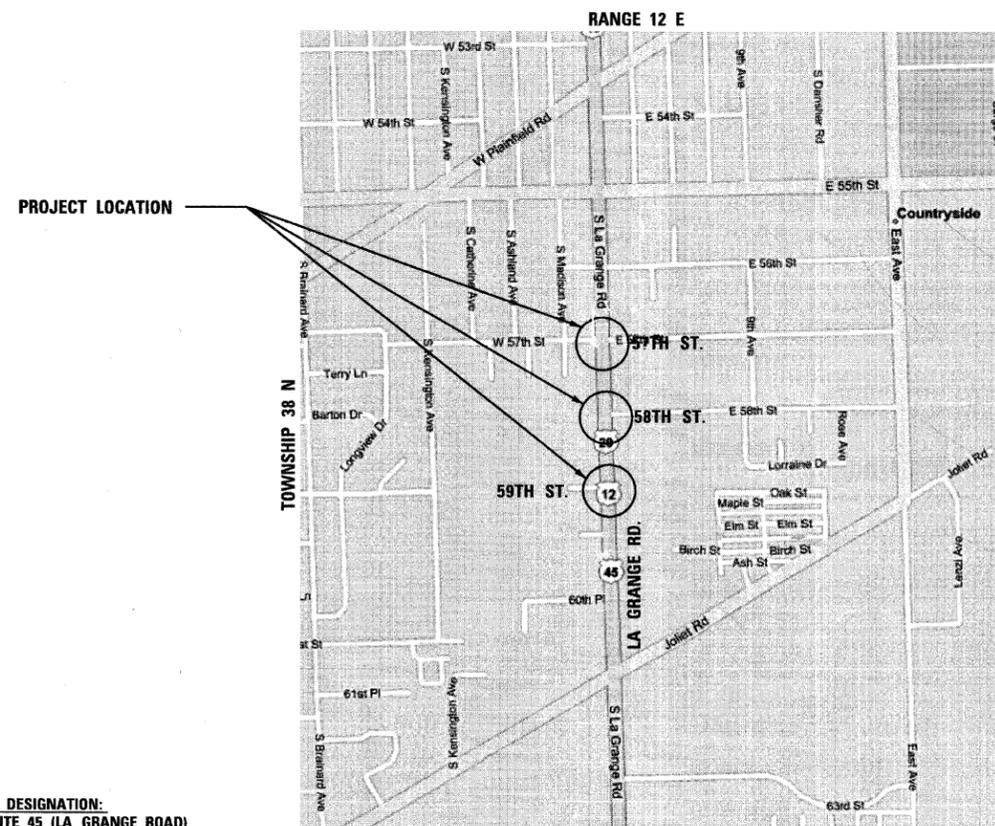
SECTION NO. 07-00035-00-LS

PROJECT NO. TE-00D1(776)

JOB NO. C-91-315-07

CITY OF COUNTRYSIDE
COOK COUNTY, ILLINOIS

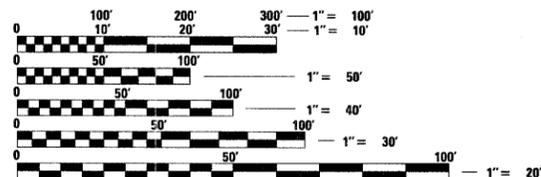
FOR INDEX OF SHEETS, SEE SHEET NO. 2



DESIGN DESIGNATION:
U.S. ROUTE 45 (LA GRANGE ROAD)
660 (20) ARTERIAL 6.22 (PD-20)
POSTED SPEED = 35 MPH
DESIGN SPEED = 45 MPH
EX. ADT = 36,600 , EX. DHV = 3,660

CITY OF COUNTRYSIDE
GROSS LENGTH OF PROJECT = 1475'
NET LENGTH OF PROJECT = 450'

SCALE: N.T.S.



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

FIELD ENGINEER: MARILIN SOLOMON (847) 705-4407

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
205 N. MICHIGAN AVE.
CHICAGO, IL 60601

ROBERT J. STERN, P.E.
EXPIRES: 11/30/09 DATE: 2/26/09

CITY OF COUNTRYSIDE

Approved: [Signature] (DATE) 2/26/09
MAYOR (SIGNATURE) Local Agency, Position

Passed: APRIL 16 (DATE) 2009
[Signature] (SIGNATURE) District # Engineer of Local Roads & Streets

Releasing for Bid Based on Limited Review: APRIL 16, (DATE) 2009
Diane M. O'Keefe (SIGNATURE) Deputy Director of Highways, Region # Engineer

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OF THE STATE OF ILLINOIS

CONTRACT NO. 63059

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
205 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312/616-0000

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GENERAL NOTES

1. All work to be completed in accordance with the standard specifications for road and bridge construction, adopted January 1, 2007 and the supplemental specifications and recurring special provisions adopted January 1, 2009 by the Illinois Department of Transportation.
2. Before starting any excavation, the contractor shall call "j.u.i.e." at 800-892-0123 or 811 for field locations of buried electric, telephone, and gas facilities. (48 hour notification required)
3. The contractor shall coordinate construction activities with utility companies, the Illinois Department of Transportation, and the City of Countryside.
4. The contractor shall use all necessary precautions and protection measures required to maintain existing utilities, sewers, and appurtenances that must be kept in operation. In particular, the contractor will take adequate measures to prevent the undermining of utilities and sewers which are still in service.
5. The contractor shall protect existing or new utilities when considered necessary by methods approved by the engineer, and he shall brace and support the utilities properly to prevent settlement, displacement, or damage to the utilities. The protection of the utilities specified herein will not be paid for separately, but the cost thereof shall be considered as included in the contract.
6. All construction personnel will be required to wear fluorescent orange, yellow, or green vests at all times while on the construction site. Compliance with this requirement shall be considered included in the contract.
7. It is the contractor's responsibility to ascertain the existing field conditions before bidding on the project, specifically as they relate to lump sum items.
8. The contractor will not be allowed to set up a yard or field office on public or private property without written permission from the City of Countryside.
9. All elevations shown on these plans are on the USGS datum.
10. Saw cutting of pavements, sidewalk, curb & gutter, etc. shall be to full depth and shall result in a clean straight edge on the portion remaining. All sawcutting shall be considered included in the item removed.
11. The curb & gutter shall be depressed through curb ramps and paid for as combination concrete curb & gutter as noted on the plans.
12. 10 foot transitions shall be used to match proposed curb and gutter items of work to existing curbs & gutters in the field, unless otherwise shown. The transitions shall be paid for at the contract unit price for the proposed items of work specified.
13. Where proposed curbs and gutters are not tying into existing curb and gutter or are ending, they shall transition to 0" height over the final 3 feet.
14. Protective coat shall be applied in accordance with article 420 of the standard specifications all exposed surfaces of curbs and gutters and pcc sidewalks.
15. No payment shall be made for overhaul from any source, but shall be considered included with earth excavation.
16. Barricades: on all type i & ii barricades the contractor shall install two weighted sand bags. On each type i or type ii barricade used, one weighted sand bag shall be laid across each bottom rail.
17. Where section, subsection, subdivision or property monuments are encountered, the engineer shall be notified before such monuments are removed. The contractor shall protect and carefully preserve all property markers and monuments until the owner, an authorized surveyor or agent has witnessed or otherwise referenced their location.
18. The locations of existing water mains, gas mains, sewers, electric power lines and other utilities as shown on the plans are based on field investigations and the best information available, but they are not guaranteed. It shall be the contractors' responsibility to ascertain their exact locations from the utility companies and by field inspection.
19. All existing traffic signs are to be removed, stored and reinstalled. This work will not be paid for separately, but shall be included in the lump sum contract unit price sum for traffic control and protection.
20. Removal of existing regulatory, warning, and/or traffic signs which interfere with construction and/or conflict with construction traffic patterns described in the maintenance of traffic plans or as directed by the engineer shall be included in the lump sum contract unit price for traffic control and protection.
21. The contractor shall maintain access to all entrances servicing adjacent properties at all times during construction.
22. A quantity of exploration trench is included in the plans for the purpose of identifying any buried obstacle. The engineer shall approve the locations of this pay item before any excavation may begin.
23. Damaged pavement areas adjacent to curb and gutter removal sections will be repaired with binder and hot mix asphalt surface course.

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FILE NAME =	USER NAME = \$USER\$	DESIGNED --	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, GENERAL NOTES, & STATE STANDARDS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
\$FILEL\$		DRAWN -- ICJ	REVISED --			RTE.	07-00035-00-LS	COOK	42	2	
	PLOT SCALE = \$SCALE\$	CHECKED -- BS	REVISED --			CONTRACT NO. 63059					
	PLOT DATE = 8/22/08	DATE -- 4/30/09	REVISED --			SCALE:	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		

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La Grange Rd. @ 57th St., 58th St. & 59th St.

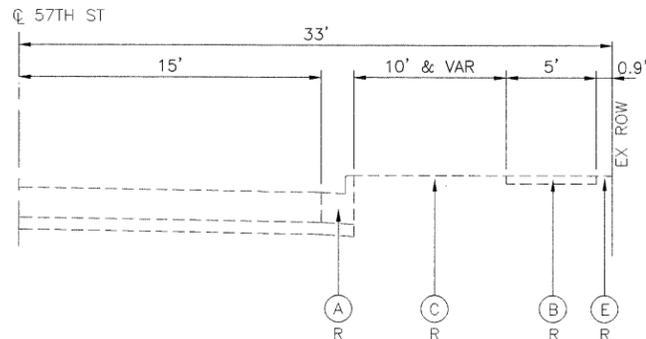
Special Provision	ITEM #	CODE NUMBER	DESCRIPTION	UNIT	TOTAL QUANTITY Y003	CONTRACT 1 ITEM	CONTRACT 2 ITEM	CONTRACT 3 ITEM	CONTRACT 4 ITEM	CONTRACT 5 ITEM	CONTRACT 6 ITEM	57th St. S.W. QUAD.	57th St. S.E. QUAD.	57th St. N.W. QUAD.	57th St. N.E. QUAD.	58th St. WEST	58th St. S.E. QUAD.	58th St. N.E. QUAD.	59th St. N.E. QUAD.	59th St. S.E. QUAD.	59th St. N.W. QUAD.
N	1	20101700	SUPPLEMENTAL WATERING	UNIT	16				X			2	2	2	2	0	2	2	2	2	0
N	2	20200100	EARTH EXCAVATION	CU. YD.	312	X						33.7	36.1	42.9	44.4	57.3	23.8	35.5	18.8	19.1	0
N	3	25000400	NITROGEN FERTILIZER NUTRIENT	LB.	2				X			0.1	0.4	0.1	0.9	0.0	0.0	0.0	0.0	0.0	0
N	4	25000500	PHOSPHOROUS FERTILIZER NUTRIENT	LB.	2				X			0.1	0.4	0.1	0.9	0.0	0.0	0.0	0.0	0.0	0
N	5	25000600	POTASSIUM FERTILIZER NUTRIENT	LB.	2				X			0.1	0.4	0.1	0.9	0.0	0.0	0.0	0.0	0.0	0
N	6	25200110	SODDING SALT TOLERANT	SQ. YD.	144				X			11	39	14	80	0	0	0	0	0.0	0
N	7	21101810	COMPOST FURNISH AND PLACE 3"	SQ. YD.	47				X			0.8	3.3	0.8	2.5	0.0	4.1	3.7	32.1	0.0	0
N	8	35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ. YD.	342				X			30.9	30.7	32.5	33.4	85.1	41.8	58.5	11.2	18.0	0
N	9	40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	6	X						0	0	0	0	0	0	0	0	0	0
N	10	42400200	PORTLAND CEMENT CONCRETE SIDEWALK, 5"	SQ. FT.	325		X					0	0	37	166	0	0	0	50	72	0
Y	11	44001005	HOT-MIX ASPHALT SURFACE REMOVAL	SQ. YD.	52.4	X						0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
N	12	44000100	PAVEMENT REMOVAL	SQ. YD.	277	X						169	0	0	0	108	0	0	0	0	0
N	13	44000300	CURB REMOVAL	FOOT	19	X						0	0	0	0	8	11	0	0	0	0
N	14	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	411	X						62	68	58	58	70	40	55	0	0	0
N	15	44000600	SIDEWALK REMOVAL	SQ. FT.	1637	X						41	63	164	235	387	222	263	131	131	0
N	16	50300225	CONCRETE STRUCTURES	CU YD	46		X										19.1			5.6	
N	17	50800105	REINFORCEMENT BARS	POUND	3130		X										1450.0			410.0	
N	18	60600605	CONCRETE CURB, TYPE B	FOOT	20		X					0	0	0	0	9	11	0	0	0	0
N	19	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	100		X					13	21	14	41	0	11	0	0	0	0
N	20	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	326		X					46	48	47	47	69	29	40	0	0	0
Y	21	60626500	TRANSITIONAL COMBINATION CONCRETE CURB AND GUTTER	FOOT	15		X					0	0	0	0	0	0	15	0	0	0
Y	22	70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1	X															
N	23	78000400	THERMOPLASTIC PAVEMENT MARKING - 6"	FOOT	357	X								159			197		0	0	0
N	24	78000650	THERMOPLASTIC PAVEMENT MARKING - 24"	FOOT	101	X								29			71		0	0	0
N	25	81012200	CONDUIT IN TRENCH, 3/4" DIA. PVC	FOOT	912				X					432			288			192	
N	26	81018600	CONDUIT PUSHED, 2 1/2" DIA. GALVANIZED STEEL	FOOT	380				X					190			120			70	
N	27	81021390	CONDUIT PUSHED, 6" DIA., PVC	FOOT	424				X					269			155			0	
N	28	81021370	CONDUIT PUSHED, 4" DIA., PVC	FOOT	1418				X					269			155			994	
Y	29	81603162	UNIT DUCT, 600V, 2-1C NO.6, 1/1C NO. 8 GROUND, (ERP - TYPE RHW), 1 1/4" DIA. POLYETHYLENE	FOOT	780				X					400			200			180	
N	30	A2007616	TREE, TAXODIUM DISTICHUM, (COMMON BALD CYPRESS) 2" CALIPER, BALLED AND BURLAPED	EACH	3				X			0	0	0	0	0	0	0	1	2	0
N	31	A2007628	TREE, TAXODIUM DISTICHUM, (COMMON BALD CYPRESS) 3 1/2" CALIPER, BALLED AND BURLAPED	EACH	2				X			0	0	0	0	0	0	0	1	1	0
N	32	B2000564	TREE, AMELANCHIER CANADENSIS (SHADBLow SERVICEBERRY) 5' HEIGHT, SHRUB FORM, BALLED AND BURLAPED	EACH	4				X			1	1	1	1	0	0	0	0	0	0
N	33	C2001736	SHRUB, CORNUS SERICEA CARDINAL (CARDINAL REDOSIER DOG WOOD) 3" CONTAINER	EACH	7				X			0	0	0	0	0	0	0	3	4	0
N	34	C2011036	SHRUB, SYRINGA PATULA MISS KIM (MISS KIM MANCHURIAN LILAC) 3' HEIGHT BALLED AND BURLAPED	EACH	2				X			1	0	1	0	0	0	0	0	0	0
N	35	D2000636	SHRUB, JUNIPERUS CHINENSIS SEA GREEN (SEA GREEN JUNIPER) 3' WIDTH, BALLED AND BURLAPED	EACH	7				X			2	2	1	2	0	0	0	0	0	0
Y	36	XX005967	TOPSOIL (PLANTING MIXTURE)	CU. YD.	722				X			95.4	120.3	35.1	78.6		35.6	25.2	331.4	0.0	0
Y	37	XX006571	REMOVE AND REPLACE BOLLARDS	EACH	13	X						0	0	0	0	13	0	0	0	0	0
Y	38	XX006834	ELECTRICAL CONNECTION TO EXISTING LIGHTING SYSTEM	EACH	3									1			1			1	
Y	39	X0325713	GROUND ROD	EACH	12					X				4			6			2	
Y	40	X7240500	RELOCATE EXISTING SIGNS	EACH	4	X						1	0	0	2	0	0	1	0	0	0
Y	41	Z0017400	DRAINAGE AND UTILITY STRUCTURES TO BE ADJUSTED	EACH	3	X						0	0	0	0	2	1	0	0	0	0
Y	42	Z0051500	REMOVING AND RESETTING STREET SIGNS	EACH	1	X						0	0	0	0	0	0	1	0	0	0
Y	43	XX006653	FENCE (SPECIAL)	FOOT	64					X		0.00	0.00	0.00	0.00	0.00	0.00	0.00	64	0	
Y	44	XX003056	RAIL REMOVAL	FOOT	32					X		0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.7	0	
Y	45	X0321710	GRANULAR SUBBASE	CU. YD.	3				X			0.2	0.2	0.2	1.2	0.7	0.2	0.2	0.0	0.0	0
Y	46	XX008028	#10 WIRE	FOOT	2640					X				1290			810			540	
Y	47	LR 430030	CONCRETE PAVER PAVEMENT	SQ. YD.	342				X			29.6	23.4	27.5	29.8	60.7	35.4	46.1	10.0	0.0	14.6
									X			4.8	5.4	5.9	4.9	24.7	5.3	6.4	1.4	0.0	0.8
									X			0.7	0.7	0.7	0.7	0.7	0.7	1.4	0.0	0.0	0
Y	50	XX008029	LIGHTING CONTROL PANEL	EACH	6					X				2			3			1	
Y	51	81400105	HANDHOLE (SPECIAL)	EACH	2					X				2			0			0	
Y	52	XX008030	M1 - IN-GRADE FIXTURE FOR UPLIGHTING	EACH	26					X				12			10			4	
Y	53	XX008031	M2 - KNUCKLE MOUNT ACCENT FIXTURE	EACH	18					X				10			4			4	
Y	54	XX008032	M3 - FIXTURE IN PYLON	EACH	10					X				4			4			2	
Y	55	XX008033	DUPLEX WEATHERPROOF GFI RECEPTACLE AND COVER PLATE	EACH	16					X				7			6			3	
Y	56	XX008034	SEATWALL 20" HT.	FOOT	104				X			13.5	13.5	13.5	13.5	22.0	10.0	10.0	0.0	8.0	0
Y	57	XX008035	PILLAR 24" HT.	EACH	21				X			3.0	3.0	3.0	3.0	4.0	2.0	2.0	0.0	1.0	0
Y	58	XX008036	PYLON PILLAR 40" HT.	EACH	8				X			1.0	1.0	1.0	1.0	2.0	1.0	1.0	0.0	0.0	0
Y	59	XX008037	PYLON PILLAR 52" HT.	EACH	2				X			0	0	0	0	0	0	0	1	1	0
Y	60	XX008038	PYLON	EACH	10					X		1	1	1	1	2	1	1	1	1	0
Y	61	XX008039	GALVANIZED SPIKE WITH 8" PLASTIC EDGE	FOOT	294				X			15	16	17	12	0	58	58	59	59	0
Y	62	XX008040	SHRUB, JUNIPERUS VIRGINIA 'MANHATTIN BLUE' 5' HIGH	EACH	3				X			1	1	0	1	0	0	0	0	0	0
Y	63	XX008041	PERENNIAL PLANTS, EUONYMUS FORTUNIE VAR. COLORATUS, 1 QUART	EACH	230				X			0	0	0	0	0	0	0	0	230	0
Y	64	XX008042	PERENNIAL PLANTS, HELICTOTRICHON SEMPER VIRENS, 2 GALLON	EACH	64				X			7	7	2	13	0	8	8	0	19	0
Y	65	XX008043	PERENNIAL PLANTS, CALLIRHOE INVOLUTRA	EACH	69				X			14	6	6	5	0	5	5	0	28	0
Y	66	XX008044	PERENNIAL PLANTS, LONICERA X BROWNII 'DROPMORE SCARLET'	EACH	4				X			0	0	0	0	0	0	0	0	4	0
Y	67	XX008045	PERENNIAL PLANTS, PEROSKIA ATRIPLICIFOLIA 'LITTLE SPIRE'	EACH	16				X			0	0	0	0	0	0	0	0	16	0
Y	68	XX008046	LANDSCAPE RESTORATION (SOD)	EACH	8				X			0	0	1	1	0	1	0	1	1	3
Y	69	XX008047	METAL LETTERING 4"	EACH	22					X		11	0	0	11	0	0	0	0	0	0
Y	70	XX008048	METAL LETTERING 8"	EACH	11					X		0	0	0	0	11	0	0	0	0	0
Y	71	XX008049	HELICAL PIER	EACH	3					X						3					

* SPECIALTY ITEMS

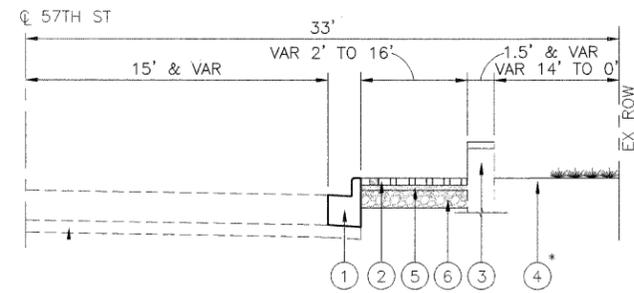
FILE NAME = \$FILES\$	USER NAME = \$USER\$	DESIGNED --	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = \$SCALE\$	DRAWN -- ICJ	REVISED --			RTE.	07-00035-00-LS	COOK	42	3
	PLOT DATE = 8/22/08	CHECKED -- BS	REVISED --			CONTRACT NO. 63059				
	DATE -- 4/30/09	DATE -- 4/30/09	REVISED --			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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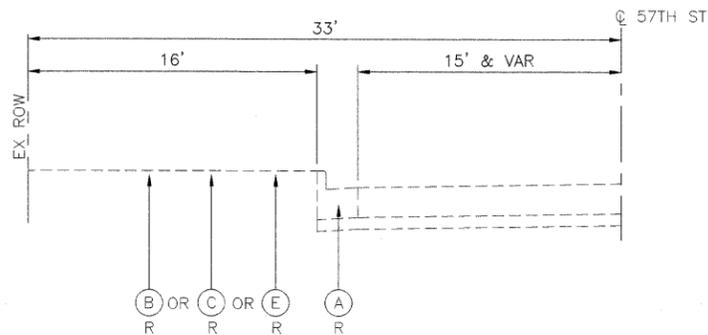
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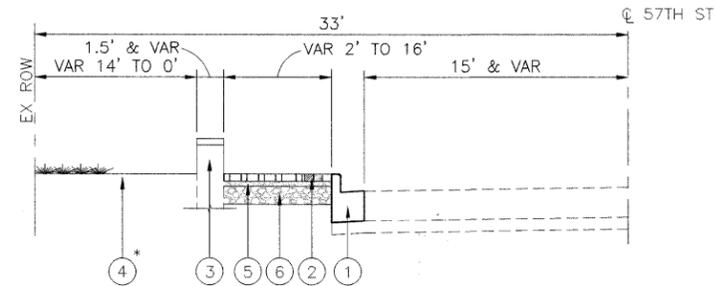
1 EXISTING 57TH ST INTERSECTION-NORTH WEST CORNER
(FACING WEST ALONG 57TH ST)



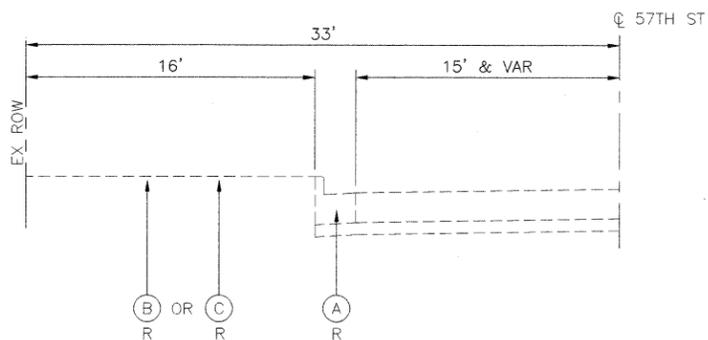
2 PROPOSED 57TH ST INTERSECTION-NORTH WEST CORNER
(FACING WEST ALONG 57TH ST)



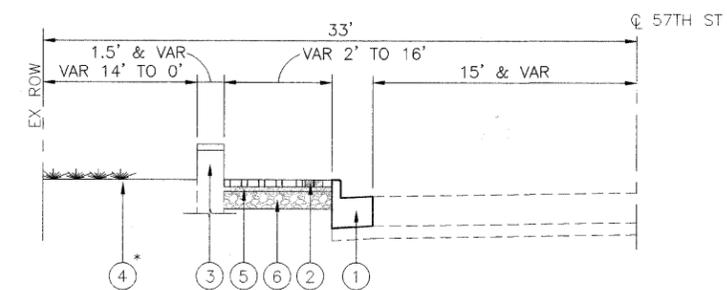
3 EXISTING 57TH ST INTERSECTION-SOUTH WEST CORNER
(FACING WEST ALONG 57TH ST)



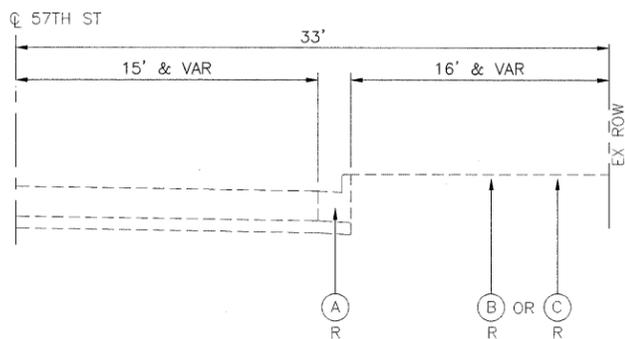
4 PROPOSED 57TH ST INTERSECTION-SOUTH WEST CORNER
(FACING WEST ALONG 57TH ST)



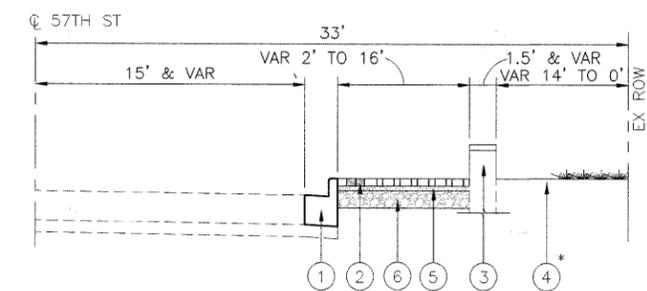
5 EXISTING 57TH ST INTERSECTION-NORTH EAST CORNER
(FACING EAST ALONG 57TH ST)



6 PROPOSED 57TH ST INTERSECTION-NORTH EAST CORNER
(FACING EAST ALONG 57TH ST)



7 EXISTING 57TH ST INTERSECTION-SOUTH EAST CORNER
(FACING EAST ALONG 57TH ST)



8 PROPOSED 57TH ST INTERSECTION-SOUTH EAST CORNER
(FACING EAST ALONG 57TH ST)

EXISTING LEGEND

- (A) COMBINATION CONCRETE CURB AND GUTTER
- (B) PCC SIDEWALK
- (C) GRASS PARKWAY
- (D) STONE PAVEMENT
- (E) BITUMINOUS PAVEMENT
- (F) CONCRETE HEADWALL WITH SIDEWALK SLAB
- (G) METAL RAILING
- (H) CONCRETE CULVERT
- R REMOVAL (SEE NOTE 2)

PROPOSED LEGEND

- (1) COMBINATION CONCRETE CURB AND GUTTER (B-6.12 OR B-6.24 & VAR) (SEE NOTE 2)
- (2) BRICK PAVERS (SEE NOTE 1)
- (3) SEAT WALL WITH PYLON (SEE NOTE 1)
- (4) LANDSCAPING (SEE NOTE 1)
- (5) BEDDING SAND (SEE NOTE 1)
- (6) AGGREGATE BASE (SEE NOTE 1)
- * SURFACE BEHIND WALL VARIES. SEE CIVIL & LANDSCAPING PLAN SHEETS FOR DETAILS

NOTES:

1. SEE LANDSCAPING SHEETS FOR DETAILS
2. SEE CIVIL PLAN SHEETS FOR EXACT LIMITS OF REMOVAL ITEMS AND PROPOSED SIDEWALK, PAVEMENT, CURB & GUTTER

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FILE NAME =	USER NAME = \$USER\$	DESIGNED --	REVISED --
\$FILEL\$		DRAWN -- ICJ	REVISED --
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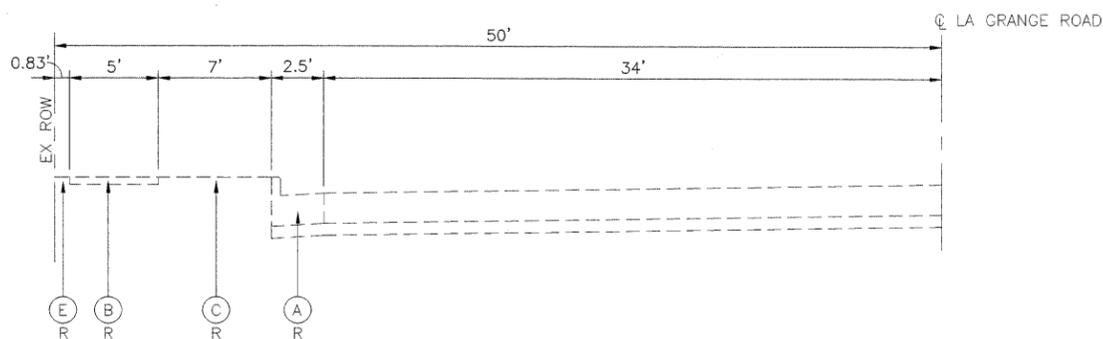
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS
57TH STREET INTERSECTION**

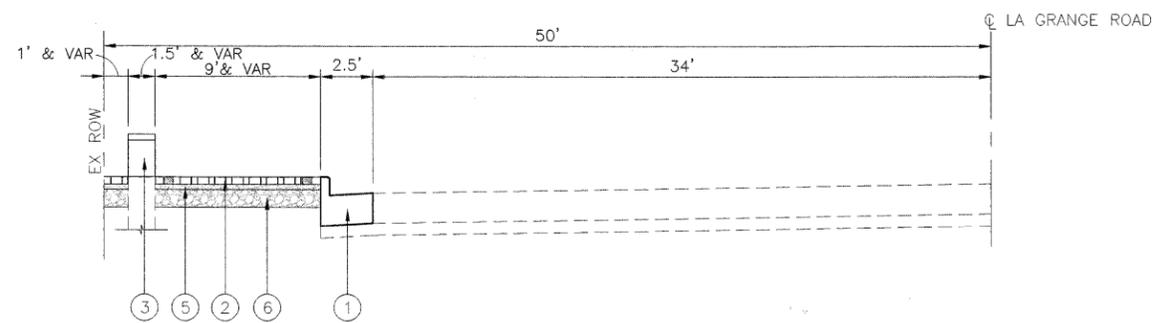
SCALE: STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 63059			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

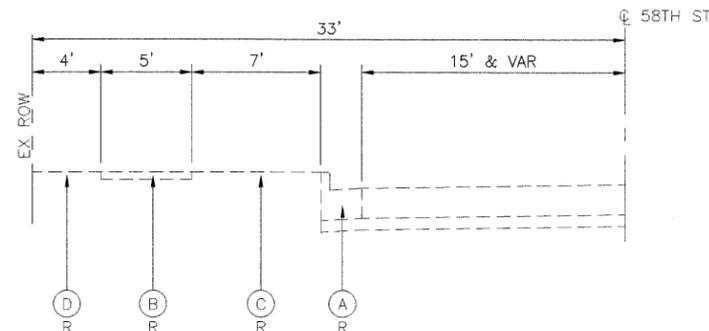
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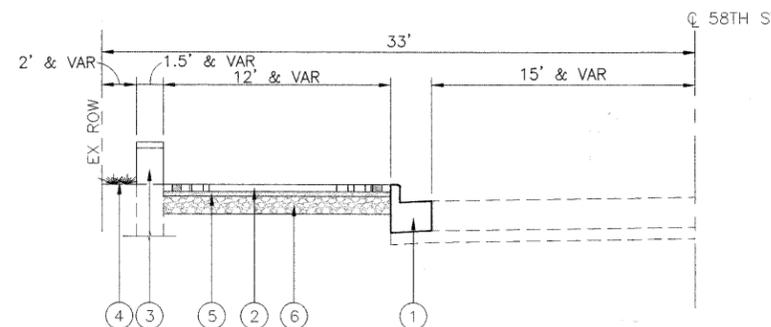
1 EXISTING 58TH ST INTERSECTION-WEST SIDE
(FACING NORTH ALONG LA GRANGE ROAD)



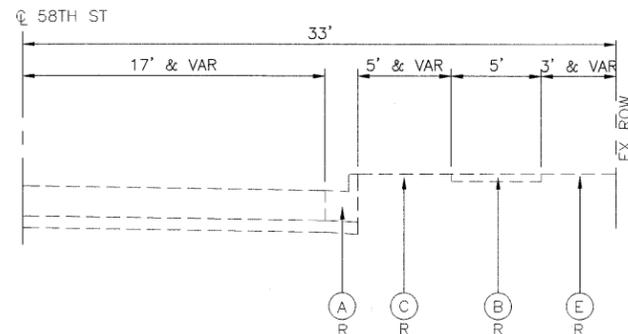
2 PROPOSED 58TH ST INTERSECTION-WEST SIDE
(FACING NORTH ALONG LA GRANGE ROAD)



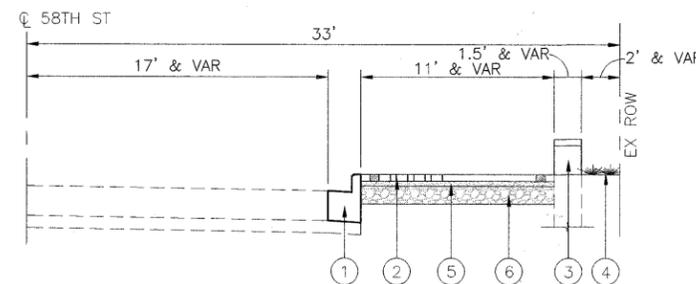
3 EXISTING 58TH ST INTERSECTION-NORTH EAST CORNER
(FACING EAST ALONG 58TH ST)



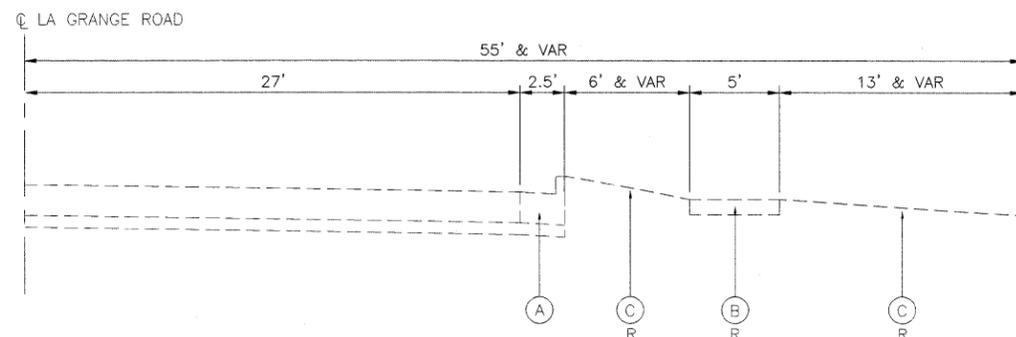
4 PROPOSED 58TH ST INTERSECTION-NORTH EAST CORNER
(FACING EAST ALONG 58TH ST)



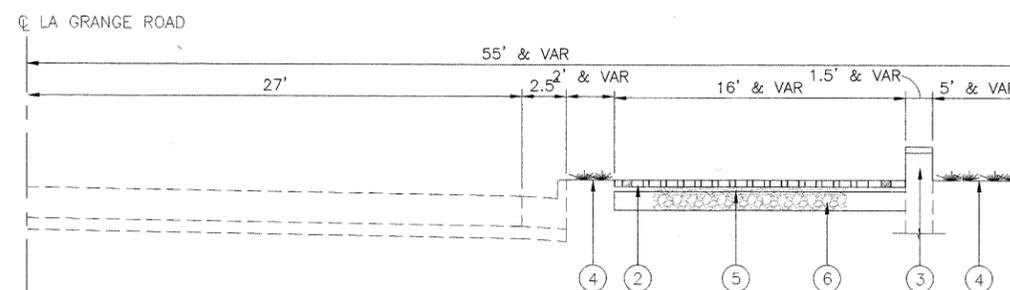
5 EXISTING 58TH ST INTERSECTION-SOUTH EAST CORNER
(FACING EAST ALONG 58TH ST)



6 PROPOSED 58TH ST INTERSECTION-SOUTH EAST CORNER
(FACING EAST ALONG 58TH ST)



7 EXISTING 59TH ST-EAST SIDE
(FACING NORTH ALONG LA GRANGE ROAD)



8 PROPOSED 59TH ST-EAST SIDE
(FACING NORTH ALONG LA GRANGE ROAD)

- EXISTING LEGEND**
- (A) COMBINATION CONCRETE CURB AND GUTTER
 - (B) PCC SIDEWALK
 - (C) GRASS PARKWAY
 - (D) STONE PAVEMENT
 - (E) BITUMINOUS PAVEMENT
 - (F) CONCRETE HEADWALL WITH SIDEWALK SLAB
 - (G) METAL RAILING
 - (H) CONCRETE CULVERT
 - R REMOVAL (SEE NOTE 2)

- PROPOSED LEGEND**
- (1) COMBINATION CONCRETE CURB AND GUTTER (B-6.12 OR B-6.24 & VAR) (SEE NOTE 2)
 - (2) BRICK PAVERS (SEE NOTE 1)
 - (3) SEAT WALL WITH PYLON (SEE NOTE 1)
 - (4) LANDSCAPING (SEE NOTE 1)
 - (5) BEDDING SAND (SEE NOTE 1)
 - (6) AGGREGATE BASE (SEE NOTE 1)

- NOTES:**
- SEE LANDSCAPING SHEETS FOR DETAILS
 - SEE CIVIL PLAN SHEETS FOR EXACT LIMITS OF REMOVAL ITEMS AND PROPOSED SIDEWALK, PAVEMENT, CURB & GUTTER

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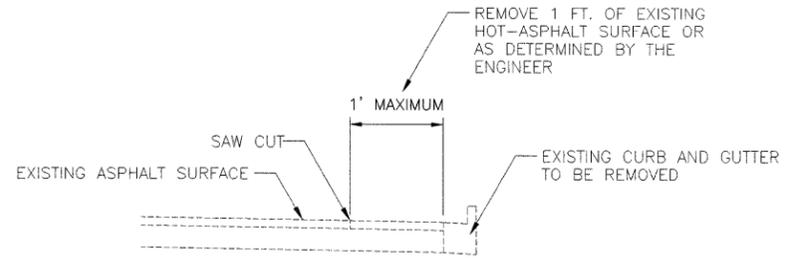
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	PLOT DATE = 8/22/08	DATE -- 4/30/09	REVISED --

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS
58TH & 59TH STREET INTERSECTIONS**

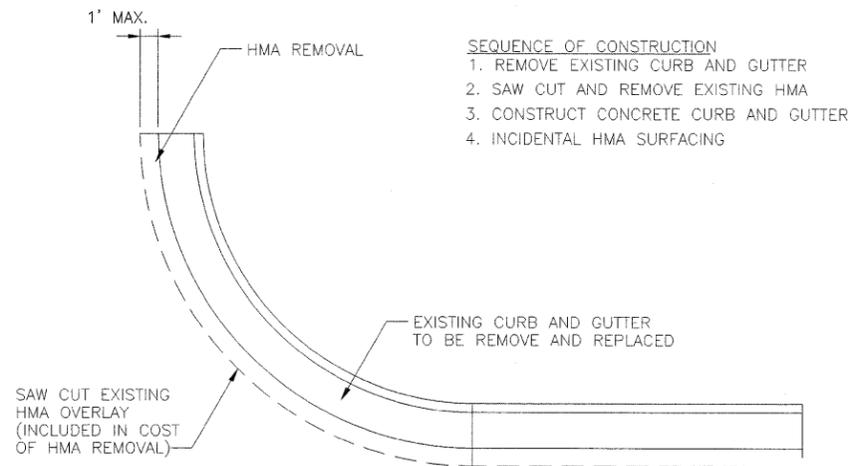
SCALE: STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	07-00035-00-LS	COOK	42	5
CONTRACT NO. 63059				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

1. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT THE HMA SURFACE REMOVAL IS MEASURED IN SQ. YD. AND THE INCIDENTAL HMA SURFACE IS MEASURED IN TONS.
2. COST ESTIMATE IS BASED ON THE MAXIMUM REMOVAL AND REPLACEMENT OF THE HMA.



SEQUENCE OF CONSTRUCTION

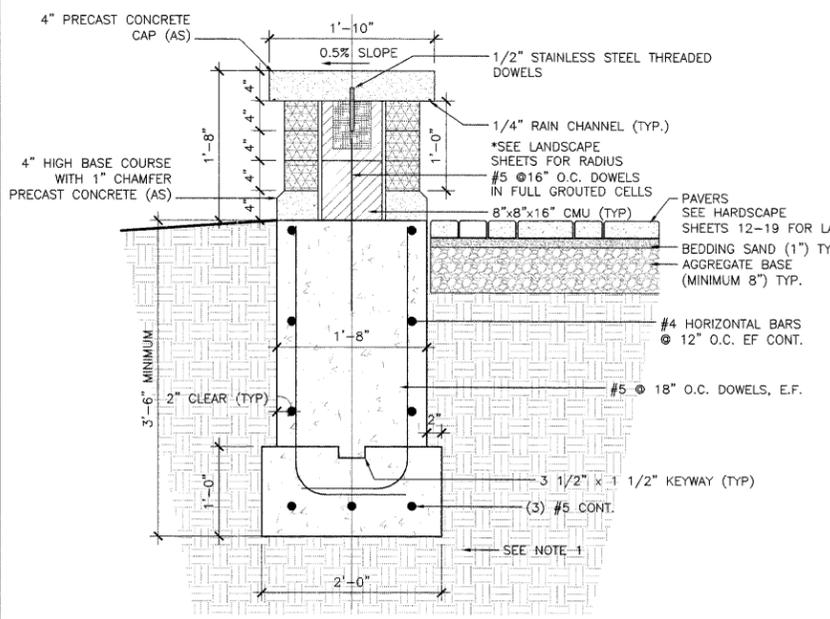
1. REMOVE EXISTING CURB AND GUTTER
2. SAW CUT AND REMOVE EXISTING HMA
3. CONSTRUCT CONCRETE CURB AND GUTTER
4. INCIDENTAL HMA SURFACING

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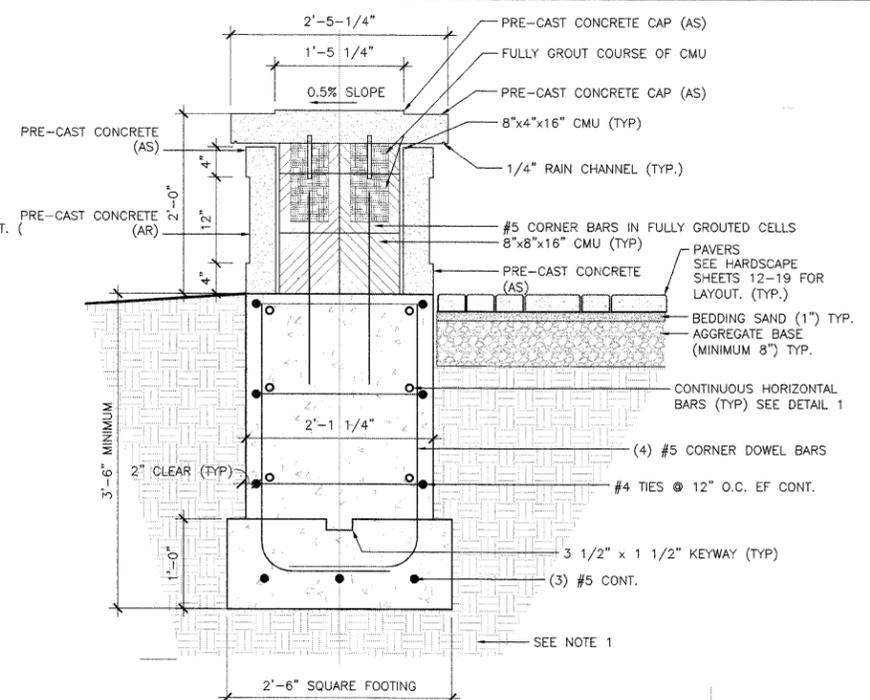
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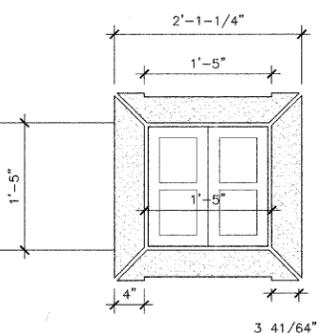
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		DATE -- 4/30/09	REVISED --			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					
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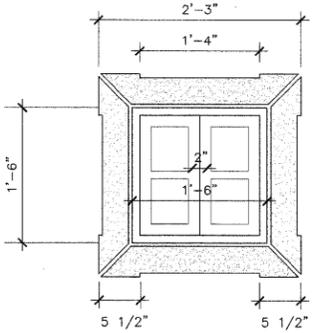
1 SEATWALL DETAIL
SCALE 1"=1'-0"



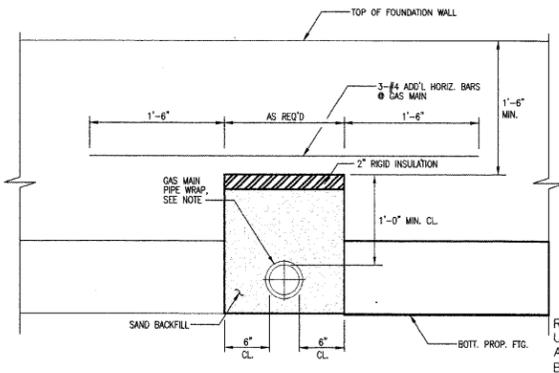
2 PILLAR DETAIL
SCALE 1"=1'-0"



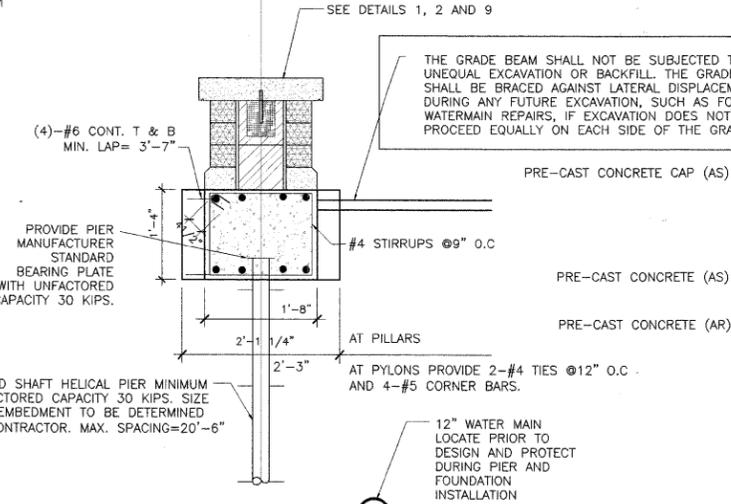
3 PILLAR SECTION
SCALE 1"=1'-0"



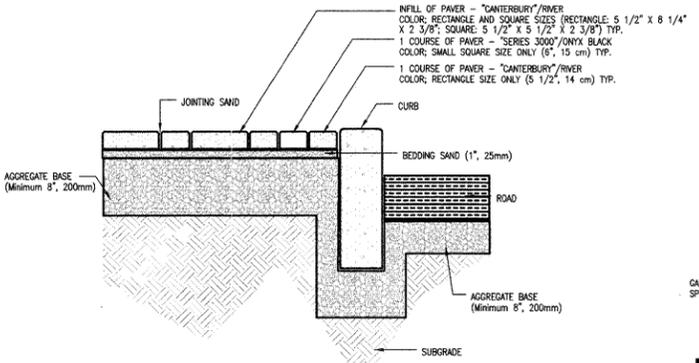
4 PYLON SECTION
SCALE 1"=1'-0"



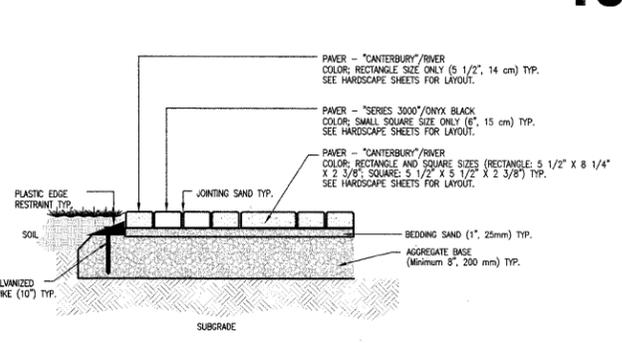
5 UTILITY RUNNING THROUGH CONCRETE (TYP)
SCALE 1"=1'-0"



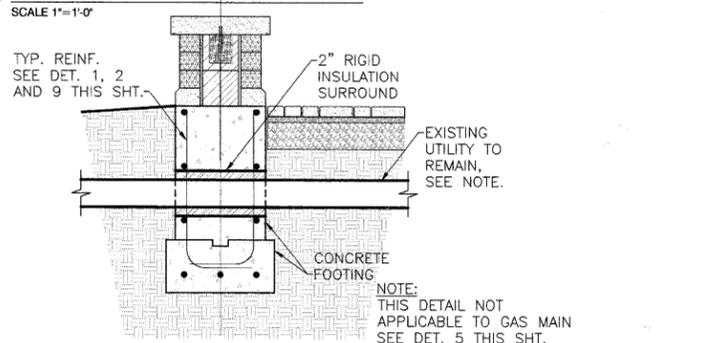
10 GRADE BEAM AT 58TH STREET INTERSECTION WEST SIDE - SEATWALL
SCALE 1"=1'-0"



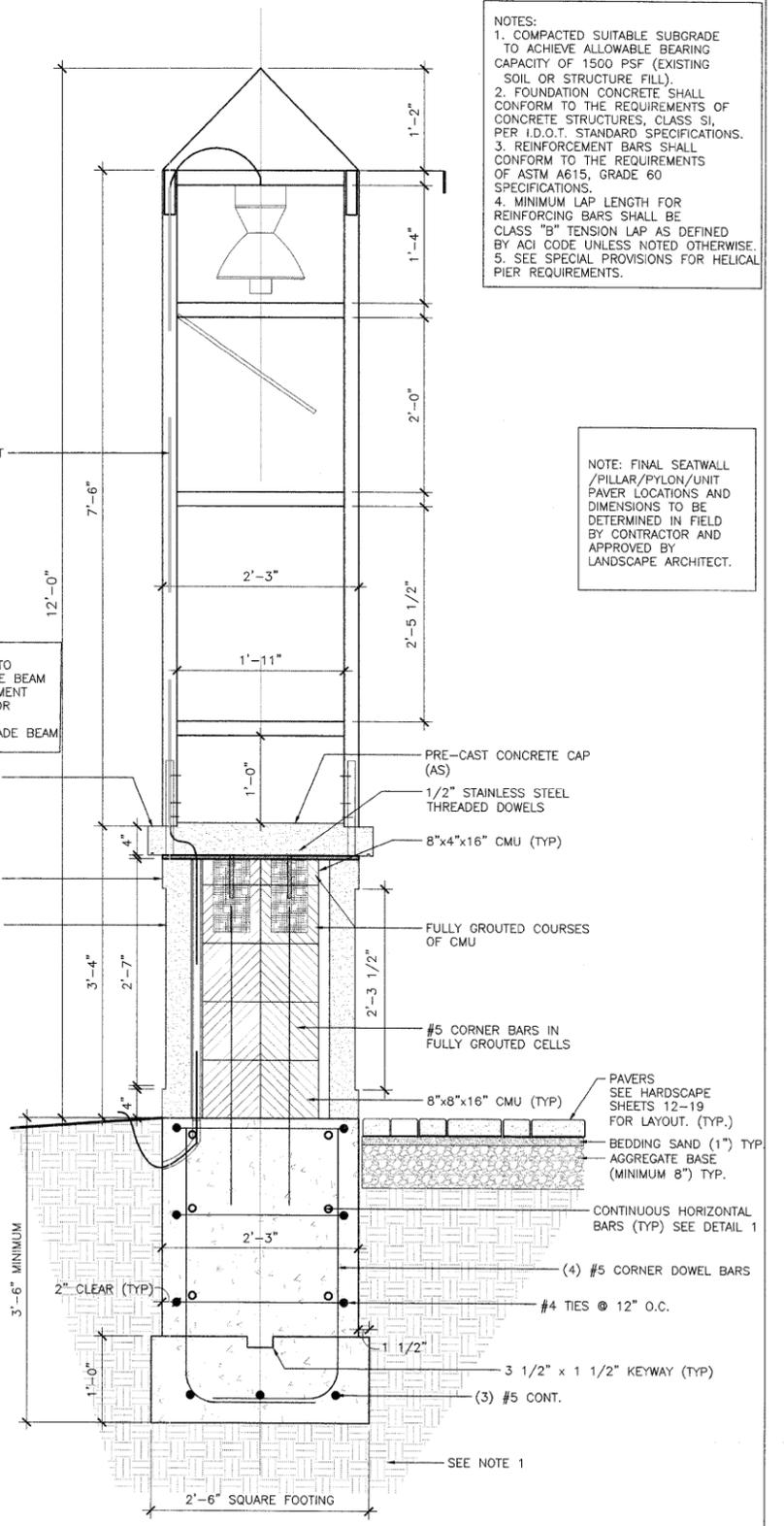
6 UNIT PAVER/CURB DETAIL
SCALE 1"=1'-0"



7 UNIT PAVER/PLANTING EDGE DETAIL
SCALE 1"=1'-0"



8 TYPICAL DETAIL FOR UTILITIES RUNNING THROUGH CONCRETE WALL
SCALE 1"=1'-0"



9 PYLON DETAIL
SCALE 1"=1'-0"

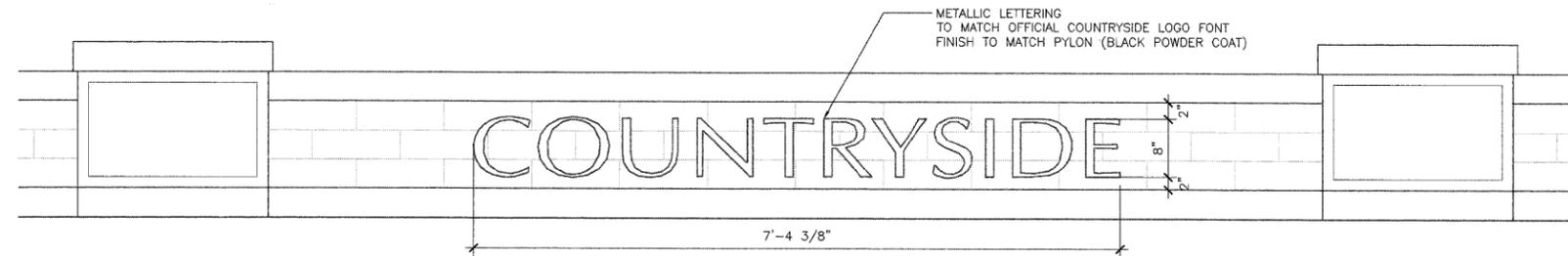
NOTES:
1. COMPACTED SUITABLE SUBGRADE TO ACHIEVE ALLOWABLE BEARING CAPACITY OF 1500 PSF (EXISTING SOIL OR STRUCTURE FILL).
2. FOUNDATION CONCRETE SHALL CONFORM TO THE REQUIREMENTS OF CONCRETE STRUCTURES, CLASS SI, PER I.D.O.T. STANDARD SPECIFICATIONS.
3. REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A615, GRADE 60 SPECIFICATIONS.
4. MINIMUM LAP LENGTH FOR REINFORCING BARS SHALL BE CLASS "B" TENSION LAP AS DEFINED BY ACI CODE UNLESS NOTED OTHERWISE.
5. SEE SPECIAL PROVISIONS FOR HELICAL PIER REQUIREMENTS.

NOTE: FINAL SEATWALL/PILLAR/PYLON/UNIT PAVER LOCATIONS AND DIMENSIONS TO BE DETERMINED IN FIELD BY CONTRACTOR AND APPROVED BY LANDSCAPE ARCHITECT.

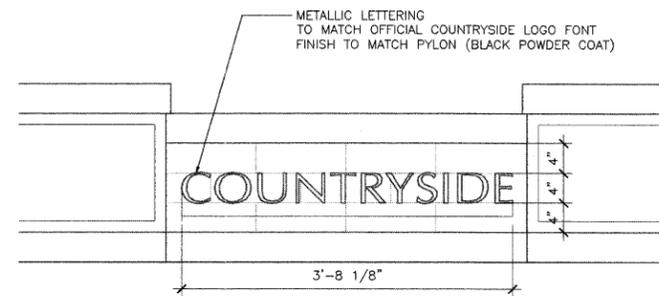
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		DRAWN -- ICJ	REVISED --			SCALE:	STA.	TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT
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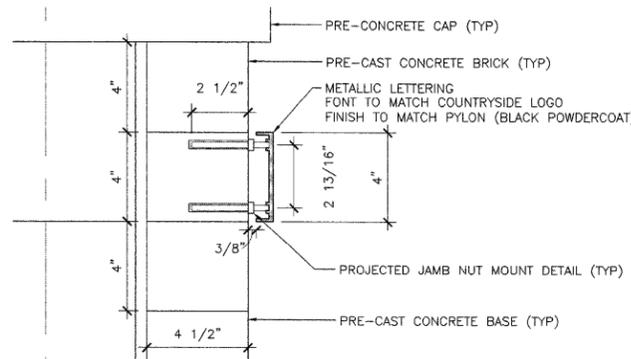
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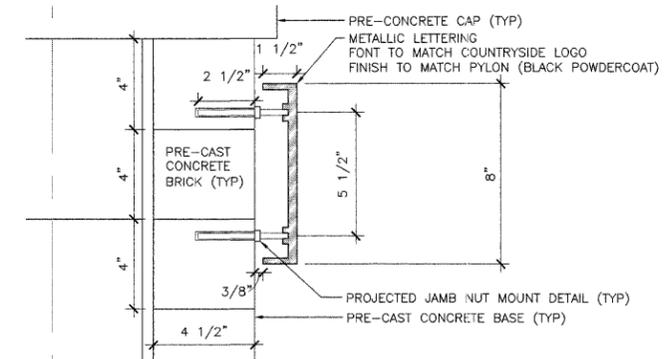
1 SIGNAGE DETAIL AT 58TH STREET WEST WALL
SCALE 1"=1'-0"



3 SIGNAGE DETAIL AT WALLS 57TH STREET NE & SW
SCALE 1"=1'-0"

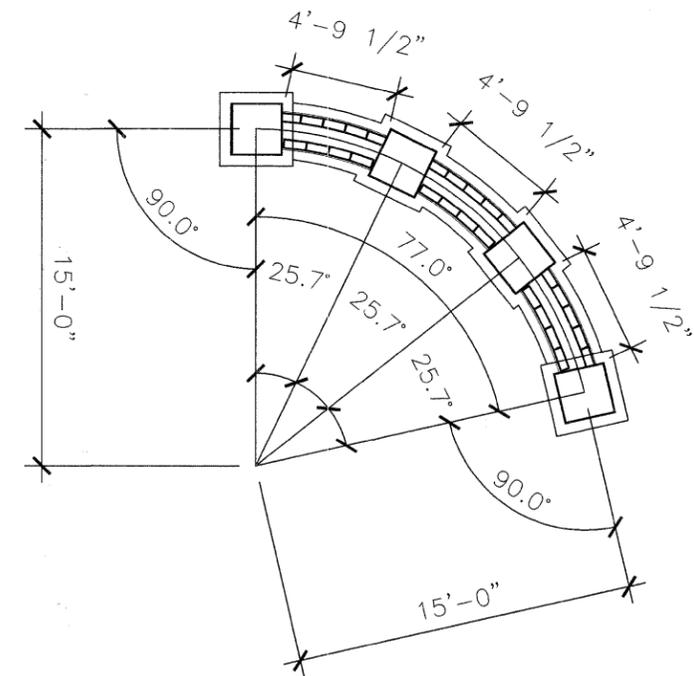


4 SIGNAGE MOUNTING DETAIL AT 57TH STREET NE & SW
SCALE 3"=1'-0"

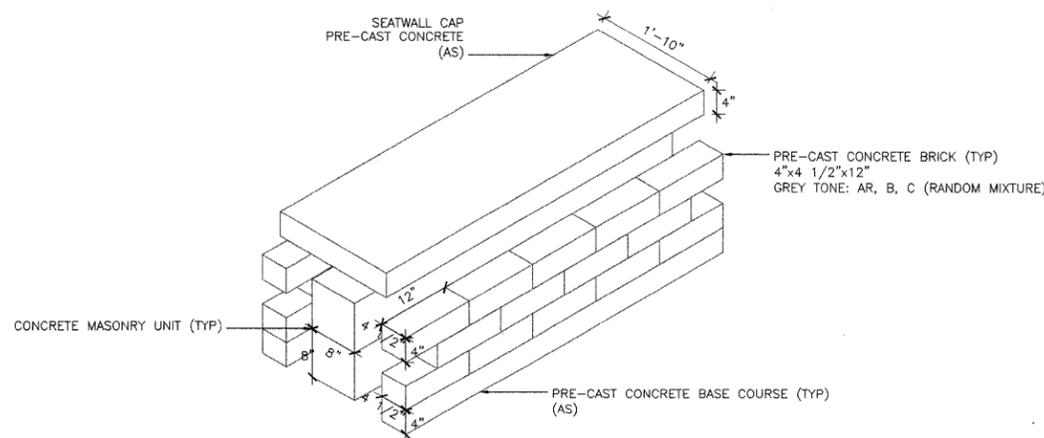


2 SIGNAGE MOUNTING DETAIL AT 58TH STREET
SCALE 3"=1'-0"

NOTE: FINAL SEATWALL/PILLAR/PYLON/UNIT PAVER/SIGNAGE LOCATIONS AND DIMENSIONS TO BE DETERMINED IN FIELD BY CONTRACTOR AND APPROVED BY LANDSCAPE ARCHITECT.



7 TYPICAL CURVED WALL DETAIL (57TH STREET INTERSECTION)
SCALE 1/4"=1'-0"



5 TYPICAL SEATWALL ISOMETRIC VIEW
SCALE 1"=1'-0"

MATERIAL	COLOR	FINISH
AR	WHITE	ROUGH
AS	WHITE	SMOOTH
B	BUFF	ROUGH
C	LIGHT GREY	ROUGH

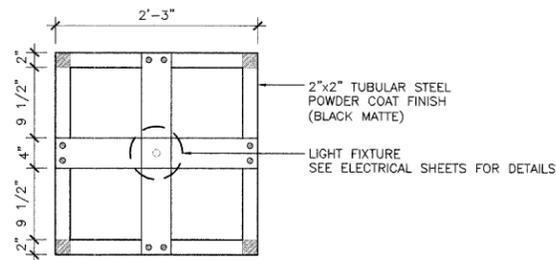
*NOTE: COLORS AND FINISHES TO BE CHOSEN PER AWARDED CONTRACT

6 MASONRY COLORS AND FINISHES
SCALE NTS

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	PLOT DATE = 8/22/08	CHECKED -- BS	REVISED --			CONTRACT NO. 63059					
		DATE -- 4/30/09	REVISED --			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

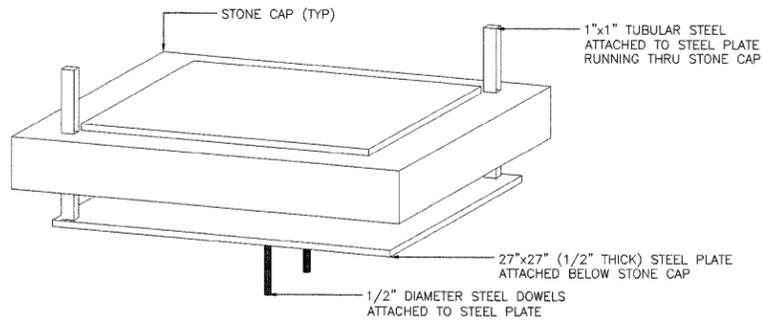
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TELEPHONE: 312/616-0000

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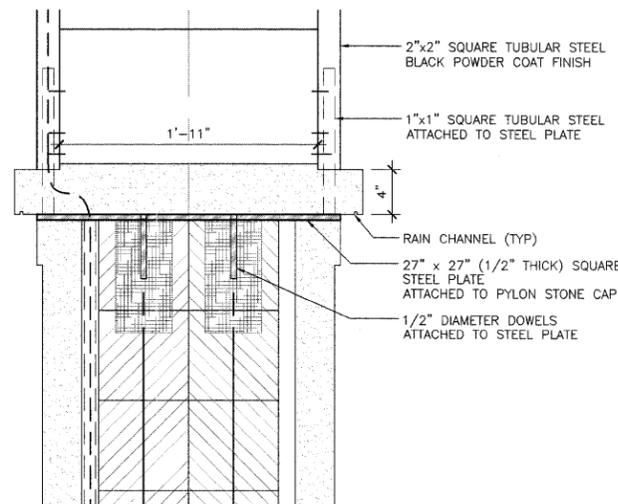
1 LIGHTING FIXTURE MOUNTING DETAIL

SCALE 1"=1'-0"



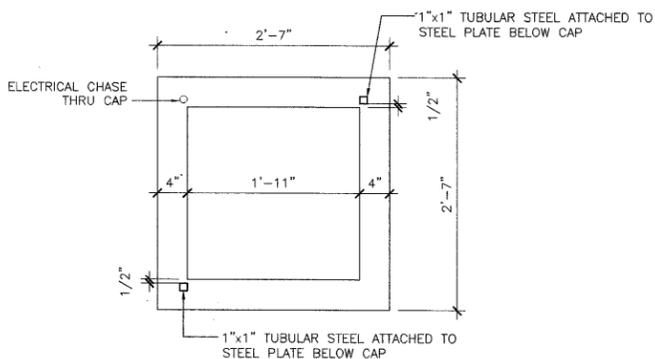
2 PYLON CAP/TUBULAR STEEL FRAME CONNECTION

SCALE: NOT TO SCALE



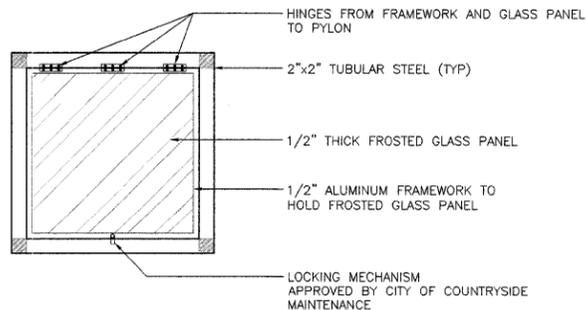
3 PYLON CAP/TUBULAR STEEL CONNECTION 2

SCALE 1 1/2"=1'-0"



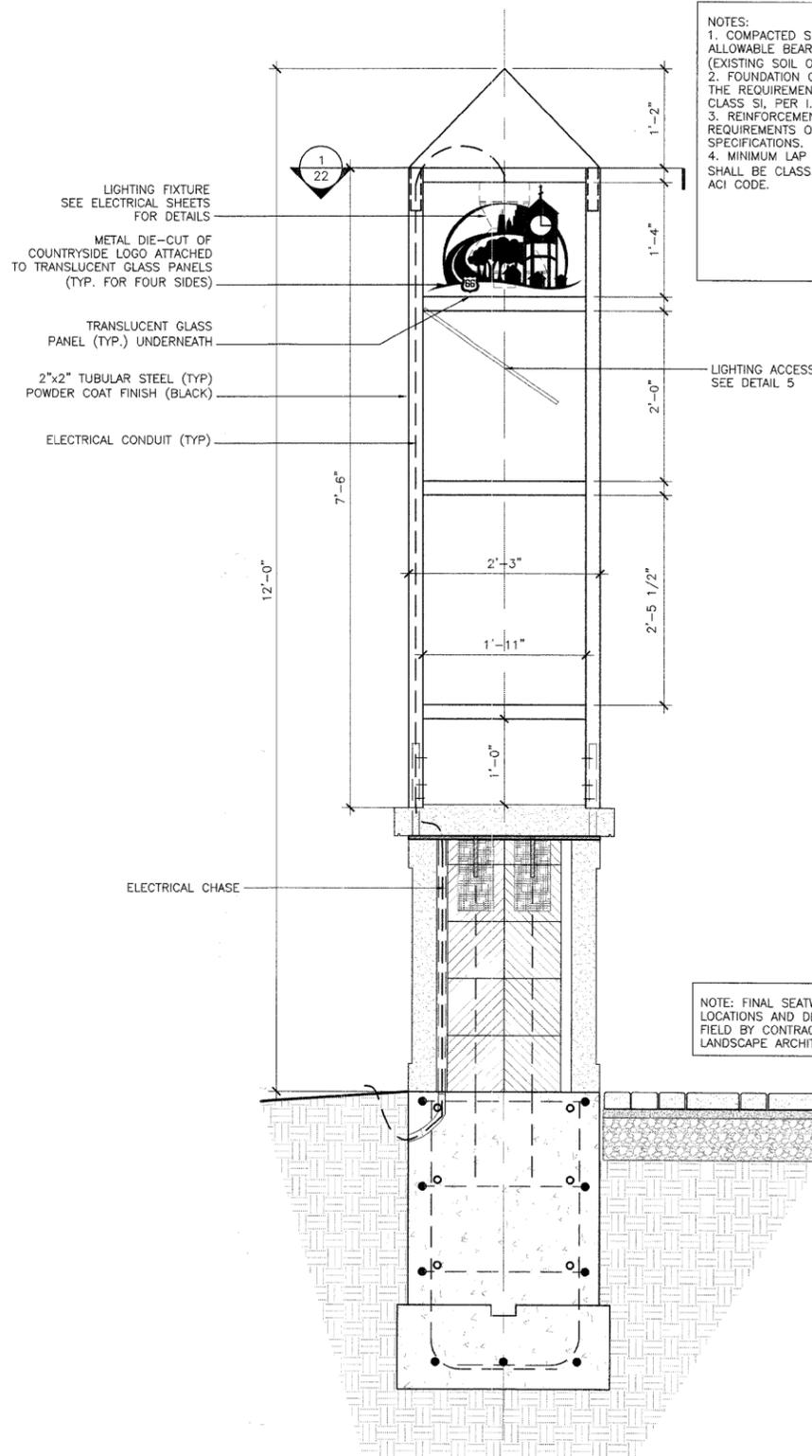
4 PYLON CAP DETAIL

SCALE 1"=1'-0"



5 LIGHTING ACCESS DETAIL

SCALE 1"=1'-0"



6 PYLON DETAIL

SCALE 1"=1'-0"

NOTES:
 1. COMPACTED SUITABLE SUBGRADE TO ACHIEVE ALLOWABLE BEARING CAPACITY OF 1500 PSF (EXISTING SOIL OR STRUCTURE FILL).
 2. FOUNDATION CONCRETE SHALL CONFORM TO THE REQUIREMENTS OF CONCRETE STRUCTURES, CLASS SI, PER I.D.O.T. STANDARD SPECIFICATIONS.
 3. REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A615, GRADE 60 SPECIFICATIONS.
 4. MINIMUM LAP LENGTH FOR REINFORCING BARS SHALL BE CLASS "B" TENSION LAP AS DEFINED BY ACI CODE.

NOTE: FINAL SEATWALL/PILLAR/PYLON/UNIT PAVER LOCATIONS AND DIMENSIONS TO BE DETERMINED IN FIELD BY CONTRACTOR AND APPROVED BY LANDSCAPE ARCHITECT.

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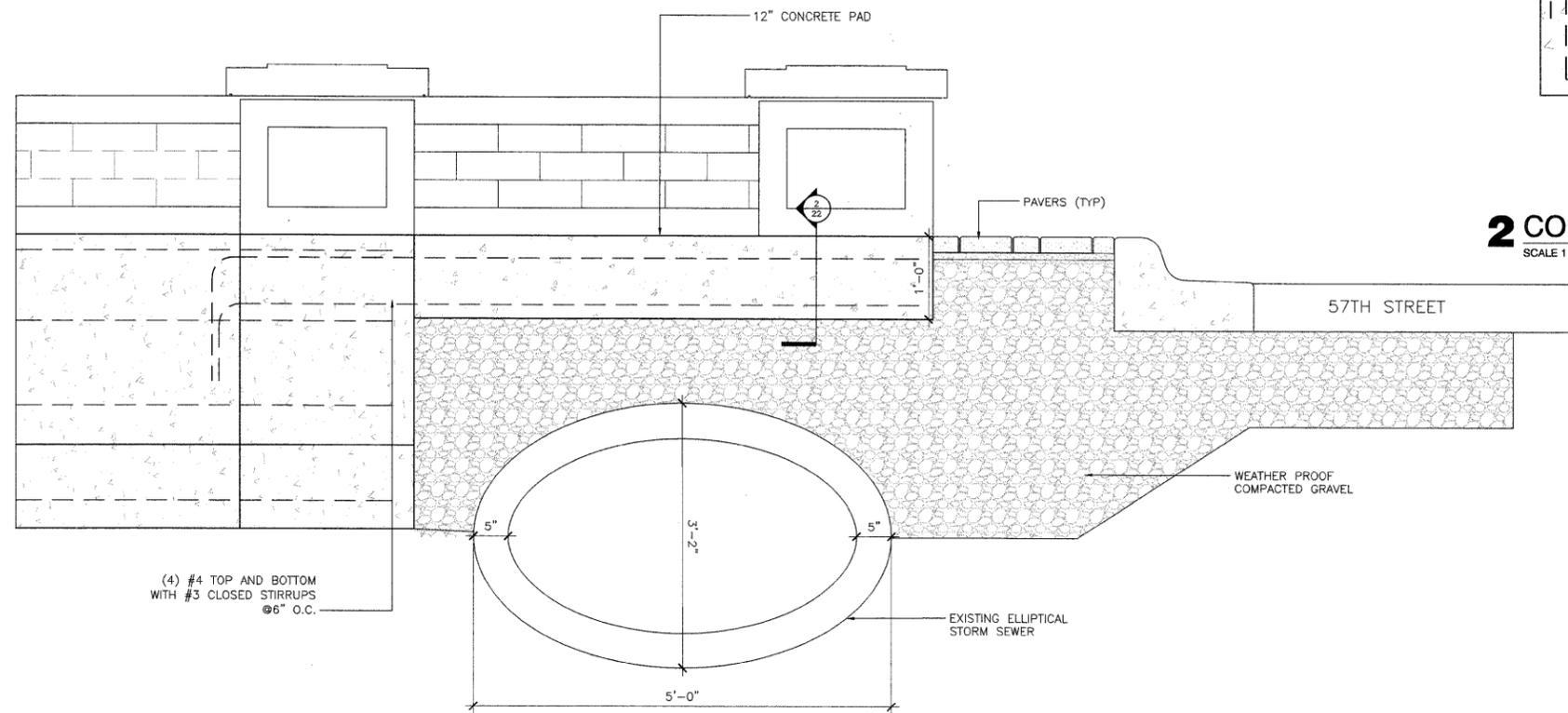
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

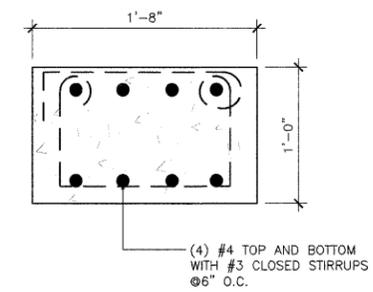
PYLON DETAILS		
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	07-00035-00-LS	COOK	42	22
CONTRACT NO. 63059				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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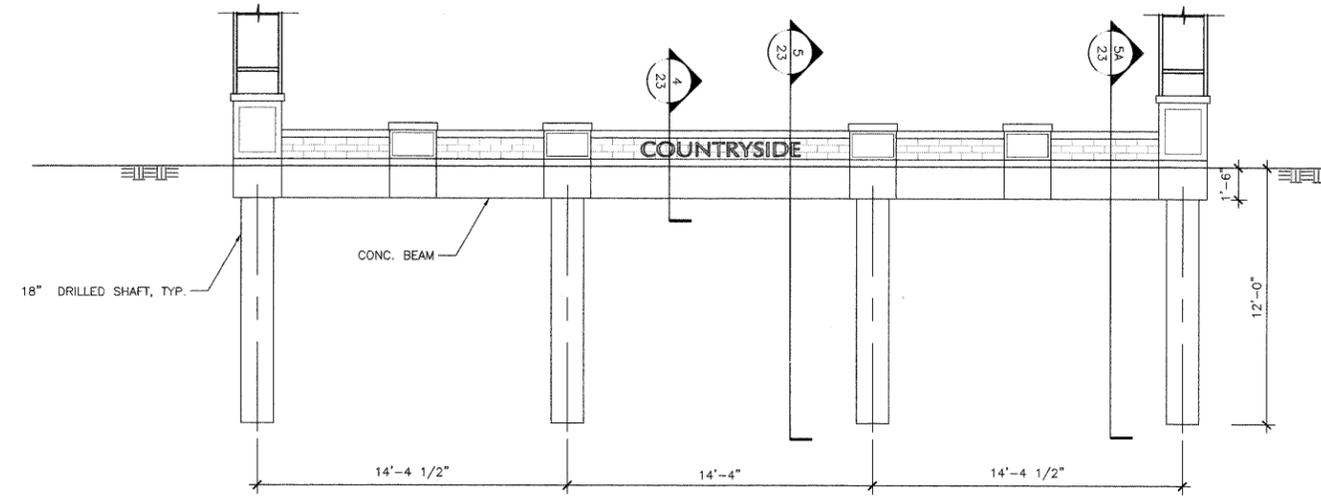
1 FOUNDATION DETAIL FOR SEATWALL AND COLUMN AT 57TH SW
SCALE 1"=1'-0"



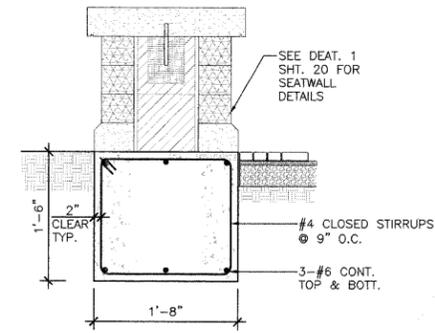
2 CONCRETE PAD DETAIL
SCALE 1 1/2"=1'-0"

NOTES:
1. COMPACTED SUITABLE SUBGRADE TO ACHIEVE ALLOWABLE BEARING CAPACITY OF 1500 PSF (EXISTING SOIL OR STRUCTURE FILL).
2. FOUNDATION CONCRETE SHALL CONFORM TO THE REQUIREMENTS OF CONCRETE STRUCTURES, CLASS S1, PER I.D.O.T. STANDARD SPECIFICATIONS.
3. REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A615, GRADE 60 SPECIFICATIONS.
4. MINIMUM LAP LENGTH FOR REINFORCING BARS SHALL BE CLASS "B" TENSION LAP AS DEFINED BY ACI CODE.

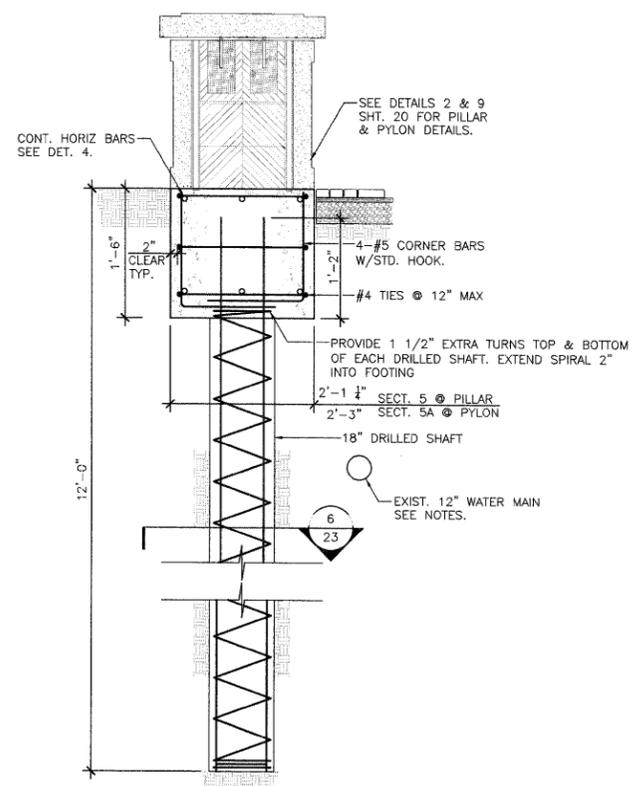
NOTE: FINAL SEATWALL/PILLAR/PYLON/UNIT PAVER LOCATIONS AND DIMENSIONS TO BE DETERMINED IN FIELD BY CONTRACTOR AND APPROVED BY LANDSCAPE ARCHITECT.



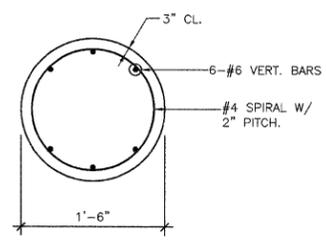
3 FOUNDATION ELEVATION @ 58TH STREET - WEST SIDE
SCALE 1/8"=1'-0"



4 SECTION THRU SEATWALL
SCALE N.T.S.



5, 5A SECTION THRU PILLAR & PYLON
SCALE N.T.S.



6 SECTION
SCALE N.T.S.

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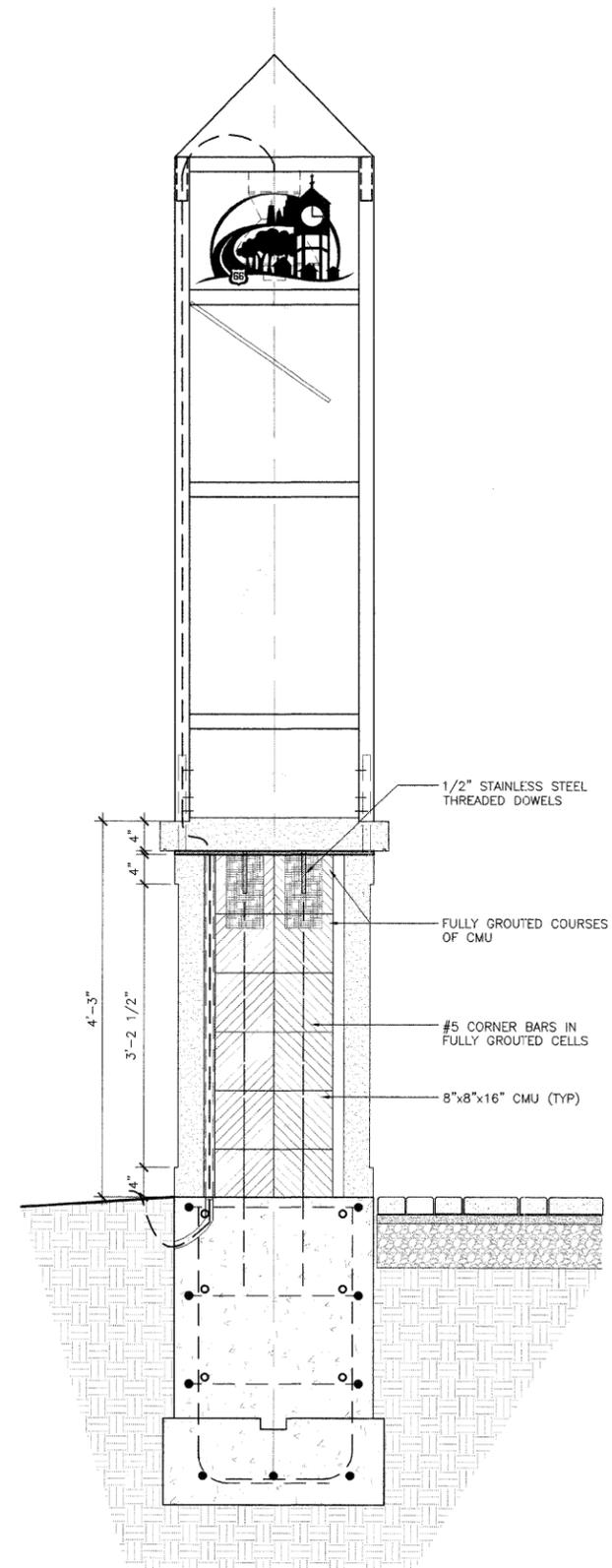
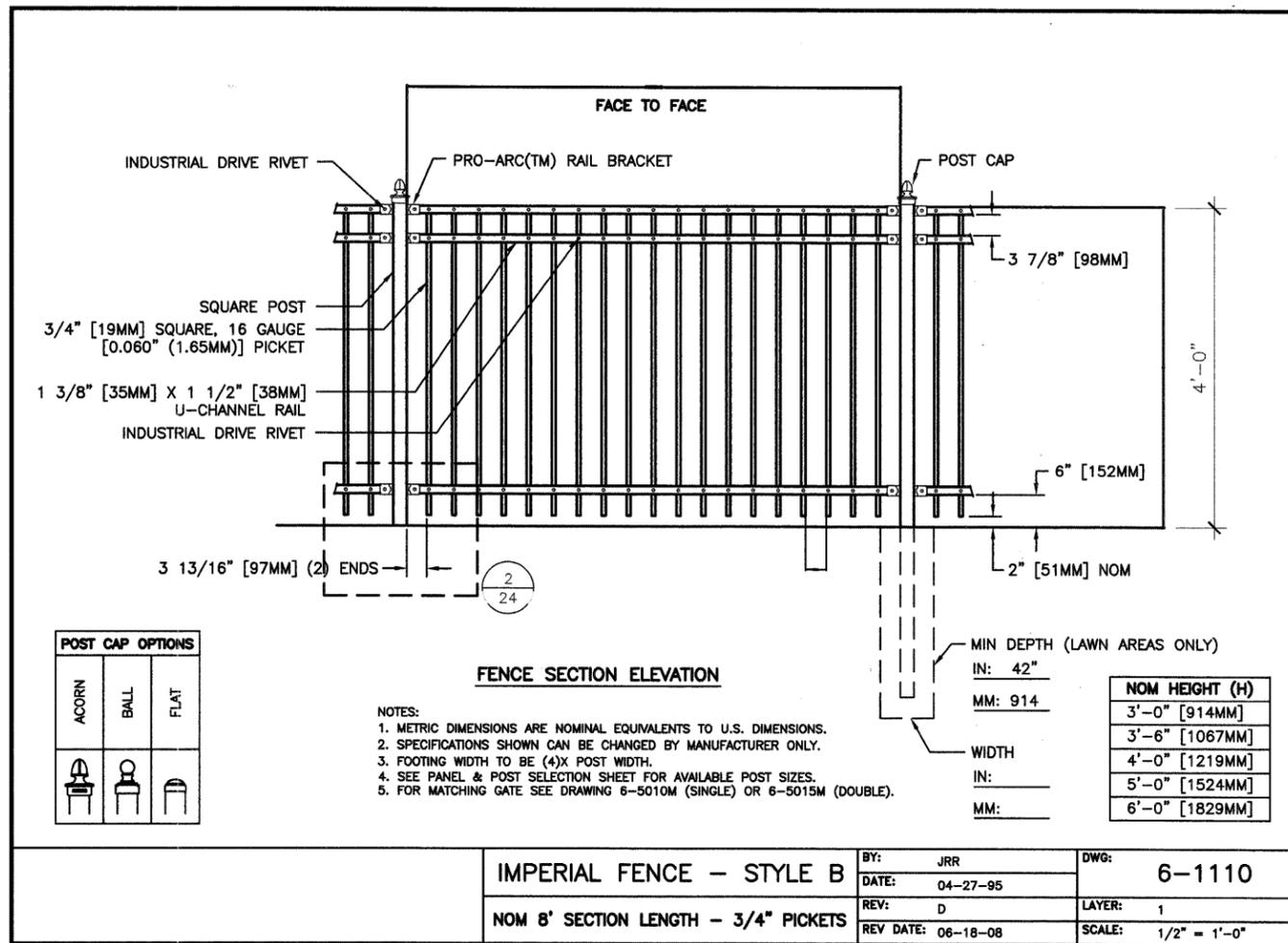
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**57TH SW INTERSECTION
SEATWALL FOUNDATION DETAIL.**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	07-00035-00-LS	COOK	42	23
CONTRACT NO. 63059				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

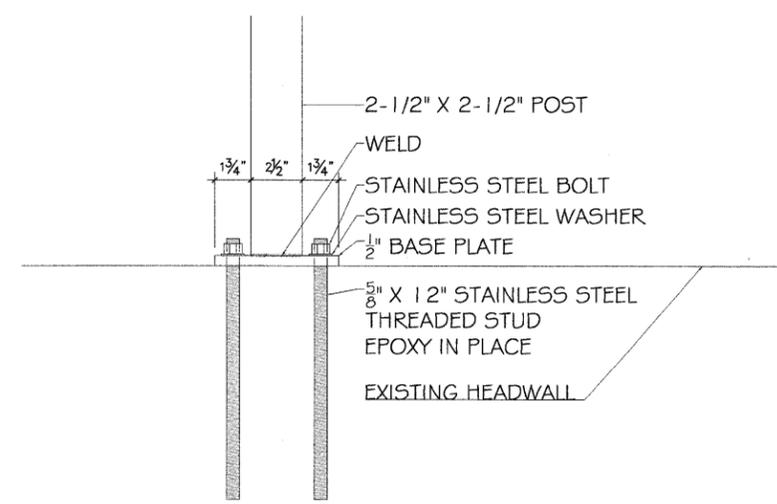
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ENGINEERS/ARCHITECTS/PLANNERS
205 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312/616-0000

NOTE: FINAL SEATWALL/PILLAR/PYLON/UNIT PAVER/SIGNAGE LOCATIONS AND DIMENSIONS TO BE DETERMINED IN FIELD BY CONTRACTOR AND APPROVED BY LANDSCAPE ARCHITECT.



3 59TH STREET PYLON DETAIL
SCALE: 1" = 1'-0"

1 59TH STREET FENCING DETAIL - (IMPERIAL FENCE B)
NOT TO SCALE



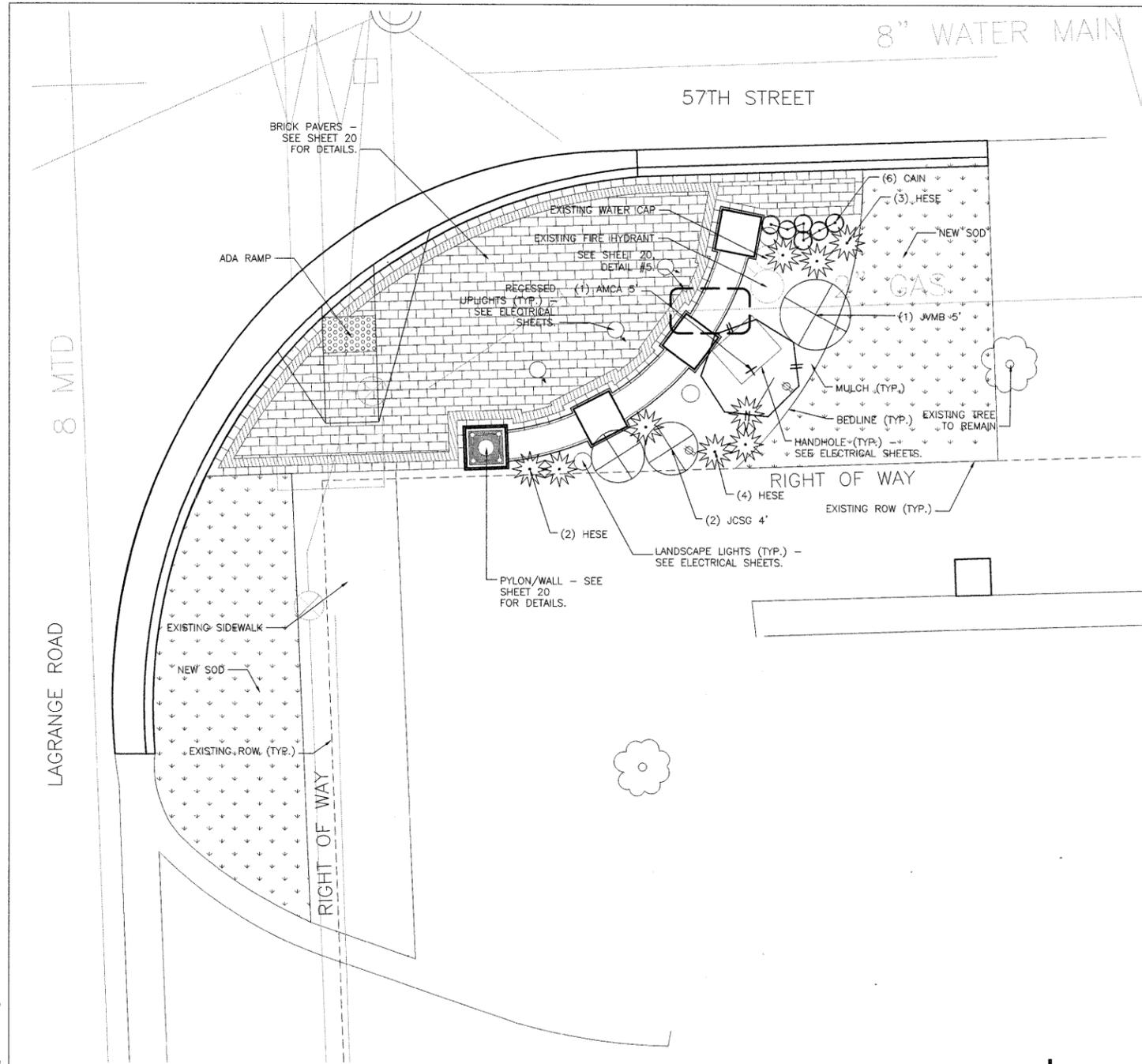
2 59TH STREET FENCING MOUNTING ON HEADWALL DETAIL
NOT TO SCALE

FILE NAME = \$FILEL\$	USER NAME = \$USER\$	DESIGNED --	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	59TH STREET PYLON DETAILS WALL DETAILS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = \$SCALE\$	DRAWN -- ICJ	REVISED --			RTE.	07-00035-00-LS	COOK	42	24	
	PLOT DATE = 8/22/08	CHECKED -- BS	REVISED --			CONTRACT NO. 63059					
		DATE -- 4/30/09	REVISED --			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

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1 57TH STREET INTERSECTION - SOUTHEAST QUADRANT - LANDSCAPE PLAN

SCALE 1/4" = 1'-0"

PROPOSED PLANT SCHEDULE

Abbr.	Qty.	Botanic Name	Common Name	Size	Remarks
ORNAMENTAL TREES					
AMCA	1	Amelanchier canadensis	Downy Serviceberry	5' ht.	BB - MULTISTEM
EVERGREEN TREES					
JVMB	1	Juniperus virginiana 'Manhattan Blue'	Eastern Red Cedar	5' ht.	BB
EVERGREEN SHRUBS					
JCSG	2	Juniperus chinensis 'Sea Green'	Chinese Juniper	4' Spread	BB
PERENNIALS/GROUNDCOVERS					
HESE	9	Helictotrichon sempervirens	Blue Oat Grass	2 Gallon	CG
CAIN	6	Callirhoe involuctra	Winecup	Quart	CG

SOD = APPROX. 362 SQ. FT.

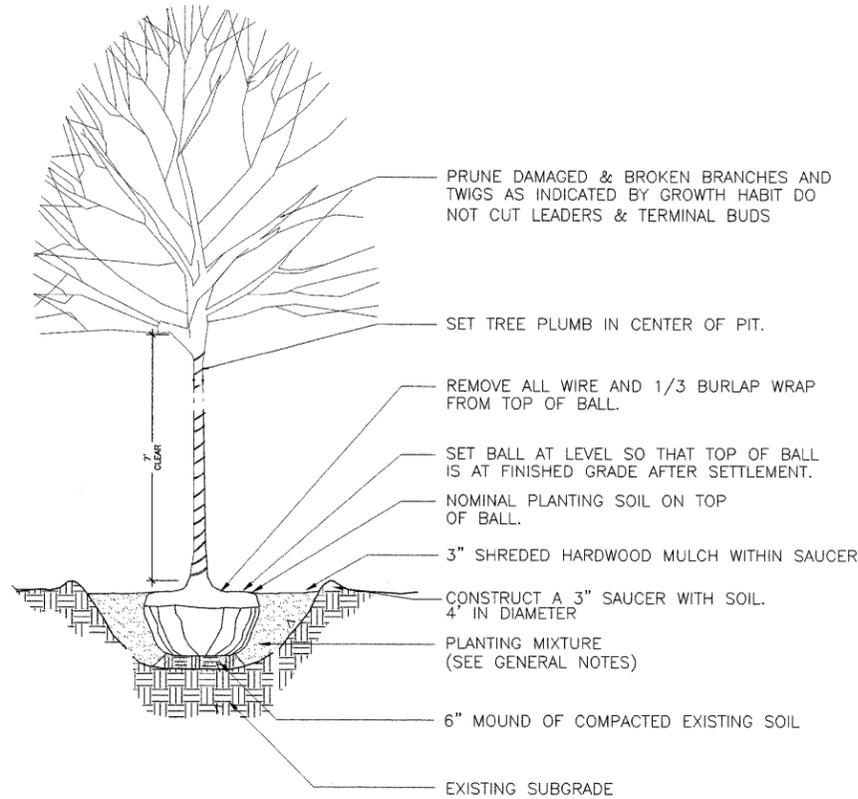


NOTE:
SEE SHEET 25 FOR GENERAL LANDSCAPE INSTALLATION NOTES.

NOTE:
PLANT SPACING VARIES AS INDICATED BY LANDSCAPE PLAN.

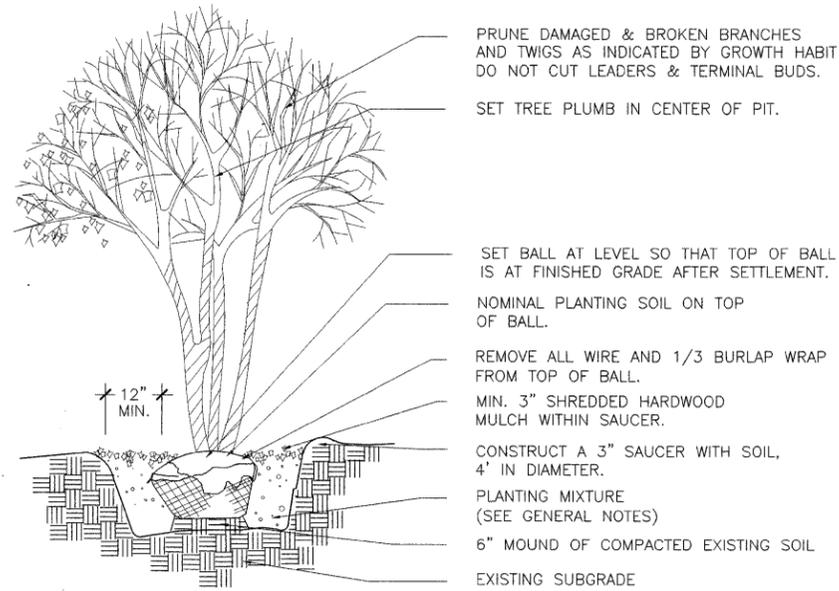
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		DATE - 4/30/09	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

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1 SHADE TREE PLANTING DETAIL

NOT TO SCALE

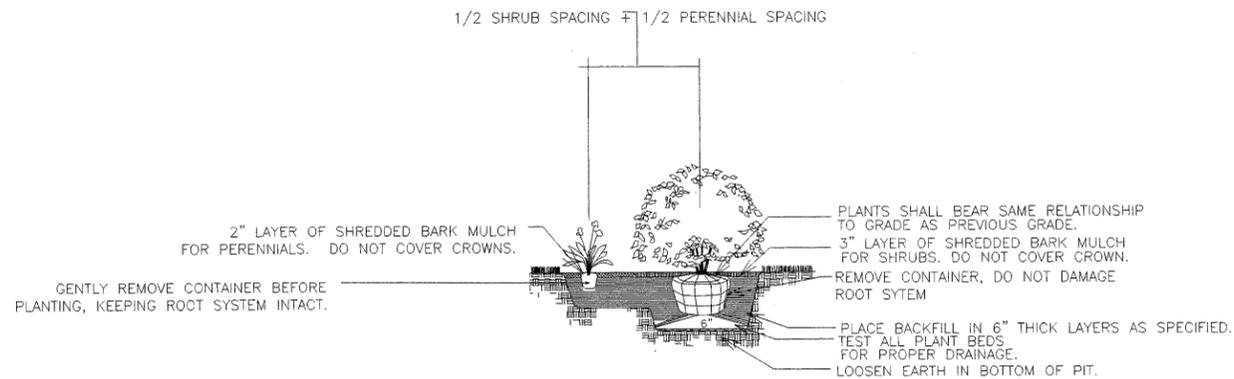


2 ORNAMENTAL TREE/LARGE SHRUB PLANTING DETAIL

NOT TO SCALE

PROPOSED PLANT SCHEDULE - PROJECT EXTENTS

SHADE TREES					
Abbr.	Qty.	Botanic Name	Common Name	Size	Remarks
TADI	3	<i>Taxodium distichum</i>	Bald Cypress	2" cal.	BB
TADI	2	<i>Taxodium distichum</i>	Bald Cypress	3.5" cal.	BB
ORNAMENTAL TREES					
AMCA	4	<i>Amelanchier canadensis</i>	Downy Serviceberry	5' ht.	BB- MULTISTEM
EVERGREEN TREES					
JVMB	2	<i>Juniperus virginiana</i> 'Manhattan Blue'	Eastern Red Cedar	5' ht.	BB
DECIDUOUS SHRUBS					
CSCA	7	<i>Cornus sericea</i> 'Cardinal'	Redtwig Dogwood	30" ht.	BB or CG
SPMK	2	<i>Syringa patula</i> 'Miss Kim'	Manchurian Lilac	30" ht.	BB or CG
EVERGREEN SHRUBS					
JCSG	7	<i>Juniperus chinensis</i> 'Sea Green'	Chinese Juniper	4' Spread	BB or CG
PERENNIALS/GROUNDCOVERS					
CAIN	69	<i>Callirhoe involucrata</i>	Winecup	Quart	CG
EF	235	<i>Euonymus fortunei</i> var. 'Coloratus'	Purple Wintercreeper	Quart	CG
HESE	68	<i>Helictotrichon sempervirens</i>	Blue Oat Grass	2 GALLON	CG
LBDS	8	<i>Lonicera x brownii</i> 'Dropmore Scarlet'	Scarlet Trumpet Honeysuckle	1 GALLON	CG
PEAT	16	<i>Perovskia atriplicifolia</i> 'Little Spire'	Russian Sage	1 GALLON	CG



3 SHRUB/PERENNIAL/GROUNDCOVER PLANTING DETAIL

NOT TO SCALE

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	PLOT DATE = 8/22/08	CHECKED -- BS	REVISED --			CONTRACT NO. 63059					
		DATE -- 4/30/09	REVISED --			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

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GENERAL NOTES:

- NOT USED
- NOT USED
- THE ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE I.D.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND ASSOCIATED SUPPLEMENTAL CONDITIONS.
- NOT USED
- THE CONTRACTOR SHALL FURNISH AND INSTALL LUMINAIRE LAMPS IN ACCORDANCE WITH THE SUPPLIER'S RECOMMENDATIONS AND IN ACCORDANCE WITH THE SPECIFICATIONS. THE COST OF THIS WORK AND MATERIAL SHALL BE INCLUDED IN THE APPLICABLE LUMINAIRE PAY ITEM. SEPARATE PAYMENT WILL NOT BE MADE.
- CONDUITS AND UNIT DUCTS SHALL BE INSTALLED AT A MINIMUM 36" DEPTH BELOW GRADE AND POSITIONED IN THE FIELD TO AVOID CONFLICT WITH ROADWAY DRAINS AND OTHER EXISTING AND PROPOSED UTILITIES. THE CONTRACTOR SHALL INCREASE DEPTH OF UNIT DUCT AND CONDUIT AS REQUIRED AT NO ADDITIONAL COST TO THE STATE/CITY. THE CONTRACTOR SHALL COORDINATE RACEWAY DEPTH WITH THE ELECTRICAL DETAILS AND THE ENGINEER.
- NOT USED
- NOT USED
- NOT USED
- ALL PITS USED FOR INSTALLING PUSHED (JACKED) STEEL CONDUITS UNDER EXISTING ROADWAYS SHALL BE LOCATED 1.53m (5 FT) MINIMUM CLEAR FROM THE EDGE OF SHOULDER. LOCATIONS OF THE CONDUIT CROSSINGS SHOWN ARE APPROXIMATE AND MAY BE SHIFTED AS NECESSARY TO MEET THE MINIMUM CLEARANCE REQUIREMENTS. EACH PIT SHALL BE ADEQUATELY GUARDED TO PROTECT THE MOTORISTS. THE CONTRACTOR SHALL SUBMIT DRAWINGS FOR THE LOCATION AND SIZE OF EACH PIT AND FOR THE MAINTENANCE AND PROTECTION OF TRAFFIC AT THE SITE OF EACH PIT. THE DRAWINGS SHALL BE APPROVED BY THE ENGINEER BEFORE THE EXCAVATION OF ANY PIT MAY BEGIN.
- NOT USED
- ALL EXISTING AREAS THAT ARE DAMAGED AS PART OF THIS WORK INCLUDING BUT NOT LIMITED TO: FENCING, CURB AND GUTTER, SIDEWALKS AND WHERE RESTORATION IS NOT COVERED BY APPLICABLE SECTIONS OF THE SPECIAL PROVISIONS, SHALL BE RESTORED TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST OF THE CONTRACT. SEPARATE PAYMENT WILL NOT BE MADE.
- WHERE THE CONTRACTOR'S EXCAVATION MEETS AN OBSTRUCTION OR EXISTING FOUNDATION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR DIRECTION IN WRITING PRIOR TO FURTHER EXCAVATION. THE CONTRACTOR SHALL RESTORE ANY DAMAGE TO EXISTING SYSTEMS OR UTILITIES AND REMOVE EXISTING OBSTRUCTIONS AND FOUNDATIONS TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE APPROPRIATE EXCAVATION PAY ITEM.
- EQUIPMENT GROUNDING CONDUCTORS SHALL BE SPLICED AND BONDED TO EACH JUNCTION BOX, PULL BOX, AND ALL OTHER ITEMS OF EQUIPMENT. ALL ENCLOSURES SHALL BE EQUIPPED WITH GROUND LUGS FOR GROUND WIRE TERMINATION WITHOUT DEGRADATION OF THE ENCLOSURE RATING.
- THE CONTRACTOR SHALL COORDINATE ALL PROPOSED ELECTRICAL CONNECTIONS, LIGHTING, UNITS, CONTROL EQUIPMENT AND /OR ANY OTHER WORK DEEMED NECESSARY BY THE ENGINEER TO ASSURE THAT ANY FUTURE OR CONCURRENT CONTRACT WORK PROCEEDS AS SCHEDULED AND WITHOUT DELAY. THIS COORDINATION SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
- ALL JUNCTION BOXES AND PULL BOXES SHOWN ON THE PROPOSED PLANS SHALL BE INSTALLED WITH THE HINGE SIDE UP, SUCH THAT THE BOXES WILL CLOSE BY GRAVITY, UNLESS NOTED OTHERWISE. THE BOX MOUNTING FEET/LUGS SHALL BE COORDINATED WITH THE METHOD OF INSTALLATION INCLUDING RETAINING WALL, PIER COLUMN AND PIER CAP INSTALLATION. THE BOXES SHALL BE INSTALLED ON SPACERS IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL FURNISH ALL MATERIALS IN ENGLISH STANDARD TRADE SIZES WHERE APPLICABLE.
- NOT USED

19. DIRECTIONAL BORE WITH 6" POLY AND DIRECTIONAL BORE WITH 4" POLY FOR COMMONWEALTH EDISON AND COMCAST. SEE THE QUANTITIES PROVIDED IN THE CHART ON SHEET # 33 AND THE COMED ENGINEERING DRAWING FOR REFERENCE ON SHEET # 37.

LIGHTING NOTES:

- THE EXISTING STREET LIGHTING SYSTEM SHALL REMAIN IN OPERATION.
- THE CONTRACTOR SHALL ASSURE THAT ALL TRAVELED PAVEMENT BE LIGHTED DURING NORMAL NIGHT TIME HOURS.
- ELECTRIC CABLE ASSEMBLY PHASE AND NEUTRAL CONDUCTORS SHALL BE RUN CONTINUOUS WITHOUT ANY UNDERGROUND SPLICES. JUNCTION BOX SPLICES OR PULL BOX SPLICES UNLESS INDICATED OTHERWISE. SPLICES OF ELECTRIC CABLE PHASE AND NEUTRAL CONDUCTORS WILL BE PERMITTED ONLY IN HANDHOLES AND CABINETS, UNLESS NOTED OTHERWISE. THIS WORK SHALL BE INCLUDED IN THE ELECTRIC CABLE PAY ITEM SEPARATE PAYMENT WILL NOT BE MADE.

ABBREVIATIONS

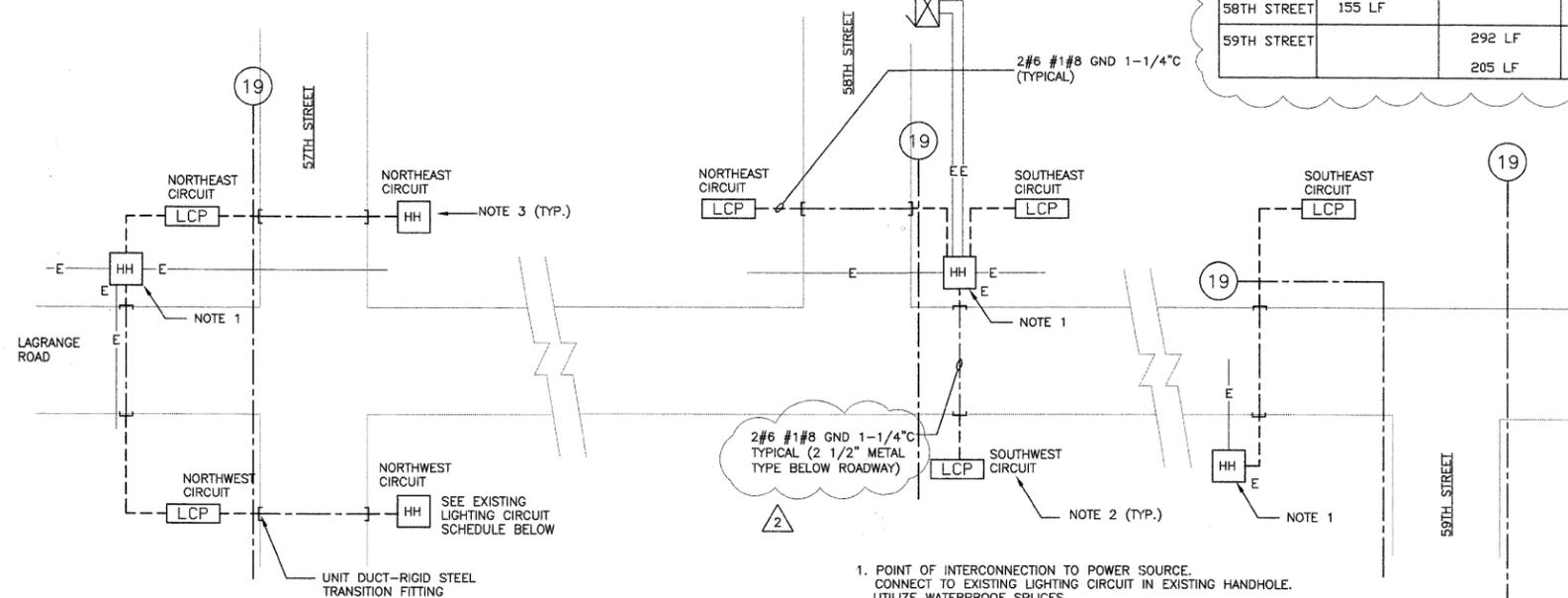
SYMBOL	DESCRIPTIONS
AC	ALTERNATING CURRENT
AFG	ABOVE FINISHED GRADE
CB	CIRCUIT BREAKER
CCT	CIRCUIT
CM	CENTIMETER
CNC	COILABLE NONMETALLIC CONDUIT
CP	CONTROL PANEL
DIA	DIAMETER
E	EXISTING UNIT TO REMAIN
ECA	ELECTRIC CABLE ASSEMBLY
EM	EXISTING UNIT TO BE MODIFIED (e.g. NEW LUMINAIRE, BALLAST OR MAST ARM)
ER	EXISTING RELOCATED UNIT
FT	FEET OR FOOT
FU	FUSE
GND	GROUND
HID	HIGH INTENSITY DISCHARGE
JB	JUNCTION BOX
KVA	KILOVOLT-AMPERE
KW	KILOWATTS
MH	MOUNTING HEIGHT
NO.	NUMBER
P	PROPOSED
PVCC	PVC COATED RIGID GALVANIZED CONDUIT
PT	POTENTIAL TRANSFORMER
R	EXISTING UNIT TO BE REMOVED (OWNER SALVAGED U.N.O.)
RR	EXISTING UNIT TO BE REMOVED AND REINSTALLED
RCBP	RECEPTACLE
RGC	RIGID GALVANIZED CONDUIT
SS	STAINLESS STEEL
UD	UNIT DUCT
U.N.O.	UNLESS NOTED OTHERWISE
WP	WOOD POLE
XFMR	TRANSFORMER

LEGEND:

- RIGID GALVANIZED STEEL CONDUIT (RGC) PUSHED SIZE AS INDICATED WITH UNIT DUCT WITHIN
- UNIT DUCT, AS SPECIFIED IN PLANS
- EXISTING UNDERGROUND WIRING TO REMAIN UNLESS OTHERWISE NOTED
- EXISTING UNIT DUCT TO BE ABANDONED
- EXISTING LIGHTING CONTROLLER
- ELECTRIC UTILITY POLE
- LIGHTING FIXTURE
- ADJUSTABLE LIGHTING FIXTURE, ARROW DENOTES AIMING ORIENTATION
- DUPLEX RECEPTACLE WP INDICATES WEATHERPROOF WHILE "IN-USE" GFCI INDICATES GROUND-FAULT CURRENT INTERRUPTER TYPE COVER TO CONFORM WITH NEC #406.8(B)(2)(c) AND UNDERWRITERS LABORATORIES
- LIGHTING CONTROL PANEL
- HANDHOLE

SYSTEM DESCRIPTION

THE ELECTRICAL CONTRACTOR SHALL TAP INTO THE EXISTING VILLAGE STREET LIGHTING CIRCUITS. THE SPLICE SHALL BE MADE IN THE INDICATED EXISTING HANDHOLE. THOSE CIRCUITS SHALL BE EXTENDED TO THE INDICATED STREETSCAPE LIGHTING CONTROL PANEL. THE VILLAGE LIGHTING CONTROL PANEL SHALL HOUSE THE PRIMARY CIRCUIT BREAKER, TRANSFORMER, AND SECONDARY GFCI CIRCUIT BREAKER. THE SECONDARY CIRCUIT BREAKER SHALL FEED ALL STREETSCAPE RECEPTACLES AND LIGHTING FIXTURES.



- POINT OF INTERCONNECTION TO POWER SOURCE. CONNECT TO EXISTING LIGHTING CIRCUIT IN EXISTING HANDHOLE. UTILIZE WATERPROOF SPLICES
- REFERS TO EXISTING CIRCUIT DESIGNATION IN EXISTING LIGHTING CONTROLLER.
- ALL LIGHTING AND RECEPTACLES AT THE RESPECTIVE INTERSECTION CORNER SHALL BE CONNECTED TO THE LOCAL LIGHTING CONTROL PANEL

ONE LINE DISTRIBUTION PLAN
N.T.S.

LCP SCHEDULE						
STREET	LOCATION	MAIN C/B	XFMR (VA)	GFCI SEC. BREAKER	REMARKS	LOAD
57TH	NORTHWEST	30/1	2000	(2)-20A/1P		610W
57TH	NORTHEAST	30/1	2000	(2)-20A/1P	FED FROM NORTHWEST LCP OCT 2 NOTE 2	700W
57TH	SOUTHEAST	NONE			FED FROM NORTHEAST LCP OCT 2 NOTE 2	700W
57TH	SOUTHWEST	NONE				700W
58TH	WEST	20/1	1000	(1)-20A/1P		830W
58TH	NORTHEAST	20/1	1000	(1)-20A/1P		610W
58TH	SOUTHEAST	20/1	1000	(1)-20A/1P		610W
59TH	EAST	20/1	1000	(1)-20A/1P		920W

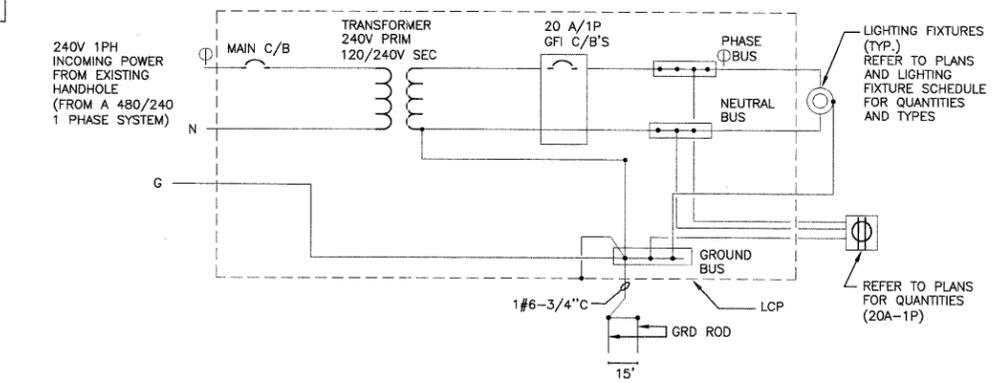
- ALL TRANSFORMERS SHALL BE 240 V 1φ PRIMARY AND 120 V SECONDARY
- PROVIDE WIRING FROM LCP TO LIGHTING FIXTURES VIA HANDHOLE
- PROVIDE GROUND CONDUCTORS IN ALL CIRCUITS. PROVIDE 2 GROUND RODS PER LCP.
- SEE DETAIL THIS DRAWING.

EXISTING LIGHTING CONTROLLER CIRCUIT SCHEDULE					
CIRCUIT	NEW LOAD	EXISTING LOAD	TOTAL LOAD	TOTAL LOAD(AMPS)	EXISTING C/B SIZE
NORTHWEST	1310W	2760W	4070W	19	30A/1P
NORTHEAST	2320W	2300W	4620W	21	30A/1P
SOUTHEAST	1530W	3220W	4750W	22	30A/1P
SOUTHWEST	830W	3680W	4510W	21	30A/1P

STREETSCAPE LIGHTING FIXTURE SCHEDULE		
LIGHTING FIXTURE	WATTAGE	DESCRIPTION
M1	45W	IN GRADE METAL HALIDE FIXTURE WATERPROOF CONSTRUCTION. SEE DETAIL.
M2	45W	LANDSCAPE METAL HALIDE
M3	130W	GASKETED METAL HALIDE MOUNTED IN PYLON. SEE ARCHITECTURAL DRAWING #22 AND ELECTRICAL DETAIL. LUMINAIRE SHALL BE APPLETON #LPAL1010-120

NOTE:
ALL STREETSCAPE LIGHTING FIXTURES (M1, M2, M3) SHALL NOT ILLUMINATE TOWARD ROADWAY.

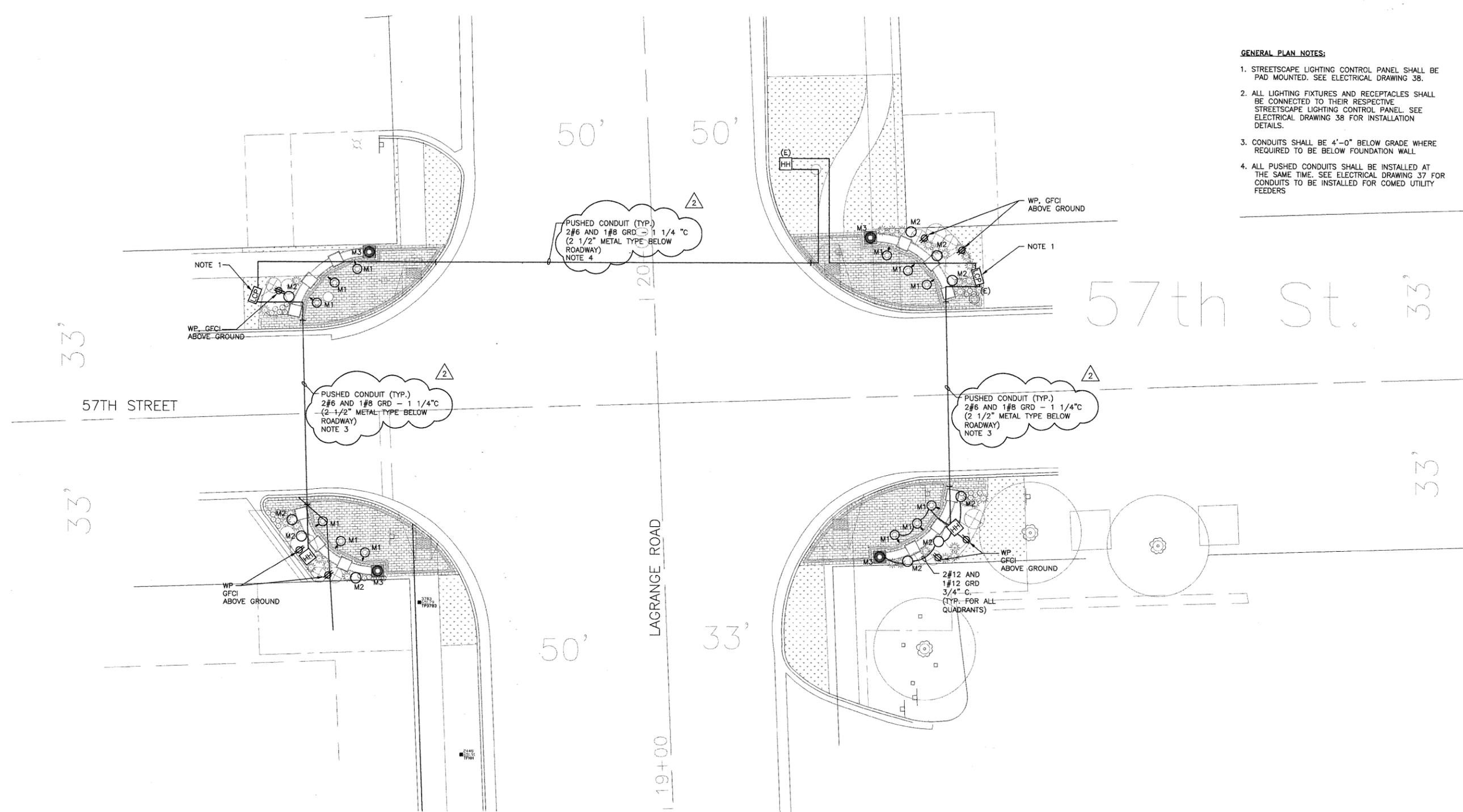
DIRECTIONAL BORE AND EMPTY CONDUIT REQUIREMENT FOR UTILITIES:	COMED CONDUIT PUSHED, 6" DIA. PVC.		COMED CONDUIT PUSHED, 4" DIA. PVC.		COMCAST CONDUIT PUSHED, 4" DIA. PVC.	
	57TH STREET	269 LF			269 LF	
	58TH STREET	155 LF			155 LF	
	59TH STREET		292 LF		292 LF	
			205 LF		205 LF	



- CIRCUITS BREAKERS SHALL BE BOLT-ON, WITH MECHANICAL LUGS, TRIP RATINGS AS NOTED AND 22,000 AIC.
- SEE LCP SCHEDULE FOR SIZES AND QUANTITIES
- LCP SHALL BE PAD MOUNTED UNLESS NOTED OTHERWISE. PROVIDE CONCRETE HOUSEKEEPING PAD AND OPEN BOTTOM FOR PAD MOUNTED UNITS. PANEL MANUFACTURED BY JEMISON ELECTRIC OR APPROVED EQUAL. PROVIDE VENTILATION LOUVERS AND HANGED TOP.

STREETSCAPE LIGHTING CONTROL PANEL (LCP)
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- GENERAL PLAN NOTES:**
1. STREETSCAPE LIGHTING CONTROL PANEL SHALL BE PAD MOUNTED. SEE ELECTRICAL DRAWING 38.
 2. ALL LIGHTING FIXTURES AND RECEPTACLES SHALL BE CONNECTED TO THEIR RESPECTIVE STREETSCAPE LIGHTING CONTROL PANEL. SEE ELECTRICAL DRAWING 38 FOR INSTALLATION DETAILS.
 3. CONDUITS SHALL BE 4'-0" BELOW GRADE WHERE REQUIRED TO BE BELOW FOUNDATION WALL.
 4. ALL PUSHED CONDUITS SHALL BE INSTALLED AT THE SAME TIME. SEE ELECTRICAL DRAWING 37 FOR CONDUITS TO BE INSTALLED FOR COMED UTILITY FEEDERS

1 57TH STREET ELECTRICAL PLAN
1"=10'



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		DATE -- 4/30/09	REVISED --
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PLOT DATE = 8/22/08			

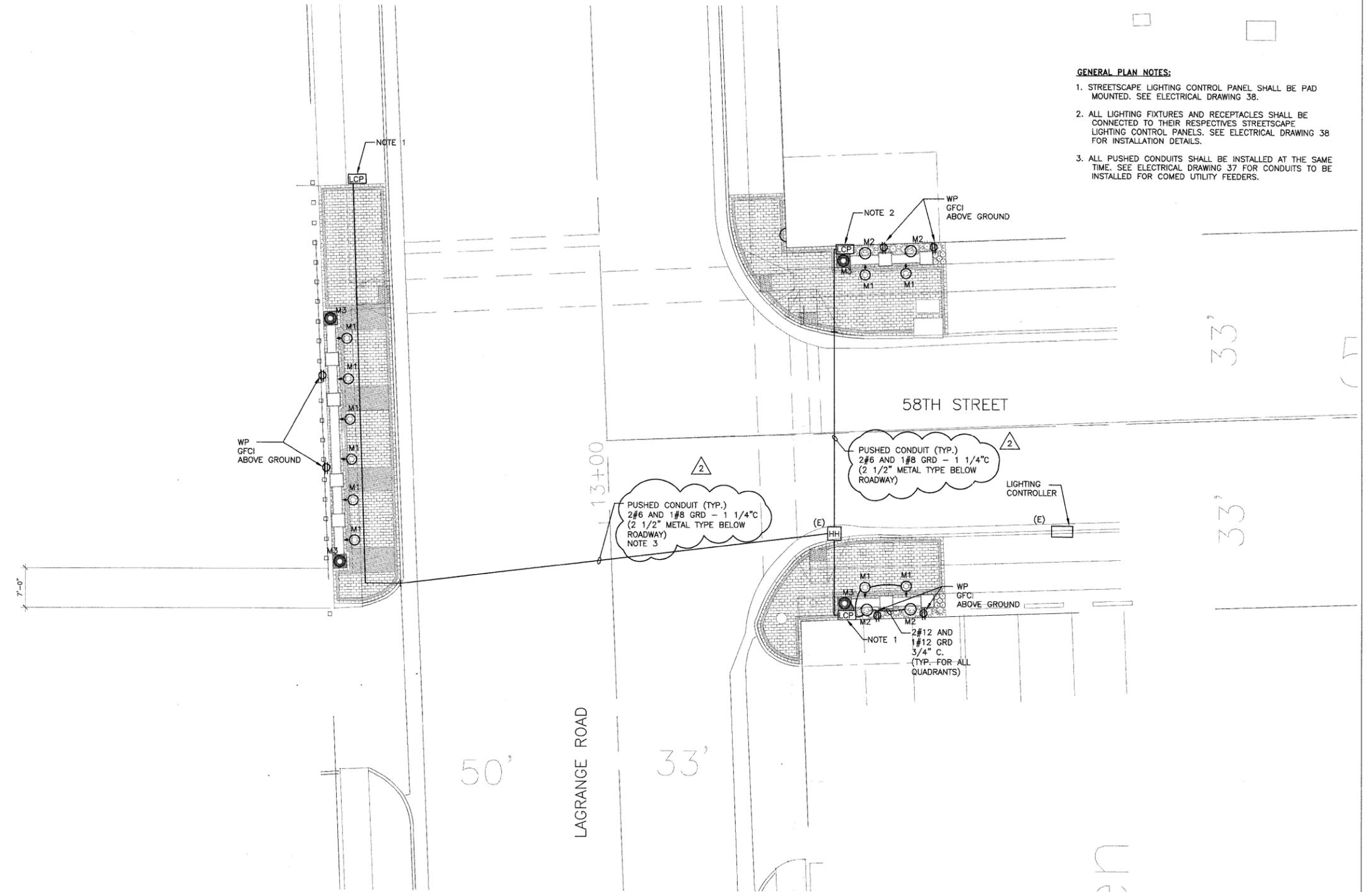
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

57TH STREET ELECTRICAL PLAN	
SCALE: AS NOTED	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	07-00035-00-LS	COOK	42	34
CONTRACT NO. 63059				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

GENERAL PLAN NOTES:

1. STREETSCAPE LIGHTING CONTROL PANEL SHALL BE PAD MOUNTED. SEE ELECTRICAL DRAWING 38.
2. ALL LIGHTING FIXTURES AND RECEPTACLES SHALL BE CONNECTED TO THEIR RESPECTIVE STREETSCAPE LIGHTING CONTROL PANELS. SEE ELECTRICAL DRAWING 38 FOR INSTALLATION DETAILS.
3. ALL PUSHED CONDUITS SHALL BE INSTALLED AT THE SAME TIME. SEE ELECTRICAL DRAWING 37 FOR CONDUITS TO BE INSTALLED FOR COMED UTILITY FEEDERS.



1 59TH STREET ELECTRICAL PLAN
1"=10'



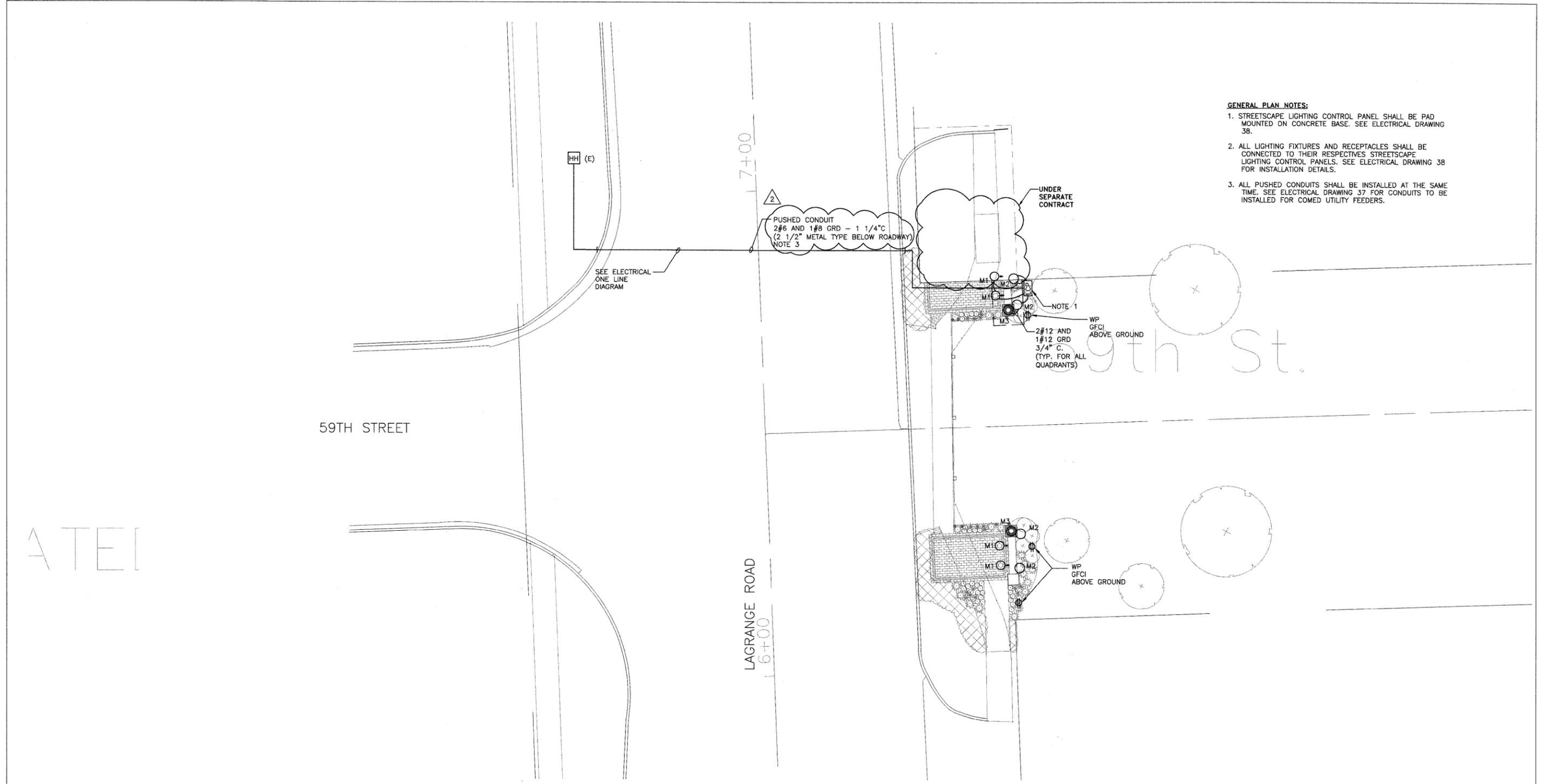
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	PLOT DATE = 8/22/08	DATE -- 4/30/09	REVISED --

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

58TH STREET ELECTRICAL PLAN

SCALE: AS NOTED STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	07-00035-00-LS	COOK	42	35
CONTRACT NO. 63059				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



- GENERAL PLAN NOTES:**
1. STREETSCAPE LIGHTING CONTROL PANEL SHALL BE PAD MOUNTED ON CONCRETE BASE. SEE ELECTRICAL DRAWING 38.
 2. ALL LIGHTING FIXTURES AND RECEPTACLES SHALL BE CONNECTED TO THEIR RESPECTIVES STREETSCAPE LIGHTING CONTROL PANELS. SEE ELECTRICAL DRAWING 38 FOR INSTALLATION DETAILS.
 3. ALL PUSHED CONDUITS SHALL BE INSTALLED AT THE SAME TIME. SEE ELECTRICAL DRAWING 37 FOR CONDUITS TO BE INSTALLED FOR COMED UTILITY FEEDERS.

1 59TH STREET ELECTRICAL PLAN
1"=10'

ATEI

9th St.



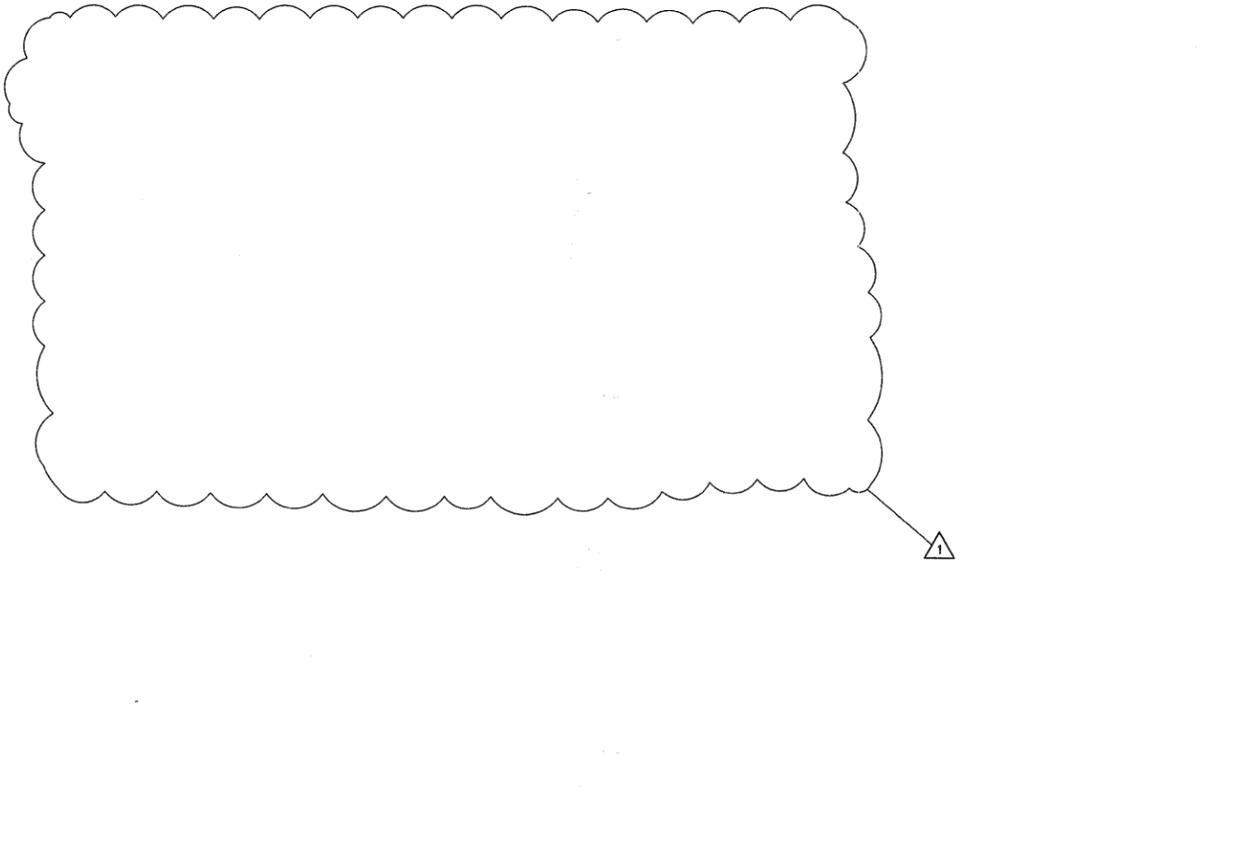
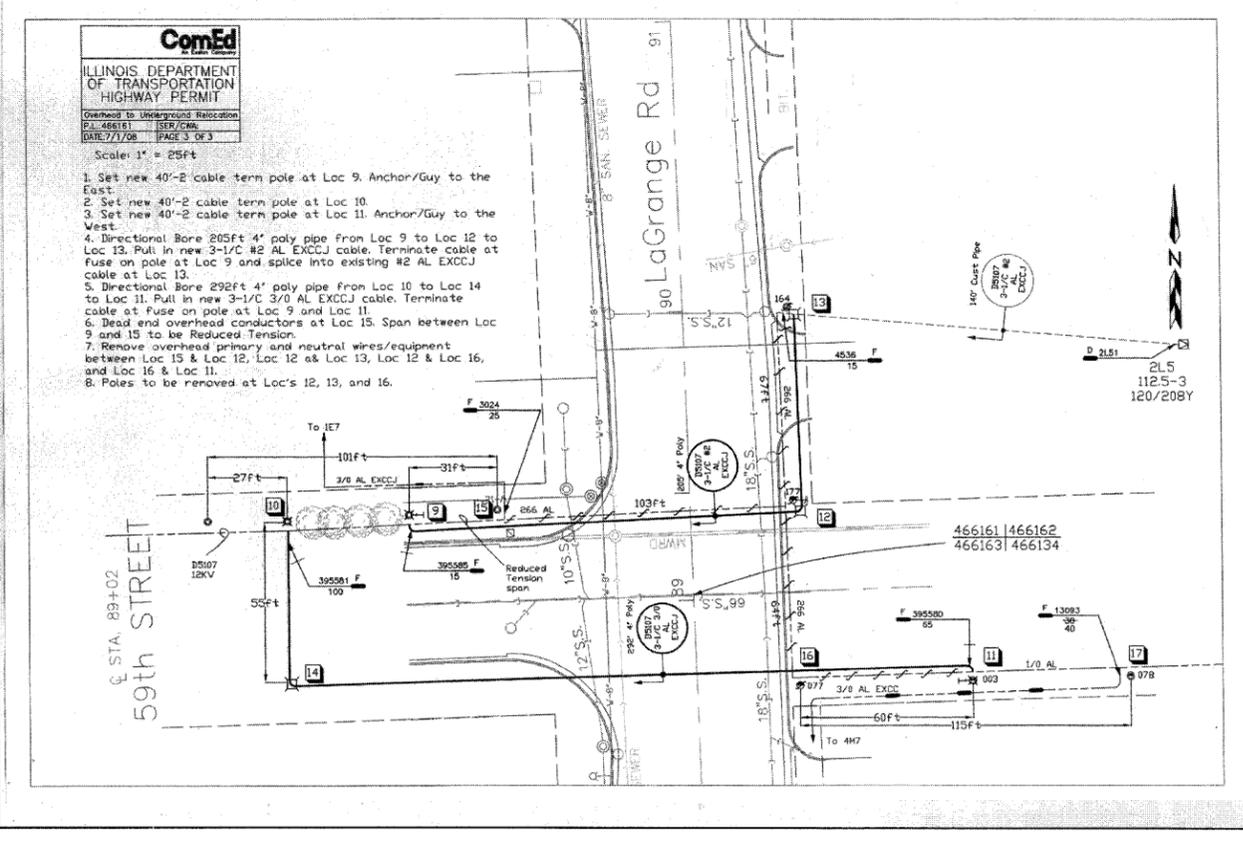
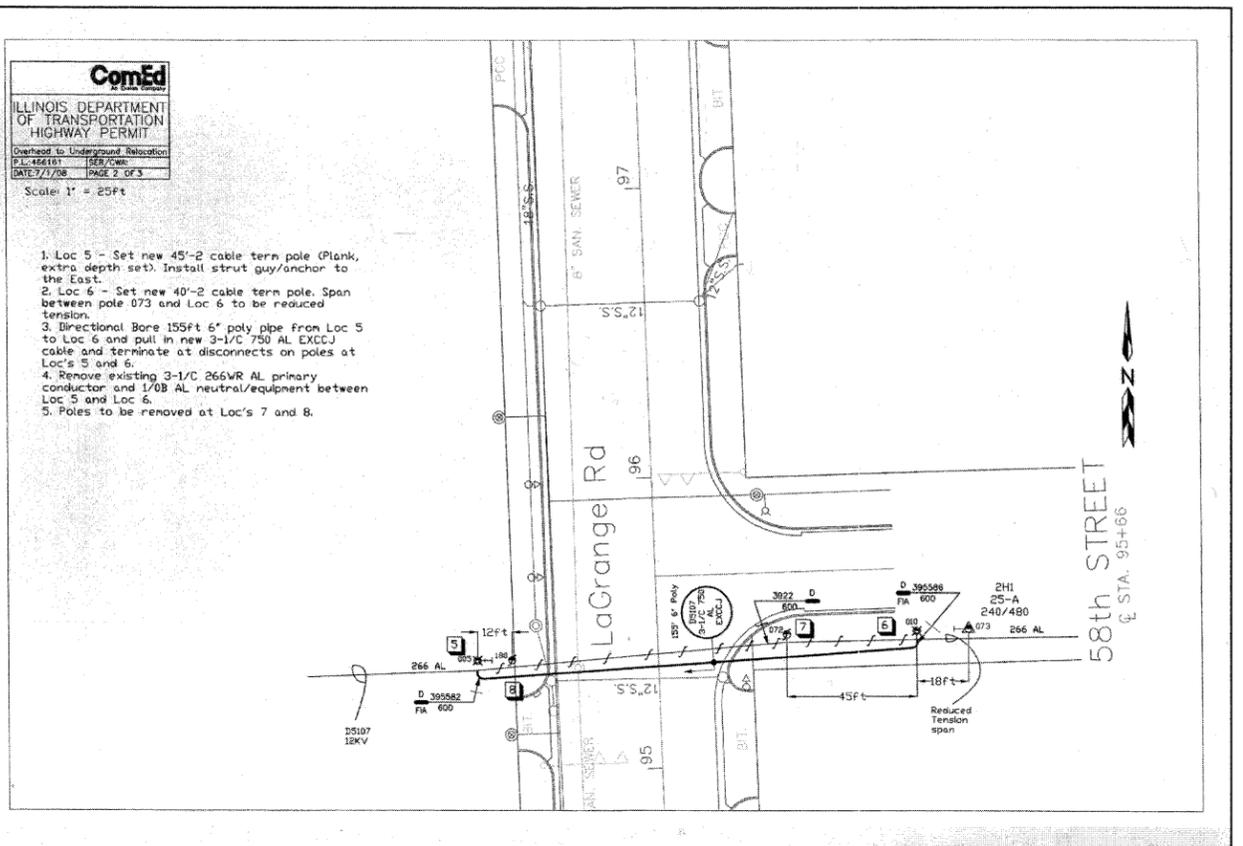
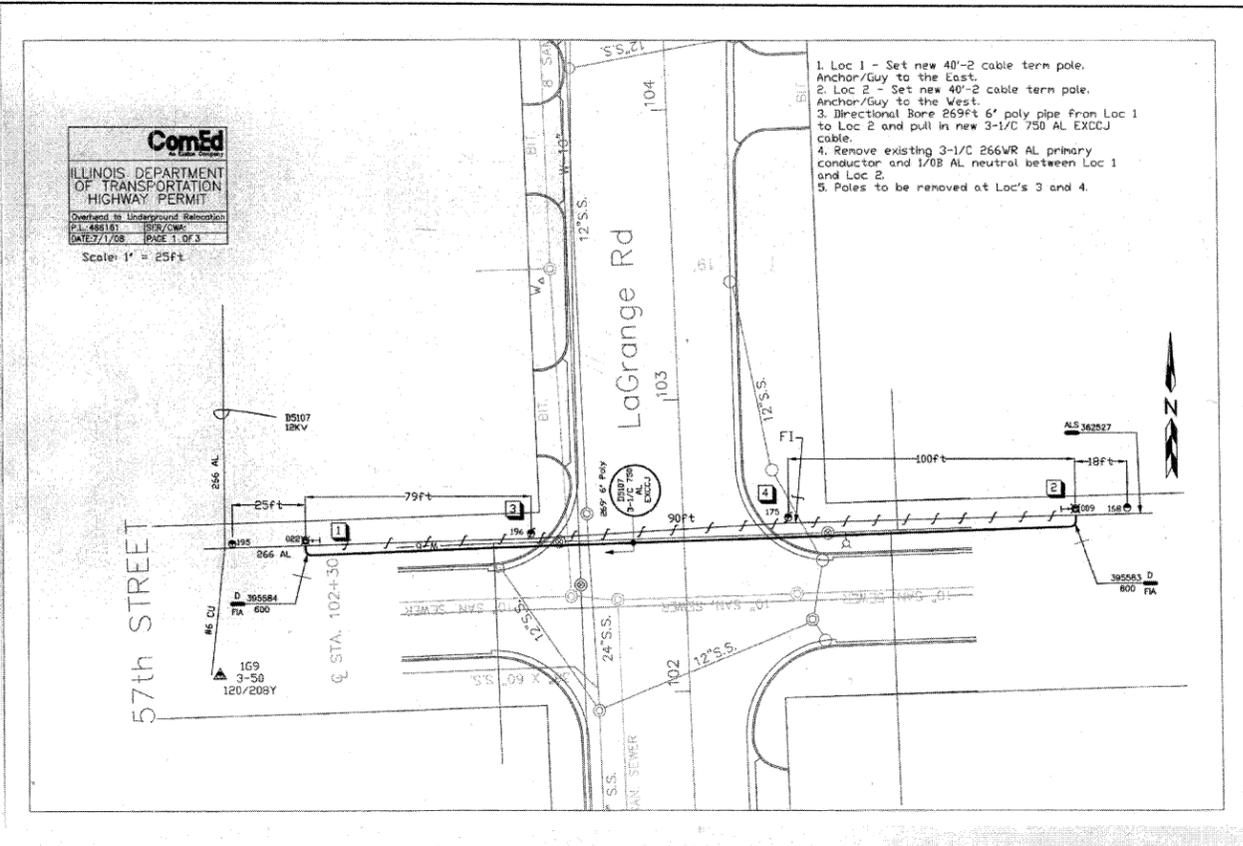
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
235 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312/616-0000

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	PLOT DATE = 8/22/08	DATE — 4/30/09	REVISED —

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

59TH STREET ELECTRICAL PLAN	
SCALE: AS NOTED	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	07-00035-00-LS	COOK	42	36
CONTRACT NO. 63059			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	



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		DRAWN - JFS	REVISED -	
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	PLOT DATE = 8/22/08	DATE - 4/30/09	REVISED -	

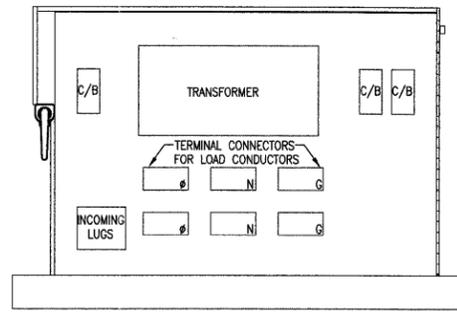
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COMED UTILITY WORK
FOR REFERENCE ONLY**

SCALE: _____ STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
RTE. 07-00035-00-LS		COOK	42	37
CONTRACT NO. 63059			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

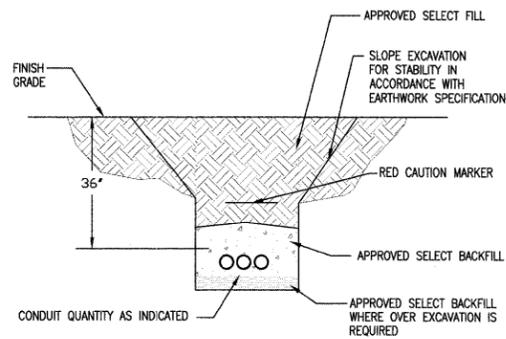
TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
205 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312/616-0000



NOTES:

1. ALL COMPONENTS ON A 1/2" THICK BENELEX BOARD.
2. QUANTITY AND SIZE OF CIRCUIT BREAKERS AND TRANSFORMERS SHALL BE PER LCP SCHEDULE.
3. PROVIDE SUITABLE QUANTITY OF LOAD TERMINAL CONNECTIONS FOR ALL DEVICES.
4. ALL CONDUITS TO ENTER AT BOTTOM OF PANEL.
5. CONTROL PANEL TO BE 25"x25"x8"D.

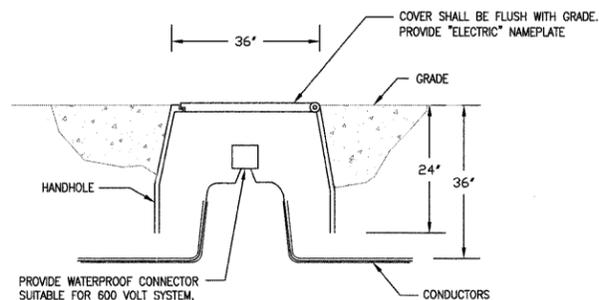
1 LIGHTING CONTROL PANEL DETAIL
NTS



NOTES:

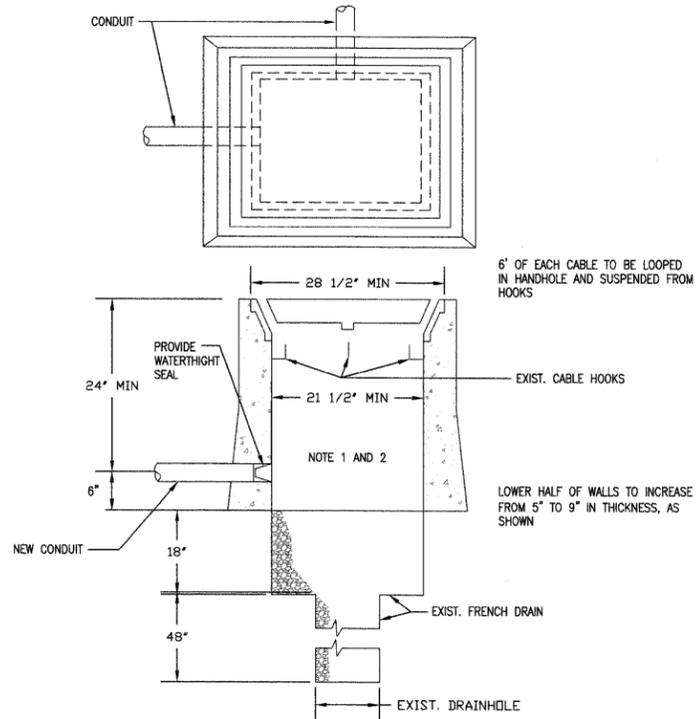
1. TRENCH WIDTH SHALL BE DETERMINED BY NUMBER OF CABLES AND SIDE WALL COMPACTION.
2. COORDINATE WITH EARTHWORK SPECIFICATION.

2 TYPICAL TRENCH SECTION
NTS



PROVIDE WATERPROOF CONNECTOR SUITABLE FOR 600 VOLT SYSTEM. COPPER WIRES. CONNECTOR SHALL BE RATED 105° W/ SILICON SEALANT RATED FROM -45 TO 400 DEGREES F. KING INNOVATION - DRYCONN CONNECTORS.

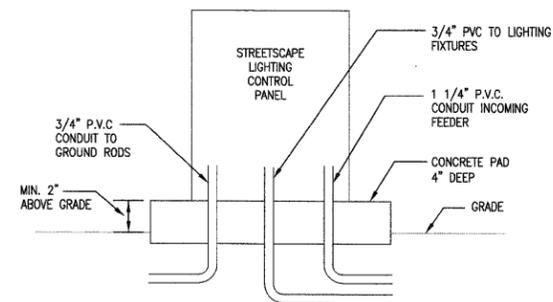
3 NEW HANDHOLE DETAIL
NTS



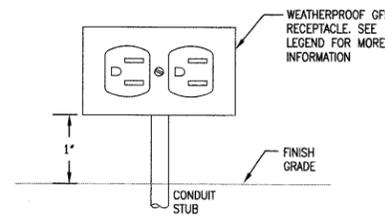
NOTES:

1. PROVIDE 18" OF SLACK CABLE AT HANDHOLE.
2. PROVIDE NEW CORES IN EXISTING MANHOLE FOR NEW CONDUITS.

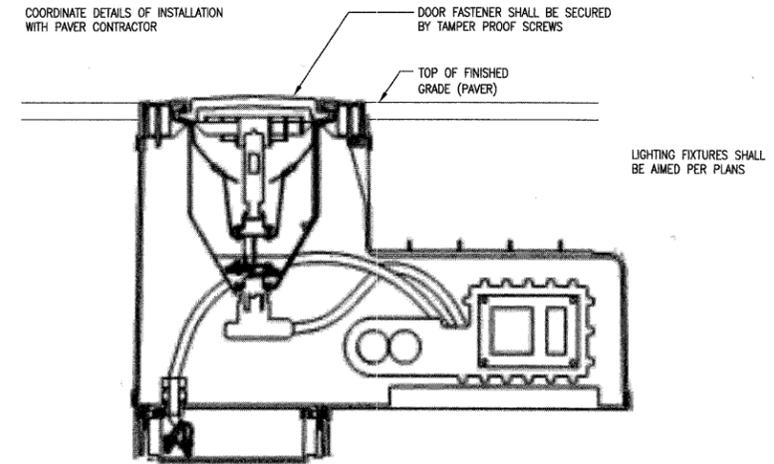
4 CONNECTION TO EXISTING HANDHOLE
NTS



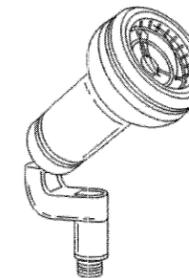
5 ELECTRICAL CABINET (EXTERIOR) PAD MOUNTED
NTS



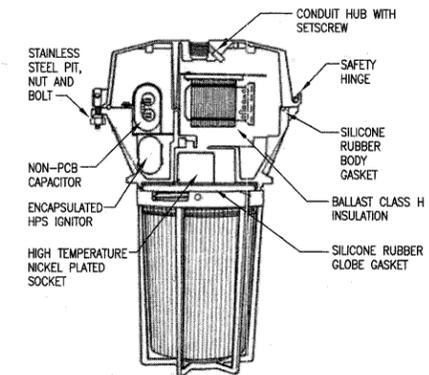
6 GFI RECEPTACLE
NTS



7 LIGHTING FIXTURE BELOW GRADE (M1) (FLUSH MOUNTED)
NTS



8 M2 LIGHTING FIXTURE
NTS



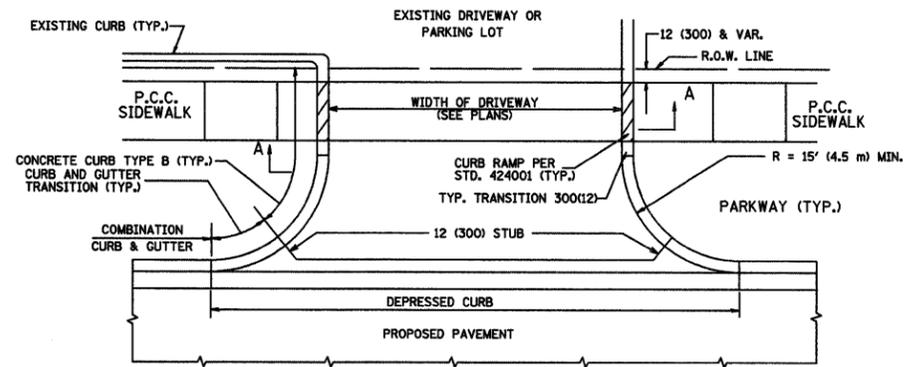
9 FIXTURE M3 DETAIL
NTS

TENG

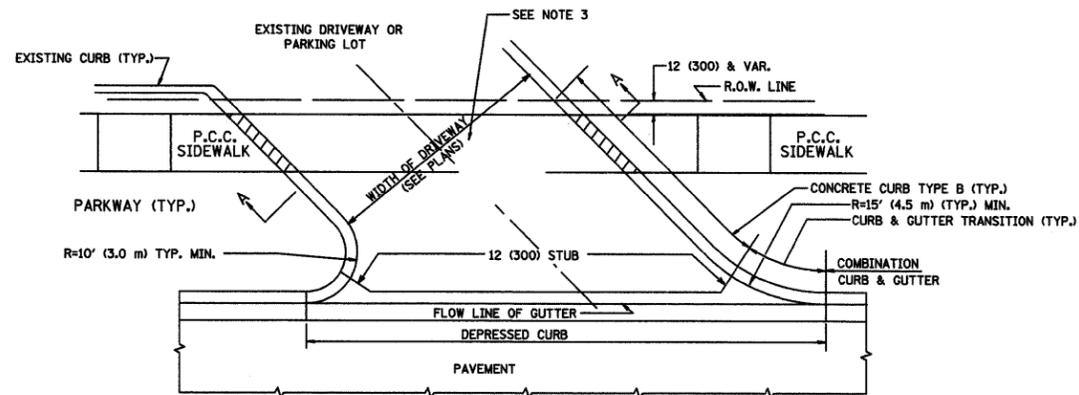
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
205 N. MICHIGAN AVE., CHICAGO, IL 60601
TELEPHONE: 312/616-0000

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		DATE -- 4/30/09	REVISED --					CONTRACT NO. 63059				
							FED. ROAD DIST. NO. 1		ILLINOIS			FED. AID PROJECT

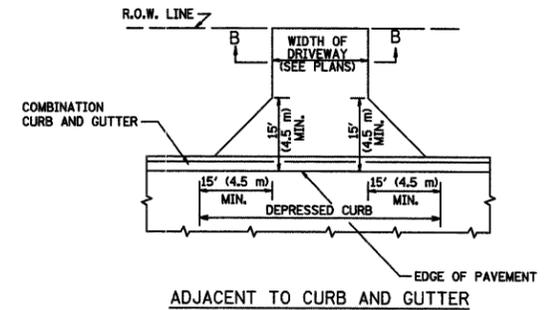
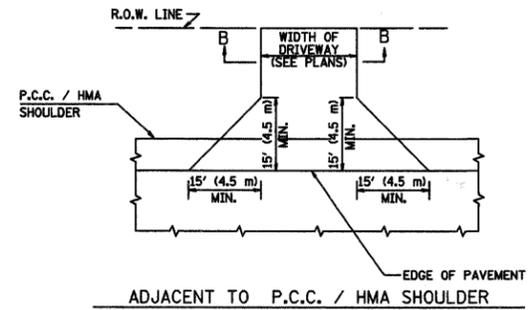
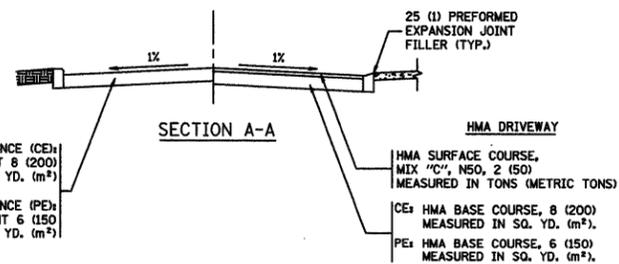
CONTRACT NO.		TOTAL SHEETS		SHEET NO.	
F.A. RTE.	SECTION	COUNTY			
STA.		TO STA.			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					



WITH CONCRETE CURB, TYPE B



WITH CONCRETE CURB, TYPE B



GENERAL NOTES:

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS, SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

RURAL FIELD ENTRANCE (FE)
HMA SURFACE COURSE, MIX 'C', NSO, 2 (150) MEASURED IN TONS (METRIC TONS)
AGGREGATE BASE CSE., TYPE A 8 (200) MEASURED IN SQ. YD. (m²).

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	DRIVEWAY DETAILS	
R. SHAH	11-04-95	DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5 m)	
J. POLLASTRINI	08-12-96		
J. POLLASTRINI	12-14-96		
A. ABBAS	03-21-97		
T. HOLTZ	04-08-97		
M. GOMEZ	04-08-01		
P. LOFLEUR	04-15-03		
R. BORO	01-01-07		

SCALE: VERT. NONE
HORIZ. NONE

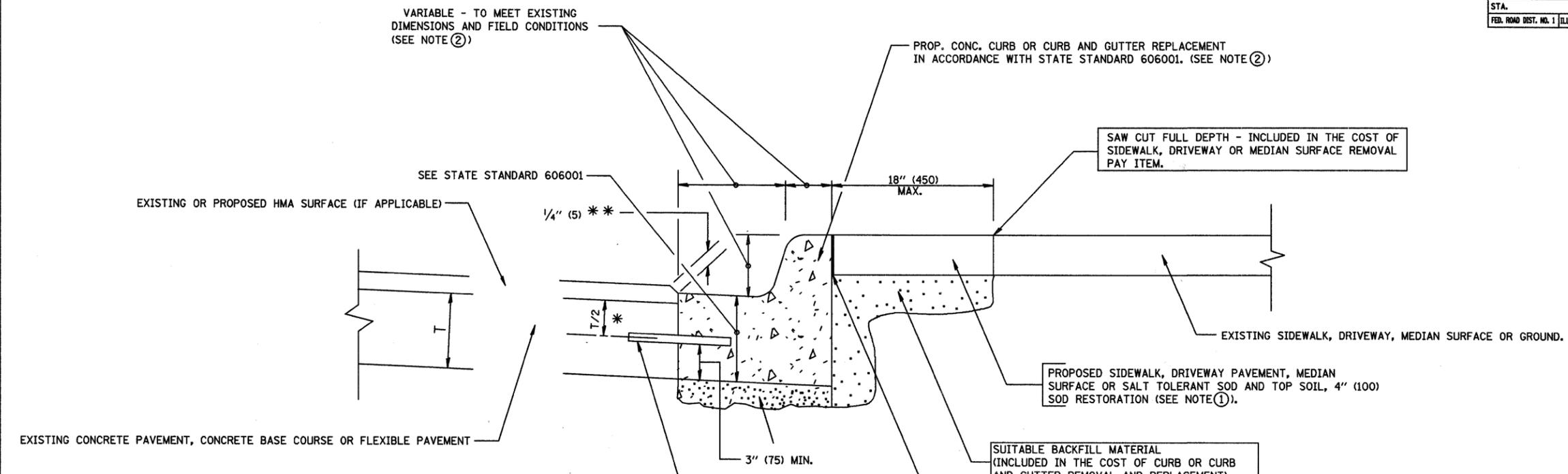
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BD0156-07 (BD-01)

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		DATE -- 4/30/09	REVISED --			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

CONTRACT NO.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA.	TO STA.			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
 ** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

- NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.
 SALT TOLERANT SOD AND TOP SOIL, 4" (100) RESTORATION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ② CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.
- ③ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.
- ④ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ⑤ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ⑥ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.
- ⑦ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.

REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USUABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE 3).

BASIS OF PAYMENT:
 THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

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

REVISIONS	
NAME	DATE
A. HOUSEH	03/11/94
R. SHAH	02/24/96
R. SHAH	03/02/96
R. SHAH	08/19/96
R. SHAH	09/12/96
R. SHAH	09/19/96
R. SHAH	10/03/96
A. ABBAS	03/21/97
M. GOMEZ	01/22/01
R. BORO	01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION
 CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
 SCALE: VERT. NONE
 HORIZ. DRAWN BY
 CHECKED BY
 BD600-06 (BD-24)

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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 PLOT DATE = 8/22/08

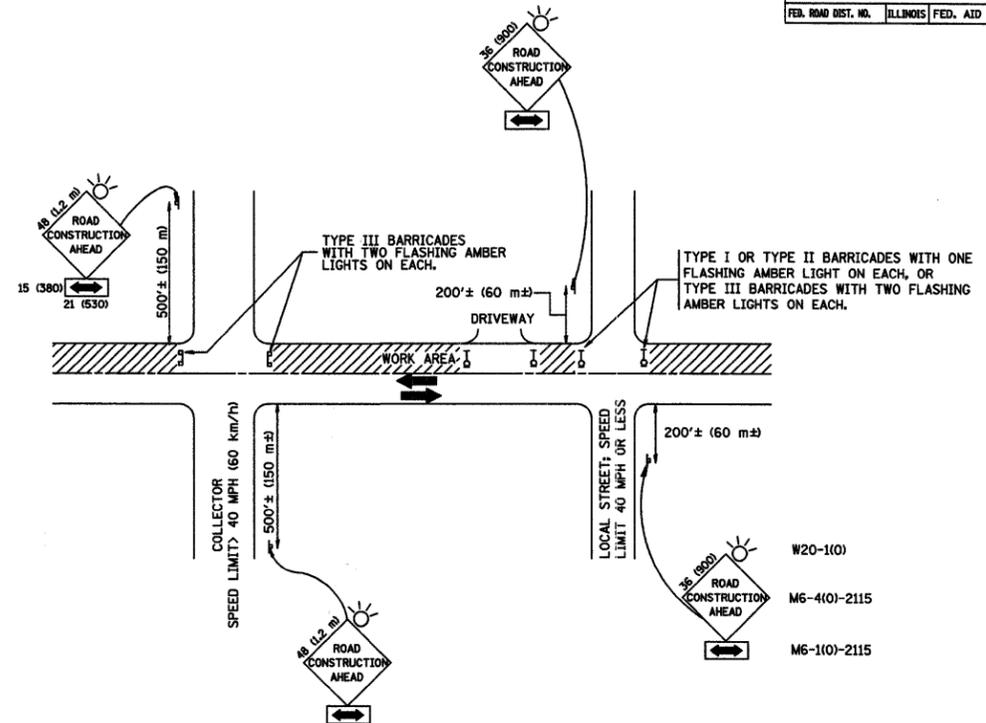
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	PLOT DATE = 8/22/08	CHECKED -- BS	REVISED --			CONTRACT NO. 63059					
		DATE -- 4/30/09	REVISED --			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

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CONTRACT NO.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 70150), STD. 701606 OR THE APPROPRIATE STANDARD. THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.

C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.

D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

REVISIONS	
NAME	DATE
LHA	6/89
T. RAMMACHER	09/08/94
J. OBERLE	10/18/95
A. HOUSEH	03/08/96
A. HOUSEH	10/15/96
T. RAMMACHER	01/06/00

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TRAFFIC CONTROL AND PROTECTION
 FOR
 SIDE ROADS, INTERSECTIONS, AND
 DRIVEWAYS

SCALE: NONE

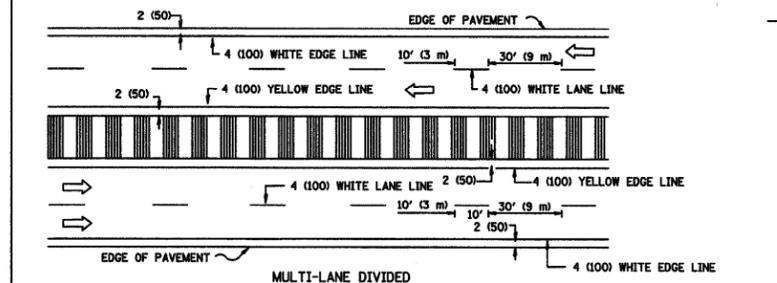
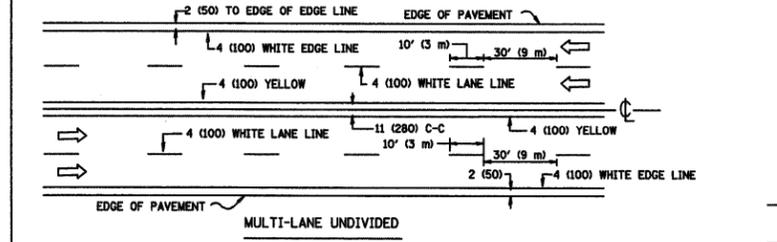
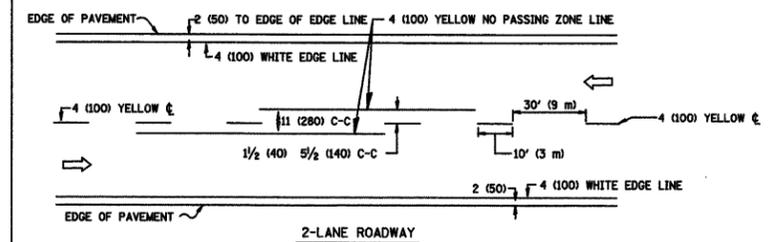
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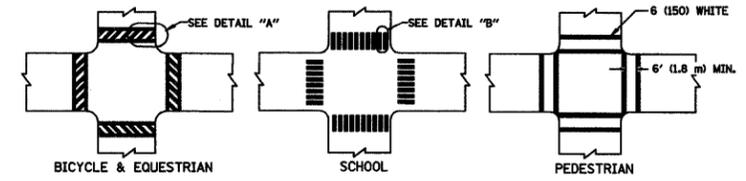
TC-10

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		CHECKED -- BS	REVISED --			CONTRACT NO. 63059					
		DATE -- 4/30/09	REVISED --			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					
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		PLOT DATE = 8/22/08									

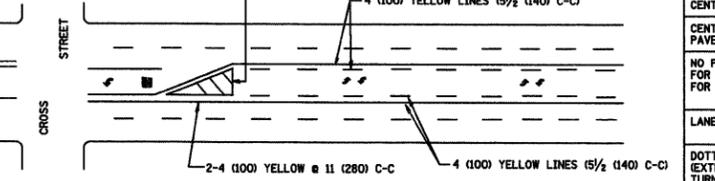
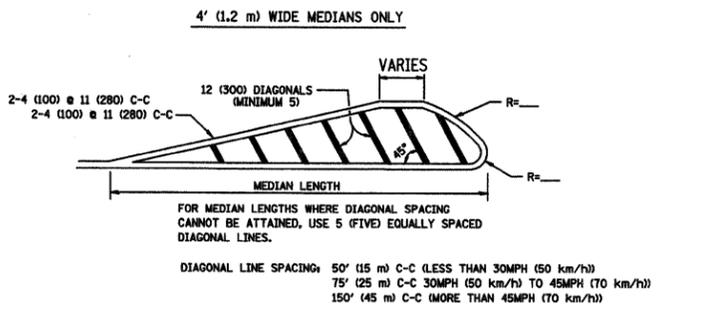
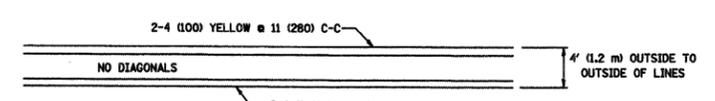
CONTRACT NO.		TOTAL SHEETS		SHEET NO.	
F.A. RTE.	SECTION	COUNTY			
STA.	TO STA.				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT			



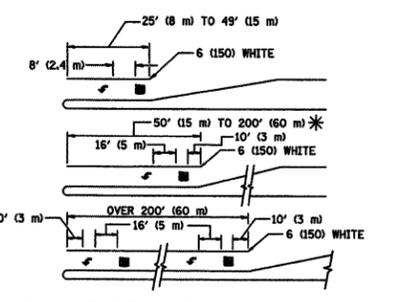
TYPICAL LANE AND EDGE LINE MARKING



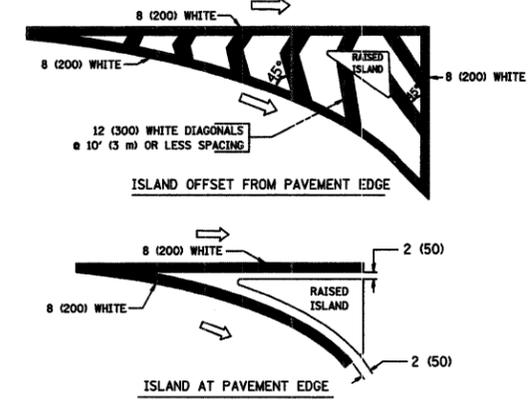
TYPICAL CROSSWALK MARKING



TYPICAL PAINTED MEDIAN MARKING



TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE.
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW WHITE WHITE	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m²) EACH "X"=54.0 SQ. FT. (5.0 m²)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

REVISIONS	NAME	DATE
1	EVERS	03-19-90
2	T. RAMMACHER	10-27-94
3	ALEX HOUSEH	10-09-96
4	ALEX HOUSEH	10-17-96
5	T. RAMMACHER	01-06-00

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT ONE
TYPICAL PAVEMENT MARKINGS
SCALE: NONE
DRAWN BY CADD
CHECKED BY TC-13

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FILE NAME = \$FILE\$	USER NAME = \$USER\$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IDOT DISTRICT ONE STANDARD DETAILS TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = \$SCALE\$	DRAWN - SJ	CHECKED - BS	REVISED -			RTE.	07-00035-00-LS	COOK	42	42	
PLOT DATE = 8/22/08	DATE - 4/30/09	REVISED -	REVISED -			SCALE:		STA.	TO STA.		CONTRACT NO. 63059
								FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT	