

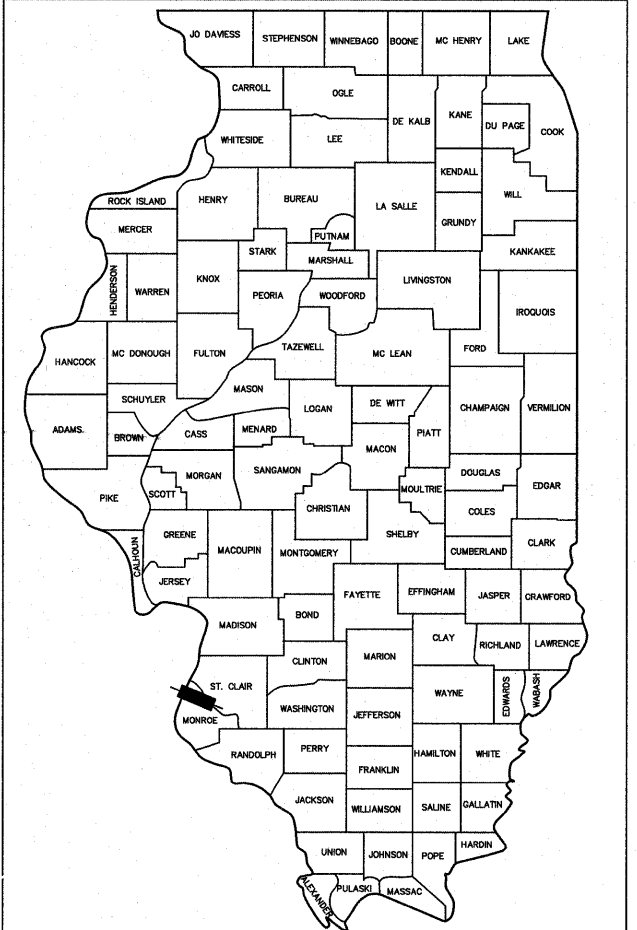
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

CITY OF COLUMBIA  
MAIN STREET STREETScape  
FAU ROUTE 9302  
SECTION 06-00045-00-SW  
PROJECT TE-00D8(135)  
JOB NO. C-98-337-09  
MONROE COUNTY

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9302	06-00045-00-SW	MONROE	24	1
COLUMBIA		ILLINOIS	CONTRACT NO. 97468	

FEDERAL AID PROJECT



LOCATION OF SECTION INDICATED THUS: - [thick black line] -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
APPROVED	MAY 10, 2011 (Date) <i>James R. Sullivan, Mayor</i> (Signature) Local Agency, Position
PASSED	6-6-11 (Date) <i>David M. Cull</i> (Signature) DISTRICT 8 PROJECT IMPLEMENTATION ENGINEER
RELEASING FOR BID BASED ON LIMITED REVIEW	6-6-11 (Date) <i>Mary C. Lewis</i> (Signature) Deputy Director of Highways, Region # 5 Engineer

**INDEX OF SHEETS**

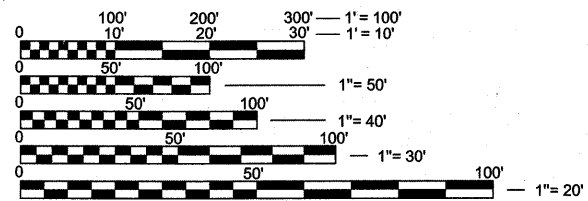
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701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-04	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
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720011-01	METAL POSTS FOR SIGNS, MARKERS, AND DELINEATORS (FOR SIGNS AND MARKERS)
728001-01	TELESCOPING STEEL SIGN SUPPORT
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780001-02	TYPICAL PAVEMENT MARKINGS
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BLR 17-4	TRAFFIC CONTROL DEVICES - DAY LABOR CONSTRUCTION



**LOCATION MAP**  
SCALE: 1" = 200'



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

FUNCTIONAL CLASSIFICATION: URBAN ARTERIAL  
ADT: 10,200

LENGTH OF PROJECT = 277 FEET (0.053 MILES)

PRINTED BY AUTHORITY OF THE STATE OF ILLINOIS



THOMAS LEE CISSELL III  
IL PE NO.: 062-056015  
DATE: 5/13/11



LICENSE EXPIRES: 11/30/11

# GENERAL NOTES

## GENERAL

1. THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", PREPARED BY THE DEPARTMENT OF TRANSPORTATION OF THE STATE OF ILLINOIS AND ADOPTED BY SAID DEPARTMENT ON JANUARY 1, 2007, THE "MANUAL OF TEST PROCEDURES FOR MATERIALS" IN EFFECT OF THE DATE OF THE INVITATION FOR BIDS SHALL APPLY TO AND GOVERN THE CONSTRUCTION OF THE PROPOSED IMPROVEMENT.
2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND COMMENCING CONSTRUCTION.
3. THE CONTRACTOR SHALL STAGE ALL WORK IN SUCH A WAY AS TO MAINTAIN INGRESS AND EGRESS TO ALL ABUTTING PROPERTIES AT ALL TIMES DURING CONSTRUCTION. A QUANTITY FOR AGGREGATE FOR TEMPORARY ACCESS IS INCLUDED FOR THIS PURPOSE.

## UTILITIES

1. UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS. THEIR LOCATIONS MUST BE CONSIDERED TO BE APPROXIMATE ONLY. IT IS POSSIBLE THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATION AND TO AVOID DAMAGE THERETO. ILLINOIS LAW REQUIRES A MINIMUM 48-HOUR NOTICE TO ALL UTILITY COMPANIES BEFORE DIGGING. FIELD LOCATIONS OF UNDERGROUND FACILITIES MAY BE OBTAINED BY CALLING THE J.U.L.I.E. SYSTEM AT 1-800-892-0123 AND PROVIDING 48 HOURS ADVANCE NOTICE. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT LIMITS ARE LISTED BELOW.
2. ALL ROADSIDE OBJECTS (UTILITY POLES, FIRE HYDRANTS, SIGNS, ETC.) SHALL BE RELOCATED TO PROVIDE A MINIMUM OF 1.5 FEET CLEARANCE, MEASURED FROM THE FACE OF CURB TO THE NEAR EDGE OF THE OBJECT.
3. THE FOLLOWING UTILITY COMPANIES MAY HAVE FACILITIES LOCATED WITHIN THE LIMITS OF CONSTRUCTION WHICH MAY REQUIRE ADJUSTMENT, RELOCATION OR REMOVAL.

AMEREN IP (GAS & ELECTRIC)  
1050 WEST BOULEVARD  
BELLEVILLE, IL 62221  
(618) 346-1287

HARRISON TELEPHONE CO. (TELEPHONE)  
213 SOUTH MAIN  
WATERLOO, IL 62298  
(618) 939-9256

CHARTER COMMUNICATIONS (CABLE TV)  
815 CHARTER COMMONS  
TOWN & COUNTRY, MO 63017  
(618) 387-6650

CITY OF COLUMBIA (SEWER & WATER)  
110 WEST SAND BANK ROAD  
COLUMBIA, IL 62236  
(618) 281-4264

THE ABOVE INFORMATION REPRESENTS THE BEST INFORMATION AVAILABLE TO THE LOCAL AGENCY AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE BIDDER. IT IS UNDERSTOOD AND AGREED THAT THE CONTRACTOR HAS TAKEN THE FOREGOING INTO CONSIDERATION IN PREPARING HIS/HER BID, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY DELAYS OR INCONVENIENCE CAUSED BY SAME.

4. THE CONTRACTOR SHALL ADJUST WATER VALVES, MANHOLES, GAS VALVES AND OTHER ITEMS LOCATED WITHIN THE EXISTING ROADWAY AND SIDEWALK TO MATCH THE PROPOSED ROADWAY AND/OR SIDEWALK SURFACE. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

## REMOVAL AND RESTORATION

1. THE CONTRACTOR SHALL PROVIDE BLOCKOUTS IN THE PROPOSED SIDEWALK FOR PLACEMENT OF SIGN POSTS AND MAILBOX SUPPORTS, AS DIRECTED BY THE ENGINEER.

3. THE CONTRACTOR SHALL CONFINE ALL OPERATIONS TO THE AREA LOCATED WITHIN THE CONSTRUCTION LIMITS AS SHOWN ON THE PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION. ALL EARTH SURFACES DISTURBED BY CONSTRUCTION, INCLUDING THOSE OUTSIDE THE CONSTRUCTION LIMITS, SHALL BE FERTILIZED, GRADED, SEEDED AND MULCHED. AREAS OUTSIDE THE CONSTRUCTION LIMITS SHALL BE RESTORED AT THE CONTRACTOR'S EXPENSE. SEE THE SPECIAL PROVISIONS FOR MORE INFORMATION ON RESTORATION.
5. PAVEMENT, SIDEWALK AND CURB REMOVAL INCLUDES THE REMOVAL OF THE EXISTING AGGREGATE BASE NECESSARY TO GRADE FOR AND CONSTRUCT THE PROPOSED IMPROVEMENTS. SURPLUS AND/OR UNSUITABLE MATERIAL SHALL BE DISPOSED OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."
6. THE CONTRACTOR SHALL NOTE THE LOCATION OF ALL MANHOLE, METER AND VALVE VAULT FRAMES AND LIDS LOCATED WITHIN THE CONSTRUCTION LIMITS. APPROPRIATE CARE SHALL BE TAKEN TO PROTECT THESE ITEMS DURING REMOVAL OPERATIONS.
7. THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA MIXTURES ARE PLACED.
9. ALL EXISTING FEATURES SUCH AS PAVEMENT, CURB, SIDEWALK, DRIVEWAY PAVEMENT, ROADWAY PAVEMENT, ETC. WHICH INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR UNLESS NOTED OTHERWISE ON THE PLANS. ALL MISCELLANEOUS FEATURES WHICH ARE TO BE REMOVED AND FOR WHICH THERE IS NO SPECIFIC PAY ITEM, WILL NOT BE MEASURED SEPARATELY FOR PAYMENT. THE COST OF THIS REMOVAL WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE VARIOUS REMOVAL ITEMS INCLUDED IN THE CONTRACT.
11. THE CONTRACTOR SHALL MATCH PROPOSED IMPROVEMENTS INTO EXISTING CONDITIONS, INCLUDING MINOR GRADING AND PATCHING AT NO ADDITIONAL COST TO THE CONTRACT.
12. THE CONTRACTOR SHALL NOT REMOVE ANY CURB OR SIDEWALK THAT CANNOT BE RECONSTRUCTED WITHIN FIVE CALENDAR DAYS. ACCESS TO ALL BUSINESSES AND RESIDENCES SHALL BE MAINTAINED AT ALL TIMES EXCEPT DURING CONCRETE PLACEMENT. THE CONTRACTOR SHALL CONTACT BUSINESS OWNERS AND RESIDENTS 48 HOURS PRIOR TO CONSTRUCTION ADJACENT TO THEIR AFFECTED PROPERTIES.

## PAVEMENT AND SIDEWALK

1. THE CONTRACTOR SHALL CONTACT THE ENGINEER UPON COMPLETION OF THE SUBGRADE AND PRIOR TO CONSTRUCTION OF THE AGGREGATE BASE COURSE PLACEMENT TO DETERMINE THE NECESSITY OF THE PROPOSED SUBGRADE IMPROVEMENTS.
2. HIGH EARLY STRENGTH CONCRETE MIX SHALL BE USED FOR THE CONSTRUCTION OF PCC ENTRANCES. THE COST OF HIGH EARLY STRENGTH CONCRETE MIX SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE BID FOR PCC DRIVEWAY PAVEMENT, 6 INCH.
3. AT VARIOUS LOCATIONS, IT MAY BE NECESSARY TO TRANSITION PROPOSED COMBINATION CURB AND GUTTER TO MEET EXISTING CURBS OR GUTTERS. THE MINIMUM LENGTH OF TRANSITIONAL COMBINATION CURB AND GUTTER SHALL BE 10 FEET, UNLESS DIRECTED OTHERWISE BY THE ENGINEER.
4. THE PAVEMENT MARKING LOCATIONS SHOWN IN THE PLANS ARE APPROXIMATE AND SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER, IF NECESSARY, TO MATCH FIELD CONDITIONS.

## MISC

1. SEE THE SPECIAL PROVISIONS FOR OTHER INCLUDED CONSTRUCTION ITEMS AND OPERATIONS WHICH ARE TO BE INCLUDED WITH AND PAID FOR UNDER CERTAIN SPECIFICATION PAY ITEMS.
2. EXCAVATIONS SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES WITH APPROPRIATE LIGHTS.
3. ALL METALS AND COATINGS USED IN CONSTRUCTION FOR THE POLES, DOORS, FRAME AND GRATES, ETC. SHALL BE AMERICAN-MADE PER POLICY.

3. CARE SHALL BE TAKEN TO AVOID PROPOSED ELECTRICAL CONDUIT CONFLICTS WITH OTHER PROPOSED WORK. IF THE PROPOSED ELECTRICAL CONDUIT CONFLICTS WITH OTHER PROPOSED WORK, SUCH AS SIGN POST FOUNDATIONS, OR CONCRETE CURB, ETC., IT SHALL BE REMOVED AND RESET AT THE CONTRACTOR'S EXPENSE.
4. THE CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL TO PROTECT LOCAL TRAFFIC IN ACCORDANCE WITH APPROPRIATE IDOT HIGHWAY STANDARDS FOR ALL WORK ALONG ROADWAYS.
5. THE FOLLOWING ITEMS ARE APPROXIMATE QUANTITIES AND ARE INCLUDED IN THE "SCHEDULE OF PRICES" IN ORDER TO ESTABLISH A UNIT COST FOR WORK WHICH MAY BE REQUIRED TO CONSTRUCT THIS SECTION. THE ACTUAL QUANTITY OF EACH ITEM SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

EARTH EXCAVATION (SPECIAL)	130	CU YD
AGGREGATE FOR TEMPORARY ACCESS	50	TON
LOCATING UNDERGROUND CABLE	100	FT

6. THE FOLLOWING ABBREVIATIONS ARE USED IN THE PLANS AND SUPPLEMENT HIGHWAY STANDARD 000001.

BO	BY OTHERS (USED IN CONJUNCTION WITH TBA, & TBR)
CMU	CONCRETE MASONRY UNIT
CONSTR	CONSTRUCTION
CP	CONTROL POINT
ESMT	EASEMENT
INCL	INCLUDED
ME	MATCH EXISTING
PKG	PARKING
PE	PERMANENT EASEMENT
N/F	NOW AND FORMERLY
O/C	OIL AND CHIP
PERM	PERMANENT
PVC	POLYVINYL CHLORIDE PIPE
TCE	TEMPORARY CONSTRUCTION EASEMENT
TBA	TO BE ADJUSTED
TBR	TO BE REMOVED
TH	THICK
TYP	TYPICAL
W	WIDTH
Ø	DIAMETER

## COMMITMENTS

1. PARCEL NO. 04-15-368-024

CONTRACTOR SHALL MAINTAIN ACCESS TO FRONT DOOR OF BUSINESS AT 128 SOUTH MAIN ST. AT ALL TIMES DURING CONSTRUCTION. CONTACT OWNERS RANDALL PRIOR & LORI PRIOR IN ADVANCE OF ANY WORK THAT DISTURBS THIS ACCESS. PHONE 618-939-1843.

2. PARCEL NO. 04-15-368-025

CONTRACTOR SHALL MAINTAIN ACCESS TO PARKING LOT AT 134 SOUTH MAIN ST. AT ALL TIMES DURING CONSTRUCTION. CONTACT OWNERS MICHAEL BUDDE & VIVIAN BUDDE IN ADVANCE OF ANY WORK THAT DISTURBS THIS ACCESS. PHONE 618-281-5135. EXISTING LANDSCAPING SHALL BE RESTORED UPON COMPLETION OF THE PROJECT.

3. PARCEL NO. 04-15-368-026

CONTRACTOR SHALL PROTECT AND PRESERVE THE EXISTING ORNAMENTAL FENCE & GATE AT 140 SOUTH MAIN ST.

4. PARCEL NO. 04-15-370-010

CONTRACTOR SHALL MAINTAIN ACCESS TO FRONT AND SIDE DOORS AT 123 SOUTH MAIN ST. AT ALL TIMES DURING CONSTRUCTION. CONTACT OWNER RANDALL ECKERT IN ADVANCE OF ANY WORK THAT DISTURBS THIS ACCESS. PHONE 618-476-3037.

FILE NAME = H:\P25040\DWG\PHASE 1\25040- GENERAL NOTES.DWG	USER NAME = ASHLEIGH ENGELMANN	DESIGNED - SLW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES</b>			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - SLW	REVISED -					9302	06-0045-00-SW	MONROE	24	2
	PLOT SCALE = 4 41/64" = 1'	CHECKED - TLC	REVISED -					CONTRACT NO. 97468				
	PLOT DATE = 2011-05-10	DATE - 2010-06-11	REVISED -					SCALE:	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	COLUMBIA

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION	LIGHTING
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	123	123	
S 28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	15	15	
S 28000500	INLET AND PIPE PROTECTION	EACH	4	4	
31100300	SUBBASE GRANULAR MATERIAL, TYPE A 4"	SQ YD	347	347	
31102712	SUBBASE GRANULAR MATERIAL, TYPE C 12"	SQ YD	162	162	
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	50	50	
S 40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	0.7	1	
S 42000200	PORTLAND CEMENT CONCRETE PAVEMENT 7"	SQ YD	347	347	
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	38	38	
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	4,574	4,574	
S 42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	537	537	
S 42400800	DETECTABLE WARNINGS	SQ FT	76	76	
44000100	PAVEMENT REMOVAL	SQ YD	624	624	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	38	38	
44000300	CURB REMOVAL	FOOT	327	327	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	213	213	
44000600	SIDEWALK REMOVAL	SQ FT	4,044	4,044	
S 60100915	PIPE DRAINS 6"	FOOT	22	22	
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	1	
S 60265700	VALVE VAULTS TO BE ADJUSTED	EACH	4	4	
S 60600605	CONCRETE CURB, TYPE B	FOOT	677	677	
67100100	MOBILIZATION	L SUM	1	1	
72000100	SIGN PANEL - TYPE 1	SQ FT	26.25	26	
S 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	48	48	
78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	212	212	
78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	309	309	
78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	40	40	
78300100	PAVEMENT MARKING REMOVAL	SQ FT	21	21	
* 81012300	CONDUIT IN TRENCH, 1" DIA., PVC	FOOT	221		221
* 81012500	CONDUIT IN TRENCH, 1 1/2" DIA., PVC	FOOT	375		375
* 81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	564		564
* S 81021320	CONDUIT PUSHED, 1 1/2" DIA., PVC	FOOT	535		535
* S 81021330	CONDUIT PUSHED, 2" DIA., PVC	FOOT	1,128		1,128
* 81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	3,992		3,992
* 81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	1,857		1,857

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION	LIGHTING
* 81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	1,632		1,632
* 81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	2,466		2,466
* 81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	770		770
* S B2001620	TREE, CRATAEGUS CRUSGALLI INERMIS (THORN LESS COCKSPUR HAWTHORN), 2-1/2" CALIPER TREE FORM,	EACH	4	4	
* S K0012970	PERENNIAL PLANTS, BULB TYPE	UNIT	0.50	1	
* S K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	0.35	0	
* S K1005481	SHREDDED BARK MULCH 3"	SQ YD	123	123	
S X0301115	LANDSCAPE EDGING	FOOT	64	64	
* S X0321766	LIGHT POLE, SPECIAL (DECORATIVE ORNAMENTAL)	EACH	2		2
S X0323117	LANDSCAPING GRAVEL	SQ YD	39	39	
S X0323256	REMOVE AND RELOCATE FLAGPOLE	EACH	1	1	
S X0325153	MASONRY CLEANING AND TUCKPOINTING	SQ YD	10	10	
S X0326893	MAINTENANCE ENCLOSURE	L SUM	1	1	
S X0326859	PAVEMENT IMPRINTING	SQ YD	101	101	
* S X0327018	DECORATIVE SIGN POST	EACH	3	3	
* S X0327041	DECORATIVE LIGHT AND POLE - TYPE SA	EACH	4		4
* S X0327042	DECORATIVE LIGHT AND POLE - TYPE SB	EACH	4		4
* S X0539700	TREE FRAME AND GRATE	EACH	1	1	
S X0540000	BRICK PAVERS	SQ FT	970	970	
S X2020410	EARTH EXCAVATION (SPECIAL)	CU YD	130	130	
S X8024242	INLETS, SPECIAL, NO. 1	EACH	3	3	
S X8024244	INLETS, SPECIAL, NO. 2	EACH	5	5	
S X6026634	METER VAULTS TO BE ADJUSTED	EACH	4	4	
S X6060505	CONCRETE CURB (SPECIAL)	FOOT	329	329	
S X6061005	CONCRETE CURB, TYPE B (SPECIAL)	FOOT	193	193	
S X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1	1	
S X7200105	SIGN PANEL - TYPE 1 (SPECIAL)	SQ FT	24	24	
* S X8040102	ELECTRIC SERVICE INSTALLATION, SPECIAL	EACH	1		1
* S X8360110	LIGHT POLE FOUNDATION, SPECIAL	FOOT	80		80
* S X8360120	LIGHT POLE FOUNDATION, SPECIAL	EACH	6		
* S XX004533	SOIL PLANTING MIXTURE	CU YD	91	91	
* S XX007304	DECORATIVE POLES - 10FT	EACH	4		4
S Z0004002	BOLLARDS	EACH	1	1	
S Z0012455	CONCRETE STEP REMOVAL	EACH	1	1	
* S A3005212	TREE ZELKOVA SERRATA 'GREEN VASE' (GREEN VASE ZELKOVA), 2 1/2" CALIPER, BALLED AND BURLAPPED	EACH	1	1	

\* SPECIALTY ITEM  
S SEE PROJECT SPECIFIC SPECIAL PROVISION

PAVEMENT SCHEDULE

STATION	STATION	OFFSET	SUB GRAN MAT A 4 (SQ YD)	PCC PVT 7 (SQ YD)	PAVEMENT REM (SQ YD)
22+29.00	25+06.39	RT			223
22+29.00	25+06.39	LT			103
CEDAR		RT	118	118	101
CHERRY		RT	90	90	77
CHERRY		LT	87	87	74
MAIN	24+14		25	25	22
MAIN	24+69		27	27	24
<b>TOTAL</b>			<b>347</b>	<b>347</b>	<b>624</b>

CURB & GUTTER SCHEDULE

STATION	STATION	OFFSET	CURB REM (FOOT)	COMB CURB GUTTER REM (FOOT)	CONC CURB TB (FOOT)
22+29.00	25+06.39	RT	166	123	318
22+29.00	25+06.39	LT	161	90	297
<b>TOTAL</b>			<b>327</b>	<b>213</b>	<b>615</b>

EROSION CONTROL SCHEDULE

STATION	STATION	OFFSET	TEMP EROS CONTR SEED (NOTE 1) (POUND)	INLET & PIPE PROTECTION (EACH)
22+29.00	25+06.39	RT	14	
22+29.00	25+06.39	LT	1	
24+25		LT		1
24+68		LT		1
22+62		RT		1
24+67		RT		1
<b>TOTAL</b>			<b>15</b>	<b>4</b>

EROSION CONTROL NOTES

1. THE QUANTITY FOR TEMPORARY EROSION CONTROL SEEDING ASSUMES TWO SEPARATE APPLICATIONS AT A RATE OF 100 LBS/ACRE PER APPLICATION. THE CONTRACTOR SHALL APPLY AS NECESSARY AND AS DIRECTED BY THE ENGINEER IN THE FIELD.

**SIDEWALK SCHEDULE**

STATION	STATION	OFFSET	PC CONC SIDEWALK 4 (NOTE 1) (SQ FT)	PC CONC SIDEWALK 6 (NOTE 2) (SQ FT)	DETECTABLE WARNINGS (SQ FT)	SIDEWALK REM (SQ FT)	BRICK PAVERS (SQ FT)
22+29.00	25+06.39	RT	2,974	254	48	2,225	673
22+29.00	25+06.39	LT	1,600	283	28	1,819	297
<b>TOTAL</b>			<b>4,574</b>	<b>537</b>	<b>76</b>	<b>4,044</b>	<b>970</b>

**SIDEWALK NOTES:**

- ALL SIDEWALK EXCLUDING SIDEWALK RAMPS SHALL BE PAID FOR AS PC CONC SIDEWALK 4 AND BE 4" THICK.
- SIDEWALK RAMPS ACCESSIBLE TO THE DISABLED ARE REQUIRED AND SHALL BE 6" THICK. SIDEWALK RAMPS SHALL BE PAID FOR AS PC CONC SIDEWALK 6. SEE PLAN SHEETS FOR LOCATIONS AND TYPES OF RAMPS. SEE HIGHWAY STANDARD 424001 FOR SIDEWALK RAMP DETAILS.

**PAVEMENT MARKING SCHEDULE**

STATION	STATION	POLYUREA PM T1 LN 4 (FOOT)	POLYUREA PM T1 LN 12 (FOOT)	POLYUREA PM T1 LN 24 (FOOT)	PAVT MARKING REMOVAL (SQ FT)
22+29.00	25+06.39	212	121	13	21
	CEDAR ST (RT)		61	13	
	CHERRY ST (RT)		61	14	
	CHERRY ST (LT)		66	13	
<b>TOTAL</b>		<b>212</b>	<b>309</b>	<b>40</b>	<b>21</b>

**PAVEMENT MARKING NOTES:**

- SEE HIGHWAY STANDARD 780001 FOR PAVEMENT MARKING DETAILS.

**DRAINAGE STRUCTURE SCHEDULE**

STATION (NOTE 1)	OFFSET (NOTE 1)	PIPE DRAINS 6" (FOOT)	INLETS SPL NO. 1 (EACH)	INLETS SPL NO. 2 (EACH)	EOP ELEV	INVERT ELEV
22+40	18.3' RT			1	511.95	511.95
22+62	17.9' RT			1	512.17	512.17
23+98	15.2' LT			1	514.60	514.60
24+25	17.7' LT	8	1		515.00	514.02
24+67	19.6' RT	7	1		516.11	515.36
24+68	17.4' LT	7	1		516.14	515.36
24+84	16.5' LT			1	516.55	516.55
24+89	18.7' RT			1	516.70	516.70
<b>TOTAL</b>		<b>22</b>	<b>3</b>	<b>5</b>		

**DRAINAGE STRUCTURE NOTES:**

- THE STATIONS AND OFFSETS OF ALL INLETS ARE CALCULATED TO THE EDGE OF PAVEMENT AT THE CENTER OF THE STRUCTURES' OPENINGS.

**SIGNING SCHEDULE**

STATION	OFFSET	TYPE	DESCRIPTION	SIZE	SIGN PANEL TYPE 1 (SQ FT)	TELES STL SUPPORT (FOOT)	DECORATIVE SIGN POST (EACH)	SIGN PANEL T1 SPL (SQ FT)	NOTES
23+00	38.0' RT	R1-1	STOP SIGN	30x30	6.25		1		REVERSE SIDE BLACK, INCLUDE FRAME
23+00	38.0' RT	D-3	STREET SIGN	8x36				2	"S. MAIN ST."
23+00	38.0' RT	D-3	STREET SIGN	8x36				2	"S. MAIN ST."
23+00	38.0' RT	D-3	STREET SIGN	8x36				2	"W. CEDAR ST."
23+00	38.0' RT	D-3	STREET SIGN	8x36				2	"W. CEDAR ST."
23+17	15.6' RT	R7-1	NO PARKING ANY TIME WITH LEFT ARROW SIGN	12x18	1.50	12			REVERSE SIDE BLACK, INCLUDE FRAME
23+94	16.2' RT	R1-5L	YIELD HERE TO PEDESTRIANS SIGN	18x18	2.25	12			REVERSE SIDE BLACK, INCLUDE FRAME
24+13	15.6' RT	R7-1	NO PARKING ANY TIME WITH RIGHT ARROW SIGN	12x18	1.50	12			REVERSE SIDE BLACK, INCLUDE FRAME
24+32	34.0' LT	R1-1	STOP SIGN	30x30	6.25		1		REVERSE SIDE BLACK, INCLUDE FRAME
24+32	34.0' LT	D-3	STREET SIGN	8x36				2	"S. MAIN ST."
24+32	34.0' LT	D-3	STREET SIGN	8x36				2	"S. MAIN ST."
24+32	34.0' LT	D-3	STREET SIGN	8x36				2	"E. CHERRY ST."
24+32	34.0' LT	D-3	STREET SIGN	8x36				2	"E. CHERRY ST."
24+63	37.6' RT	R1-1	STOP SIGN	30x30	6.25		1		REVERSE SIDE BLACK, INCLUDE FRAME
24+63	37.6' RT	D-3	STREET SIGN	8x36				2	"S. MAIN ST."
24+63	37.6' RT	D-3	STREET SIGN	8x36				2	"S. MAIN ST."
24+63	37.6' RT	D-3	STREET SIGN	8x36				2	"W. CHERRY ST."
24+63	37.6' RT	D-3	STREET SIGN	8x36				2	"W. CHERRY ST."
24+97	22.9' LT	R1-5L	YIELD HERE TO PEDESTRIANS SIGN	18x18	2.25	12			REVERSE SIDE BLACK, INCLUDE FRAME
<b>TOTAL</b>					<b>26.25</b>	<b>48</b>	<b>3</b>	<b>24</b>	

**LANDSCAPING SCHEDULE**

STATION	STATION	OFFSET	GEOTECH FAB F/GR STAB (SQ YD)	SUB GRAN MAT C 12 (SQ YD)	PERENNIAL PLNT BULB TORNAMENTAL (NOTE 1) (UNIT)	P PL T GAL P (NOTE 1) (UNIT)	SHRED BARK MULCH 3 (SQ YD)	LANDSCAPE EDGING (FOOT)	LANDSCAPE GRAVEL (SQ YD)	SOIL PLANTING MIXTURE (CU YD)	CONC CURB SPL (FOOT)	CONC CURB TB SPL (FOOT)
<b>LANDSCAPE AREAS</b>												
23+12	23+60	RT	44	44			44			26	119	
23+49	23+60	RT	16	16			16	32		9	35	
23+64	23+69	RT	5	5			5			3	33	
23+74	24+16	RT	42	42			42	32		25	107	
23+74	23+85	RT	16	16			16			9	35	
<b>RAIN GARDEN AREAS</b>												
22+32	22+65	RT		18	0.18	0.17			18	9		69
23+97	24+16	LT		11	0.14	0.09			11	5		52
24+75	24+89	LT		4	0.08	0.02			4	2		34
24+75	24+91	RT		6	0.09	0.04			6	3		38
<b>TOTAL</b>			<b>123</b>	<b>162</b>	<b>0.50</b>	<b>0.35</b>	<b>123</b>	<b>64</b>	<b>39</b>	<b>91</b>	<b>329</b>	<b>193</b>

**LANDSCAPING NOTES:**

- TOTAL NUMBER OF PLANTS ARE ROUNDED UP TO THE NEAREST 0.05 UNITS.

**ENTRANCE SCHEDULE**

STATION (NOTE 1)	OFFSET	ENTRANCE TYPE	ENTRANCE WIDTH "W" (NOTE 1) (FOOT)	ENTRANCE DEPTH "D" (FOOT)	EXISTING SURFACE TYPE	INCIDENTAL HMA SURF (NOTE 2) (TON)	PCC DRIVEWAY PAVT 6 (NOTE 3) (SQ YD)	DRIVE PAVEMENT REM (SQ YD)	CONC CURB TB (FOOT)
22+63.98	LT	C.E.	10	6.75	AGG		22	13	31
23+54.79	LT	C.E.	12.3	1.8	HMA	0.7	16	25	31
<b>TOTAL</b>						<b>0.7</b>	<b>38</b>	<b>38</b>	<b>62</b>

**ENTRANCE NOTES:**

- PRIOR TO CONSTRUCTION, THE ENGINEER WILL CONTACT EACH PROPERTY OWNER AND VERIFY THE LOCATION AND WIDTH OF ALL ENTRANCES. THE CONTRACTOR SHALL CONFIRM THE FINAL LOCATIONS AND WIDTHS WITH THE ENGINEER PRIOR TO CONSTRUCTION.
- INCIDENTAL HOT-MIX ASPHALT SURFACING QUANTITY IS CALCULATED AT A RATE OF 112 LB / SQ YD / IN. BITUMINOUS MATERIALS (PRIME COAT) AND AGGREGATE (PRIME COAT) ARE REQUIRED BUT WILL NOT BE MEASURED SEPARATELY FOR PAYMENT. THE COST FOR BITUMINOUS MATERIALS AND AGGREGATE SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR INCIDENTAL HOT-MIX ASPHALT SURFACING. THE NOMINAL THICKNESS FOR INCIDENTAL HOT-MIX ASPHALT SURFACING ON ENTRANCES SHALL BE 8".
- DEPRESSED CURB AND GUTTER THROUGH ENTRANCES SHALL BE MEASURED FOR PAYMENT AS CONCRETE CURB TYPE B

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USER NAME = ASHLEIGH ENGELMANN  
 DESIGNED - SLW  
 DRAWN - SLW  
 CHECKED - TLC  
 DATE - 2010-06-11

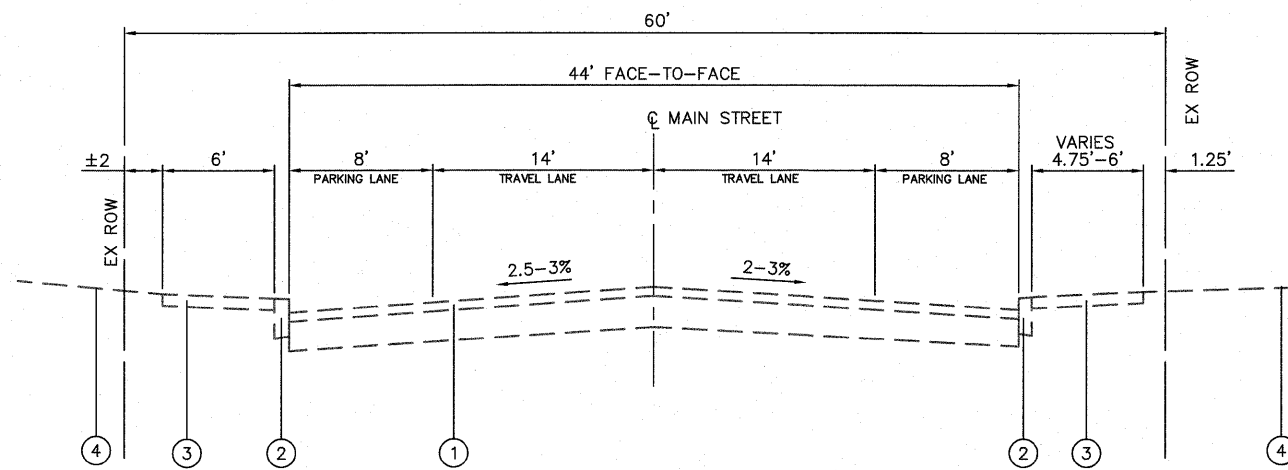
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 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCHEDULES

F.A.U. RTE. 9302 SECTION 06-00045-00-SW COUNTY MONROE TOTAL SHEETS 24 SHEET NO. 4 CONTRACT NO. 97468  
 COLUMBIA ILLINOIS FED. AID PROJECT

SCALE: SHEET NO. 1 OF 1 SHEETS STA. 22+11.70 TO STA25+06.39

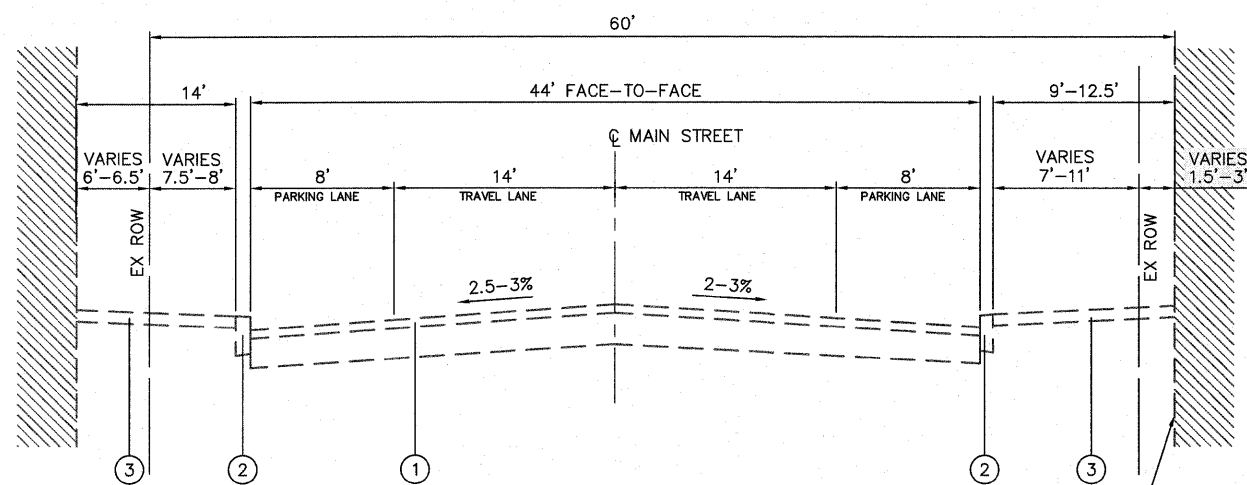


**EXISTING TYPICAL SECTION**

STA 22+96.03 TO STA 25+06.39  
(NOT TO SCALE)

**LEGEND**

- ① EXISTING HOT-MIX ASPHALT ROADWAY, 2-1/4" ON 7" PCC BASE
- ② EXISTING CONCRETE CURB TYPE B
- ③ EXISTING PORTLAND CEMENT CONCRETE SIDEWALK
- ④ EXISTING LAWN AREA

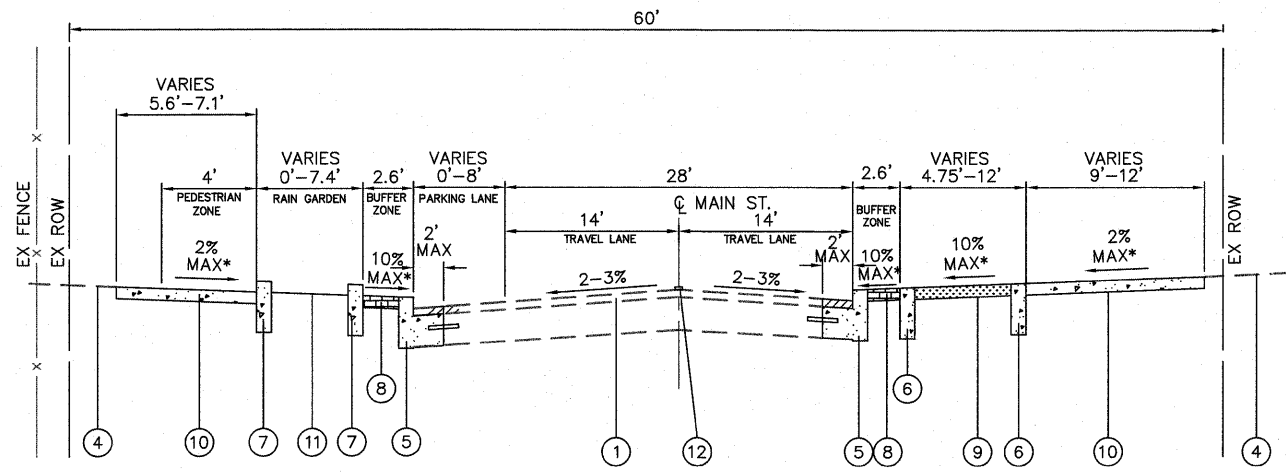


**EXISTING TYPICAL SECTION**

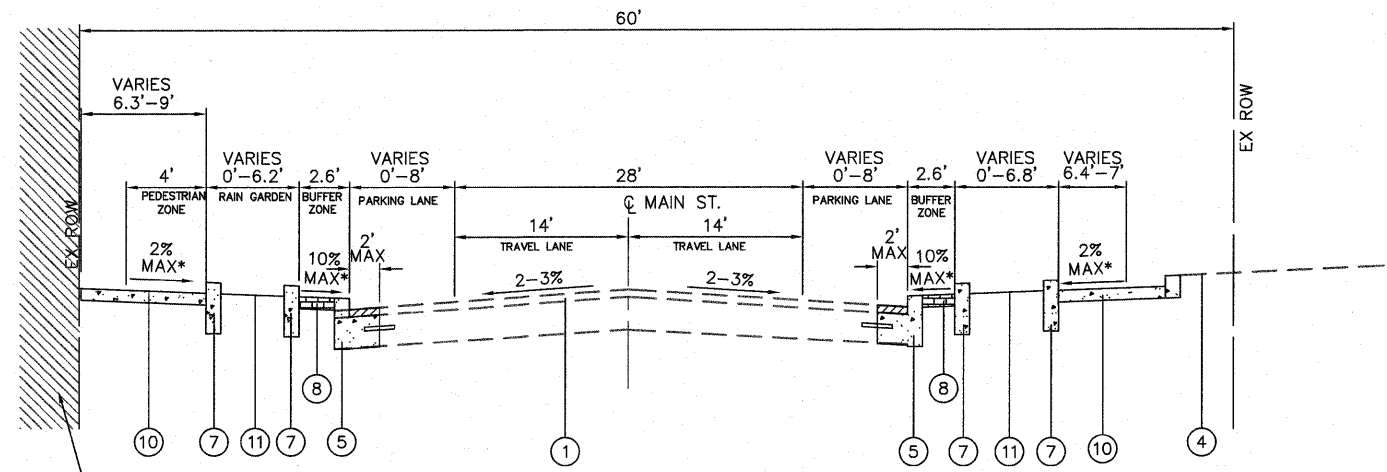
STA 22+29.00 TO STA 22+96.03  
(NOT TO SCALE)

EXISTING STORE FRONT (TYP)

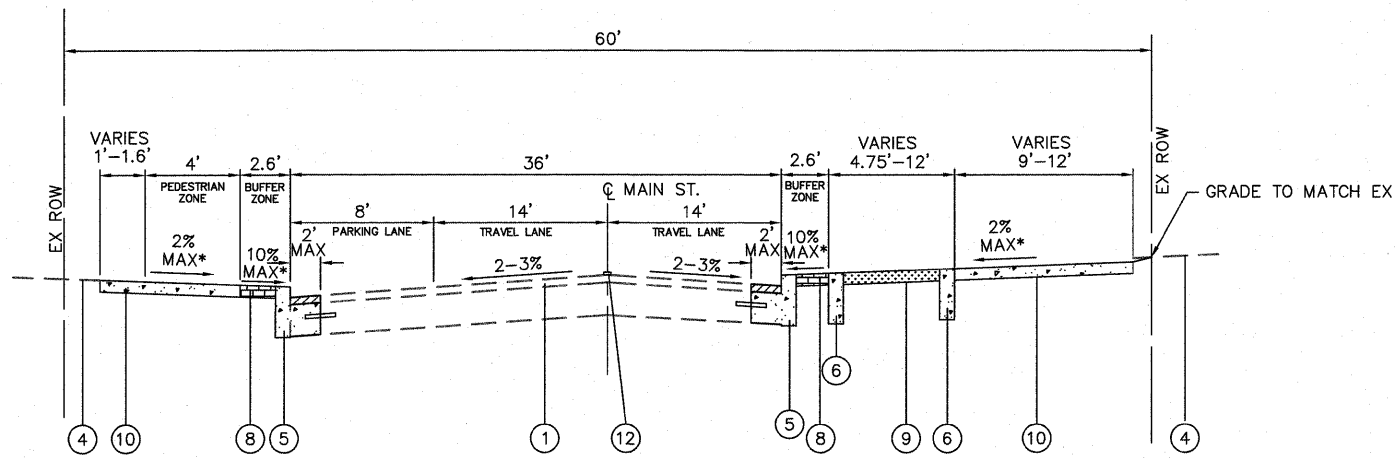
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	PLOT SCALE = 4 1/8" = 1'	CHECKED - TLC	REVISED -				CONTRACT NO. 97468				
PLOT DATE = 2011-05-10	DATE - 2010-06-11	REVISED -	SCALE:		SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	COLUMBIA ILLINOIS FED. AID PROJECT				



**PROPOSED TYPICAL SECTION**  
 STA 23+91.49 TO STA 24+45.33  
 (NOT TO SCALE) \* SEE CROSS SECTIONS

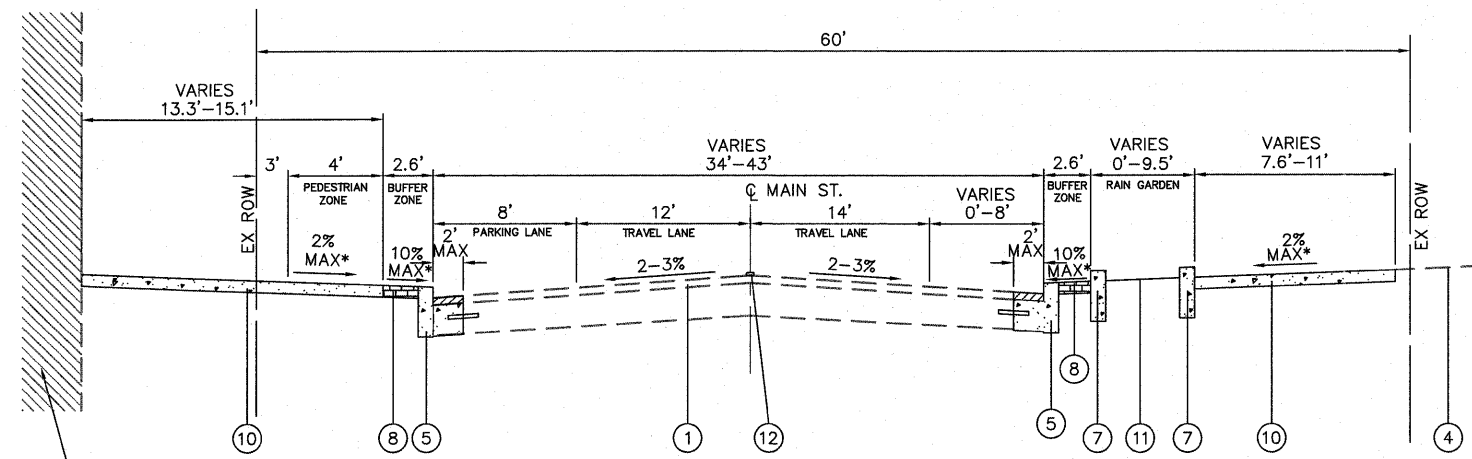


**PROPOSED TYPICAL SECTION**  
 STA 24+45.33 TO STA 25+06.39  
 (NOT TO SCALE) \* SEE CROSS SECTIONS



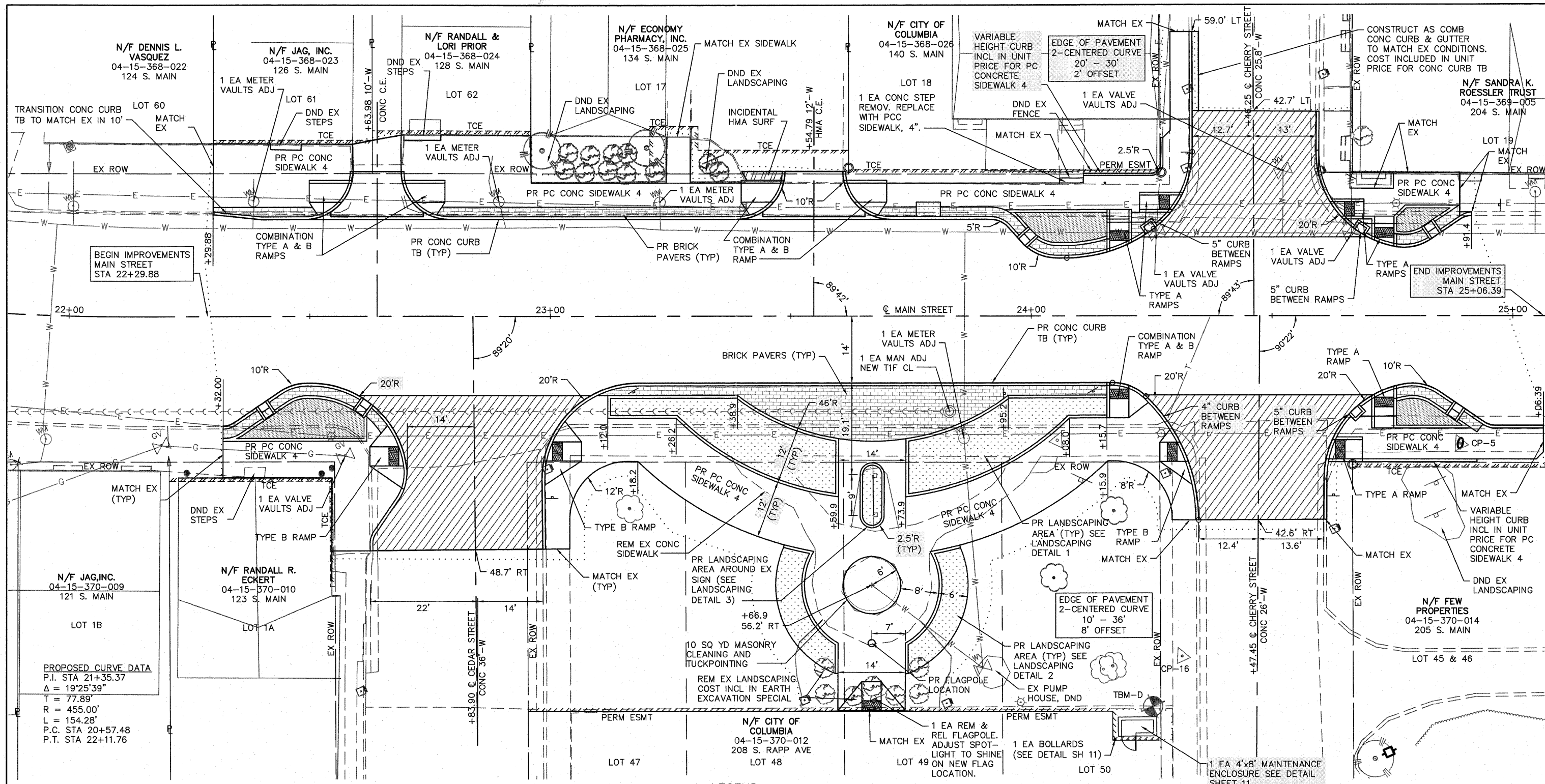
**PROPOSED TYPICAL SECTION**  
 STA 23+03.37 TO STA 23+91.49  
 (NOT TO SCALE) \* SEE CROSS SECTIONS

INCIDENTAL HMA MIX DESIGN	
AC/PG	PG 64-22
RAP % (MAX)	10%
DESIGN AIR VOIDS	4% @ Ndes = 70
MIXTURE COMPOSITION	IL 9.5
FRICTION AGGREGATE	MIXTURE C



**PROPOSED TYPICAL SECTION**  
 STA 22+29.00 TO STA 23+03.37  
 (NOT TO SCALE) \* SEE CROSS SECTIONS

- LEGEND**
- ① EXISTING HOT-MIX ASPHALT ROADWAY, 2-1/4"
  - ② EXISTING CONCRETE CURB TYPE B
  - ③ EXISTING PORTLAND CEMENT CONCRETE SIDEWALK
  - ④ EXISTING LAWN AREA
  - ⑤ PROPOSED CONCRETE CURB TYPE B (HIGHWAY STANDARD 606001). PAY ITEM INCLUDES EPOXY COATED TIE BARS, VARIABLE WIDTH 10" DEEP PCC WIDENING, AND INCIDENTAL HMA SURFACING 2" NECESSARY TO RESTORE ADJACENT PAVEMENT. THESE ITEMS SHALL BE INCLUDED IN THE UNIT PRICE FOR CONCRETE CURB TYPE B.
  - ⑥ PROPOSED CONCRETE CURB TYPE B 33" (SPECIAL)
  - ⑦ PROPOSED CONCRETE CURB TYPE B 47" (SPECIAL)
  - ⑧ PROPOSED BRICK PAVERS
  - ⑨ PROPOSED LANDSCAPING AREA
  - ⑩ PROPOSED PCC SIDEWALK, 4"
  - ⑪ PROPOSED RAIN GARDEN AREA
  - ⑫ PROPOSED POLYUREA PAVEMENT MARKING LINE



BEGIN IMPROVEMENTS  
MAIN STREET  
STA 22+29.88

END IMPROVEMENTS  
MAIN STREET  
STA 25+06.39

PROPOSED CURVE DATA  
P.I. STA 21+35.37  
Δ = 19°25'39"  
T = 77.89'  
R = 455.00'  
L = 154.28'  
P.C. STA 20+57.48  
P.T. STA 22+11.76

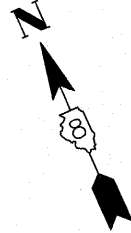
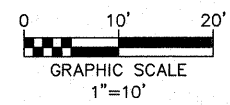
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E: 2287553.73  
EL: 517.14

BM "D"  
CUT ON CURB 75' +/- OF W. CHERRY AT  
CITY HALL PARKING LOT  
STA: 24+25.39  
OS: 81.61 RT  
EL: 517.53

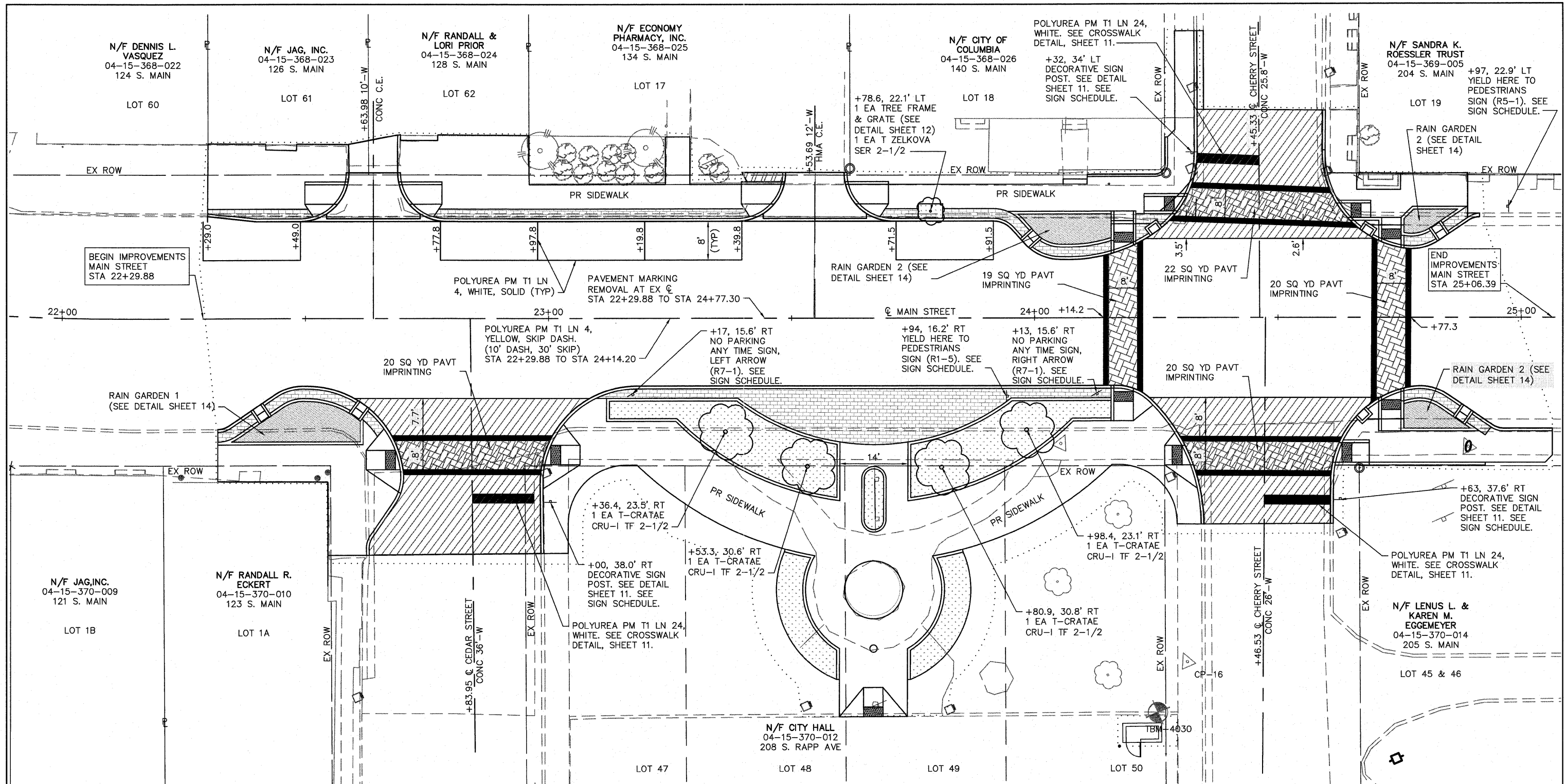
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EL: 516.97

LEGEND

- PR PORTLAND CEMENT CONCRETE PAVEMENT 7" (SEE PCC PAVEMENT DETAIL SHEET 16)
- PR LANDSCAPE AREA (SEE DETAIL SHEET 13)
- PR BRICK PAVER AREA (SEE DETAIL SHEET 16)
- PR DETECTABLE WARNING PANEL
- PR RAIN GARDEN AREA SEE DETAIL SHEET 14)
- PR INCIDENTAL HMA SURFACING
- CONSTRUCTION LIMITS











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	PLOT SCALE = 4 1/8" = 1'	CHECKED - TLC	REVISED -			SCALE:	SHEET NO. 1 OF 1 SHEETS	STA. 22+29.00 TO STA. 25+06.39	COLUMBIA	ILLINOIS
PLOT DATE = 2011-05-12	DATE = 2010-06-11	REVISED -	REVISED -							

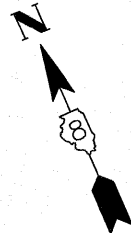
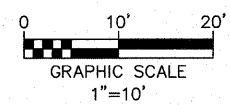


CP #16 - PK NAIL  
 N: 646436.09  
 E: 2287483.08  
 EL: 516.97

BM "D"  
 CUT ON CURB 75' +/- OF W. CHERRY AT  
 CITY HALL PARKING LOT  
 STA: 24+25.39  
 OS: 81.61 RT  
 EL: 517.53

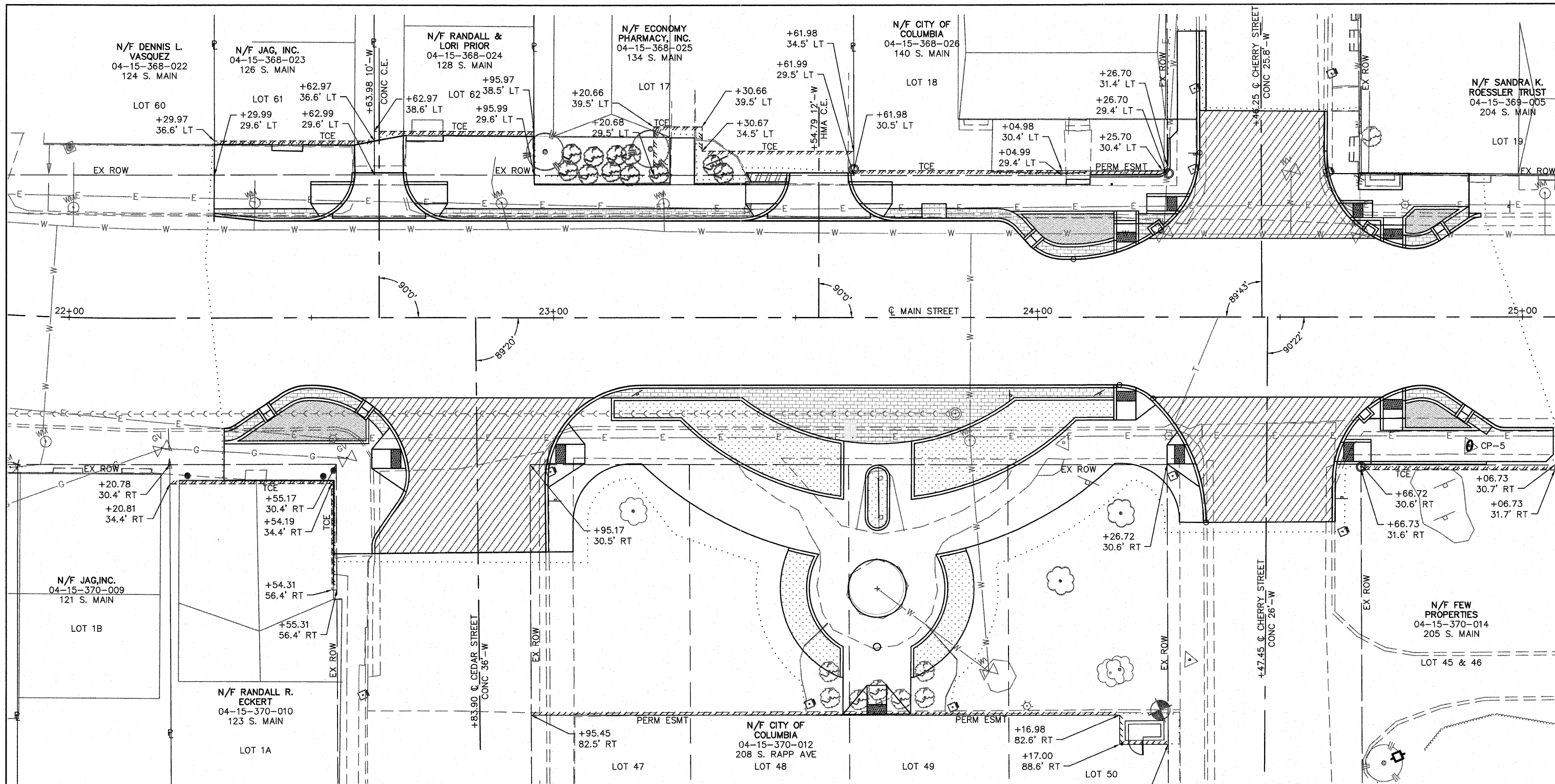
**LEGEND**

	PR PORTLAND CEMENT CONCRETE PAVEMENT 7" (SEE PCC PAVEMENT DETAIL SHEET 15)		PR RAIN GARDEN AREA SEE DETAIL SHEET 14)
	PR LANDSCAPE AREA (SEE DETAIL SHEET 13)		PR INCIDENTAL HMA SURFACING
	PR BRICK PAVER AREA (SEE DETAIL SHEET 11)		CONSTRUCTION LIMITS
	PR DETECTABLE WARNING PANEL		PR PAVEMENT IMPRINTING










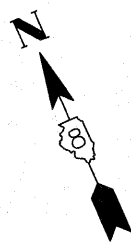
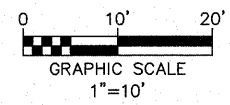
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PLOT SCALE = 4 1/4" = 1'				SCALE: SHEET NO. 1 OF 1 SHEETS		STA. 22+29.00 TO STA. 25+06.39		CONTRACT NO. 97468		
PLOT DATE = 2011-05-12				DATE = 2010-06-11		ILLINOIS		FED. AID PROJECT		





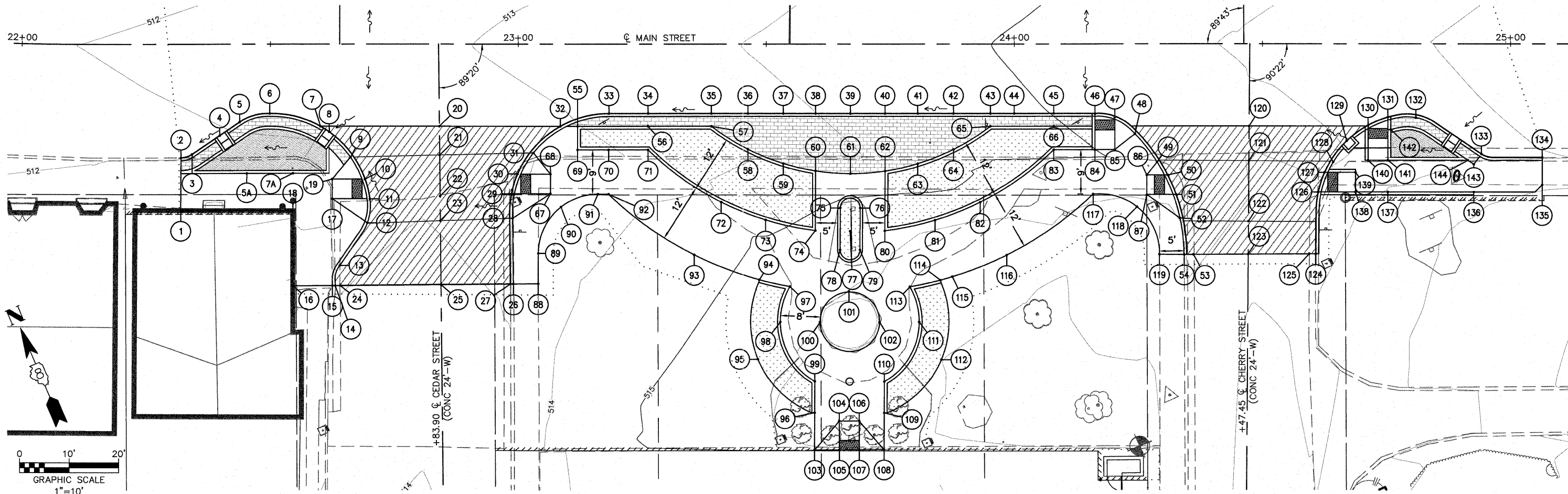
**LEGEND**

-  PR PORTLAND CEMENT CONCRETE PAVEMENT 7" (SEE PCC PAVEMENT DETAIL SHEET 16)
-  PR LANDSCAPE AREA (SEE DETAIL SHEET 13)
-  PR BRICK PAVER AREA (SEE DETAIL SHEET 16)
-  PR DETECTABLE WARNING PANEL
-  PR RAIN GARDEN AREA SEE DETAIL SHEET 14)
-  PR INCIDENTAL HMA SURFACING
-  CONSTRUCTION LIMITS



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PLOT SCALE = 4 1/8" = 1'		CHECKED - TLC	REVISED -	SCALE: SHEET NO. 1 OF 1 SHEETS STA. 22+29.00 TO STA. 25+06.39		COLUMBIA ILLINOIS FED. AID PROJECT		CONTRACT NO. 97468		
PLOT DATE = 2011-05-12		DATE - 2010-06-11	REVISED -							

PT. NO.	STATION	OFFSET	ELEVATION	LOCATION	PT. NO.	STATION	OFFSET	ELEVATION	LOCATION	PT. NO.	STATION	OFFSET	ELEVATION	LOCATION	PT. NO.	STATION	OFFSET	ELEVATION	LOCATION	
1	22+31.95	33.64 RT	512.55 ME	SW	41	23+80.55	14.00 RT	514.39 ME	EOP	81	23+84.06	35.61 RT	515.98	SW	121	24+47.31	23.59 RT	515.63	CL	
2	22+32.00	22.93 RT	511.68 ME	EOP	42	23+87.76	14.00 RT	514.58 ME	EOP	82	23+93.15	31.97 RT	516.16	SW	122	24+47.23	35.88 RT	516.01	CL	
3	22+34.24	22.24 RT	511.75	EOP	43	23+95.21	14.00 RT	514.74 ME	EOP	83	24+07.97	21.33 RT	516.03	SW	123	24+47.19	42.57 RT	516.50	CL	
4	22+39.79	18.46 RT	511.95	EOP	44	24+00.00	14.00 RT	514.84 ME	EOP	84	24+16.29	21.33 RT	515.56	SW	124	24+60.81	42.50 RT	516.38-516.78	FL-BC	
5	22+43.79	15.68 RT	512.06	EOP	45	24+07.97	14.00 RT	515.02 ME	EOP	85	24+26.75	21.34 RT	515.64	SW	125	24+59.48	42.49 RT	516.43 ME	EOP	
5A	22+45.28	26.09 RT	512.61-512.94	SW-BC	46	24+16.29	14.06 RT	515.19 ME	EOP	86	24+26.75	26.44 RT	515.74	SW	126	24+61.26	29.94 RT	516.07 ME	EOP	
6	22+49.90	14.00 RT	512.17	EOP	47	24+20.29	14.76 RT	515.25 ME	EOP	87	24+26.75	30.44 RT	515.82	SW	127	24+62.54	25.94 RT	515.97 ME	EOP	
7	22+60.12	16.58 RT	512.16	EOP	48	24+24.35	18.14 RT	515.63-515.30	BC-EOP	88	23+04.08	48.50 RT	513.47 ME	SW	128	24+64.29	23.85 RT	516.40	BC	
7A	22+54.58	26.09 RT	512.75-513.08	SW-BC	49	24+28.80	23.84 RT	515.77-515.44	BC-EOP	89	23+04.08	42.34 RT	513.36	SW	129	24+67.00	19.57 RT	516.11	EOP	
8	22+61.90	17.70 RT	512.16	EOP	50	24+30.94	26.45 RT	515.50	EOP	90	23+08.63	32.92 RT	513.49	SW	130	24+71.30	16.47 RT	516.24 ME	EOP	
9	22+66.14	22.86 RT	512.73	BC	51	24+32.67	30.45 RT	515.59 ME	EOP	91	23+16.08	30.33 RT	513.82	SW	131	24+75.30	14.79 RT	516.40 ME	EOP	
10	22+69.08	27.23 RT	512.31	EOP	52	24+33.44	35.25 RT	516.01-515.70	BC-EOP	92	23+18.21	30.34 RT	513.87	SW	132	24+80.93	14.88 RT	517.10	BC	
11	22+70.09	31.26 RT	512.39	EOP	53	24+36.13	42.62 RT	515.94	CL	93	23+35.51	42.65 RT	514.70	SW	133	24+94.14	22.22 RT	516.67 ME	EOP	
12	22+69.60	36.15 RT	512.90-512.40	BC-EOP	54	24+34.31	42.63 RT	516.22 ME	BC	94	23+48.76	47.72 RT	515.30	SW	134	25+06.39	22.92 RT	516.89 ME	EOP	
13	22+64.07	44.79 RT	513.35-512.85	BC-EOP	55	23+11.96	16.58 RT	513.60	SW	95	23+48.38	63.71 RT	515.60	LSA	135	25+06.39	28.48 RT	517.61 ME	SW	
14	22+63.14	48.90 RT	512.96 ME	FL	56	23+26.16	16.58 RT	513.90	SW	96	23+59.85	74.87 RT	516.40	SW	136	24+92.61	29.94 RT	517.32-517.32	SW-BC	
15	22+62.56	48.91 RT	513.31 ME	BC	57	23+38.93	16.58 RT	514.16	SW	97	23+54.81	49.07 RT	515.65	SW	137	24+75.30	29.94 RT	516.63-517.08	SW-BC	
16	22+54.60	48.92 RT	513.33 ME	SW	58	23+46.31	21.22 RT	514.39	SW	98	23+52.89	56.20 RT	515.84	SW	138	24+68.78	29.94 RT	516.50-517.00	SW-BC	
17	22+62.51	31.26 RT	512.87	SW	59	23+53.44	24.09 RT	514.57	SW	99	23+59.87	68.26 RT	516.03	SW	139	24+68.78	25.94 RT	516.42	SW	
18	22+54.58	33.73 RT	512.90	SW	60	23+59.96	25.60 RT	514.72	SW	100	23+60.89	56.20 RT	516.00	SW	140	24+71.30	23.50 RT	516.42	SW	
19	22+62.50	27.23 RT	512.79	SW	61	23+66.96	26.15 RT	514.86	SW	101	23+66.71	50.03 RT	515.95	SW	141	24+75.30	23.50 RT	516.50-517.27	SW-BC	
20	22+84.09	16.58 RT	512.52	CL	62	23+73.96	25.63 RT	514.96	SW	102	23+72.89	56.20 RT	516.33	SW	142	24+75.88	17.30 RT	516.94-517.27	BRICK-BC	
21	22+84.16	22.40 RT	512.43	CL	63	23+80.55	24.14 RT	515.08	SW	103	23+59.83	82.35 RT	515.40 ME	EOP	143	24+92.61	24.31 RT	517.21	SW	
22	22+84.25	30.75 RT	512.58	CL	64	23+87.76	21.25 RT	515.22	SW	104	23+64.80	76.33 RT	516.04	SW	144	24+91.43	23.50 RT	517.14-517.40	SW-BC	
23	22+84.31	35.73 RT	512.71	CL	65	23+95.21	16.58 RT	515.28	SW	105	23+64.83	82.33 RT	515.56 ME	EOP						
24	22+64.14	48.88 RT	512.97 ME	EOP	66	24+07.97	16.58 RT	515.56	SW	106	23+68.80	76.31 RT	516.12	SW						
25	22+84.46	48.69 RT	513.16 ME	CL	67	23+06.50	30.22 RT	513.42	SW	107	23+68.83	82.31 RT	515.67 ME	EOP						
26	22+99.04	48.55 RT	513.36 ME	BC	68	23+05.50	26.22 RT	513.49	SW	108	23+73.83	82.29 RT	515.81	EOP						
27	22+98.46	48.55 RT	512.92	EOP	69	23+11.96	21.33 RT	513.41	SW	109	23+68.80	76.31 RT	516.40	SW						
28	22+98.88	35.21 RT	513.28	BC	70	23+18.22	21.33 RT	513.71	SW	110	23+73.87	68.29 RT	516.20	SW						
29	22+98.67	30.24 RT	512.78	EOP	71	23+26.18	21.35 RT	513.96	SW	111	23+80.89	56.20 RT	516.27	SW						
30	22+99.90	26.18 RT	512.84	EOP	72	23+40.91	31.93 RT	514.63	SW	112	23+85.37	63.81 RT	516.80	LSA						
31	23+03.08	21.94 RT	513.15	BC	73	23+49.90	35.56 RT	514.95	SW	113	23+79.01	49.13 RT	516.11	SW						
32	23+08.47	16.58 RT	512.88	EOP	74	23+59.94	37.71 RT	515.54	SW	114	23+85.07	47.80 RT	516.18	SW						
33	23+18.31	14.00 RT	513.20	EOP	75	23+64.93	33.13 RT	516.05	BC	115	23+87.56	47.09 RT	516.22	SW						
34	23+26.16	14.00 RT	513.36 ME	EOP	76	23+68.95	33.14 RT	516.13	BC	116	23+98.53	42.70 RT	516.28	SW						
35	23+38.93	14.00 RT	513.62 ME	EOP	77	23+66.94	37.84 RT	515.68	GROUND	117	24+15.94	30.33 RT	515.74	SW						
36	23+46.31	14.00 RT	513.76 ME	EOP	78	23+64.95	41.64 RT	516.22	BC	118	24+24.77	32.93 RT	515.88	SW						
37	23+53.44	14.00 RT	513.88 ME	EOP	79	23+68.93	41.65 RT	516.30	BC	119	24+29.31	42.56 RT	516.32 ME	SW						
38	23+59.96	14.00 RT	514.00 ME	EOP	80	23+73.94	37.74 RT	515.82	SW	120	24+47.35	16.58 RT	515.80	CL						
39	23+66.96	14.00 RT	514.13 ME	EOP																
40	23+73.96	14.00 RT	514.24 ME	EOP																



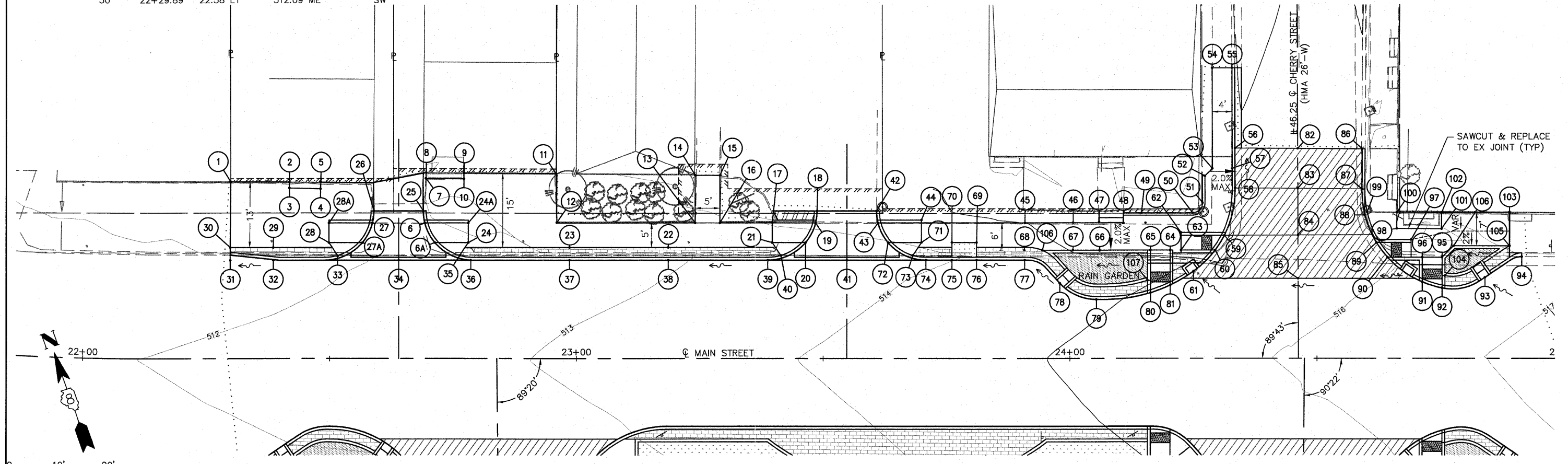
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

GRADING DETAILS

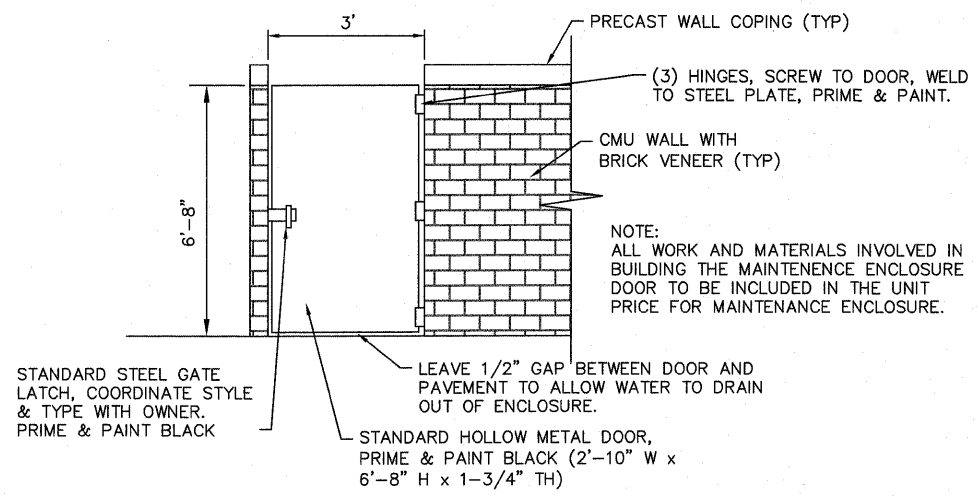
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		DATE - 2010-06-11	REVISED -

SCALE:	SHEET NO. 1 OF 2 SHEETS	STA. 22+29.00 TO STA. 25+06.39	F.A.U. RTE. 9302	SECTION 06-00045-00-SW	COUNTY MONROE	TOTAL SHEETS 24	SHEET NO. 10
			COLUMBIA		ILLINOIS FED. AID PROJECT		
			CONTRACT NO. 97468				

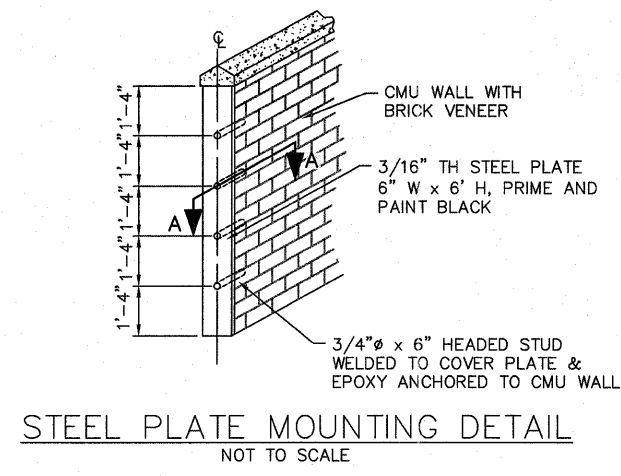
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1	22+29.97	35.95	512.42	ME SW	31	22+29.88	20.00	511.58	ME EOP	61	24+25.00	17.71	515.00	EOP (LOW POINT)	91	24+71.30	15.57	516.26	ME-EOP-BC	
2	22+41.85	35.88	513.01-512.46	ME STEP-SW	32	22+38.60	20.00	511.66	ME EOP	62	24+22.49	25.00	515.56	SW	92	24+75.30	14.35	516.38	EOP	
3	22+41.86	34.67	513.03-512.54	ME STEP-SW	33	22+51.62	20.96	512.35	ME BC	63	24+27.73	22.00	515.50	SW	93	24+84.00	16.52	516.55	EOP	
4	22+48.15	34.50	513.03-512.65	ME STEP-SW	34	22+63.98	20.00	512.08	ME BC	64	24+20.29	22.00	515.54	SW	94	24+91.42	20.71	516.54	EOP	
5	22+48.22	35.84	513.30-512.62	ME STEP-SW	35	22+76.34	20.96	512.75	ME BC	65	24+16.29	22.00	515.46-515.91	SW-BC	95	24+75.30	20.57	516.73-517.09	SW-BC	
6	22+69.28	27.58	512.69	ME EOP	36	22+78.60	20.00	512.29	ME EOP	66	24+05.85	22.00	515.19	SW	96	24+71.30	20.57	516.65	SW	
6A	22+71.31	23.58	512.61	ME EOP	37	22+98.60	20.00	512.59	ME EOP	67	24+00.57	22.58	515.12	SW	97	24+69.05	24.15	516.65	SW	
7	22+69.54	36.65	513.81-513.08	ME STEP-SW	38	23+18.60	20.00	512.91	ME EOP	68	23+90.81	22.58	514.95	SW	98	24+66.14	26.41	516.57	ME SW	
8	22+69.56	37.78	513.80-12.85	ME STEP-SW	39	23+38.77	20.00	513.34	ME EOP	69	23+81.07	23.58	514.7	SW	99	24+60.14	29.74	516.40	BC	
9	22+77.23	37.74	514.46-13.75	ME STEP-SW	40	23+41.41	20.96	513.88	ME BC	70	23+76.07	23.58	514.6	SW	100	24+66.15	29.70	516.56	ME SW	
10	22+77.22	36.57	513.80-13.10	ME STEP-SW	41	23+54.79	20.00	513.65	ME EOP	71	23+69.81	23.58	514.49	SW	101	24+75.17	26.37	516.84	ME SW	
11	22+95.85	37.63	513.53	ME SW	42	23+60.80	30.00	514.35	ME EOP	72	23+63.13	23.58	514.15	SW	102	24+75.19	29.59	516.96	ME SW	
12	22+96.03	27.66	513.24	ME SW	43	23+61.10	7.58	514.23	ME SW	73	23+68.16	20.96	514.41	ME BC	103	24+88.96	29.76	517.29	ME SW	
13	23+24.06	27.58	513.68	ME SW	44	23+69.91	27.58	514.57	ME SW	74	23+70.80	20.00	513.91	ME EOP	104	24+75.88	16.87	516.92-517.09	BRICK-BC	
14	23+24.06	37.26	514.48	ME SW	45	23+90.81	27.58	515.03	ME SW	75	23+76.07	20.00	513.99	ME EOP	105	24+88.96	22.89	517.05-517.38	SW-BC	
15	23+29.06	37.26	514.73	ME SW	46	24+00.58	27.58	515.24	ME SW	76	23+81.07	20.00	514.07	ME EOP	106	24+77.62	22.89	516.80-517.09	SW-BC	
16	23+29.06	27.58	513.86	ME SW	47	24+05.58	27.58	515.30	ME SW	77	23+90.82	20.00	514.26	ME EOP						
17	23+39.63	27.58	514.28	ME SW	48	24+10.77	27.58	515.38	ME SW	78	23+97.84	15.42	514.60	ME EOP						
18	23+48.77	30.00	514.27	ME EOP	49	24+14.47	29.58	515.84-515.56	BC-SW	79	24+05.36	12.02	514.89	ME EOP						
19	23+48.48	27.58	513.98	ME SW	50	24+24.83	29.58	515.84-515.63	BC-SW	80	24+16.29	13.35	515.04	ME EOP						
20	23+46.44	23.58	513.90	ME SW	51	24+26.83	31.59	515.82-515.62	BC-SW	81	24+20.29	14.91	515.04	ME EOP						
21	23+39.67	23.58	513.50	ME SW	52	24+27.31	37.08	515.74	ME SW	82	24+46.04	42.65	515.50	ME CL						
22	23+18.61	22.58	513.60	ME SW	53	24+28.80	38.59	515.62	ME SW	83	24+46.08	34.55	515.47	ME CL						
23	22+98.16	22.58	513.35	ME SW	54	24+28.73	59.00	515.48	ME SW	84	24+46.13	25.08	515.74	ME CL						
24	22+78.09	23.58	512.84	ME SW	55	24+32.73	59.02	515.48	ME SW	85	24+46.17	16.27	515.56	ME CL						
24A	22+78.09	27.58	512.92	ME SW	56	24+33.37	42.72	515.10	ME EOP	86	24+59.14	42.58	515.60	ME EOP						
25	22+68.98	30.00	512.90	ME EOP	57	24+32.80	38.60	515.7	ME BC	87	24+59.09	34.41	515.74	ME EOP						
26	22+58.98	30.00	512.65	ME EOP	58	24+33.39	34.62	515.21	ME EOP	88	24+59.69	29.15	515.84	ME EOP						
27	22+58.68	27.58	512.41	ME EOP	59	24+31.26	25.00	515.11	ME EOP	89	24+62.02	23.57	516.10	ME EOP						
27A	22+56.65	23.58	512.33	ME EOP	60	24+29.40	22.00	515.06	ME EOP	90	24+64.26	20.57	516.18	ME EOP						
28	22+49.88	23.58	512.47	ME SW																
28A	22+49.88	27.58	512.55	ME SW																
29	22+68.60	22.58	512.26	ME SW																
30	22+29.89	22.58	512.09	ME SW																



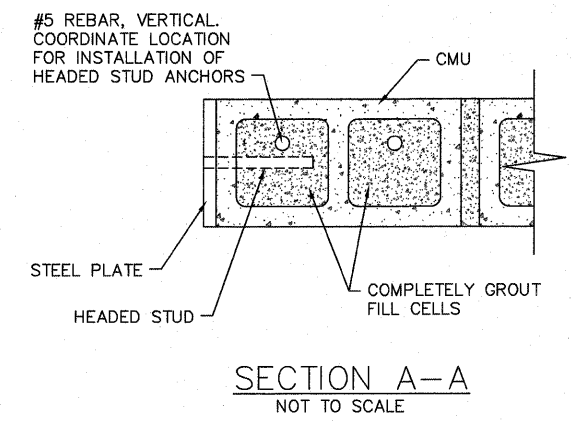
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	PLOT SCALE = 4 1/8" = 1'	CHECKED - TLC	REVISED -		SCALE:	SHEET NO. 2 OF 2 SHEETS	STA. 22+29.00 TO STA. 25+06.39	CONTRACT NO. 97468					
	PLOT DATE = 2011-05-12	DATE = 2010-06-11	REVISED -		COLUMBIA ILLINOIS FED. AID PROJECT								



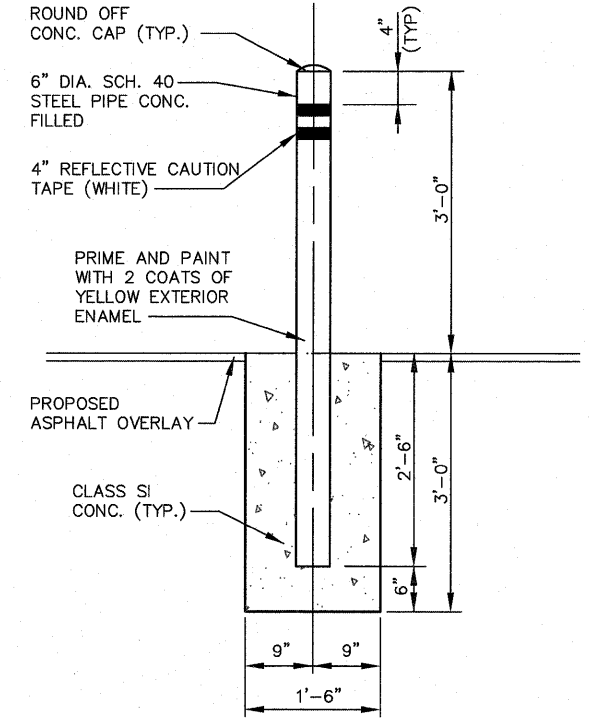
**MAINTENANCE ENCLOSURE DOOR DETAIL**  
NOT TO SCALE



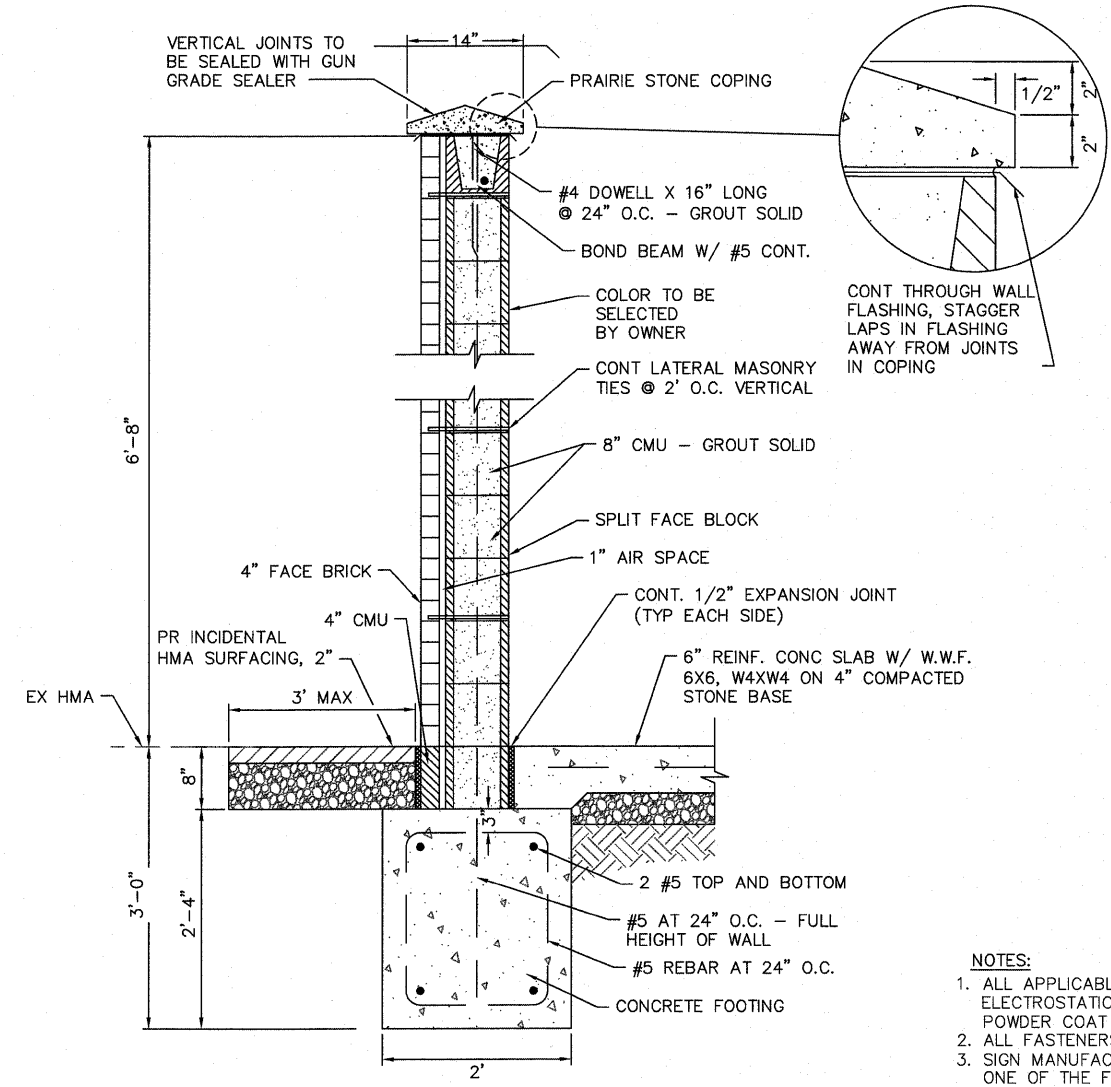
**STEEL PLATE MOUNTING DETAIL**  
NOT TO SCALE



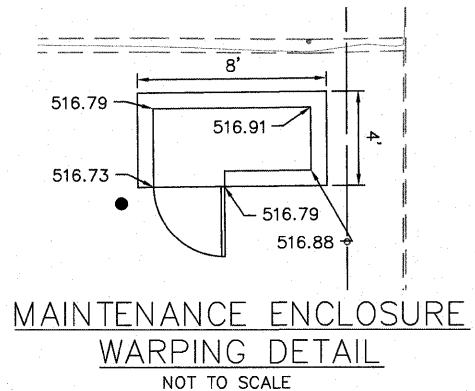
**SECTION A-A**  
NOT TO SCALE



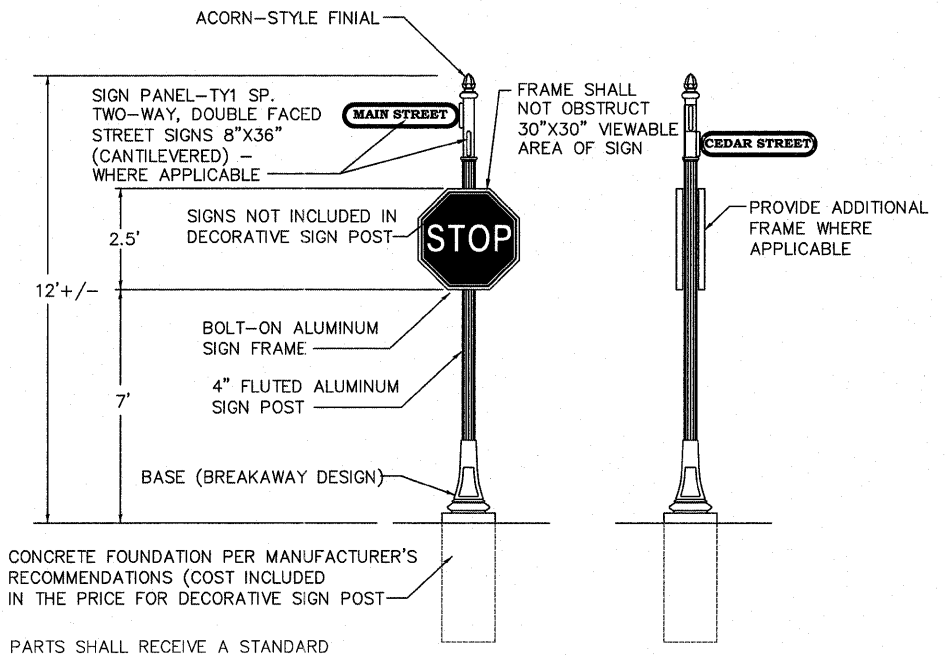
**PIPE BOLLARD DETAIL**  
NOT TO SCALE



**MAINTENANCE ENCLOSURE WALL DETAIL**  
NOT TO SCALE

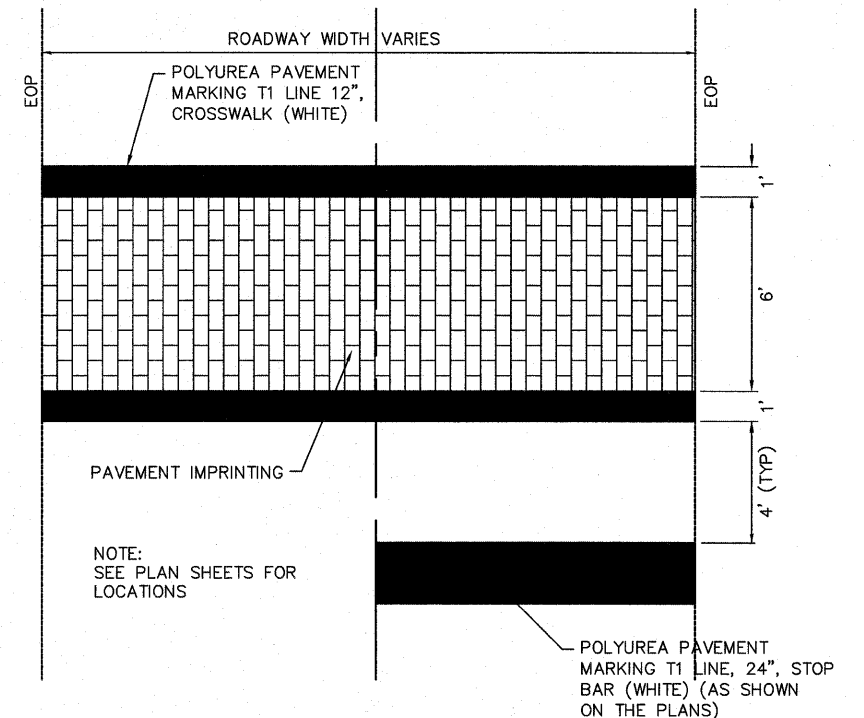


**MAINTENANCE ENCLOSURE WARPING DETAIL**  
NOT TO SCALE



**FRONT VIEW SIDE VIEW**  
NOT TO SCALE  
**DECORATIVE SIGN POST**  
NOT TO SCALE

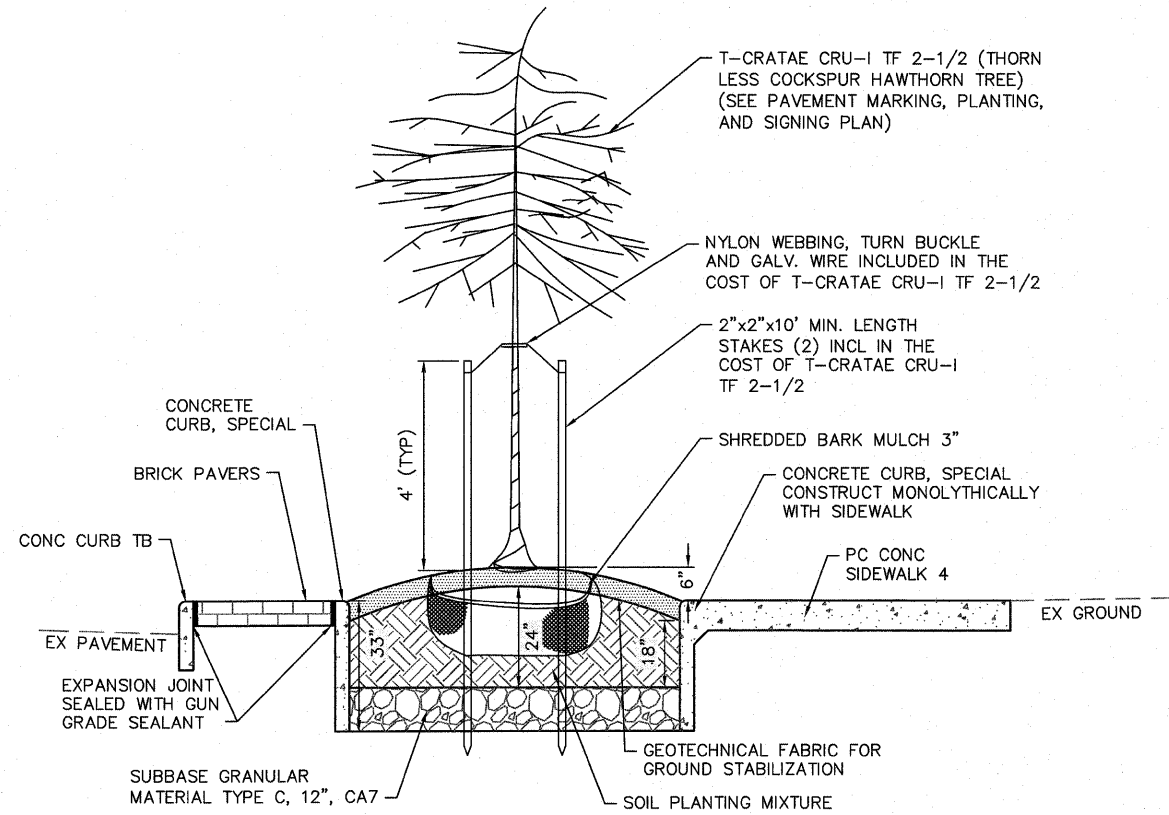
- NOTES:**
1. ALL APPLICABLE PARTS SHALL RECEIVE A STANDARD ELECTROSTATICALLY APPLIED THERMOSET POLYESTER POWDER COAT SMOOTH SEMI-GLOSS BLACK FINISH.
  2. ALL FASTENERS SHALL BE STAINLESS STEEL.
  3. SIGN MANUFACTURER AND TYPE SHALL BE ONE OF THE FOLLOWING:  
HOLOPHANE INDUSTRIES,  
THE STREETSCAPE COMPANY, LLC,  
BRANDON INDUSTRIES,  
STERNBERG LIGHTING
  4. BASE AND POST SHOULD MATCH LIGHT FIXTURE STYLE TO THE SATISFACTION OF THE ENGINEER.



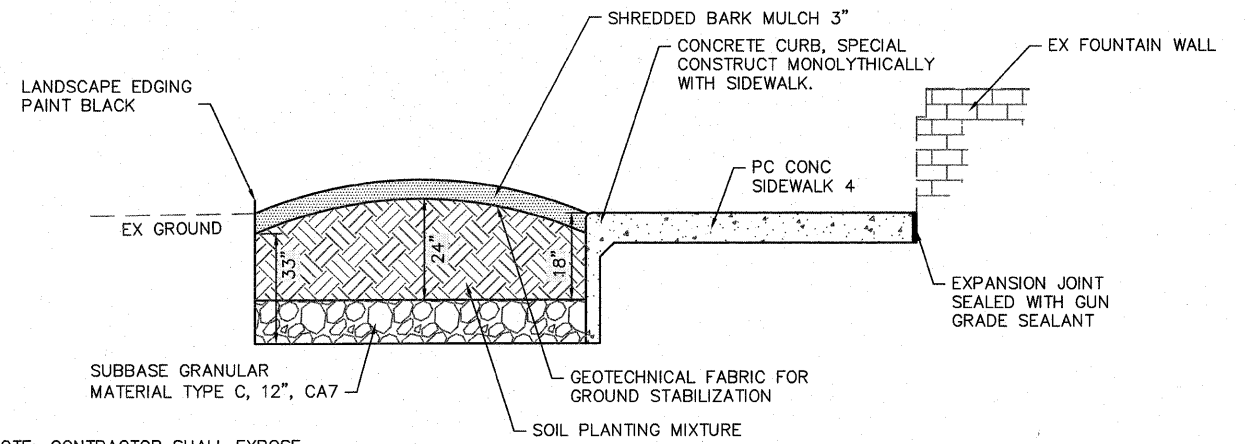
**PAVEMENT IMPRINTING/CROSSWALK DETAIL**  
NOT TO SCALE

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PLOT DATE = 2011-05-10	DATE = 2010-06-11	REVISED -	REVISED -							



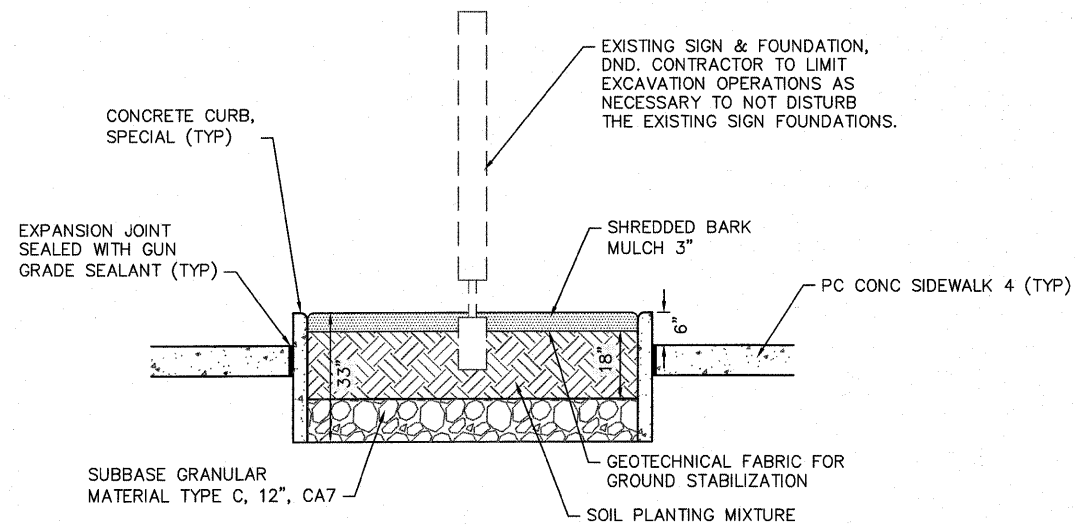


LANDSCAPING DETAIL 1  
NOT TO SCALE



NOTE: CONTRACTOR SHALL EXPOSE UTILITIES AND COORDINATE WORK TO AVOID DISRUPTION OF SERVICE TO EXISTING UTILITIES.

LANDSCAPING DETAIL 2  
NOT TO SCALE



LANDSCAPING DETAIL 3  
NOT TO SCALE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DETAILS

FILE NAME =  
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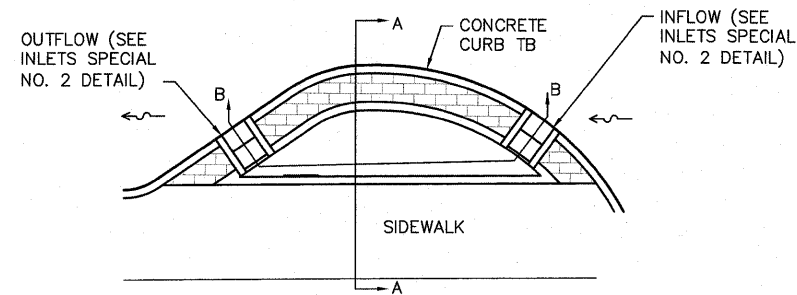
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PLOT DATE = 2011-06-20

DESIGNED - SLW  
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DATE - 2010-06-11

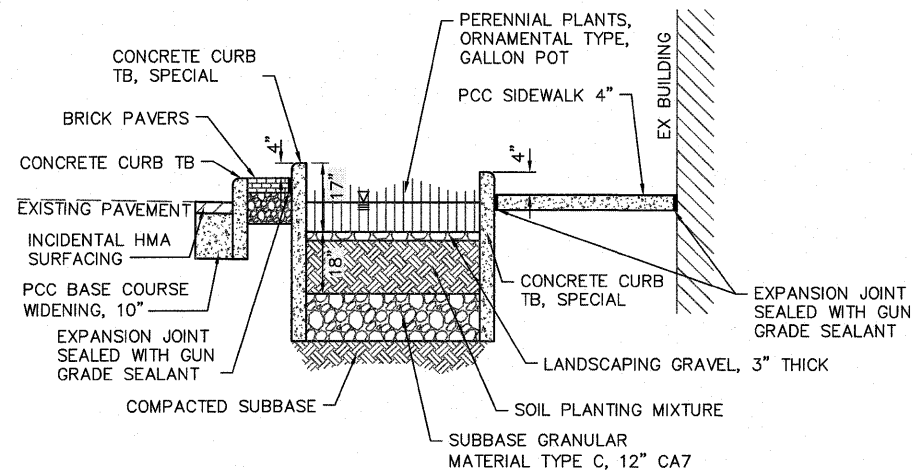
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SCALE: SHEET NO. 3 OF 6 SHEETS STA. 22+29.00 TO STA. 25+06.39

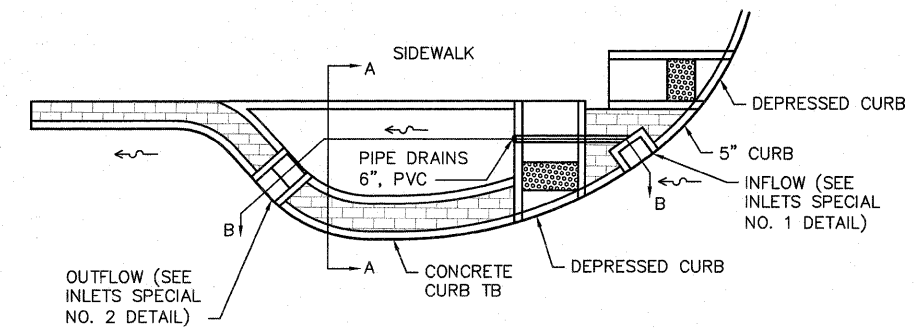
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9302	06-00045-00-SW	MONROE	24	14
CONTRACT NO. 97468				
COLUMBIA ILLINOIS FED. AID PROJECT				



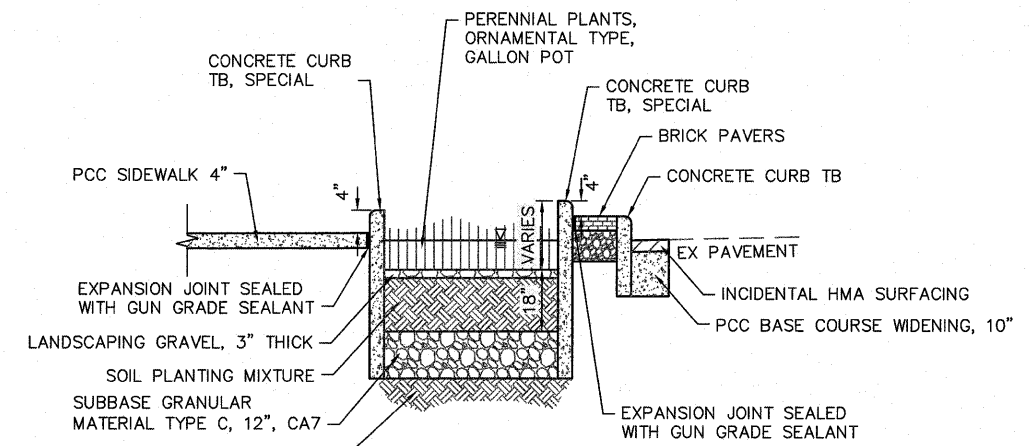
PLAN VIEW



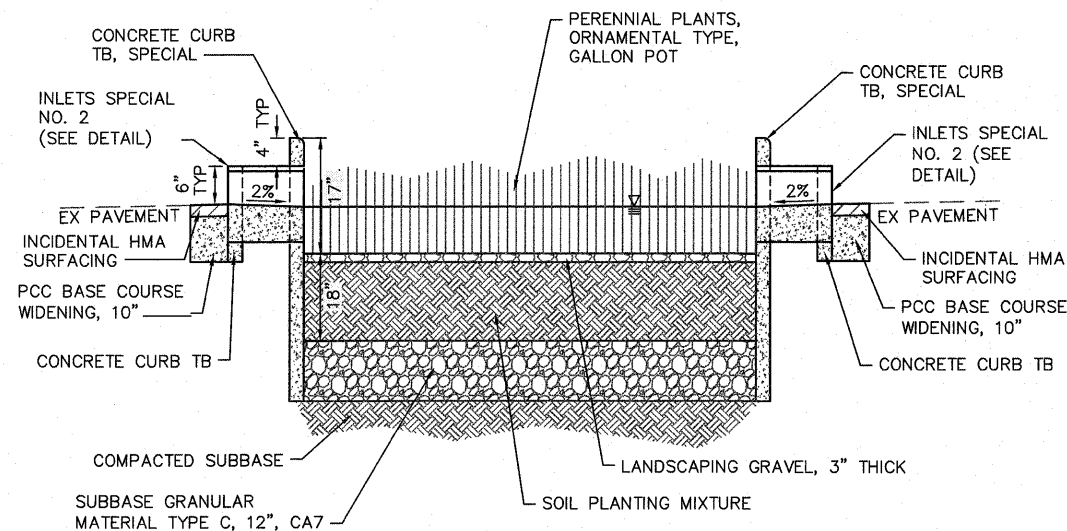
SECTION A-A



PLAN VIEW



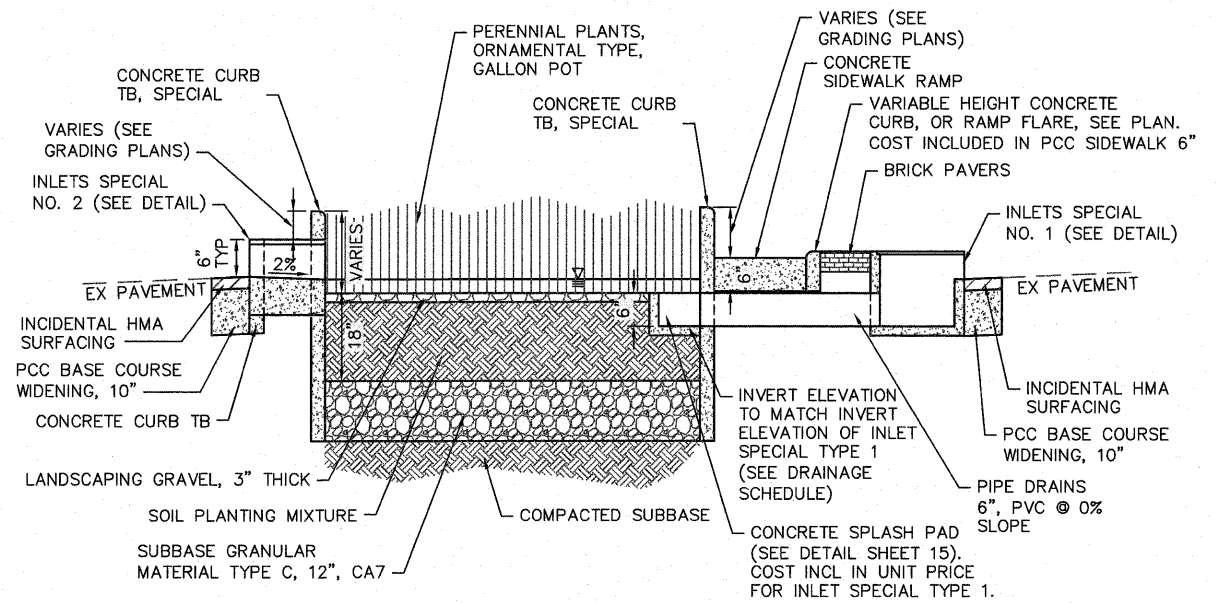
SECTION A-A



SECTION B-B

RAIN GARDEN DETAIL 1

NOT TO SCALE



SECTION B-B

RAIN GARDEN DETAIL 2

NOT TO SCALE

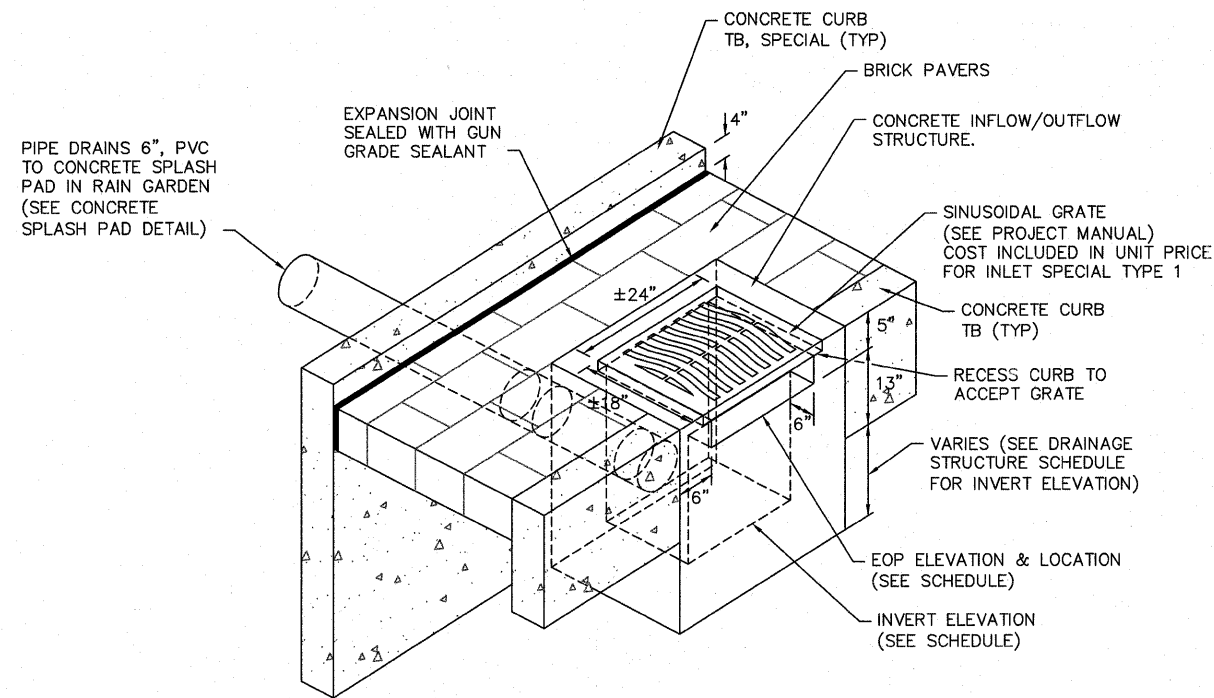
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DETAILS

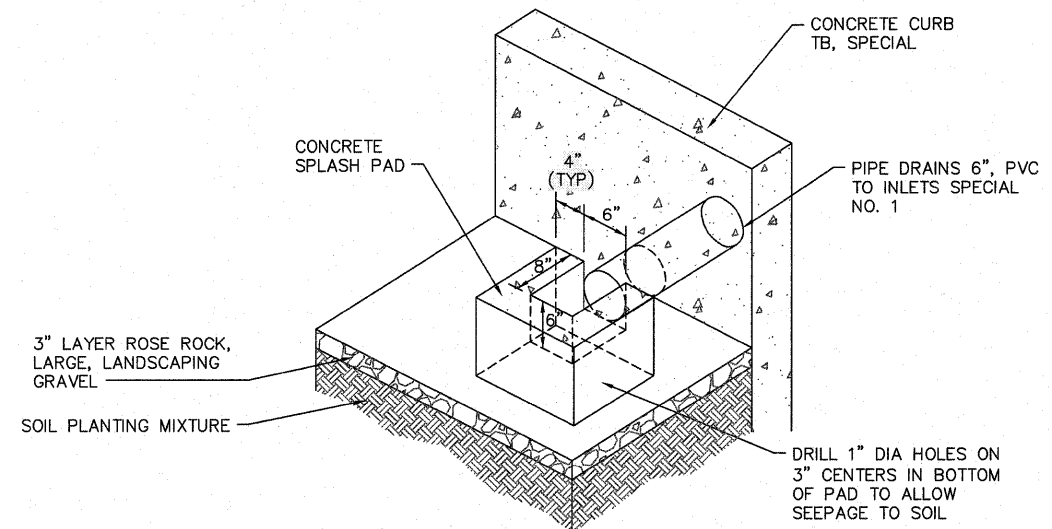
SCALE: SHEET NO. 4 OF 6 SHEETS STA. 22+29.00 TO STA. 25+06.39

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9302	06-00045-00-SW	MONROE	24	15
CONTRACT NO. 97468				
COLUMBIA ILLINOIS FED. AID PROJECT				



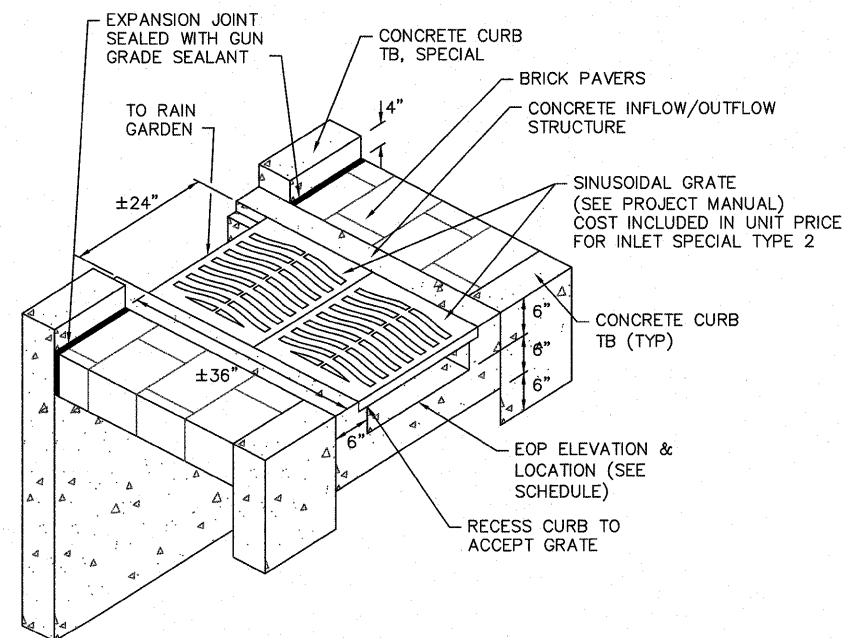
**INLETS SPECIAL NUMBER 1 DETAIL**

NOT TO SCALE  
 STA 24+25, 17.7' LT (INFLOW)  
 STA 24+67, 19.6' RT (OUTFLOW)  
 STA 24+68, 17.4' LT (OUTFLOW)



**CONCRETE SPLASH PAD DETAIL**

NOT TO SCALE



**INLETS SPECIAL NUMBER 2 DETAIL**

NOT TO SCALE  
 STA 22+40, 18.3' RT (OUTFLOW)  
 STA 22+62, 17.8' RT (INFLOW)  
 STA 23+98, 15.2' LT (OUTFLOW)  
 STA 24+84, 16.5' LT (INFLOW)  
 STA 24+89, 18.7' RT (INFLOW)

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		DRAWN - SLW	REVISED -
		CHECKED - TLC	REVISED -
		DATE - 2011-06-20	REVISED -

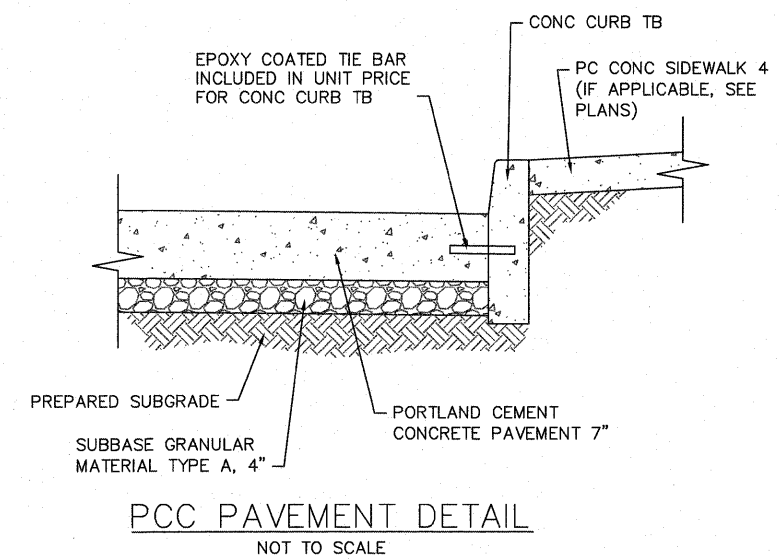
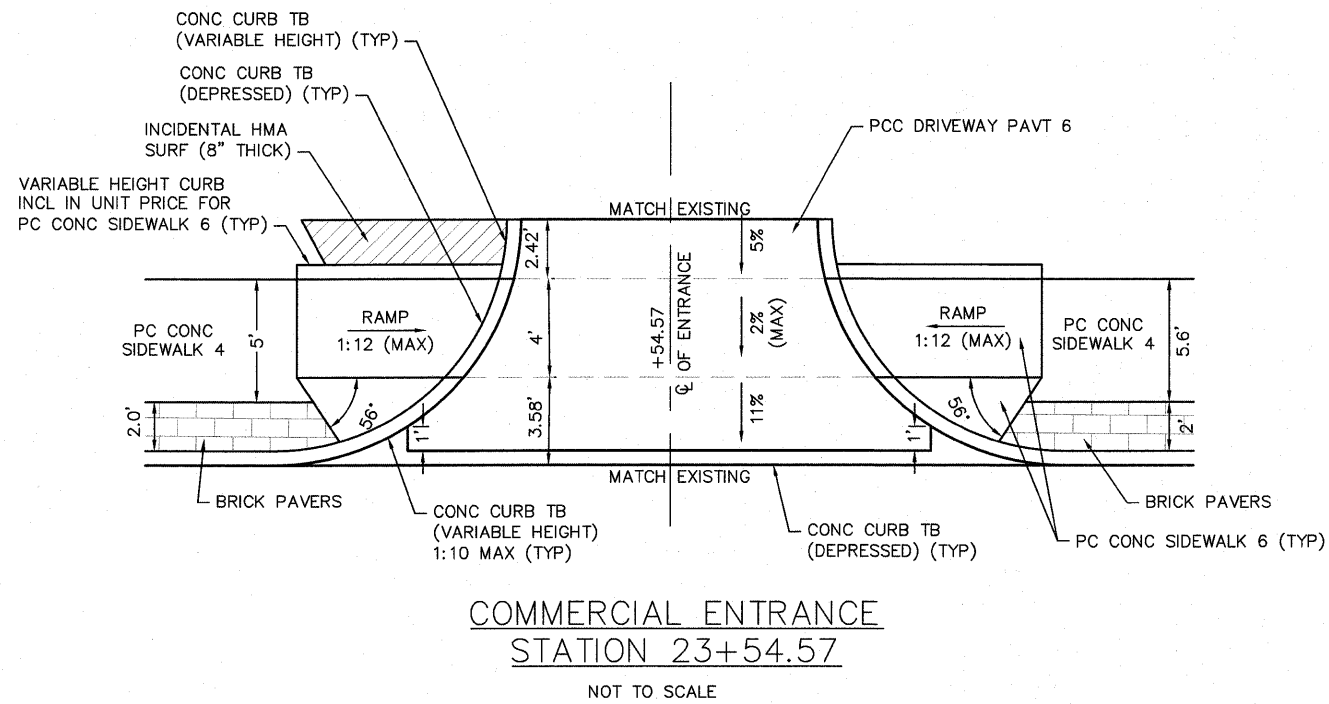
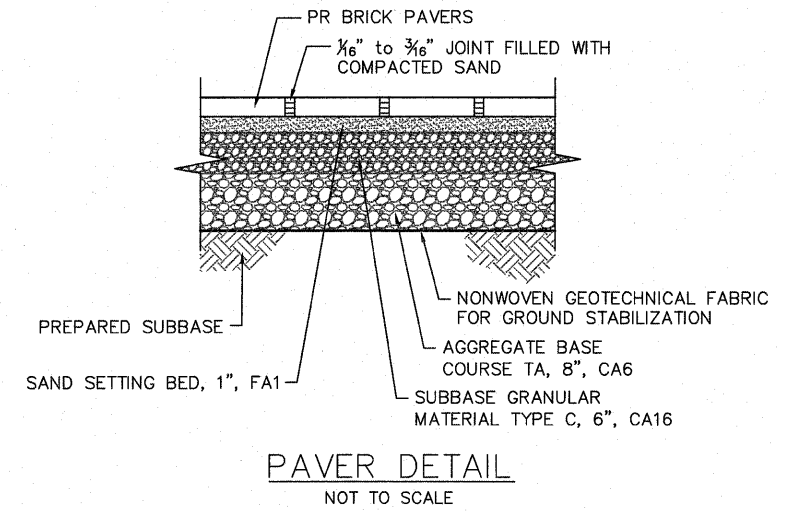
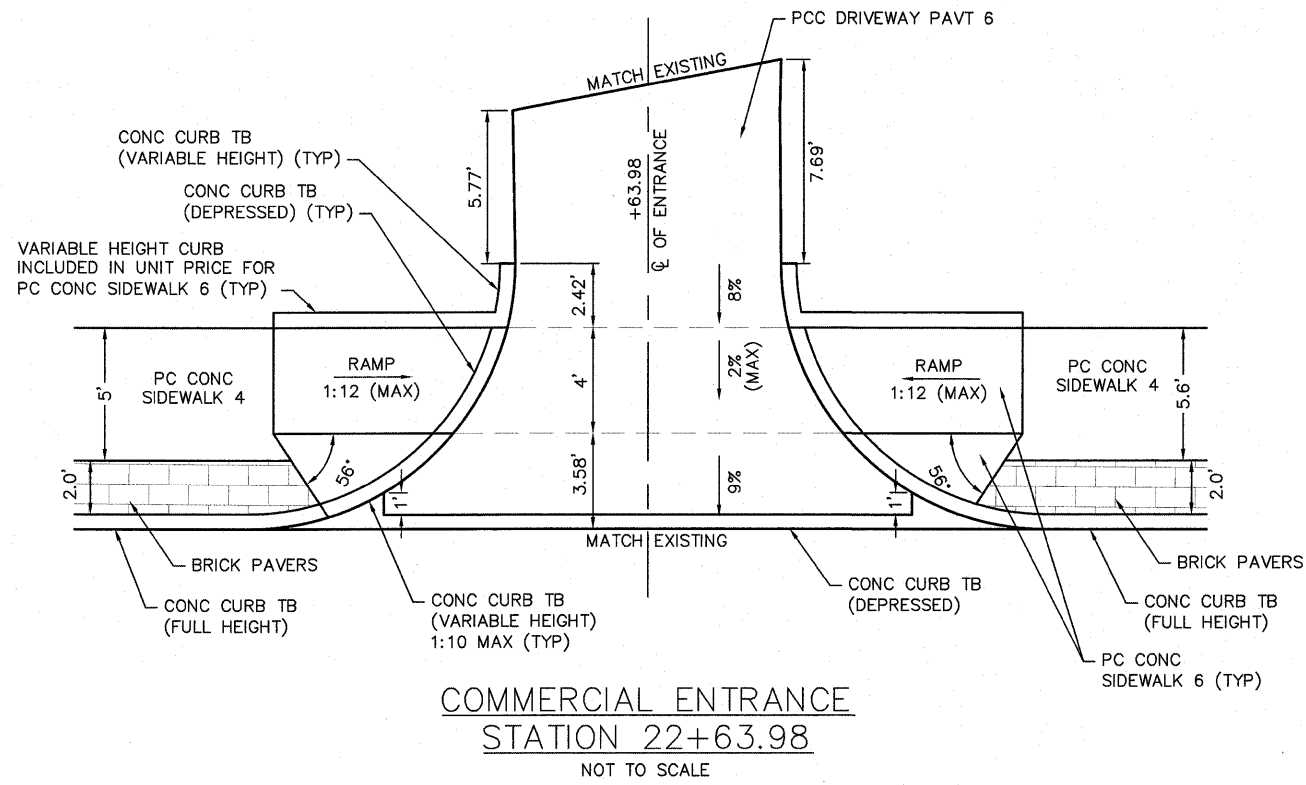
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

DETAILS

SCALE: SHEET NO. 5 OF 6 SHEETS STA. 22+29.00 TO STA. 25+06.39

F.A.U. RTE. 9302	SECTION 06-00045-00-SW	COUNTY MONROE	TOTAL SHEETS 24	SHEET NO. 16
CONTRACT NO. 97468				
COLUMBIA ILLINOIS FED. AID PROJECT				





FILE NAME =	USER NAME = ASHLEIGH ENGELMANN	DESIGNED - SLW	REVISED -
H:\PI\25040\DWG\PHASE 1\25040 - DESIGN.DWG		DRAWN - SLW	REVISED -
	PLOT SCALE = 4 1/8" = 1'	CHECKED - TLC	REVISED -
	PLOT DATE = 2011-05-10	DATE - 2010-06-11	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DETAILS**

SCALE:	SHEET NO. 6 OF 6 SHEETS	STA. 22+29.00 TO STA. 25+06.39	F.A.U. RTE. 9302	SECTION 06-00045-00-SW	COUNTY MONROE	TOTAL SHEETS 24	SHEET NO. 17
CONTRACT NO. 97468						COLUMBIA ILLINOIS FED. AID PROJECT	

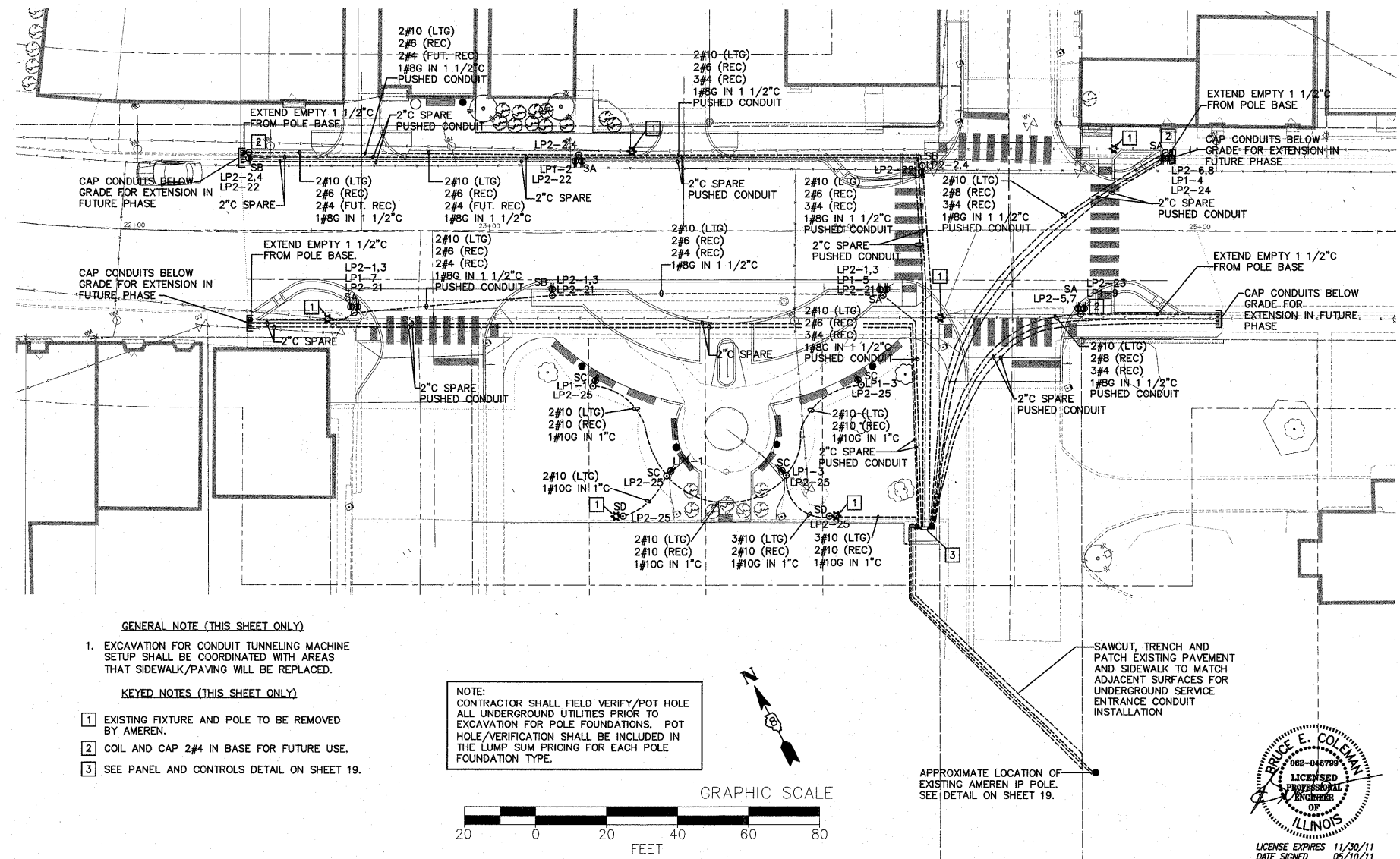
LIGHT FIXTURE SCHEDULE					
TYPE	MANUFACTURER & CATALOG No.	VOLTAGE	LAMPS	MOUNTING	DESCRIPTION & REMARKS
SA	KING LUMINAIRE K823-HGFL-III-250(MOG)-MH-240 (MT)-KPL10-BK WITH KPL-10 BK LEVELING DEVICE, KA32-T-1-6'-BK ARM AND VALMONT COA8-B56LT 250 P2 BK/BCAF-RH8 BK WITH BANNER ARMS, FLAG POLE HOLDER, GFI RECEPTACLES AND IN USE COVERPLATES	240	(1) 250W PSMH	POLE	SEE DETAIL ON SHEET 20 FOR INSTALLATION. PROVIDE (1) GFCI RECEPTACLE AT 1'-6" FROM TOP OF POLE AND (1) GFCI RECEPTACLE AT 4'-0" FROM BUTT OF POLE WITH A CAST ALUMINUM "IN-USE" WP RECEPTACLE COVER, BANNER ARMS AND FLAGPOLE HOLDER. PROVIDE FUSING IN BASE. PAY CODE: DECOR LT/POLE TYPE - SA.
SB	KING LUMINAIRE K823-HGFL-III-250(MOG)-MH-240 (MT)-KPL10-BK WITH KPL-10 BK LEVELING DEVICE, KA32-T-1-6'-BK ARM AND VALMONT COA8-B56LT 250 P2 BK/BCAF-RH8 BK WITH BANNER ARMS, FLAG POLE HOLDER, GFI RECEPTACLE AND IN USE COVERPLATE	240	(1) 250W PSMH	POLE	SEE DETAIL ON SHEET 20 FOR INSTALLATION. PROVIDE (1) GFCI RECEPTACLE AT 1'-6" FROM TOP OF POLE WITH A CAST ALUMINUM "IN-USE" WP RECEPTACLE COVER, BANNER ARMS AND FLAGPOLE HOLDER. PROVIDE FUSING IN BASE. PAY CODE: DECOR LT/POLE TYPE - SB.
SC	STERNBERG AB50ASR/5PPT/4410FP4/150MH MT MEDIUM/RE5G/ALZAK/1-GFI/IUC/BK	120	(1) 150W PSMH	POLE	SEE DETAIL ON SHEET 19 FOR INSTALLATION. PROVIDE (1) GFCI RECEPTACLE INTEGRAL IN POLE WITH A CAST ALUMINUM "IN-USE" WP RECEPTACLE COVER. PROVIDE FUSING IN BASE. PAY CODE: DEC POLES - 10FT.
SD	STERNBERG AB50ASR/5PPT/4410FP4/150MH MT MEDIUM/RE5G/ALZAK/BK	120	(1) 150W PSMH	POLE	SEE DETAIL ON SHEET 19 FOR INSTALLATION. PROVIDE FUSING IN BASE. PAY CODE: LT POLE SPL DEC ORN.

LUMINAIRE SCHEDULE								
STATION (TO CENTER OF STRUCT.)	OFFSET	LIGHT POLE FDN SPL (FOOT)	DECOR LT/POLE TYPE SA (EACH)	DECOR LT/POLE TYPE SB (EACH)	LIGHT POLE FDN SPL (EACH)	DEC POLES - 10FT (EACH)	LT POLE SPL DEC ORN (EACH)	ELEC SERV INSTALL SP(EACH)
22+32	22' LT	10		1				
22+62	23' RT	10	1					
23+18	18' RT	10		1				
23+25	22' LT	10	1					
23+29	44' RT				1	1		
23+38	81' RT				1		1	
23+50	69' RT				1	1		
23+84	69' RT				1	1		
23+96	81' RT				1		1	
24+05	44' RT				1	1		
24+11	18' RT	10	1					
24+22	18' LT	10		1				
24+23	84' RT							1
24+66	24' RT	10	1					
24+90	22' LT	10		1				
TOTALS		80	4	4	6	4	2	1

**LIGHT FIXTURE SCHEDULE GENERAL NOTE**

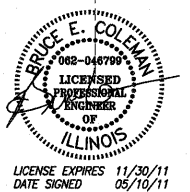
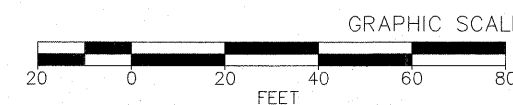
1. ALL METAL PRODUCTS SHALL BE MANUFACTURED OR PRODUCED AND FABRICATED IN THE UNITED STATES OF AMERICA. THE APPLICATION OF ALL COATINGS, EPOXY, GALVANIZING, PAINTING, ETC., TO METAL PRODUCTS SHALL BE APPLIED IN THE UNITED STATES OF AMERICA.

SUMMARY OF RACEWAY, CONDUCTORS, TRENCHING AND BACKFILL												
LOCATION		CONDUCTORS (FEET)				CONDUIT (FEET)			TRENCH AND BACKFILL FOR ELECTRICAL WORK (FEET)	PUSHED CONDUIT (FEET)		
FROM	TO	#4	#6	#8	#10	1"	1 1/2"	2"		1 1/2"	2"	
22+30	22+32						5		2			
22+32	23+25	218	265	141	282		77		71	22		
23+25	24+22	348	279	148	296		81		75	25		
24+22	24+23	372	295	156	312		6		106			
22+32	22+62						35		32			
22+62	23+18	146	193	105	210		6		57			
23+18	24+11	218	265	141	282		99		93			
24+11	24+23	282	235	126	252		6		73			
24+92	24+90						5		2			
24+90	24+23	525		604	414		6		154			
25+06	24+66						43		40			
24+66	24+23	357		436	302		6		98			
22+30	24+23						288		141		314	
22+32	24+23						264		129		242	
24+92	24+23						6				310	
25+06	24+23						6				262	
23+29	23+50				303		44		38			
23+38	23+50				141		26		20			
23+50	23+84				313		46		40			
24+05	23+84				303		44		38			
23+84	23+96				249		26		20			
23+96	24+23				333		35		29			
TOTALS		2466	1632	1857	3992	221	375	584	770	535	1128	



- GENERAL NOTE (THIS SHEET ONLY)**
1. EXCAVATION FOR CONDUIT TUNNELING MACHINE SETUP SHALL BE COORDINATED WITH AREAS THAT SIDEWALK/PAVING WILL BE REPLACED.
- KEYED NOTES (THIS SHEET ONLY)**
- 1 EXISTING FIXTURE AND POLE TO BE REMOVED BY AMEREN.
- 2 COIL AND CAP 2#4 IN BASE FOR FUTURE USE.
- 3 SEE PANEL AND CONTROLS DETAIL ON SHEET 19.

**NOTE:** CONTRACTOR SHALL FIELD VERIFY/POT HOLE ALL UNDERGROUND UTILITIES PRIOR TO EXCAVATION FOR POLE FOUNDATIONS. POT HOLE/VERIFICATION SHALL BE INCLUDED IN THE LUMP SUM PRICING FOR EACH POLE FOUNDATION TYPE.



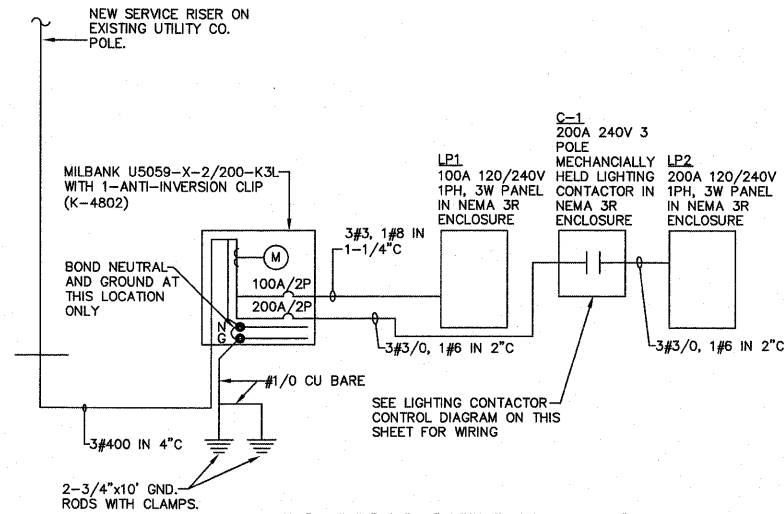
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	PLOT SCALE = 4 1/4" = 1'	DRAWN - JEN	REVISED -
	PLOT DATE = 2011-06-17	CHECKED - BEC	REVISED -
		DATE - 2011-05-13	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

STREETSCAPE LIGHTING PLAN

SCALE: 1"=20' SHEET NO. 1 OF 3 SHEETS STA. 22+29.00 TO STA. 25+06.39

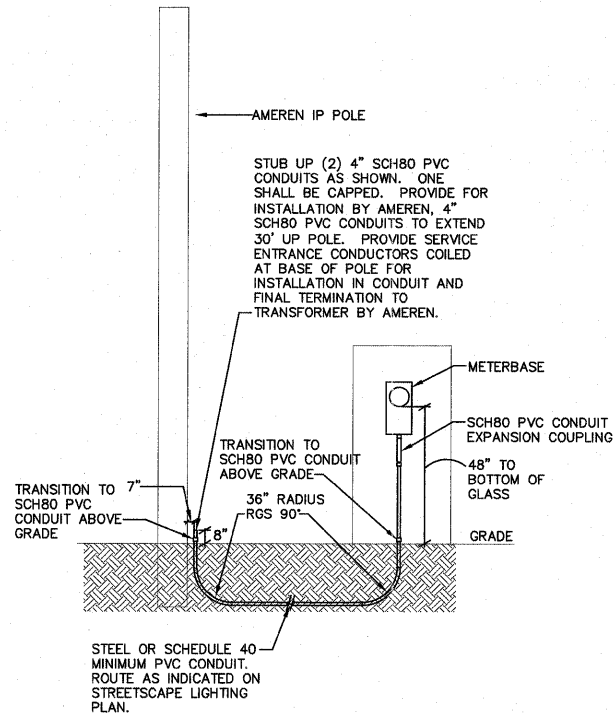
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9302	06-00045-00-SW	MONROE	24	18
CONTRACT NO. 97468				
COLUMBIA		ILLINOIS FEDERAL AID PROJECT		



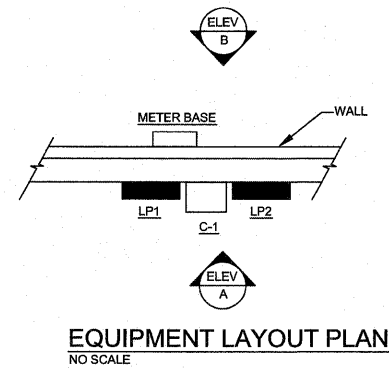
**ELECTRICAL ONE-LINE DIAGRAM**  
NO SCALE

PANEL NO: LP1 (NEMA 3R ENCLOSURE)										22000 AIC	
VA	FUNCTION	SIZE	CKT	PH	CKT	SIZE	FUNCTION	VA			
360	PLAZA RECPTS	20A/1P	1	A	2	20A/1P	STREET POLE RECPT	1200			
360	PLAZA RECPTS	20A/1P	3	B	4	20A/1P	STREET POLE RECPT	1200			
1200	STREET POLE RECPT	20A/1P	5	A	6	20A/1P	SPARE	0			
1200	STREET POLE RECPT	20A/1P	7	B	8	20A/1P	SPARE	0			
1200	STREET POLE RECPT	20A/1P	9	A	10	20A/1P	SPARE	0			
0	SPARE	20A/1P	11	B	12	20A/1P	SPARE	0			
0	SPARE	20A/1P	13	A	14	20A/1P	SPARE	0			
0	SPARE	20A/1P	15	B	16	20A/1P	SPARE	0			
0	SPARE	20A/1P	17	A	18	20A/1P	SPARE	0			
0	SPARE	20A/1P	19	B	20	20A/1P	SPARE	0			
0	SPARE	20A/1P	21	A	22	20A/1P	SPARE	0			
0	SPARE	20A/1P	23	B	24	20A/1P	CONTROL POWER	100			
	SPACE		25	A	26		SPACE				
	SPACE		27	B	28		SPACE				
	SPACE		29	A	30		SPACE				
PHASE		A		B		TOTALS		VOLTS: 120/240V, 1#, 3W			
VOLTAMPS		9402		8012		17414					
MAINS:		100 AMP MLO		POLES: 30 POSITIONS		MOUNTING: SURFACE					

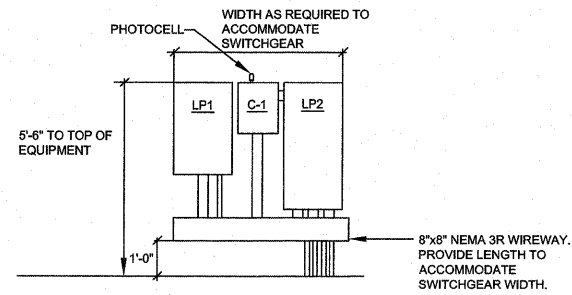
PANEL NO: LP2 (NEMA 3R ENCLOSURE)										22000 AIC	
VA	FUNCTION	SIZE	CKT	PH	CKT	SIZE	FUNCTION	VA			
443	STREETSCAPE LTG	20A/2P	1	A	2	20A/2P	STREETSCAPE LTG	443			
443	STREETSCAPE LTG	20A/2P	3	B	4	20A/2P	STREETSCAPE LTG	443			
148	STREETSCAPE LTG	20A/2P	5	A	6	20A/2P	STREETSCAPE LTG	148			
148	STREETSCAPE LTG	20A/2P	7	B	8	20A/2P	STREETSCAPE LTG	148			
0	SPARE	20A/2P	9	A	10	20A/2P	SPARE	0			
0	SPARE	20A/2P	11	B	12	20A/2P	SPARE	0			
0	SPARE	20A/2P	13	A	14	20A/2P	SPARE	0			
0	SPARE	20A/2P	15	B	16	20A/2P	SPARE	0			
0	SPARE	20A/2P	17	A	18	20A/2P	SPARE	0			
0	SPARE	20A/2P	19	B	20	20A/2P	SPARE	0			
1080	CHRISTMAS RECPT	20A/1P	21	A	22	20A/1P	CHRISTMAS RECPT	1080			
720	CHRISTMAS RECPT	20A/1P	23	B	24	20A/1P	CHRISTMAS RECPT	720			
1200	PLAZA LIGHTING	20A/1P	25	A	26	20A/1P	SPARE	0			
0	SPARE	20A/1P	27	B	28	20A/1P	SPARE	0			
0	SPARE	20A/1P	29	A	30	20A/1P	SPARE	0			
0	SPARE	20A/1P	31	B	32	20A/1P	SPARE	0			
	SPACE		33	A	34		SPACE				
	SPACE		35	B	36		SPACE				
	SPACE		37	A	38		SPACE				
	SPACE		39	B	40		SPACE				
	SPACE		41	A	42		SPACE				
PHASE		A		B		TOTALS		VOLTS: 120/240V, 1#, 3W			
VOLTAMPS		9402		8012		17414					
MAINS:		200 AMP MLO		POLES: 42 POSITIONS		MOUNTING: SURFACE					



**ELECTRICAL SERVICE SPECIAL**  
NO SCALE

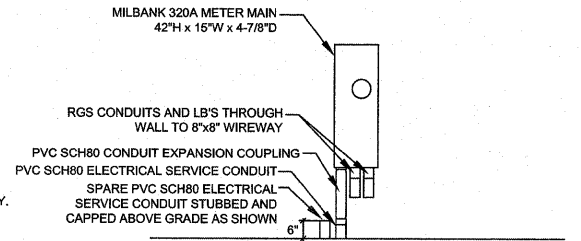


**EQUIPMENT LAYOUT PLAN**  
NO SCALE



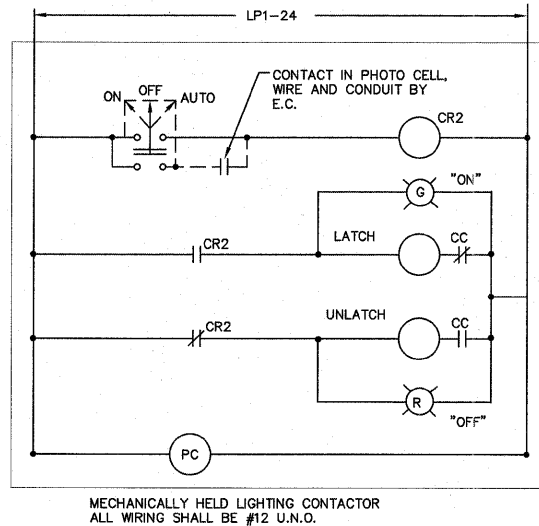
**ELEVATION A**  
NO SCALE

NOTE:  
ALL METAL PRODUCTS SHALL BE MANUFACTURED OR PRODUCED AND FABRICATED IN THE UNITED STATES OF AMERICA. THE APPLICATION OF ALL COATINGS, EPOXY, GALVANIZING, PAINTING, ETC., TO METAL PRODUCTS SHALL BE APPLIED IN THE UNITED STATES OF AMERICA.

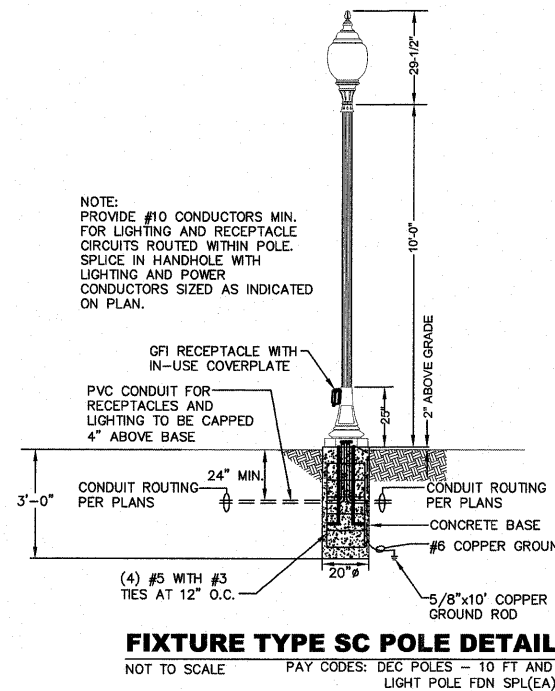


**ELEVATION B**  
NO SCALE

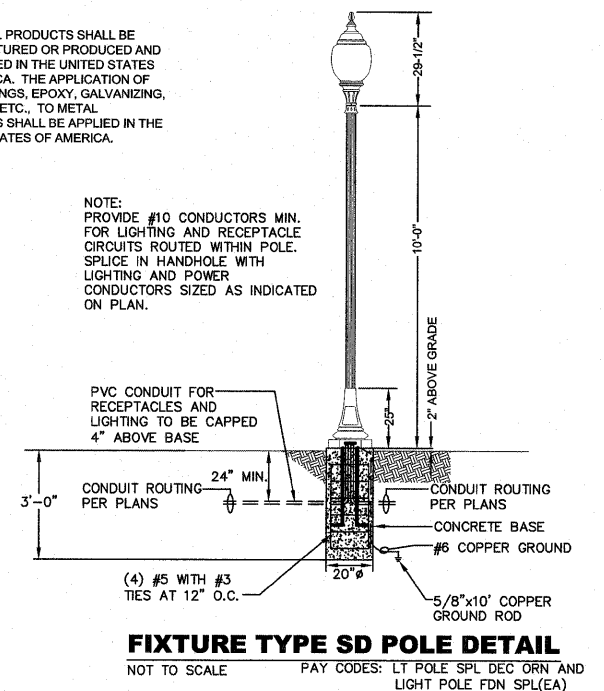
**PANEL AND CONTROLS DETAIL**  
NO SCALE



**CONTACTOR CONTROL DIAGRAM**  
NO SCALE



**FIXTURE TYPE SC POLE DETAIL**  
NOT TO SCALE



**FIXTURE TYPE SD POLE DETAIL**  
NOT TO SCALE

NOTE:  
ALL METAL PRODUCTS SHALL BE MANUFACTURED OR PRODUCED AND FABRICATED IN THE UNITED STATES OF AMERICA. THE APPLICATION OF ALL COATINGS, EPOXY, GALVANIZING, PAINTING, ETC., TO METAL PRODUCTS SHALL BE APPLIED IN THE UNITED STATES OF AMERICA.

NOTE:  
PROVIDE #10 CONDUCTORS MIN. FOR LIGHTING AND RECEPTACLE CIRCUITS ROUTED WITHIN POLE. SPLICE IN HANDHOLE WITH LIGHTING AND POWER CONDUCTORS SIZED AS INDICATED ON PLAN.

NOTE:  
PROVIDE #10 CONDUCTORS MIN. FOR LIGHTING AND RECEPTACLE CIRCUITS ROUTED WITHIN POLE. SPLICE IN HANDHOLE WITH LIGHTING AND POWER CONDUCTORS SIZED AS INDICATED ON PLAN.

FILE NAME = M:\624-25\CAD\ELECTRICAL\ SHEETS.DWG

USER NAME = JEFF NOLTE  
DESIGNED - JEN  
DRAWN - JEN  
CHECKED - BEC  
PLOT SCALE = 4 41/64" = 1'  
PLOT DATE = 2011-06-17

DESIGNED - JEN  
DRAWN - JEN  
CHECKED - BEC  
DATE - 2011-05-13

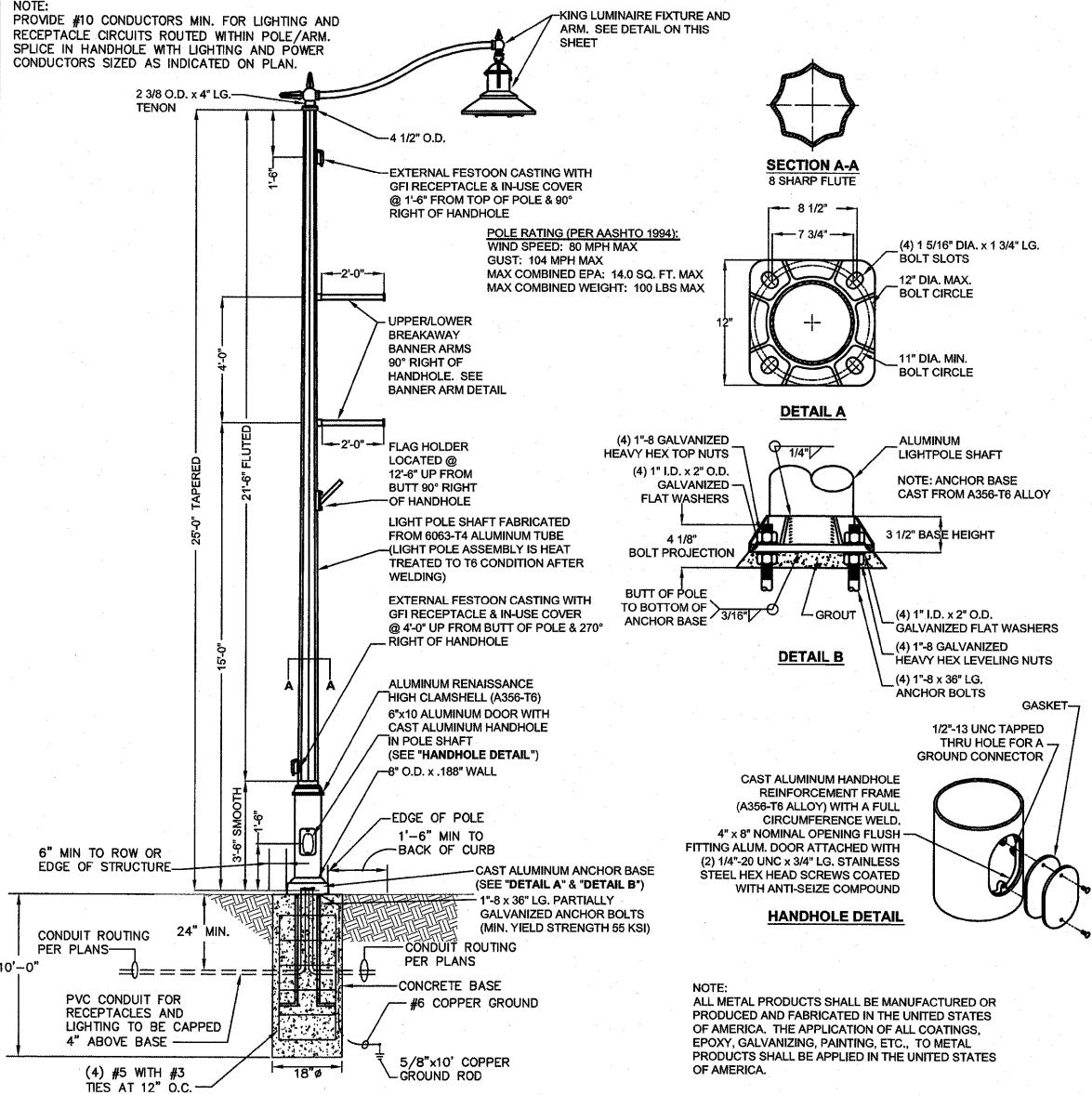
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ELECTRICAL SCHEDULES AND DETAILS

SCALE: AS NOTED SHEET NO. 2 OF 3 SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9302	06-00045-00-SW	MONROE	24	19
COLUMBIA ILLINOIS FEDERAL AID PROJECT			CONTRACT NO. 97468	

NOTE: PROVIDE #10 CONDUCTORS MIN. FOR LIGHTING AND RECEPTACLE CIRCUITS ROUTED WITHIN POLE/ARM. SPLICE IN HANDHOLE WITH LIGHTING AND POWER CONDUCTORS SIZED AS INDICATED ON PLAN.

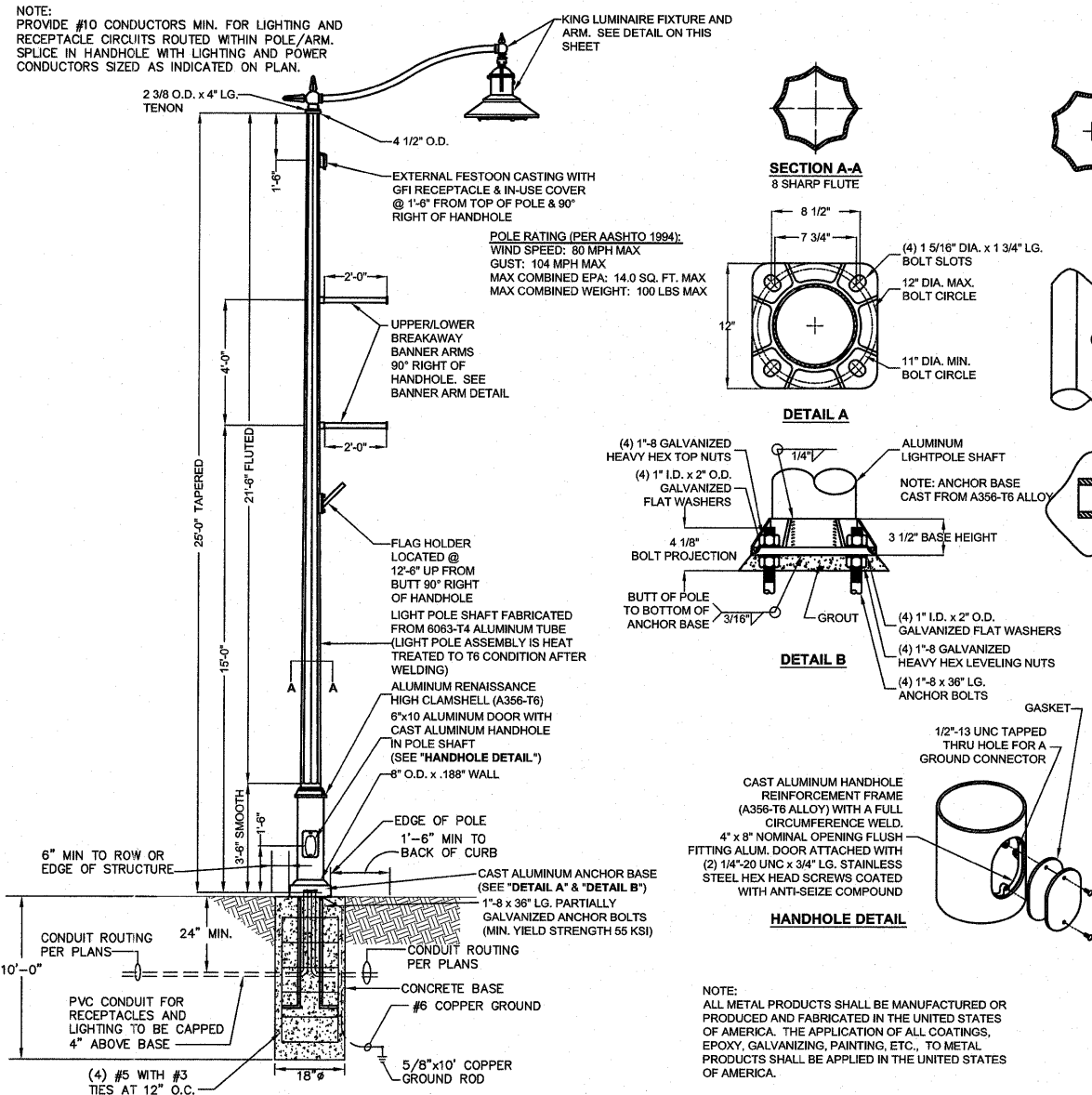


**FIXTURE TYPE SA POLE DETAIL**

NOT TO SCALE PAY CODES: DECOR LT/POLE TYPE - SA AND LIGHT POLE FDN, SPL(FT)

NOTE: ALL METAL PRODUCTS SHALL BE MANUFACTURED OR PRODUCED AND FABRICATED IN THE UNITED STATES OF AMERICA. THE APPLICATION OF ALL COATINGS, EPOXY, GALVANIZING, PAINTING, ETC., TO METAL PRODUCTS SHALL BE APPLIED IN THE UNITED STATES OF AMERICA.

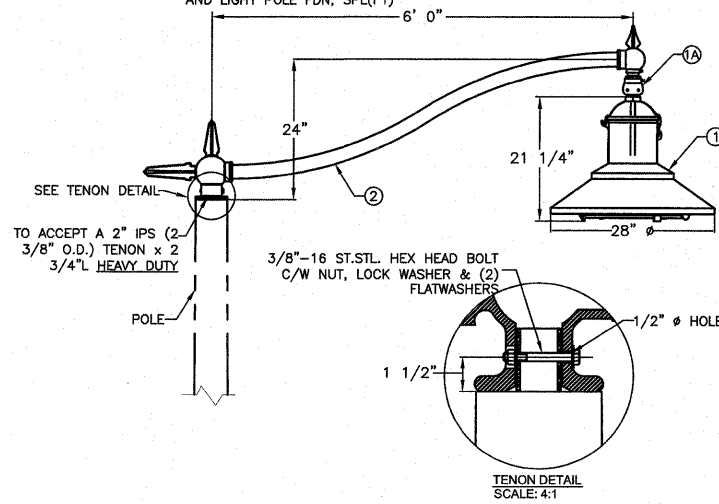
NOTE: PROVIDE #10 CONDUCTORS MIN. FOR LIGHTING AND RECEPTACLE CIRCUITS ROUTED WITHIN POLE/ARM. SPLICE IN HANDHOLE WITH LIGHTING AND POWER CONDUCTORS SIZED AS INDICATED ON PLAN.



**FIXTURE TYPE SB POLE DETAIL**

NOT TO SCALE PAY CODES: DECOR LT/POLE TYPE - SB AND LIGHT POLE FDN, SPL(FT)

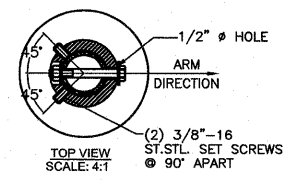
NOTE: ALL METAL PRODUCTS SHALL BE MANUFACTURED OR PRODUCED AND FABRICATED IN THE UNITED STATES OF AMERICA. THE APPLICATION OF ALL COATINGS, EPOXY, GALVANIZING, PAINTING, ETC., TO METAL PRODUCTS SHALL BE APPLIED IN THE UNITED STATES OF AMERICA.



**FIXTURE TYPE SA AND SB FIXTURE DETAIL**

NOT TO SCALE

- LUMINAIRE SPECIFICATIONS**
- CATALOGUE NO.: KING LUMINAIRE K823-HGL-II-250(MOG)
  - TYPE: MH-240V(MT)-KPL10
  - OPTICAL SYSTEM: FALCONRIDGE SR, HYDROFORMED GLASS FLAT LENS
  - IES CLASSIFIC.: TYPE III
  - WATTAGE: 250W
  - LIGHT SOURCE: METAL HALIDE
  - LINE VOLTAGE: 240V (MULTI-TAP)
  - PAINT: BLACK
  - OPTIONS: (1) KPL-10 LEVELING DEVICE (PAINT: BLACK)
- ARM SPECIFICATIONS**
- CATALOGUE NO.: KING LUMINAIRE KA32-T-1-6'
  - TYPE: PIPE ARM
  - MATL: ALUMINUM
  - PAINT: BLACK



FILE NAME = M:\624-25\CAD\ELECTRICALIE SHEETS.DWG	USER NAME = JEFF NOLTE	DESIGNED - JEN	REVISED -
	PLOT SCALE = 4 1/4" = 1'	DRAWN - JEN	REVISED -
	PLOT DATE = 2011-06-17	CHECKED - BEC	REVISED -
		DATE - 2011-05-13	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

ELECTRICAL DETAILS

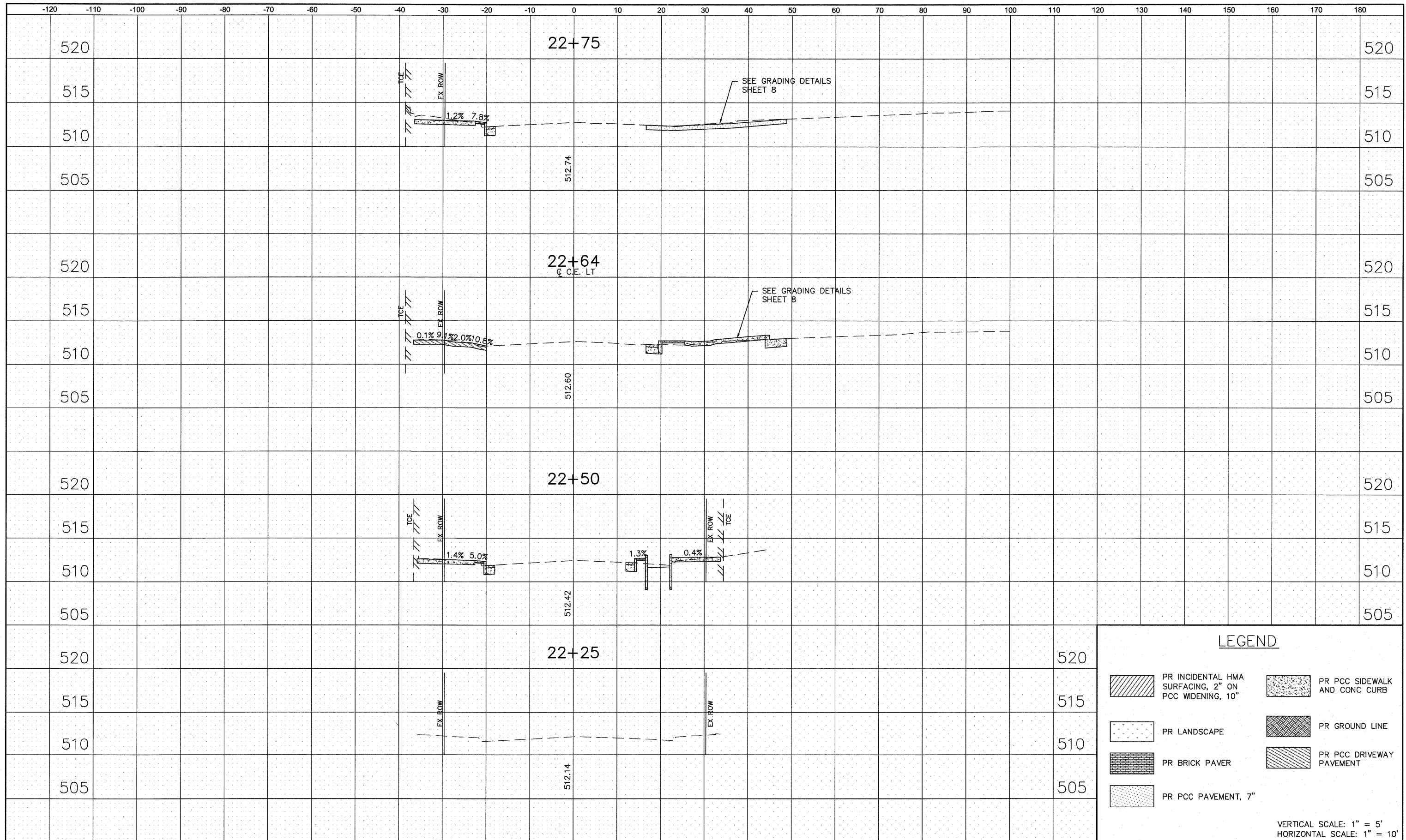
SCALE: AS NOTED SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A.U. RTE. 9302	SECTION 06-0045-00-SW	COUNTY MONROE	TOTAL SHEETS 24	SHEET NO. 20
COLUMBIA		ILLINOIS FEDERAL AID PROJECT		

NOTE: 1. WELDING WIRE (ER4043). 2. BANNER ARM HEAT TREATED AFTER FABRICATION TO T6 CONDITION. 3. ALL HARDWARE IS 300 SERIES STAINLESS STEEL.

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

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

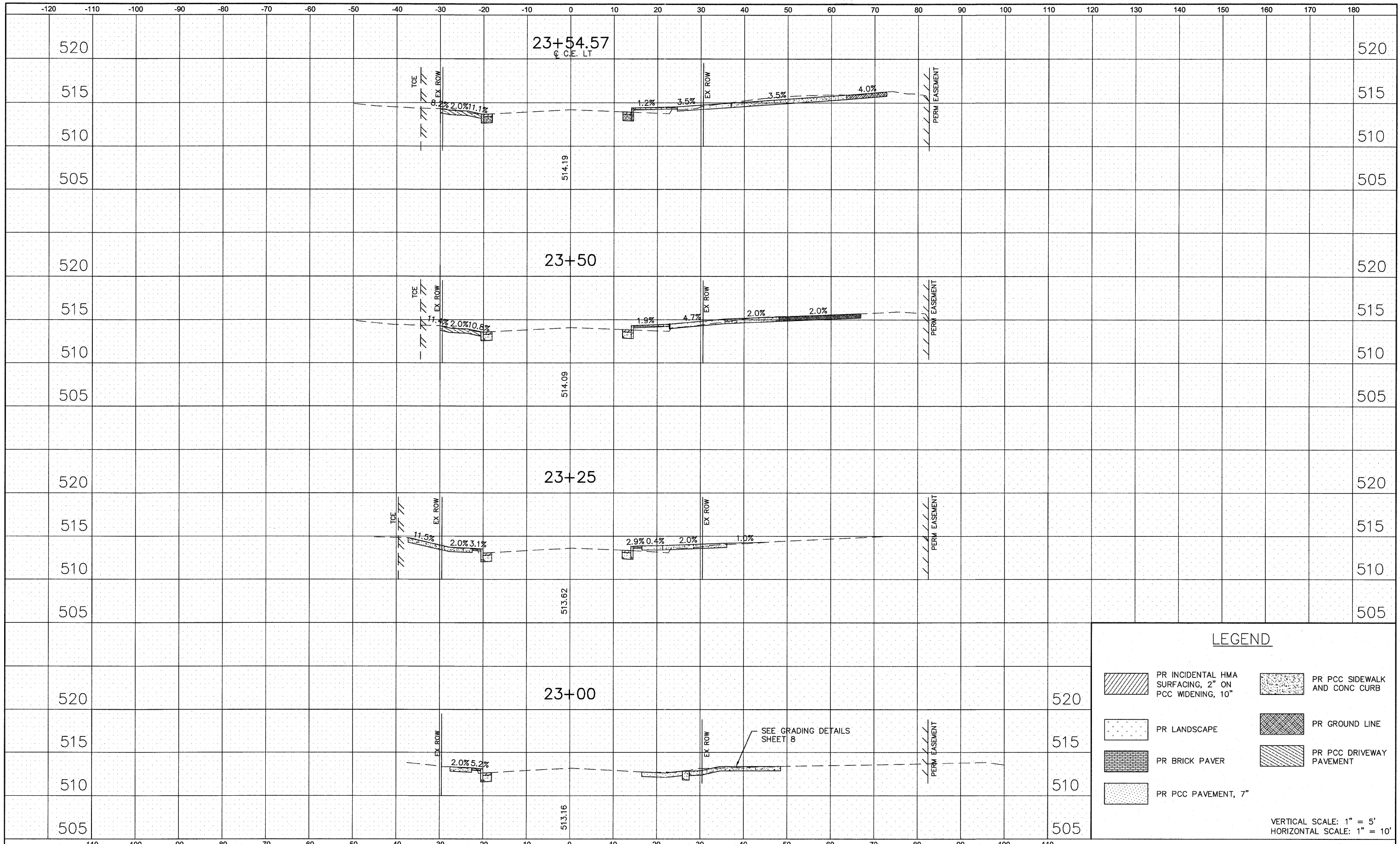


LEGEND			
	PR INCIDENTAL HMA SURFACING, 2" ON PCC WIDENING, 10"		PR PCC SIDEWALK AND CONC CURB
	PR LANDSCAPE		PR GROUND LINE
	PR BRICK PAVER		PR PCC DRIVEWAY PAVEMENT
	PR PCC PAVEMENT, 7"		








VERTICAL SCALE: 1" = 5'  
HORIZONTAL SCALE: 1" = 10'

DATE	
BY	
FINAL SURVEY	
NOTEBOOK NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	

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



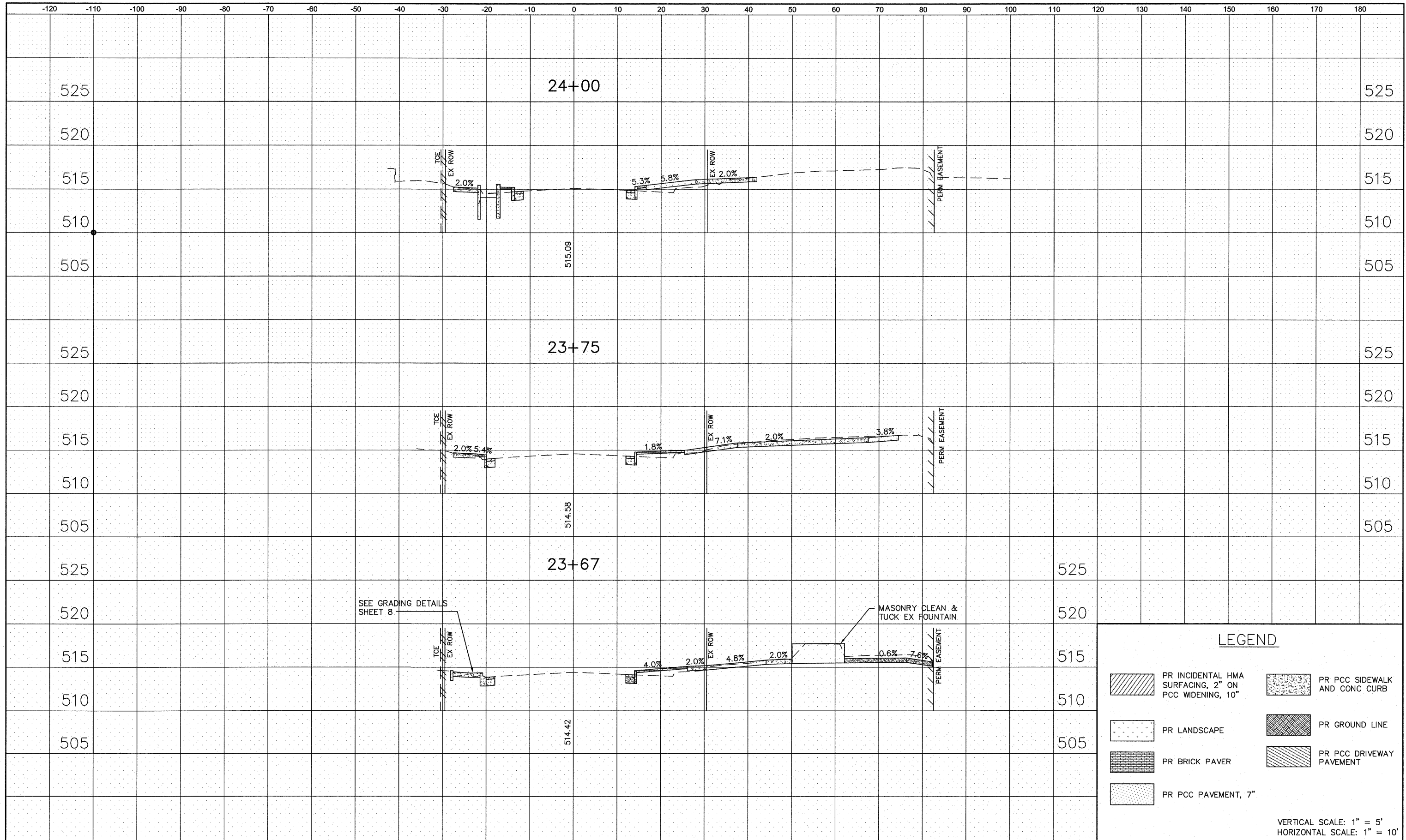
**LEGEND**

 PR INCIDENTAL HMA SURFACING, 2" ON PCC WIDENING, 10"	 PR PCC SIDEWALK AND CONC CURB
 PR LANDSCAPE	 PR GROUND LINE
 PR BRICK PAVER	 PR PCC DRIVEWAY PAVEMENT
 PR PCC PAVEMENT, 7"	

VERTICAL SCALE: 1" = 5'  
HORIZONTAL SCALE: 1" = 10'

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

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

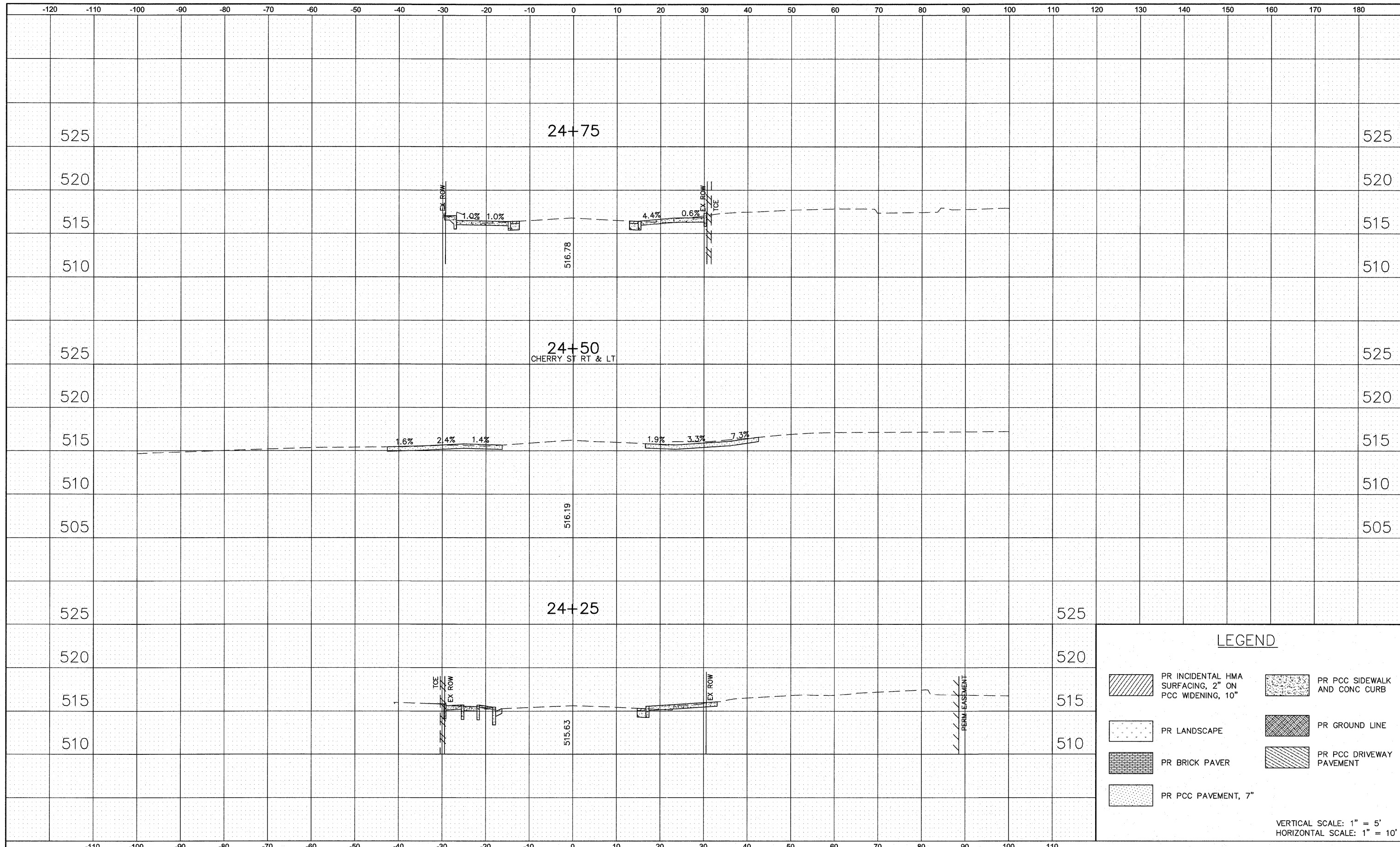


LEGEND			
	PR INCIDENTAL HMA SURFACING, 2" ON PCC WIDENING, 10"		PR PCC SIDEWALK AND CONC CURB
	PR LANDSCAPE		PR GROUND LINE
	PR BRICK PAVER		PR PCC DRIVEWAY PAVEMENT
	PR PCC PAVEMENT, 7"		

VERTICAL SCALE: 1" = 5'  
HORIZONTAL SCALE: 1" = 10'

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

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



**LEGEND**

	PR INCIDENTAL HMA SURFACING, 2" ON PCC WIDENING, 10"		PR PCC SIDEWALK AND CONC CURB
	PR LANDSCAPE		PR GROUND LINE
	PR BRICK PAVER		PR PCC DRIVEWAY PAVEMENT
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VERTICAL SCALE: 1" = 5'  
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