

DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED

CITY OF TROY  
 N. MAIN STREET RECONSTRUCTION  
 FAU ROUTE 9393  
 SECTION: 11-00026-02-PV  
 PROJECT: TCSP IL11 (025)  
 JOB NO.: C-98-319-12  
 MADISON COUNTY

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	11-00026-02-PV	MADISON	21	1
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT NO. 97550	

FEDERAL AID PROJECT

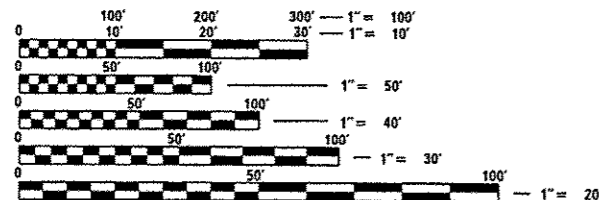
SHEET NO.	ITEM
1	COVER SHEET
2	GENERAL NOTES, UTILITIES, & ALIGNMENT TIE POINTS
3-4	SUMMARY OF QUANTITIES
5-6	TYPICAL SECTIONS
7	SCHEDULE OF QUANTITIES
8	PLAN & PROFILE SHEET
9-11	TRAFFIC CONTROL STAGING PLANS
12	EROSION CONTROL, SIGNING, AND PAVEMENT MARKING PLAN
13	REMOVAL PLAN
14-15	INTERSECTION DETAILS
16-19	CONSTRUCTION DETAILS
20-21	CROSS SECTIONS

HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-07	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424016-01	MID BLOCK CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
606001-05	CONC CURB TYPE B AND COMB CONC CURB AND GUTTER
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701801-05	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-03	TRAFFIC CONTROL DEVICES
720006-04	SIGN PANEL ERECTION DETAILS
780001-04	TYPICAL PAVEMENT MARKINGS

DESIGN DESIGNATION

ROADWAY CLASSIFICATION = URBAN COLLECTOR  
 DESIGN SPEED = 30 M.P.H.  
 CURRENT TRAFFIC (2012) = 2,000 A.D.T.  
 PROJECTED TRAFFIC (2032) = 2,450 A.D.T.

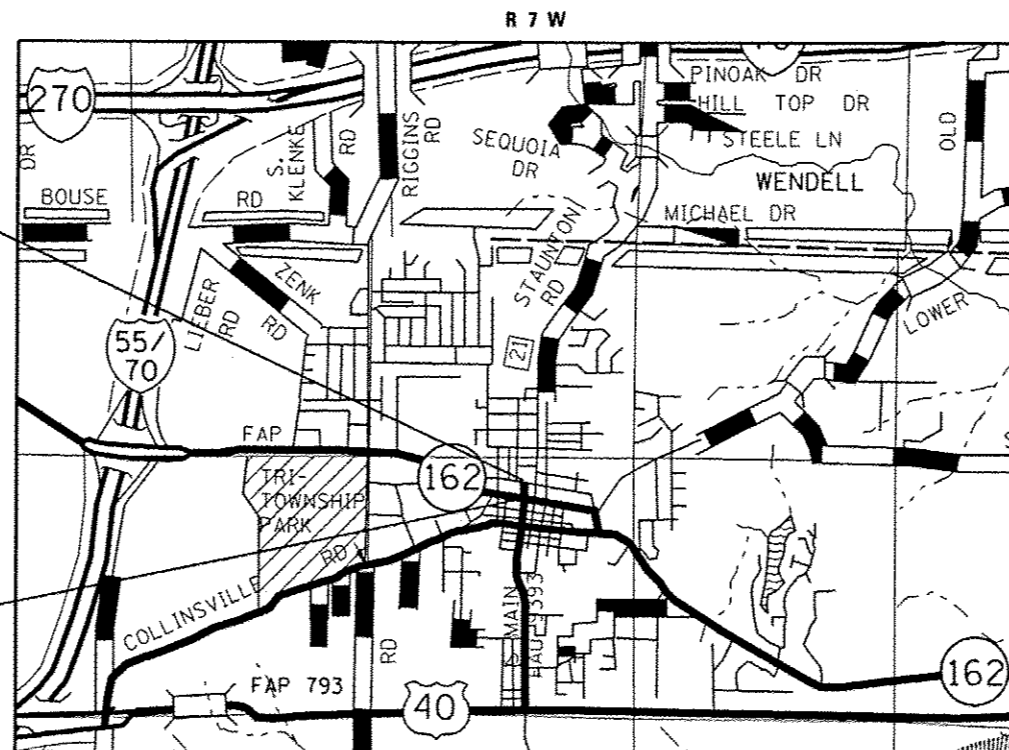


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

END SECTION  
 STA 110+45.00

BEGIN SECTION  
 STA 107+82.02



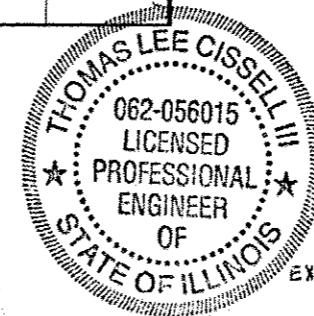
LOCATION MAP

SCALE 1"=2,000'

GROSS LENGTH = 262.98 FEET (0.050 MILES)

SCALE IN FEET

PLAN	1" = 20'
PROFILE HORIZ	1" = 20'
PROFILE VERT	1" = 5'
CROSS SECTION	1" = 10'



THOMAS L. CISSELL III, P.E.  
 License Expires 11/30/2015  
 Date 1/30/14



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS	
APPROVED	1-28-14 DATE
ALLEN ADDOMITE	MAYOR OF TROY
PASSED	2/7/14 DATE
DISTRICT & PROJECT IMPLEMENTATION ENGINEER	
RELEASING FOR BID BASED ON LIMITED REVIEW	2-7-14 DATE
DEPUTY DIRECTOR OF HIGHWAYS REGION FIVE ENGINEER	

**OATES ASSOCIATES**  
 Engineering + Architecture

COLLINSVILLE 100 Lanter Court, Suite 1 Collinsville, IL 62234 tel 618.345.2200	BELLEVILLE 20 E. Main Street Belleville, IL 62220 tel 618.416.4688	ST. LOUIS 720 Olive, Suite 1660 St. Louis, MO 63101 tel 314.588.8381
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**GENERAL NOTES**

**UTILITIES**

- 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 800-892-0123 AND PROVIDING 48 HOURS ADVANCE NOTICE. NON-J.U.L.I.E MEMBERS MUST BE NOTIFIED INDIVIDUALLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT LIMITS ARE LISTED BELOW.
- ANY FACILITIES OR APPURTENANCES WHICH ARE THE PROPERTY OF ANY PUBLIC UTILITY LOCATED WITHIN THE LIMITS OF CONSTRUCTION SHALL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS UNLESS NOTED OTHERWISE ON THE PLANS. THE CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE OWNERS OF ANY SUCH FACILITY IN THEIR REMOVAL AND REARRANGEMENT OPERATIONS IN ORDER THAT THESE OPERATIONS AND THE CONSTRUCTION OF THIS PROJECT MAY PROGRESS IN A REASONABLE MANNER. 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.
- THE FOLLOWING UTILITY COMPANIES MAY HAVE FACILITIES LOCATED WITHIN THE LIMITS OF CONSTRUCTION WHICH MAY REQUIRE ADJUSTMENT, RELOCATION OR REMOVAL. ALL ARE MEMBERS OF J.U.L.I.E., UNLESS NOTED OTHERWISE.

CITY OF TROY (WATER & SANITARY SEWER) 116 EAST MARKET STREET TROY, IL 62294 (618) 667-9924	AMEREN IP (GAS & ELECTRIC) 2600 NORTH CENTER MARYVILLE, IL 62062 (618) 346-1287
CHARTER COMMUNICATIONS (CABLE TV) 210 WEST DIVISION STREET MARYVILLE, IL 62062 (618) 345-8121	ATT (TELEPHONE) 203 GOETHE STREET COLLINSVILLE, IL 62234 (618) 346-6400
- THE ABOVE UTILITY 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.

**GENERAL CONSTRUCTION**

- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND COMMENCING CONSTRUCTION.
- THE CONTRACTOR SHALL STAGE ALL WORK IN SUCH A WAY AS TO MAINTAIN INGRESS AND EGRESS TO ALL ADJUTING PROPERTIES AT ALL TIMES DURING CONSTRUCTION. AGGREGATE FOR TEMPORARY ACCESS WILL BE MEASURED FOR PAYMENT AS SPECIFIED IN THE CONTRACT. THE COST OF ALL OTHER MATERIALS REQUIRED AND ALL OTHER LABOR NECESSARY TO COMPLY WITH THIS PROVISION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT. SEE LOCAL ACCESS SPECIAL PROVISION FOR MORE INFORMATION.
- THE CONTRACTOR SHALL CONFINE ALL OPERATIONS TO THE CONSTRUCTION LIMITS LINE SHOWN ON THE PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL FERTILIZE, SEED, AND MULCH ALL EARTH SURFACES DISTURBED BY CONSTRUCTION. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
- REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL INCLUDES THE REMOVAL OF THE EXISTING BITUMINOUS (OIL & CHIP) ROADWAY SURFACE AND AGGREGATE BASE. 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."
- THE CONTRACTOR SHALL NOTE THE LOCATION OF ALL MANHOLE AND VALVE COVER FRAMES AND LIDS LOCATED WITHIN RESURFACING LIMITS AT IL ROUTE 162 AND MAIN STREET. APPROPRIATE CARE SHALL BE TAKEN TO PROTECT THESE ITEMS DURING MILLING OPERATIONS.
- 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.
- HIGH EARLY STRENGTH CONCRETE MIX SHALL BE USED FOR THE CONSTRUCTION OF PCC ENTRANCES AND CROSSWALKS. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR THE VARIOUS PCC PAVEMENT ITEMS INCLUDED IN THE CONTRACT.
- AT VARIOUS LOCATIONS, IT MAY BE NECESSARY TO TRANSITION PROPOSED COMBINATION CONCRETE CURB AND GUTTER TO MEET EXISTING CURBS OR CUTTERS. THE MINIMUM LENGTH OF TRANSITIONAL COMBINATION CURB AND GUTTER SHALL BE 10 FEET, UNLESS DIRECTED OTHERWISE BY THE ENGINEER.
- 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.

- ALL EXISTING ROADWAY FEATURES INCLUDING PAVEMENT, CURB, SIDEWALK, DRIVEWAY PAVEMENT, CULVERTS, HEADWALLS, RIPRAP, FENCING, RETAINING WALLS, AND ANY OTHER FEATURES WHICH INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR UNLESS NOTED OTHERWISE ON THE PLANS. ALL FEATURES WHICH ARE TO BE REMOVED AND FOR WHICH THERE IS NO SPECIFIC PAY ITEM, WILL NOT BE MEASURED SEPARATELY FOR PAYMENT AND THE COST OF THIS REMOVAL WORK SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL.
- DECORATIVE SIGN POSTS AND FRAMES MUST MEET FEDERAL CRASHWORTHINESS STANDARDS. DOCUMENTATION IS REQUIRED.

**DRAINAGE**

- THE OFFSETS TO ALL INLETS AND MANHOLES ARE GIVEN TO THE CENTER OF THE OPENING AT THE BASE OF THE FRAME AND GRATE OR LID.
- THE CONTRACTOR SHALL INCLUDE THE COST OF MAKING CONNECTIONS TO EXISTING DRAINAGE STRUCTURES IN THE CONTRACT UNIT PRICE FOR THE STORM SEWER ITEMS INVOLVED.
- ALL DRAINAGE STRUCTURES CONSTRUCTED, ADJUSTED OR RECONSTRUCTED UNDER THE CONTRACT, SHALL BE CLEANED OF ANY ACCUMULATION OF SILT, DEBRIS OR FOREIGN MATTER AT THE END OF EACH WORKING DAY AND AT THE TIME OF FINAL INSPECTION. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR THE VARIOUS DRAINAGE STRUCTURE ITEMS INCLUDED IN THE CONTRACT.

**MISCELLANEOUS**

- A QUANTITY FOR TEMPORARY PAVEMENT MARKING EQUAL TO THE AMOUNT OF PERMANENT PAVEMENT MARKING TIMES THE NUMBER OF REQUIRED APPLICATIONS HAS BEEN INCLUDED IN THE PLANS. ONLY THE FINAL APPLICATION OF TEMPORARY PAVEMENT MARKINGS SHALL BE REMOVED AND SEPARATE PAYMENT WILL BE MADE FOR WORK ZONE PAVEMENT MARKING REMOVAL.
- THE PAVEMENT MARKING LOCATIONS SHOWN IN THE PLANS ARE APPROXIMATE. PROPOSED CROSSWALKS AND STOP BARS SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER, IF NECESSARY, TO MATCH FIELD CONDITIONS.
- THE FOLLOWING ITEMS AND APPROXIMATE QUANTITIES ARE INCLUDED IN THE "SUMMARY OF QUANTITIES" 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.

AGGREGATE FOR TEMPORARY ACCESS 50 TON

- THE FOLLOWING SYMBOLS, ABBREVIATIONS AND PATTERNS SUPPLEMENT OR SUPERCEDE HIGHWAY STANDARD 000001:

BO	BY OTHERS (USED IN CONJUNCTION WITH TBA & TBR)
CMP	CORRUGATED METAL PIPE
CONSTR	CONSTRUCTION
CP	CONTROL POINT
DND	DO NOT DISTURB
FG	FLOWLINE OF CUTTER
K	LENGTH OF VERTICAL CURVE PER PERCENT GRADE DIFFERENCE
LSA	LANDSCAPE AREA
ME	MATCH EXISTING
N/F	NOW OR FORMERLY
O/C	OIL AND CHIP
PERM	PERMANENT
PVI	POINT OF VERTICAL INTERSECTION
TC	TOP OF CURB
TBA	TO BE ADJUSTED
TBRL	TO BE RELOCATED
TYP	TYPICAL
W	WIDTH

**ALIGNMENT TIE POINTS**

DESCRIPTION:	OFFSET	NORTHING:	EASTING:
P.O.T. 107+00.00	CL	751,051.88	2,377,437.86
P.T. 107+80.21	CL	751,131.22	2,377,449.69
P.T. 109+13.38	CL	751,263.18	2,377,467.63
P.O.T. 110+76.82	CL	751,424.74	2,377,492.30

**COMMITMENTS**

NONE TO DATE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES, UTILITIES, & ALIGNMENT TIE POINTS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	11-00026-02-PV	MADISON	21	2
N. MAIN STREET RECONSTRUCTION			CONTRACT NO. 97550	
ILLINOIS FED. AID PROJECT				

FILE NAME :  
08268591.003-sh1-gennote.dgn

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PLOT SCALE : 48.0000' / IN.	CHECKED -	REVISED -
PLOT DATE : 1/28/2014	DATE -	REVISED -

SCALE: NTS SHEET NO. 1 OF 1 SHEETS STA. TO STA.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	770
28000500	INLET AND PIPE PROTECTION	EACH	2
31100910	SUBBASE GRANULAR MATERIAL, TYPE A 12"	SO YD	1,550
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	50
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	28
40600990	TEMPORARY RAMP	SO YD	60
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	396
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	174
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SO YD	102
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SO FT	3,480
SP 42400800	DETECTABLE WARNINGS	SO FT	30
44000100	PAVEMENT REMOVAL	SO YD	294
SP 44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SO YD	373
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	89

NOTES:

SP SEE PROJECT SPECIFIC SPECIAL PROVISIONS  
 \* SPECIALTY ITEM

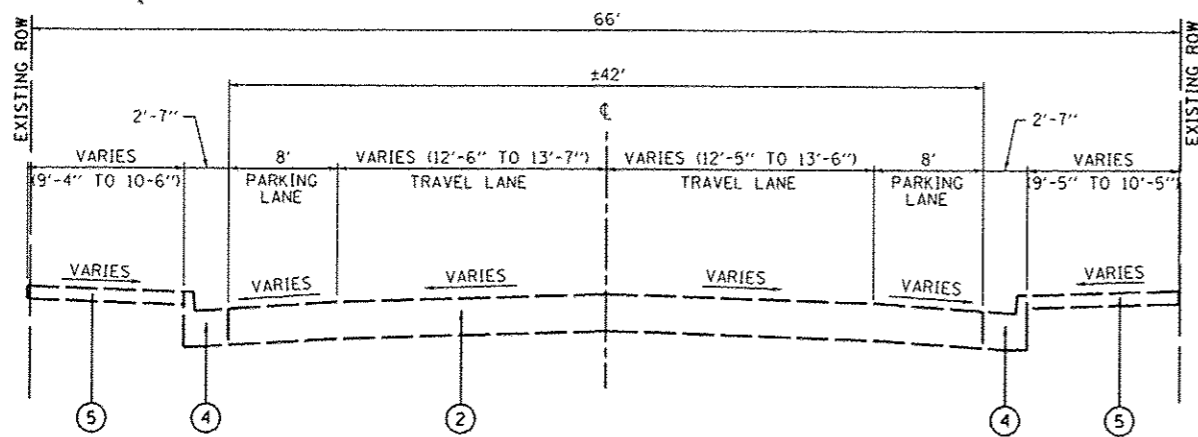
CODE NO.	ITEM	UNIT	TOTAL QUANTITY
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	535
44000600	SIDEWALK REMOVAL	SO FT	3,507
SP 44201737	CLASS D PATCHES, TYPE I, 8 INCH	SO YD	32
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	540
67100100	MOBILIZATION	L SUM	1
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	898
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	385
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	290
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	1,265
72000100	SIGN PANEL - TYPE 1	SO FT	13.3
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	898
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	290
* 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	385
* 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	940

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

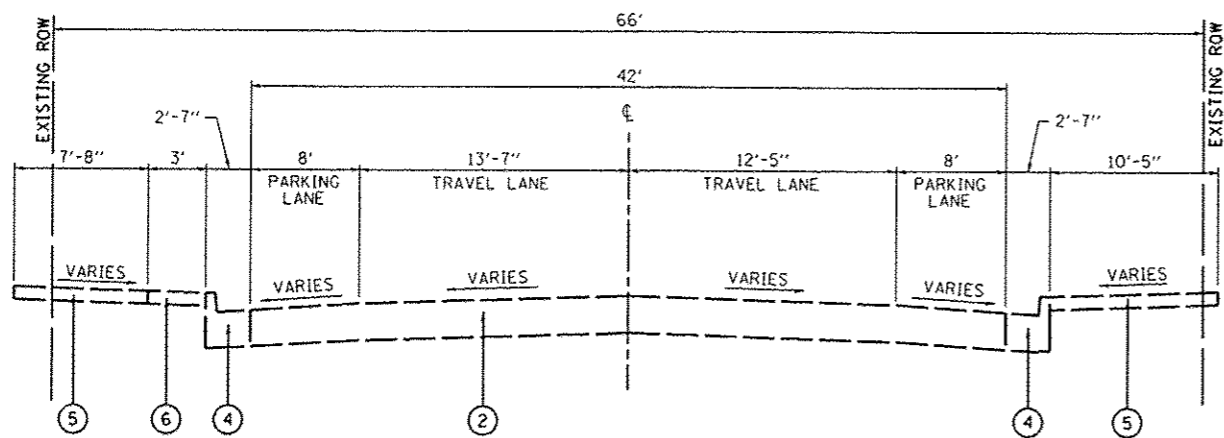
SUMMARY OF QUANTITIES

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	PLOT SCALE * 48.0000" = 1 IN.	CHECKED -	REVISED -				ILLINOIS FED. AID PROJECT				
	PLOT DATE * 1/28/2014	DATE -	REVISED -								

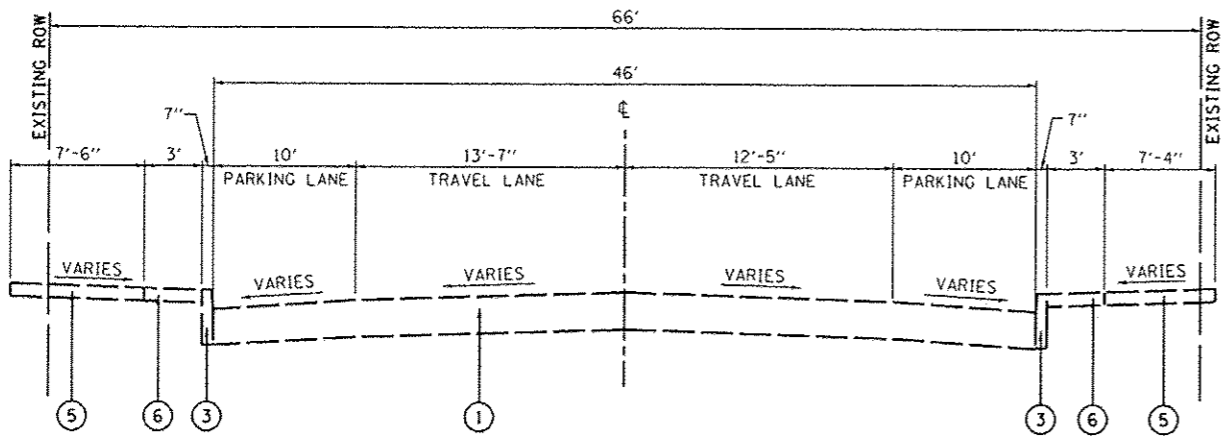




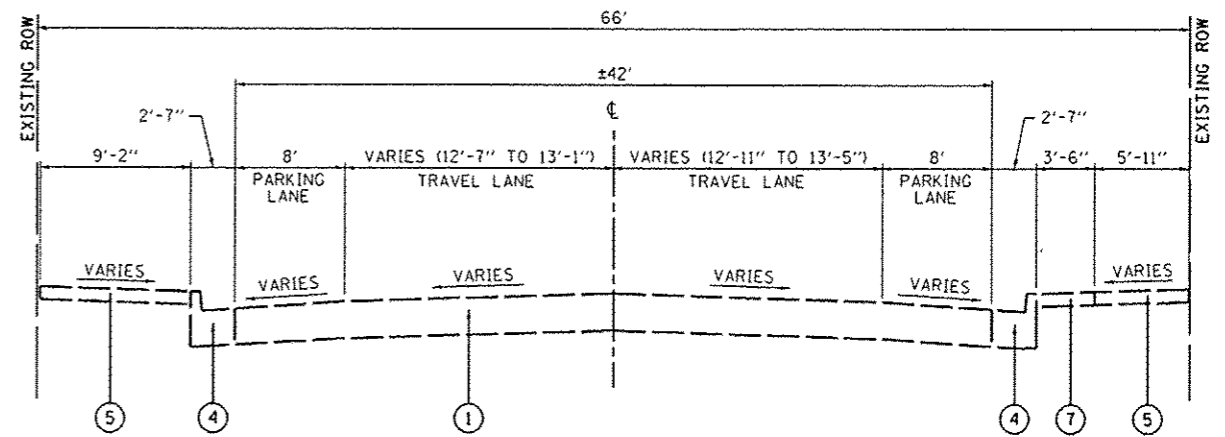
**EXISTING TYPICAL SECTION**  
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STA. 108+12.30 TO STA. 109+18.65



**EXISTING TYPICAL SECTION**  
(NOT TO SCALE)  
STA. 108+03.00 TO STA. 108+12.30



**EXISTING TYPICAL SECTION**  
(NOT TO SCALE)  
STA. 107+82.02 TO STA. 108+03.00



**EXISTING TYPICAL SECTION**  
(NOT TO SCALE)  
STA. 109+18.65 TO STA. 110+55.00

**TYPICAL SECTION LEGEND**

- ① EXISTING HOT-MIX ASPHALT / OIL AND CHIP PAVEMENT
- ② EXISTING OIL AND CHIP PAVEMENT
- ③ EXISTING CONCRETE CURB, TYPE B-6
- ④ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑤ EXISTING PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH
- ⑥ EXISTING PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH SPECIAL (BRICK PATTERN)
- ⑦ EXISTING LAWN AREA
- ⑧ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70, 2"
- ⑨ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 6"
- ⑩ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 12"
- ⑪ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑫ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH
- ⑬ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH, SPECIAL

**TYPICAL SECTION NOTES**

- ① STA. 107+82.02 LT TO STA. 108+20.00 LT CROSS SLOPE TRANSITIONS FROM -3.5% TO -2.0%  
STA. 108+50.00 LT TO STA. 108+75.00 LT CROSS SLOPE TRANSITIONS FROM -2.0% TO -4.0%
- ② STA. 107+82.02 RT TO STA. 108+20.00 RT CROSS SLOPE TRANSITIONS FROM -4.5% TO -2.0%  
STA. 108+90.00 RT TO STA. 109+20.00 RT CROSS SLOPE TRANSITIONS FROM -2.0% TO -4.0%
- ③ STA. 107+82.02 LT TO STA. 108+15 LT PARKING LANE TRANSITIONS FROM 11' TO 8'  
  
STA. 107+82.02 RT TO STA. 108+10 RT PARKING LANE TRANSITIONS FROM 9'-6" TO 8'  
  
STA. 110+22.57 LT TO STA. 110+37.50 LT PARKING LANE TRANSITIONS FROM 8' TO 9'-6"
- ④ STA. 110+41.83 LT TO STA. 110+45.00 LT PARKING LANE TRANSITIONS FROM 9'-6" TO 10'-2"  
STA. 110+41.83 RT TO STA. 110+45.00 RT PARKING LANE TRANSITIONS FROM 8' TO 8'-4"
- ⑤ SEE REMOVAL PLAN SHEET FOR EXISTING PAVEMENT THICKNESSES.

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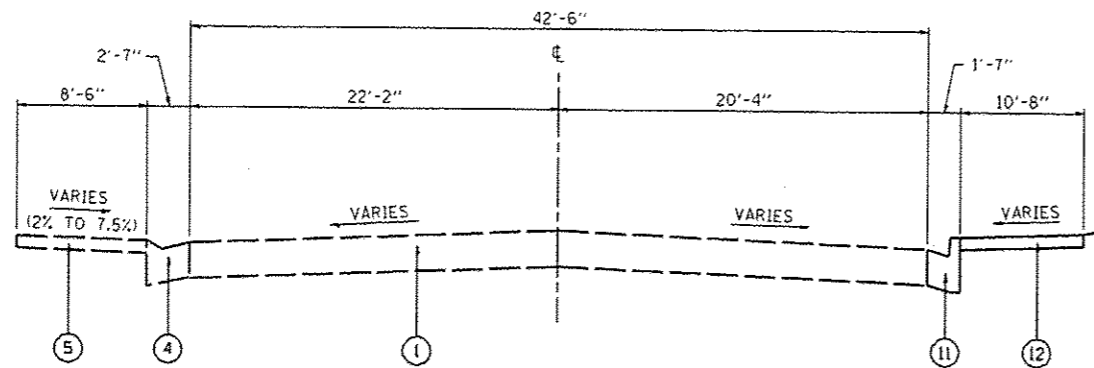
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

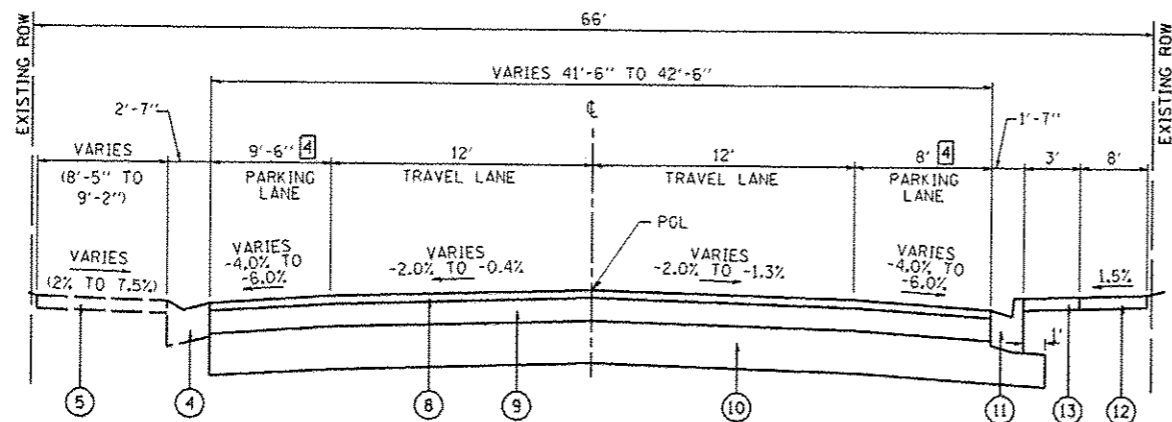
SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	11-00026-02-PV	MADISON	21	5
N. MAIN STREET RECONSTRUCTION			CONTRACT NO. 97550	
ILLINOIS FED. AID PROJECT				



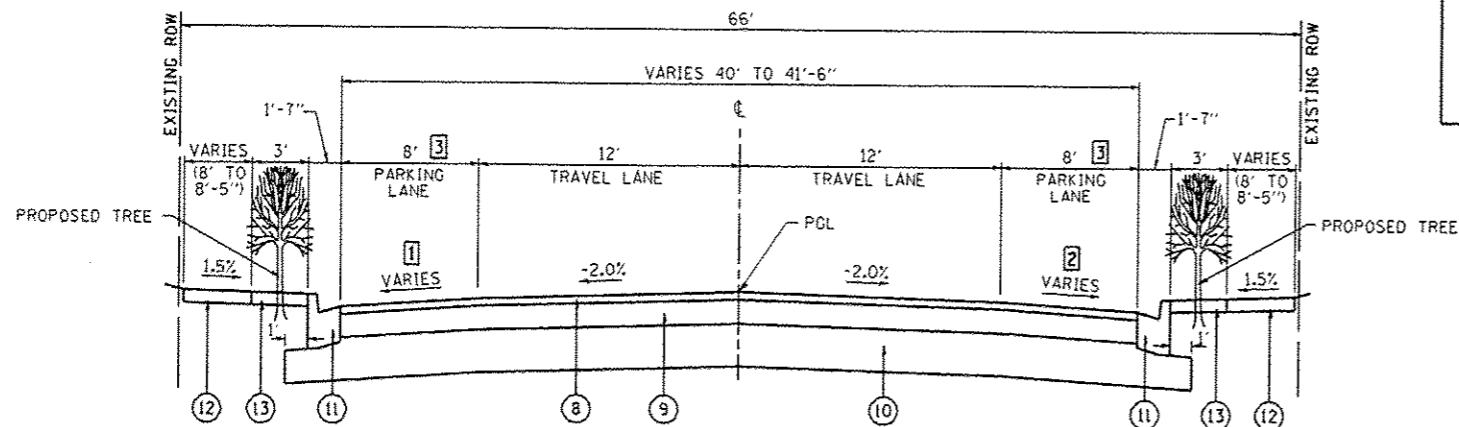
**PROPOSED TYPICAL SECTION**

(NOT TO SCALE)  
STA. 110+45.00 TO STA. 110+55.71



**PROPOSED TYPICAL SECTION**

(NOT TO SCALE)  
STA. 110+37.50 TO STA. 110+45.00



**PROPOSED TYPICAL SECTION**

(NOT TO SCALE)  
STA. 107+82.02 TO STA. 110+37.50

**TYPICAL SECTION LEGEND**

- ① EXISTING HOT-MIX ASPHALT / OIL AND CHIP PAVEMENT
- ② EXISTING OIL AND CHIP PAVEMENT
- ③ EXISTING CONCRETE CURB, TYPE B-6
- ④ EXISTING COMBINATION CONCRETE CURB AND CUTTER, TYPE B-6.24
- ⑤ EXISTING PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH
- ⑥ EXISTING PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH SPECIAL (BRICK PATTERN)
- ⑦ EXISTING LAWN AREA
- ⑧ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70, 2"
- ⑨ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 6"
- ⑩ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 12"
- ⑪ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑫ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH
- ⑬ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH, SPECIAL

**TYPICAL SECTION NOTES**

- ① STA. 107+82.02 LT TO STA. 108+20.00 LT CROSS SLOPE TRANSITIONS FROM -3.5% TO -2.0%  
STA. 108+50.00 LT TO STA. 108+75.00 LT CROSS SLOPE TRANSITIONS FROM -2.0% TO -4.0%
- ② STA. 107+82.02 RT TO STA. 108+20.00 RT CROSS SLOPE TRANSITIONS FROM -4.5% TO -2.0%  
STA. 108+90.00 RT TO STA. 109+20.00 RT CROSS SLOPE TRANSITIONS FROM -2.0% TO -4.0%
- ③ STA. 107+82.02 LT TO STA. 108+15 LT PARKING LANE TRANSITIONS FROM 11' TO 8'  
STA. 107+82.02 RT TO STA. 108+10 RT PARKING LANE TRANSITIONS FROM 9'-6" TO 8'  
STA. 110+22.57 LT TO STA. 110+37.50 LT PARKING LANE TRANSITIONS FROM 8' TO 9'-6"
- ④ STA. 110+41.83 LT TO STA. 110+45.00 LT PARKING LANE TRANSITIONS FROM 9'-6" TO 10'-2"  
STA. 110+41.83 RT TO STA. 110+45.00 RT PARKING LANE TRANSITIONS FROM 8' TO 8'-4"
- ⑤ SEE REMOVAL PLAN SHEET FOR EXISTING PAVEMENT THICKNESSES.

STRUCTURAL DESIGN TRAFFIC:	YEAR:	2024
PV = 2,122	SU = 66	MU = 22
ROAD/STREET CLASSIFICATION:	CLASS:	II
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P = 96%	S = 3%	M = 1%
TRAFFIC FACTOR:	ACTUAL =	0.16
	MIN =	N/A
PG GRADE:	BINDER:	64-22
	SURFACE:	64-22
STRUCTURAL SUPPORT RATING:		
SSR =		POOR

MIXTURE USE	SURFACE COURSE	BINDER COURSE	PAVEMENT PATCHES
THICKNESS	2"	6"	8"
AC/PG	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	SEE BDE SPECIAL PROVISIONS	SEE BDE SPECIAL PROVISIONS	SEE BDE SPECIAL PROVISIONS
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION	IL-9.5	IL-19.0	IL-9.5
FRICITION AGG	MIXTURE "B"	MIXTURE "B"	MIXTURE "C"
DENSITY TEST METHOD	CORES / NUCLEAR	CORES / NUCLEAR	CORES / NUCLEAR

SEE CROSS SECTIONS FOR VARIABLE DIMENSIONS



**CURB & GUTTER SCHEDULE**

STATION	STATION	OFFSET	COMB CONC CUTTER REM (FOOT)	COMB CC&G TB6.12 (FOOT)
107+82	110+38	LT	255	255
107+84	110+57	RT	280	285
<b>TOTAL</b>			<b>535</b>	<b>540</b>

**TREE SCHEDULE**

STATION	OFFSET	T-KOEL PANICULAT 2 (EACH)	T-CERCIS CAN TF 2 (EACH)	TREE FRAME AND GRATES (EACH)
108+59	LT		1	1
108+95	RT	1		1
109+22	LT	1		1
109+98	RT		1	1
110+19	LT		1	1
<b>TOTAL</b>		<b>2</b>	<b>3</b>	<b>5</b>

**ENTRANCE SCHEDULE**

STATION	OFFSET	ENTRANCE TYPE	ENTRANCE WIDTH "W" (FOOT)	EXISTING SURFACE TYPE	PCC DRIVEWAY PAVT B (NOTE 1) (SO YD)	DRIVEWAY PAVEMENT REM (SO YD)
108+55	RT	CE	56	CONC	70	61
109+53	LT	CE	25	HMA	32	28
<b>TOTAL</b>					<b>102</b>	<b>89</b>

**ENTRANCE NOTES:**

- DEPRESSED CURB AND GUTTER THROUGH ENTRANCES SHALL BE MEASURED FOR PAYMENT AS COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12.

**PAVEMENT MARKING SCHEDULE**

STATION	STATION	OFFSET	COMMENT	COLOR	TEMP PVT MK LINE 4 (NOTE 2) (FOOT)	TEMP PVT MK LINE 12 (NOTE 2) (FOOT)	TEMP PVT MK LINE 24 (NOTE 2) (FOOT)	WORK ZONE PAVT MK REM (SO FT)	THPL PVT MK LINE 4 (NOTE 1) (FOOT)	THPL PVT MK LINE 24 (NOTE 1) (FOOT)	PAINT PAVT MK LINE 12 (NOTE 1) (FOOT)
107+14	107+82	LT/RT	X-WALK & STOP BARS	WHITE		385	48	481		48	385
107+86	107+86	LT	STOP BAR	WHITE			40	40		20	
107+86	110+38	CL	DOUBLE CL	YELLOW	500		167	500			
108+15	109+25	LT	PARKING STALL	WHITE	158		53	158			
108+98	110+22	RT	PARKING STALL	WHITE	172		57	172			
109+78	110+22	LT	PARKING STALL	WHITE	68		23	68			
110+38	110+38	RT	STOP BAR	WHITE			20	40		20	
110+45	110+45	LT/RT	X-WALK	WHITE			88	176		88	
110+57	110+76	LT	STOP BAR	WHITE			20	40		20	
110+60	110+98	RT	X-WALK	WHITE			72	144		72	
110+76	110+98	RT	STOP BAR	WHITE			22	44		22	
<b>TOTAL</b>					<b>898</b>	<b>385</b>	<b>290</b>	<b>1,265</b>	<b>898</b>	<b>290</b>	<b>385</b>

**PAVEMENT MARKING NOTES:**

- SEE HIGHWAY STANDARD T80001 FOR PAVEMENT MARKING DETAILS.
- THE QUANTITY FOR TEMPORARY PAVEMENT MARKING ASSUMES ONE APPLICATION IN THE EVENT OF A TEMPORARY SHUTDOWN. THE CONTRACTOR SHALL APPLY AS NECESSARY AND AS DIRECTED BY THE ENGINEER IN THE FIELD.

**SIGN AND POST SCHEDULE**

NO. ON SIGN PLAN	STATION	OFFSET	TYPE	DESCRIPTION	NOMINAL SIZE (FT x FT)	SIGN PANEL T1 (SO FT)	METAL POST SPECIAL (EACH)	NOTES
1	108+15	24' LT	R7-8	RESERVED PARKING	1 x 1.5	1.5	1	REVERSE SIDE BLACK, INCLUDE FRAME
2	109+37	24' RT	R7-303	TWO HOUR PARKING	1 x 1.5	1.5	1	REVERSE SIDE BLACK, INCLUDE FRAME (REMOVE EXISTING SIGN)
3	110+38	24' RT	R1-1	STOP	2.5 x 2.5	6.3	1	REVERSE SIDE BLACK, INCLUDE FRAME (REMOVE EXISTING SIGN)
	110+38	24' RT	STREET SIGN	STREET NAME	3 x 0.67	2.0		"N. Main St."
	110+38	24' RT	STREET SIGN	STREET NAME	3 x 0.67	2.0		"W. Clay St."
<b>TOTAL</b>						<b>13.3</b>	<b>3</b>	

**SIGN AND POST NOTES:**

- EXISTING SIGNS THAT ARE REMOVED SHALL BE THE PROPERTY OF THE CITY OF TROY. THIS WORK SHALL BE INCLUDED IN THE COST OF PROPOSED SIGNS. METAL SIGN POSTS SHALL BE FACTORY FINISHED IN BLACK. TRAFFIC SIGNS MOUNTED TO DECORATIVE METAL POSTS SHALL HAVE THE REVERSE SIDE FACTORY FINISHED IN BLACK. ALL STREET SIGNS ARE DOUBLE FACED. SHAPE SHALL CONFORM TO DECORATIVE METAL POST MANUFACTURER STREET SIGN FRAMES.

**PAVEMENT SCHEDULE**

STATION	STATION	OFFSET	SUB GRAN MAT A 12 (SO YD)	BIT MATS PR CT (NOTE 1) (GAL)	TEMPORARY RAMP (SO YD)	HMA BC IL-19.0, N70 (NOTE 1) (TON)	HMA SC "C" N70 (NOTE 1) (TON)	PAVEMENT REM (SO YD)	HMA SURF REM 2 (SO YD)	CL D PATCH T1 B (SO YD)	HES PCC PVT 10 S & C (SO YD)
107+14	107+82	RT/LT	183					183			183
107+22	107+74	RT/LT		28			42		373		
107+82	110+45	RT/LT	1,328		60	396	132	111			
110+45	110+60	RT	16							9	
110+45	110+68	RT	10							10	
110+59	110+77	RT	13							13	
<b>TOTAL</b>			<b>1,550</b>	<b>28</b>	<b>60</b>	<b>396</b>	<b>174</b>	<b>294</b>	<b>373</b>	<b>32</b>	<b>183</b>

**PAVEMENT NOTES:**

- APPLICATION RATES USED FOR QUANTITY ESTIMATES ARE AS FOLLOWS:  
BITUMINOUS MATERIALS PRIME COAT 0.075 GAL/SY  
HOT-MIX ASPHALT 112 LBS/SY/INCH THICKNESS

**ELECTRICAL SCHEDULE**

STATION	STATION	OFFSET	UNDRGRD C PVC 2 (NOTE 1) (FOOT)	DRILL EX HANDHOLE (EACH)	HANDHOLE (SPL) (EACH)
107+97	110+35	RT	480	1	1
108+10	110+35	LT	460	1	1
<b>TOTAL</b>			<b>940</b>	<b>2</b>	<b>2</b>

**ELECTRICAL NOTES:**

- TWO CONDUIT RUNS ARE REQUIRED FOR BOTH SIDES OF THE ROAD.

**EARTHWORK SCHEDULE**

STATION	STATION	REM & DISP UNS MATL (CU YD)	EMBANKMENT (NOTE 1) (CU YD)	BALANCE WASTE (+) OR SHORTAGE (-) (NOTE 2) (CU YD)
107+14	107+82	60	0	60
107+82	110+45	700	0	700
110+45	110+60	10	0	10
<b>TOTAL</b>		<b>770</b>	<b>0</b>	<b>770</b>

**EARTHWORK NOTES:**

- UNSUITABLE MATERIAL SHALL NOT BE USED AS EMBANKMENT AND SHALL BE REMOVED FROM THE RIGHT-OF-WAY. FOR BIDDING PURPOSES, THE CONTRACTOR SHALL FIGURE ALL EXCAVATION TO BE HAULED OFF-SITE. APPROXIMATE BALANCE IS SHOWN FOR INFORMATION ONLY.

**SIDEWALK SCHEDULE**

STATION	STATION	OFFSET	PC CONC SIDEWALK 4 (NOTE 1) (SO FT)	DETECTABLE WARNINGS (NOTE 1) (SO FT)	SIDEWALK REM (SO FT)	PCC SW 4 SP (SO FT)
107+82	109+40	LT	1,100		1,272	450
107+84	108+27	RT	330		405	130
108+83	110+55	RT	1,345	18	1,050	470
109+65	110+38	LT	545		645	210
111+00	111+10	RT	160	12	135	
<b>TOTAL</b>			<b>3,480</b>	<b>30</b>	<b>3,507</b>	<b>1,260</b>

**SIDEWALK NOTES:**

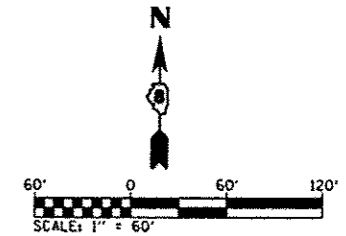
- SIDEWALK RAMPS ACCESSIBLE TO THE DISABLED ARE REQUIRED. SEE PLAN SHEETS FOR LOCATIONS AND TYPES. SEE HIGHWAY STANDARD 424001 & 424016 FOR SIDEWALK RAMP DETAILS.





**TRAFFIC CONTROL - STAGE 1**  
**CONSTRUCTION OF SOUTHBOUND IMPROVEMENTS**

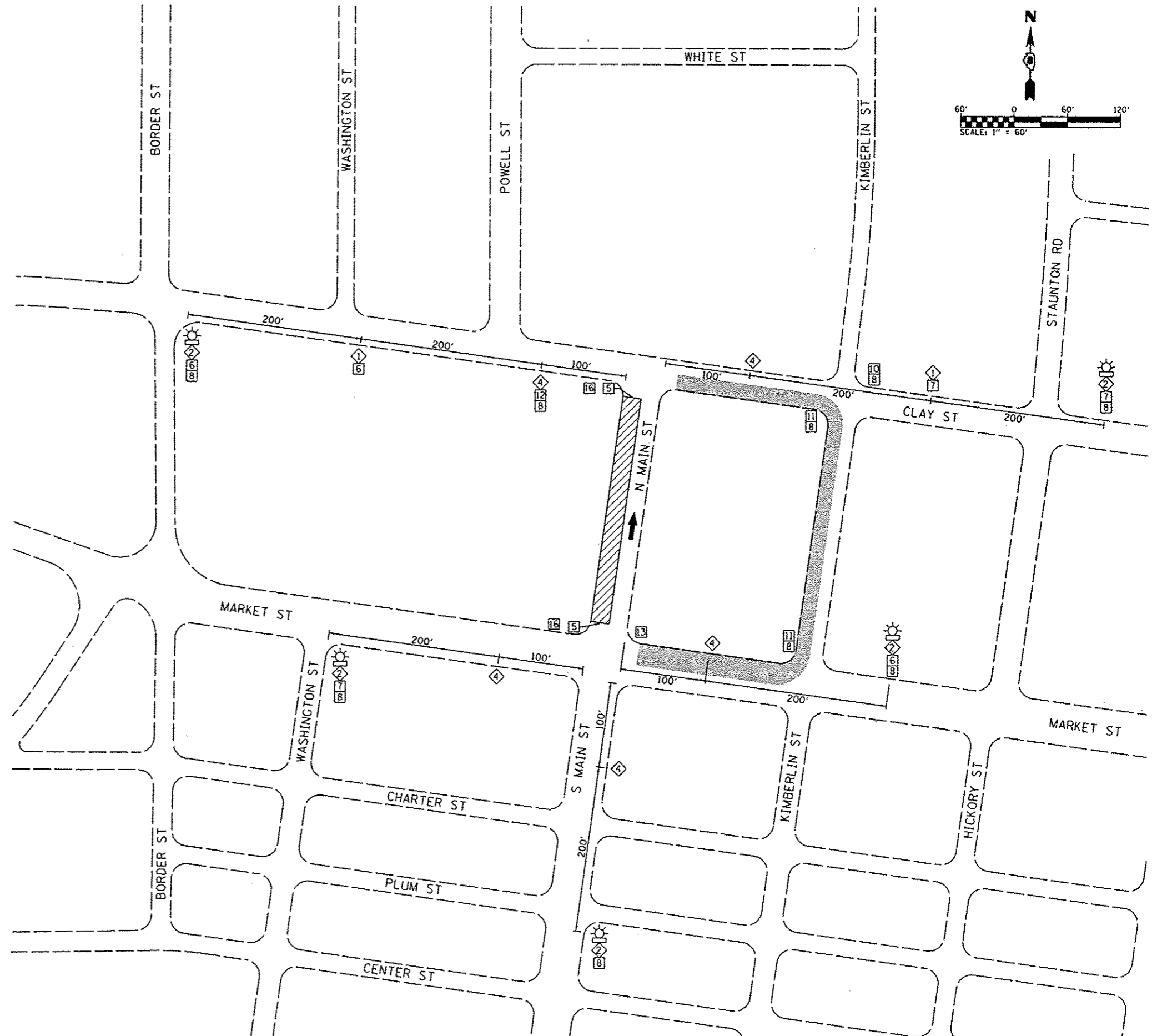
1. ALL SERVICES AND PROPERTY OWNERS FRONTING THE PROJECT SHALL BE NOTIFIED AT LEAST 48 HOURS PRIOR TO ROAD CLOSURES AFFECTING THEIR ACCESS.
2. SET UP TRAFFIC CONTROL ACCORDING TO THE LAYOUT SHOWN ON THIS SHEET.
3. MAINTAIN NORTHBOUND TRAFFIC FOR THROUGH AND PARKING LANES AS WELL AS PEDESTRIAN TRAFFIC ON THE ADJACENT SIDEWALK.
4. REMOVE EXISTING CURB, CUTTER, PAVEMENT, SIDEWALK, ETC NECESSARY TO CONSTRUCT THE IMPROVEMENTS ON THE WEST SIDE OF THE PROJECT.
5. CONSTRUCT THE WEST SIDE OF THE PROJECT CONSISTING OF RECONSTRUCTION OF THE SOUTHBOUND THROUGH AND PARKING LANES AND ALL ADJACENT ITEMS SUCH AS CONCRETE CURB AND GUTTER AND SIDEWALK. DO NOT PLACE HMA SURFACE COURSE UNTIL STAGE 3.
6. SET UP TRAFFIC CONTROL FOR STAGE 2.



**TRAFFIC CONTROL PLAN LEGEND**

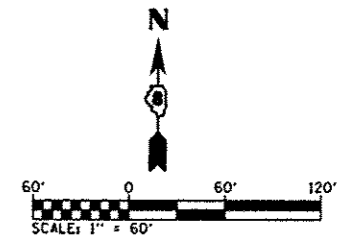
① ROAD CLOSED AHEAD-W20-310	← TRAFFIC FLOW	▨ WORK ZONE (TYP)
② ROAD CONSTRUCTION AHEAD-W20-110		▩ DETOUR ROUTE
③ BARRICADE AHEAD		
④ WORKERS-W21-1010 (ONLY WHEN WORKERS ARE PRESENT)		
⑤ TYPE III BARRICADES, R-11-4-6030 (ROAD CLOSED TO THRU TRAFFIC) SIGNS, AND TYPE A LOW INTENSITY FLASHING LIGHTS		
⑥ 24" x 24" [Sign]		⑩ 48" x 48" FLUORESCENT ORANGE
⑦ 24" x 24" [Sign]		⑪ TYPE A LOW INTENSITY FLASHING LIGHT
⑧ 24" x 8" [Sign: N MAIN ST]		⑫ TEMPORARY STOP SIGN
⑨ 24" x 8" [Sign: MARKET ST]		
⑬ DETOUR LEFT M4-9L10 30" x 24"		
⑭ DETOUR RIGHT M4-9R10 30" x 24"		
⑮ DETOUR STRAIGHT M4-9S10 30" x 24"		
⑯ END DETOUR M4-8010 24" x 18"		
⑰ 24" x 8" [Sign: IL-162 WEST]		
⑱ 24" x 8" [Sign: IL-162 EAST]		
		⑲ SIDEWALK CLOSED (SEE HWY STD 701801)

- NOTES**
1. TYPE III BARRICADES AND ROAD CLOSURE SIGNS SHALL BE POSITIONED AS SHOWN, IN ACCORDANCE WITH HIGHWAY STANDARD 701901, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND AS DIRECTED BY THE ENGINEER.
  2. TYPE A LOW INTENSITY FLASHING WARNING LIGHTS SHALL BE USED ON THE FIRST SIGN IN ADVANCE OF THE WORK SITE AND TYPE III BARRICADES DURING HOURS OF DARKNESS.
  3. ALL WARNING SIGNS SHALL BE A MINIMUM OF 48" x 48" AND HAVE A BLACK LEGEND AND BORDER ON A FLUORESCENT ORANGE REFLECTORIZED BACKGROUND.
  4. WARNING SIGNS SHALL BE PLACED AT THE ENTRANCE TO THE PROJECT TO NOTIFY MOTORISTS OF THE UPCOMING ROAD CLOSURE.
  5. EXACT LOCATION OF WARNING SIGNS AND BARRICADES SHALL BE STAKED IN THE FIELD FOR APPROVAL BY THE ENGINEER PRIOR TO INSTALLATION.
  6. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ENTRANCES AT ALL TIMES.
  7. SEE HIGHWAY STANDARDS 701801 AND 701901 FOR ADDITIONAL TRAFFIC CONTROL GUIDELINES.
  8. AT NO TIME SHALL THE COMPLETE CLOSURE OF THE U.S. BANK'S ENTRANCE ALONG NORTH MAIN STREET BE PERMITTED.
  9. STORE FRONT ACCESS SHALL BE MAINTAINED UTILIZING A COMBINATION OF HIGH EARLY-STRENGTH CONCRETE AND TEMPORARY WOODEN RAMPS.
  10. TRAFFIC CONTROL SIGNS, PLACEMENT, AND MAINTENANCE PAID FOR IN UNIT COST FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL).



**TRAFFIC CONTROL - STAGE 2**  
**CONSTRUCTION OF NORTHBOUND IMPROVEMENTS**

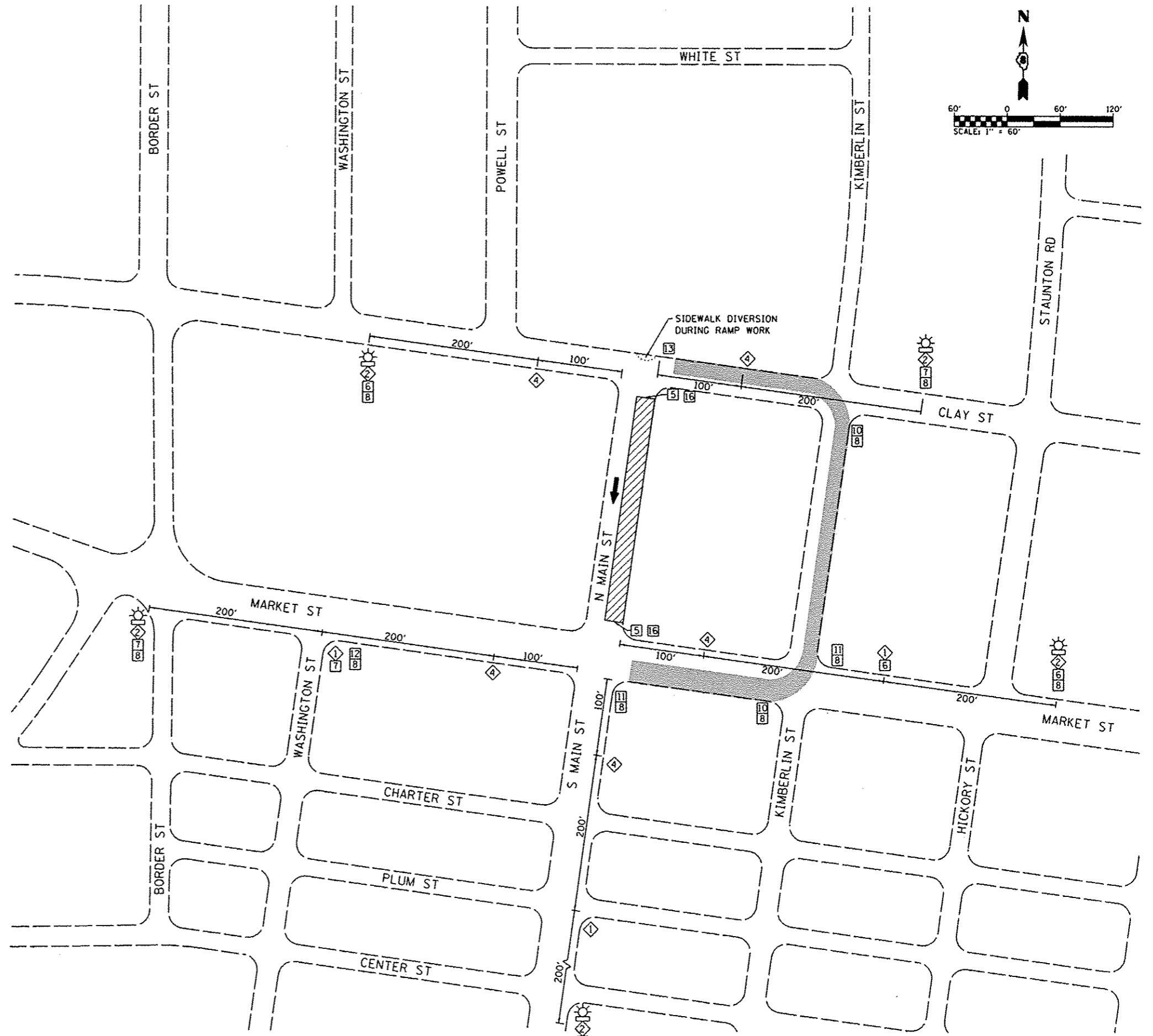
1. ALL SERVICES AND PROPERTY OWNERS FRONTING THE PROJECT SHALL BE NOTIFIED AT LEAST 48 HOURS PRIOR TO ROAD CLOSURES AFFECTING THEIR ACCESS.
2. SET UP TRAFFIC CONTROL ACCORDING TO THE LAYOUT SHOWN ON THIS SHEET.
3. MAINTAIN SOUTHBOUND TRAFFIC FOR THROUGH AND PARKING LANES AS WELL AS PEDESTRIAN TRAFFIC ON THE ADJACENT SIDEWALK.
4. REMOVE EXISTING CURB, GUTTER, PAVEMENT, SIDEWALK, ETC NECESSARY TO CONSTRUCT THE IMPROVEMENTS ON THE EAST SIDE OF THE PROJECT.
5. CONSTRUCT THE EAST SIDE OF THE PROJECT CONSISTING OF RECONSTRUCTION OF THE SOUTHBOUND THROUGH AND PARKING LANES AND ALL ADJACENT ITEMS SUCH AS CONCRETE CURB AND GUTTER AND SIDEWALK. DO NOT PLACE HMA SURFACE COURSE UNTIL STAGE 3.
6. SET UP TRAFFIC CONTROL FOR STAGE 3.



**TRAFFIC CONTROL PLAN LEGEND**

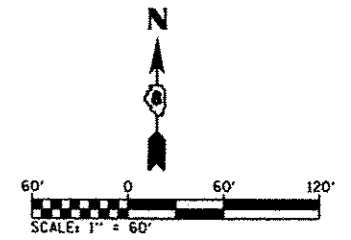
① ROAD CLOSED AHEAD-W20-3(O)	← TRAFFIC FLOW
② ROAD CONSTRUCTION AHEAD-W20-1(O)	▨ WORK ZONE (TYP)
③ BARRICADE AHEAD	▭ DETOUR ROUTE
④ WORKERS-W21-1a(O) (ONLY WHEN WORKERS ARE PRESENT)	
⑤ TYPE III BARRICADES, R-11-4-6030 (ROAD CLOSED TO THRU TRAFFIC) SIGNS, AND TYPE A LOW INTENSITY FLASHING LIGHTS	
⑥ 24" x 24" [Symbol]	48" x 48" FLUORESCENT ORANGE
⑦ 24" x 24" [Symbol]	
⑧ 24" x 8" [Symbol]	
⑨ 24" x 8" [Symbol]	
⑩ DETOUR LEFT M4-9L(O) 30" X 24"	☀ TYPE A LOW INTENSITY FLASHING LIGHT
⑪ DETOUR RIGHT M4-9R(O) 30" X 24"	⊥ TEMPORARY STOP SIGN
⑫ DETOUR STRAIGHT M4-9S(O) 30" X 24"	
⑬ END DETOUR M4-8a(O) 24" X 18"	⑮ 24" x 8" [Symbol]
⑭ 24" x 8" [Symbol]	⑯ SIDEWALK CLOSED (SEE HWY STD 701801)

- NOTES**
1. TYPE III BARRICADES AND ROAD CLOSURE SIGNS SHALL BE POSITIONED AS SHOWN, IN ACCORDANCE WITH HIGHWAY STANDARD 701901, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND AS DIRECTED BY THE ENGINEER.
  2. TYPE A LOW INTENSITY FLASHING WARNING LIGHTS SHALL BE USED ON THE FIRST SIGN IN ADVANCE OF THE WORK SITE AND TYPE III BARRICADES DURING HOURS OF DARKNESS.
  3. ALL WARNING SIGNS SHALL BE A MINIMUM OF 48" x 48" AND HAVE A BLACK LEGEND AND BORDER ON A FLUORESCENT ORANGE REFLECTORIZED BACKGROUND.
  4. WARNING SIGNS SHALL BE PLACED AT THE ENTRANCE TO THE PROJECT TO NOTIFY MOTORISTS OF THE UPCOMING ROAD CLOSURE.
  5. EXACT LOCATION OF WARNING SIGNS AND BARRICADES SHALL BE STAKED IN THE FIELD FOR APPROVAL BY THE ENGINEER PRIOR TO INSTALLATION.
  6. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ENTRANCES AT ALL TIMES.
  7. SEE HIGHWAY STANDARDS 701801 AND 701901 FOR ADDITIONAL TRAFFIC CONTROL GUIDELINES.
  8. AT NO TIME SHALL THE COMPLETE CLOSURE OF THE U.S. BANK'S ENTRANCE ALONG NORTH MAIN STREET BE PERMITTED.
  9. STORE FRONT ACCESS SHALL BE MAINTAINED UTILIZING A COMBINATION OF HIGH EARLY-STRENGTH CONCRETE AND TEMPORARY WOODEN RAMPS.
  10. TRAFFIC CONTROL SIGNS, PLACEMENT, AND MAINTENANCE PAID FOR IN UNIT COST FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL).



**TRAFFIC CONTROL - STAGE 3**  
**CONSTRUCTION OF INTERSECTION IMPROVEMENTS**

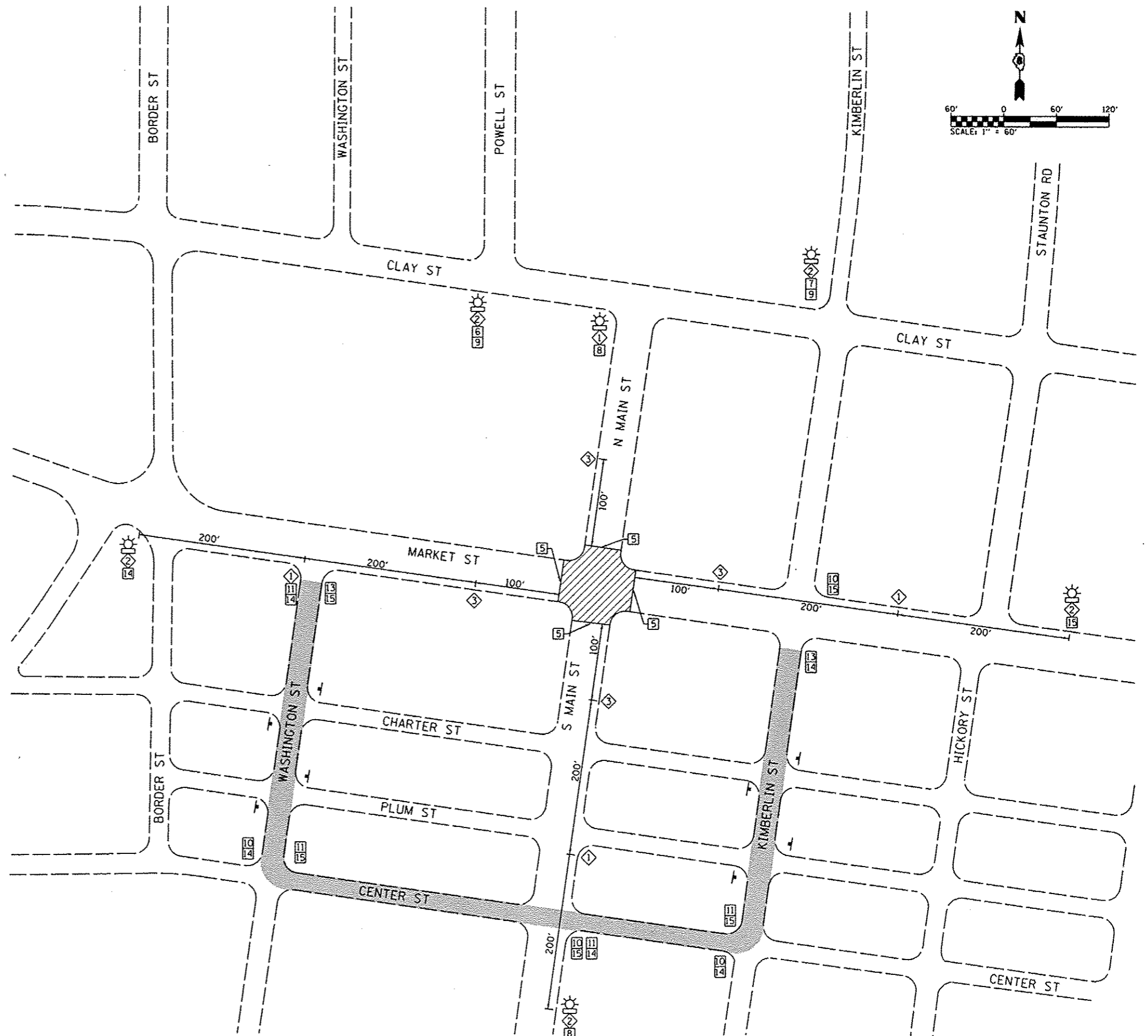
1. ALL SERVICES AND PROPERTY OWNERS FRONTING THE PROJECT SHALL BE NOTIFIED AT LEAST 48 HOURS PRIOR TO ROAD CLOSURES AFFECTING THEIR ACCESS.
2. SET UP TRAFFIC CONTROL ACCORDING TO THE LAYOUT SHOWN ON THIS SHEET.
3. LOCAL EMERGENCY RESPONSE AGENCIES, AS WELL AS POSTAL AND SCHOOL SERVICES, SHALL BE INFORMED OF ALL OPERATIONS PRIOR TO ANY ROAD CLOSURES.
4. THE INTERSECTION MAY BE CLOSED FOR A MAXIMUM OF SIX CONSECUTIVE CALENDAR DAYS. AFTER THIS PERIOD THE INTERSECTION SHALL BE REOPENED TO ALL TRAFFIC.
5. REMOVE EXISTING PAVEMENT, SURFACE COURSE, ETC NECESSARY TO CONSTRUCT THE INTERSECTION IMPROVEMENTS.
6. CONSTRUCT THE CONCRETE STAMPED PAVEMENT AND ALL OTHER INTERSECTION ITEMS. PLACE HMA SURFACE COURSE AND PAVEMENT MARKINGS THROUGHOUT ENTIRE PROJECT.

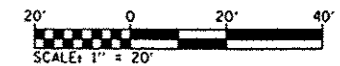
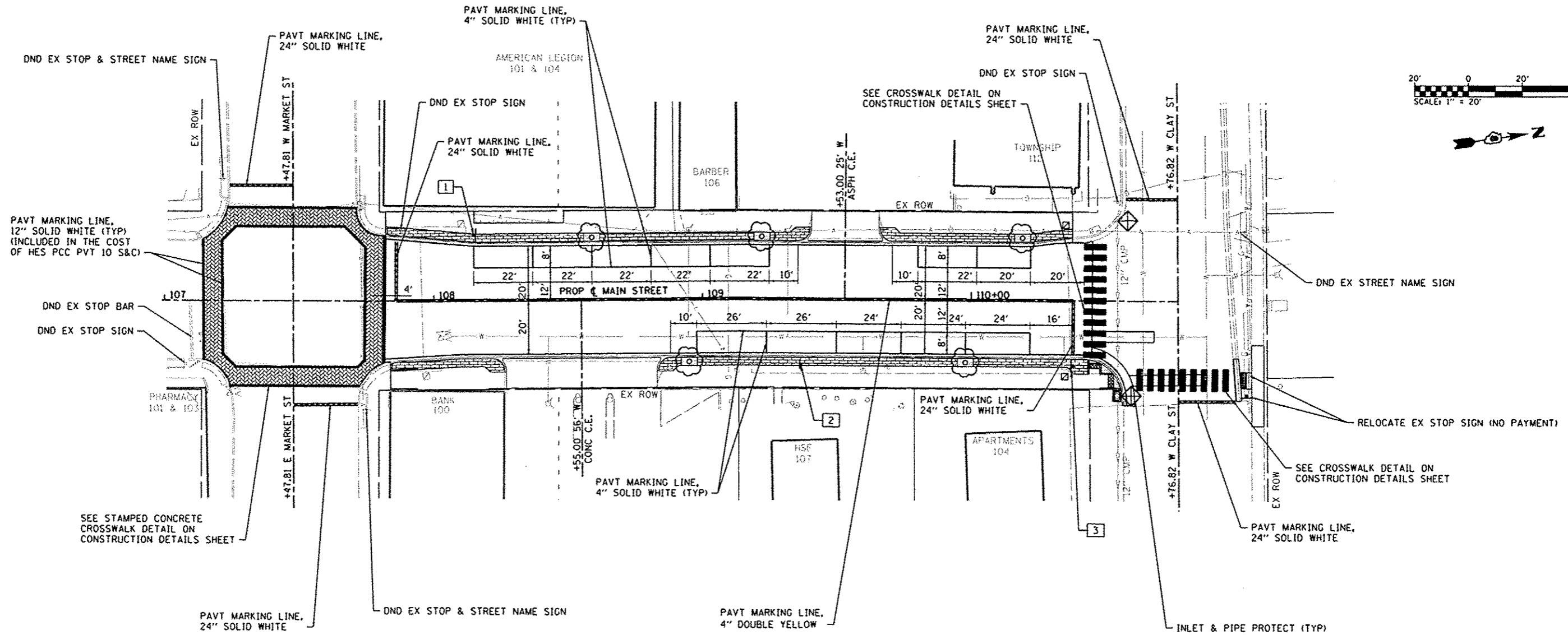


**TRAFFIC CONTROL PLAN LEGEND**

1	ROAD CLOSED AHEAD-W20-3(O)	←	TRAFFIC FLOW
2	ROAD CONSTRUCTION AHEAD-W20-1(O)	▨	WORK ZONE (TYP)
3	BARRICADE AHEAD	▩	DETOUR ROUTE
4	WORKERS-W21-1(O) (ONLY WHEN WORKERS ARE PRESENT)		
5	TYPE III BARRICADES, R-11-4-6030 (ROAD CLOSED TO THRU TRAFFIC) SIGNS, AND TYPE A LOW INTENSITY FLASHING LIGHTS		
6	24" x 24"	↖	48" x 48" FLUORESCENT ORANGE
7	24" x 24"	↗	
8	24" x 8" N MAIN ST		
9	24" x 8" MARKET ST		
10	DETOUR LEFT M4-9L(O) 30" X 24"	⚡	TYPE A LOW INTENSITY FLASHING LIGHT
11	DETOUR RIGHT M4-9R(O) 30" X 24"	⊥	TEMPORARY STOP SIGN
12	DETOUR STRAIGHT M4-9S(O) 30" X 24"		
13	END DETOUR M4-8(O) 24" X 18"	15	24" x 8" IL-162 WEST
14	24" x 8" IL-162 EAST	16	SIDEWALK CLOSED (SEE HWY STD 701801)

- NOTES**
1. TYPE III BARRICADES AND ROAD CLOSURE SIGNS SHALL BE POSITIONED AS SHOWN, IN ACCORDANCE WITH HIGHWAY STANDARD 701901, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND AS DIRECTED BY THE ENGINEER.
  2. TYPE A LOW INTENSITY FLASHING WARNING LIGHTS SHALL BE USED ON THE FIRST SIGN IN ADVANCE OF THE WORK SITE AND TYPE III BARRICADES DURING HOURS OF DARKNESS.
  3. ALL WARNING SIGNS SHALL BE A MINIMUM OF 48" x 48" AND HAVE A BLACK LEGEND AND BORDER ON A FLUORESCENT ORANGE REFLECTORIZED BACKGROUND.
  4. WARNING SIGNS SHALL BE PLACED AT THE ENTRANCE TO THE PROJECT TO NOTIFY MOTORISTS OF THE UPCOMING ROAD CLOSURE.
  5. EXACT LOCATION OF WARNING SIGNS AND BARRICADES SHALL BE STAKED IN THE FIELD FOR APPROVAL BY THE ENGINEER PRIOR TO INSTALLATION.
  6. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ENTRANCES AT ALL TIMES.
  7. SEE HIGHWAY STANDARDS 701801 AND 701901 FOR ADDITIONAL TRAFFIC CONTROL GUIDELINES
  8. AT NO TIME SHALL THE COMPLETE CLOSURE OF THE U.S. BANK'S ENTRANCE ALONG NORTH MAIN STREET BE PERMITTED.
  9. STORE FRONT ACCESS SHALL BE MAINTAINED UTILIZING A COMBINATION OF HIGH EARLY-STRENGTH CONCRETE AND TEMPORARY WOODEN RAMPS.
  10. TRAFFIC CONTROL SIGNS, PLACEMENT, AND MAINTENANCE PAID FOR IN UNIT COST FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL).











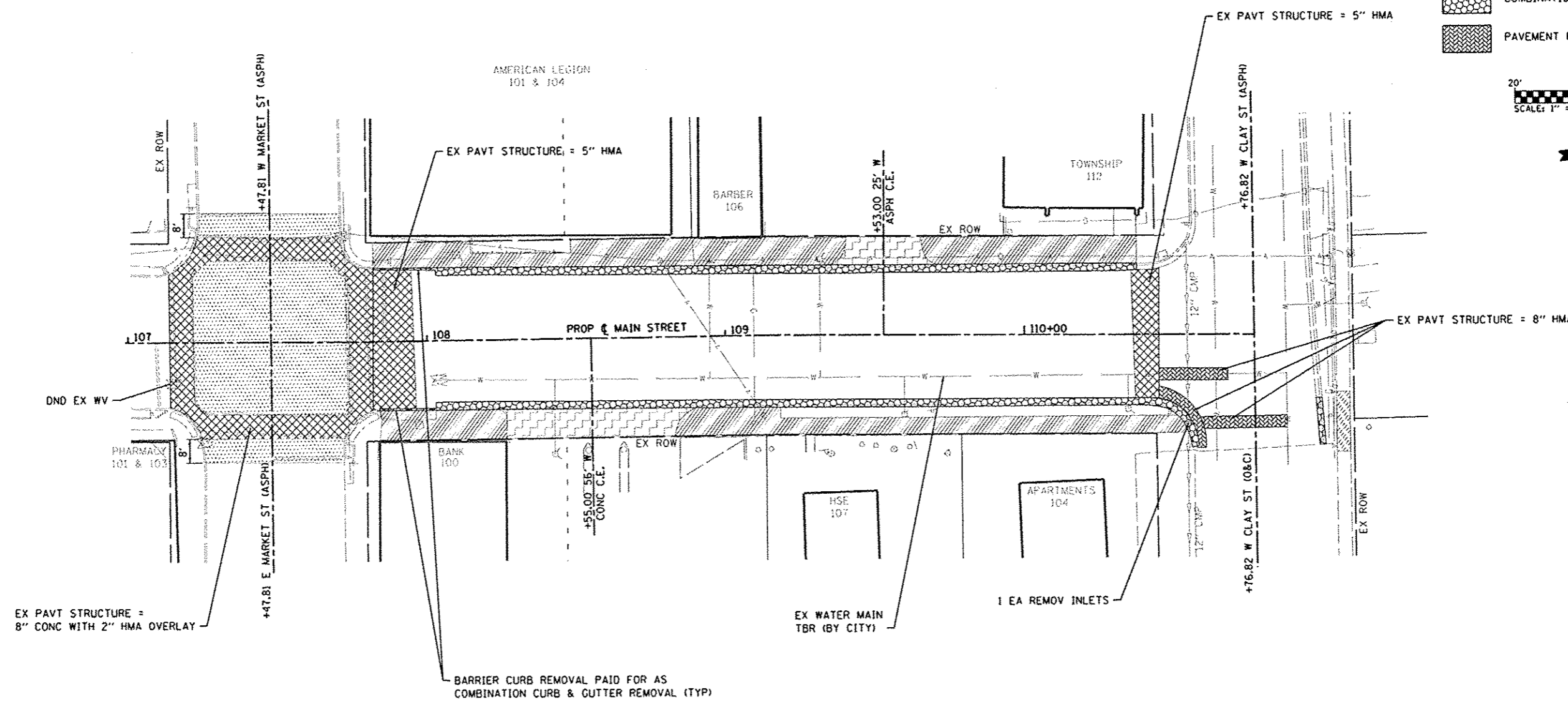
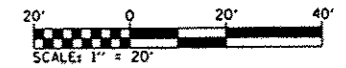
**NOTES**

1. NUMBERS CORRESPOND TO NUMBERS ON SIGN AND POST SCHEDULE. SEE SCHEDULE FOR MORE INFORMATION.
2. PROP SIGN LOCATIONS ARE APPROXIMATE. LOCATIONS MAY BE MOVED SLIGHTLY TO AVOID CONFLICTS WITH OTHER PHYSICAL FEATURES.

FILE NAME : 00260591.003-ehtr-aros-pmk.dgn	USER NAME : default	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EROSION CONTROL, SIGNING, AND PAVEMENT MARKING PLAN</b>	F.A. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT TIME : 7:43:52 AM	DRAWN -	REVISED -			9393	11-00026-02-PV	MADISON	21	12	
	PLOT SCALE : 48.0000' / IN.	CHECKED -	REVISED -			N. MAIN STREET RECONSTRUCTION CONTRACT NO. 97550					
	PLOT DATE : 1/28/2014	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
						SCALE:	SHEET 1 OF 1 SHEETS		STA.	TO STA.	

**REMOVAL LEGEND**

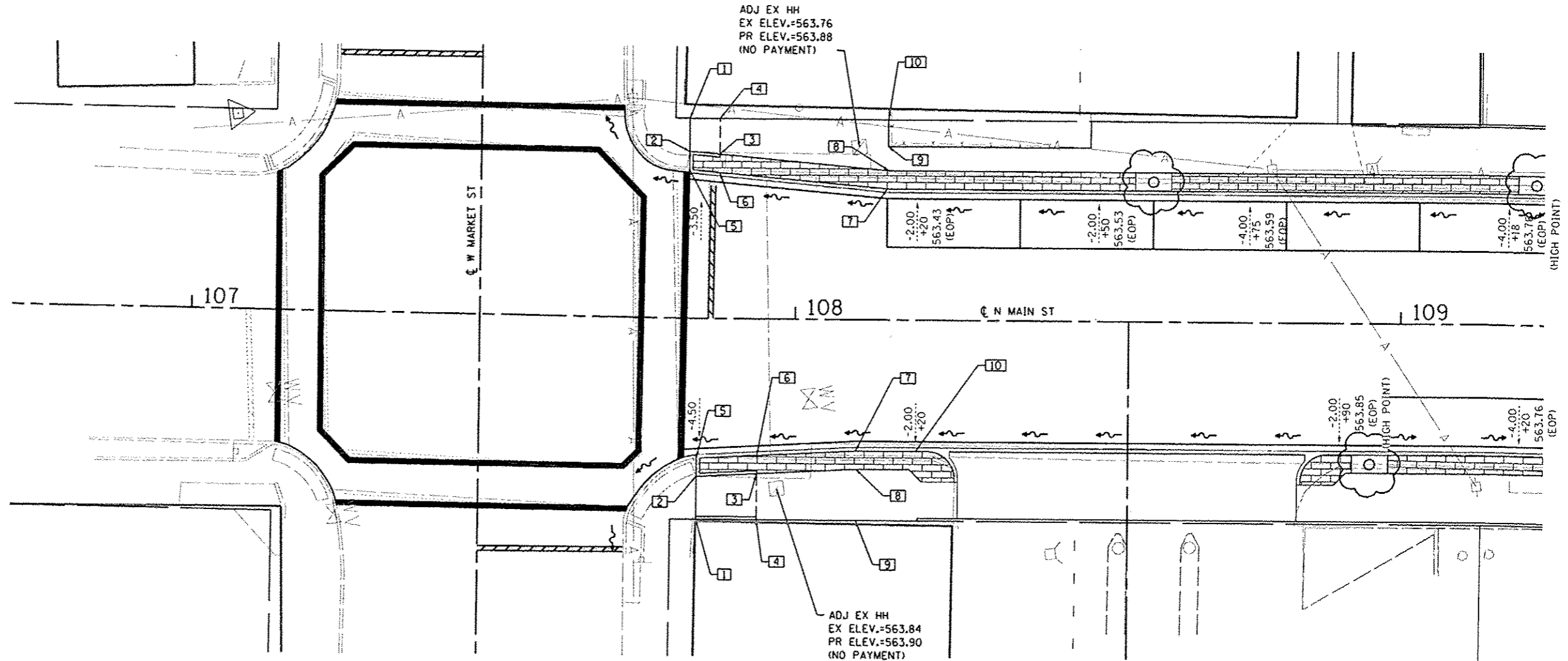
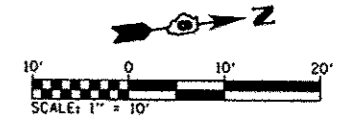
-  HMA SURFACE REMOVAL
-  PAVEMENT REMOVAL
-  SIDEWALK REMOVAL
-  DRIVEWAY PAVEMENT REMOVAL
-  COMBINATION CURB & GUTTER REMOVAL
-  PAVEMENT PATCHES



FILE NAME : 08260591.003-shc-rem.dgn	USER NAME : default	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>REMOVAL PLAN</b>	F.A. RTE. 9393	SECTION 11-00026-02-PV	COUNTY MADISON	TOTAL SHEETS 21	SHEET NO. 13	
	PLOT TIME : 7:43:54 AM	DRAWN -	REVISED -			SCALE: 1" = 20' SHEET 1 OF 1 SHEETS STA. TO STA.					
	PLOT SCALE : 40.0000' / IN.	CHECKED -	REVISED -			N. MAIN STREET RECONSTRUCTION CONTRACT NO. 97550					
	PLOT DATE : 1/28/2014	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



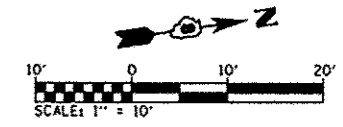
WEST RAMP					
PT NO.	STATION	OFFSET	ELEVATION		
1	+82.3	33.0		563.47 (SW) (ME)	
2	+82.3	27.5	563.72 (TC)	563.45 (SW) (ME)	
3	+87.3	27.1		563.72 (SW/TC)	
4	+87.3	33.0		563.74 (SW)	
5	+82.3	24.5	563.72 (TC)	563.40 (SW) (ME)	563.36 (EOP) (ME)
6	+87.3	24.1		563.72 (SW/TC)	563.37 (EOP)
7	+15.0	21.6		563.86 (SW/TC)	563.42 (EOP)
8	+15.0	24.6		563.88 (SW)	
9	+15.0	28.6		563.90 (SW)	
10	+15.0	33.0		563.92 (SW)	



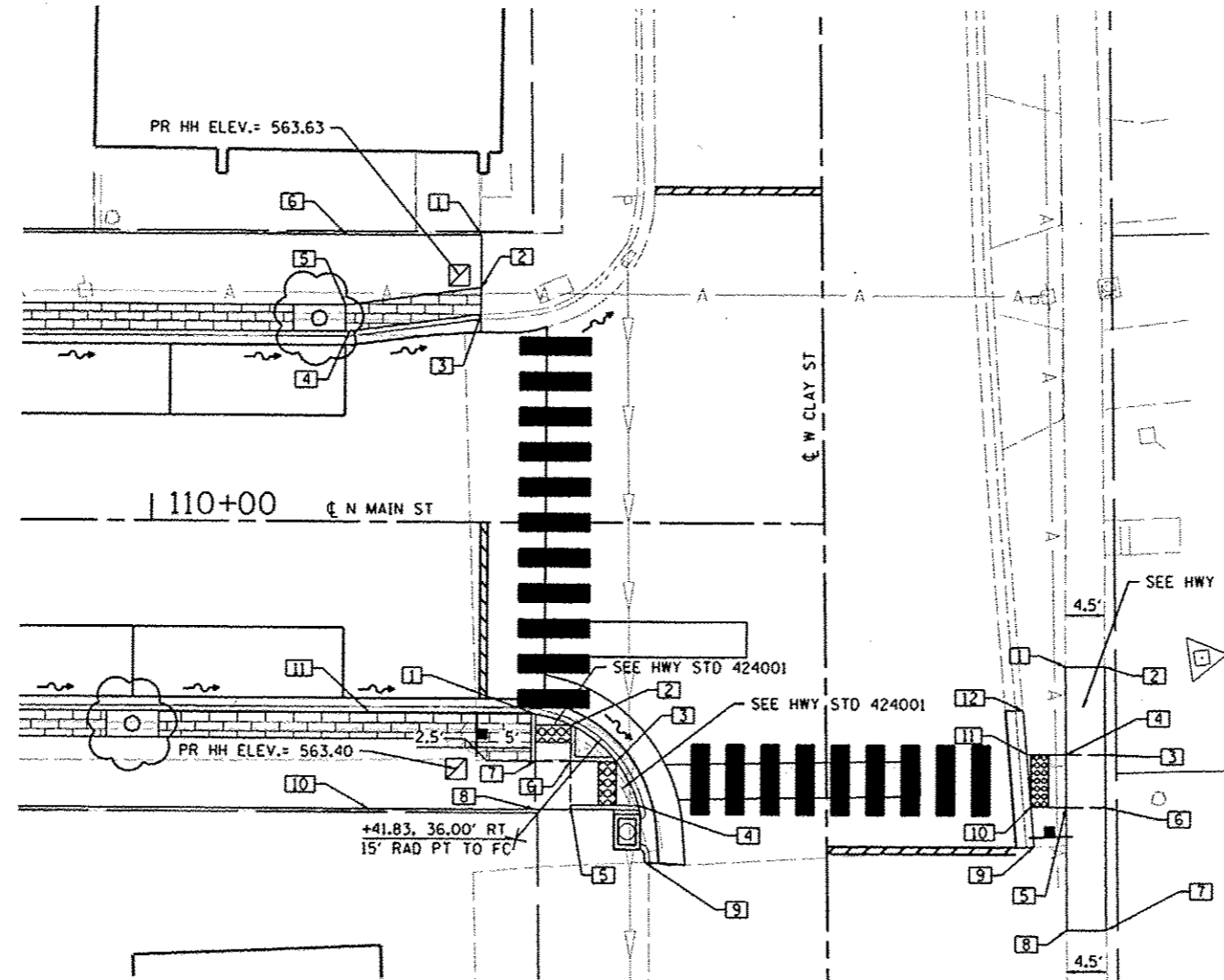
EAST RAMP					
PT NO.	STATION	OFFSET	ELEVATION		
1	+83.8	33.0	563.91 (TC) (ME)	563.20 (SW) (ME)	
2	+83.8	29.9	563.77 (TC)	563.32 (SW) (ME)	
3	+93.8	25.4		563.84 (SW/TC)	
4	+93.8	33.0		563.95 (SW/TC)	
5	+83.8	23.0	563.77 (TC)	563.35 (SW) (ME)	563.33 (EOP) (ME)
6	+93.8	22.4		563.79 (SW/TC)	563.35 (EOP)
7	+10.0	21.6		563.83 (SW/TC)	563.39 (EOP)
8	+10.0	24.6		563.88 (SW)	
9	+10.0	33.0		564.00 (SW)	
10	+20.0	21.6		563.88 (SW/TC)	563.44 (EOP)

-X.XXX% PAVEMENT CROSS SLOPE

- ABBREVIATIONS:
- TC - TOP OF CURB
  - FC - FLOWLINE OF GUTTER
  - EOP - EDGE OF PAVEMENT
  - SW - SIDEWALK
  - ME - MATCH EXISTING



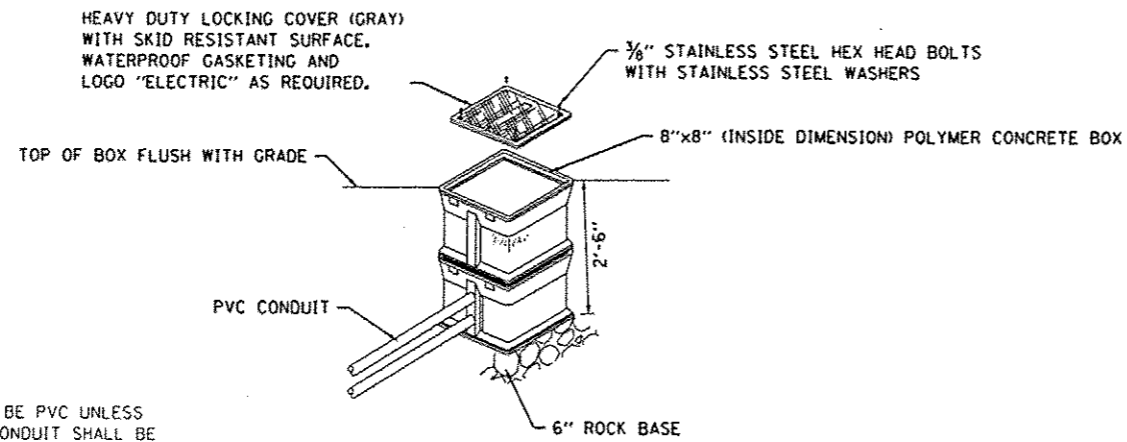
WEST RAMP				
PT NO.	STATION	OFFSET	ELEVATION	
1	+37.5	32.6	563.69 (SW) (ME)	
2	+37.5	26.6	563.57 (SW) (ME)	
3	+37.5	23.6	563.51 (SW/TC) (ME)	563.20 (EOP) (ME)
4	+22.6	21.6	563.77 (SW/TC)	
5	+22.6	24.6	563.82 (SW)	
6	+22.6	32.6	563.93 (SW)	



NORTH RAMP				
PT NO.	STATION	OFFSET	ELEVATION	
1	+04.3	16.1	562.37 (SW) (ME)	
2	+08.8	16.1	562.47 (SW) (ME)	
3	+08.9	26.1	562.14 (SW)	
4	+04.4	26.1	562.06 (SW)	
5	+04.5	32.1	561.94 (SW)	
6	+09.0	32.1	562.02 (SW)	
7	+09.1	46.1	561.70 (SW) (ME)	
8	+04.6	46.1	561.60 (SW) (ME)	
9	+00.9	36.6	561.51 (FG) (ME)	561.62 (EOP) (ME)
10	+00.5	32.1	561.74 (FG)	561.78 (SW/TC)
11	+99.9	26.1	561.86 (FG)	561.90 (SW/TC)
12	+99.5	21.1	561.95 (FG) (ME)	562.08 (EOP) (ME)

SOUTH RAMPS				
PT NO.	STATION	OFFSET	ELEVATION	
1	+44.0	21.7	563.60 (TC)	563.15 (EOP)
2	+48.0	23.0	563.52 (TC)	563.07 (EOP)
3	+53.2	27.1	563.06 (TC)	562.60 (SW)
4	+55.7	32.1	562.96 (TC)	562.51 (EOP)
5	+48.0	32.1	563.01 (SW/TC)	
6	+48.0	27.1	563.02 (SW/TC)	
7	+44.0	27.1	563.10 (SW/TC)	
8	+44.0	32.6	563.09 (SW)	
9	+56.5	38.6	562.10 (TC)	561.90 (EOP) (ME)
10	+25.0	32.6	563.71 (SW)	
11	+25.0	21.6	563.76 (SW/TC)	

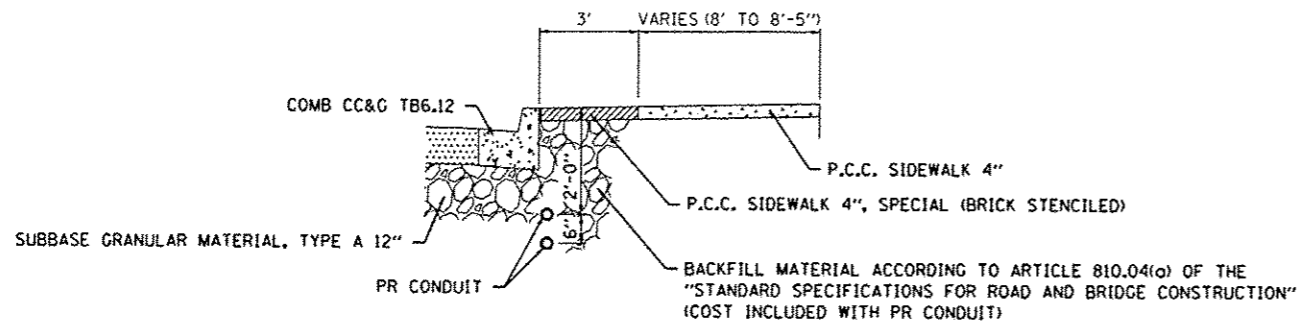
ABBREVIATIONS:  
 TC - TOP OF CURB  
 FG - FLOWLINE OF GUTTER  
 EOP - EDGE OF PAVEMENT  
 SW - SIDEWALK  
 ME - MATCH EXISTING



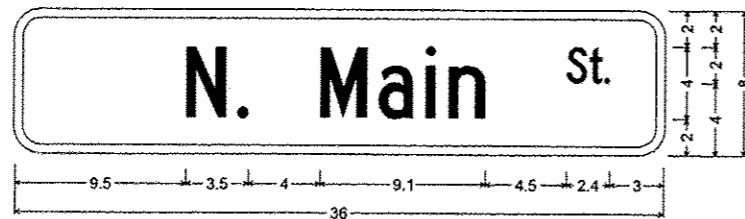
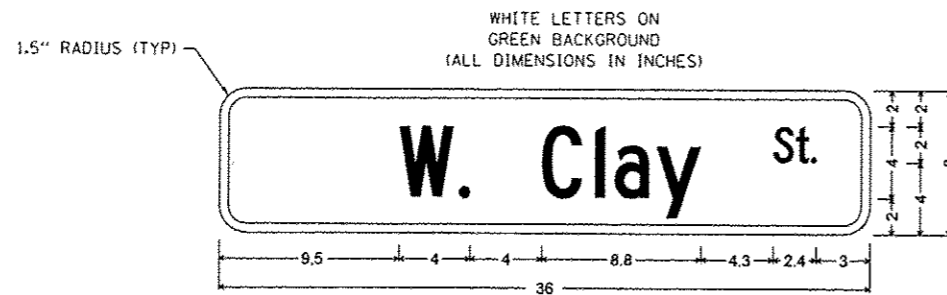
**HANDHOLE (SPECIAL) DETAIL**  
(NOT TO SCALE)

**NOTES:**

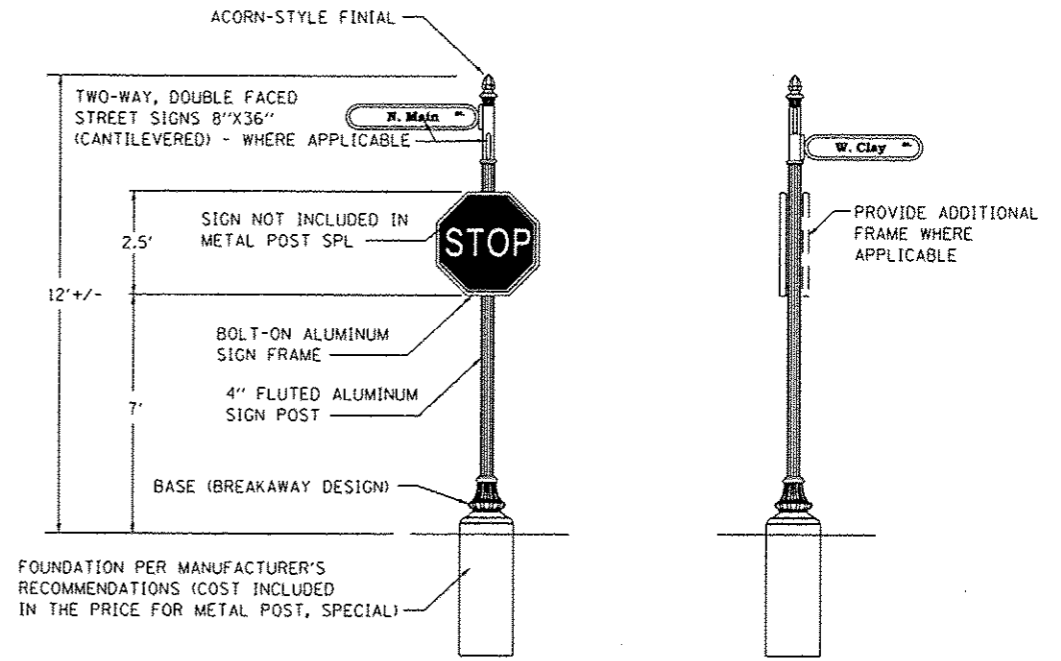
1. PROPOSED CONDUIT SHALL BE PVC UNLESS NOTED OTHERWISE. ALL CONDUIT SHALL BE PLACED AND BACKFILLED PRIOR TO CONSTRUCTION OF PROPOSED IMPROVEMENTS.
2. A 1/4" DIAMETER NYLON PULL ROPE SHALL BE INSTALLED IN ALL CONDUITS.



**TYPICAL CONDUIT PLACEMENT DETAIL**  
(NOT TO SCALE)



**STREET SIGN DETAIL**  
(NOT TO SCALE)



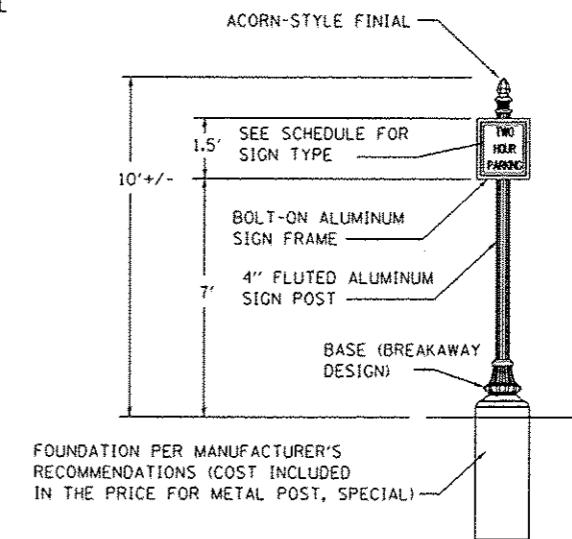
**FRONT VIEW**  
NOT TO SCALE

**SIDE VIEW**  
NOT TO SCALE

**AT STREET CORNERS**  
NOT TO SCALE

**NOTES:**

1. ALL APPLICABLE PARTS SHALL RECEIVE A STANDARD ELECTROSTATICALLY APPLIED THERMOSET POLYESTER POWDER COAT OR ENAMELED STEEL 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, STYLE: VICTORIAN  
BRANDON INDUSTRIES,
4. MEET PROVISIONS OF ARTICLE 106.01 IN THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" FOR DOMESTICALLY PRODUCED MATERIALS.
5. SIGN POSTS AND FRAMES MUST MEET FEDERAL CRASHWORTHINESS GUIDELINES.



**FRONT VIEW**  
NOT TO SCALE

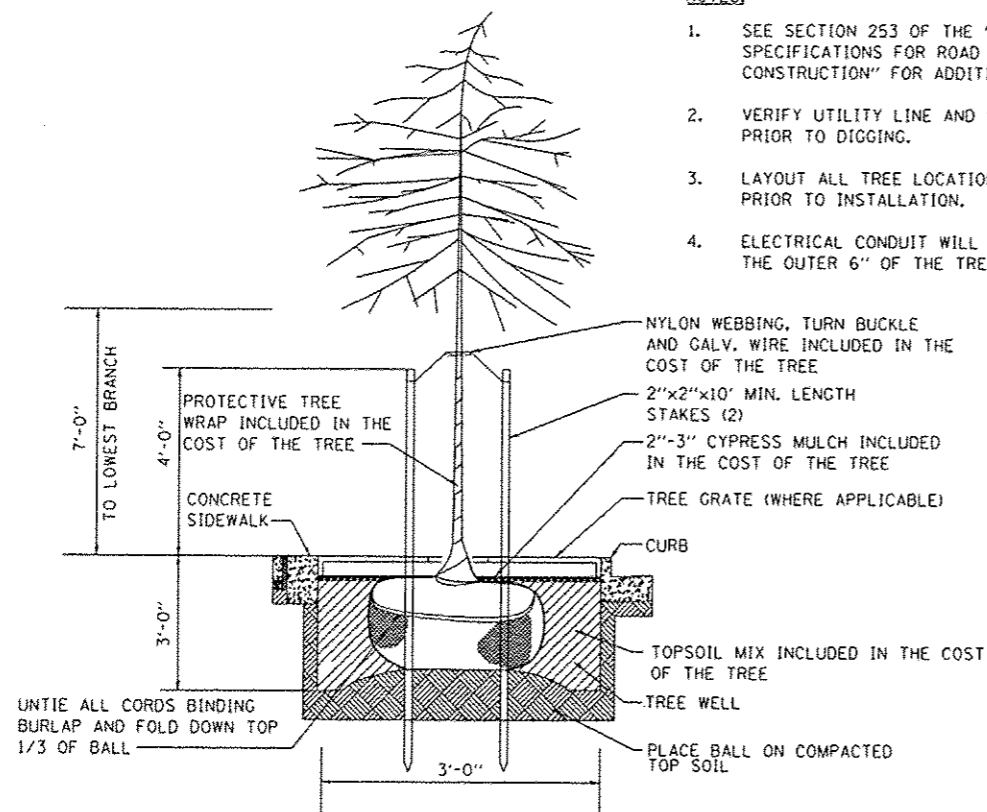
**MID-BLOCK**  
NOT TO SCALE

**METAL POST, SPECIAL**  
NOT TO SCALE

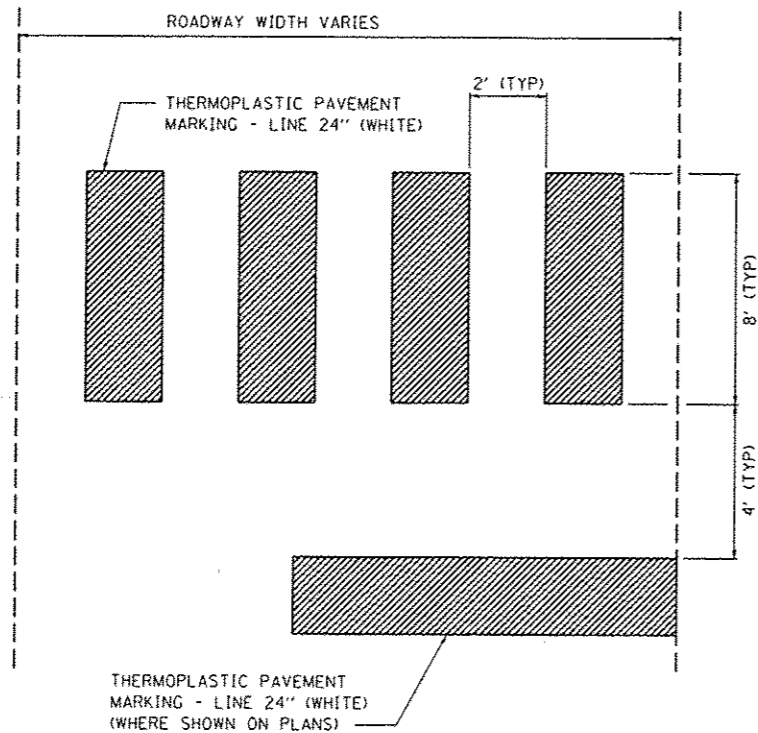
FILE NAME + FILE NAME = 08260591.003-shd-details.dgn	USER NAME = default PLOT TIME = 7:43:09 AM PLOT SCALE = 40.0000 "/> <td>DESIGNED - DRAWN - CHECKED - DATE -</td> <td>REVISED - REVISED - REVISED - REVISED -</td> <td>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</td> <td>CONSTRUCTION DETAILS</td> <td>F.A.U. RTE. 9393</td> <td>SECTION 11-00026-02-PV</td> <td>COUNTY MADISON</td> <td>TOTAL SHEETS 21</td> <td>SHEET NO. 16</td>	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONSTRUCTION DETAILS	F.A.U. RTE. 9393	SECTION 11-00026-02-PV	COUNTY MADISON	TOTAL SHEETS 21	SHEET NO. 16
SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.						N. MAIN STREET RECONSTRUCTION CONTRACT NO. 97550 ILLINOIS FED. AID PROJECT				

**NOTES:**

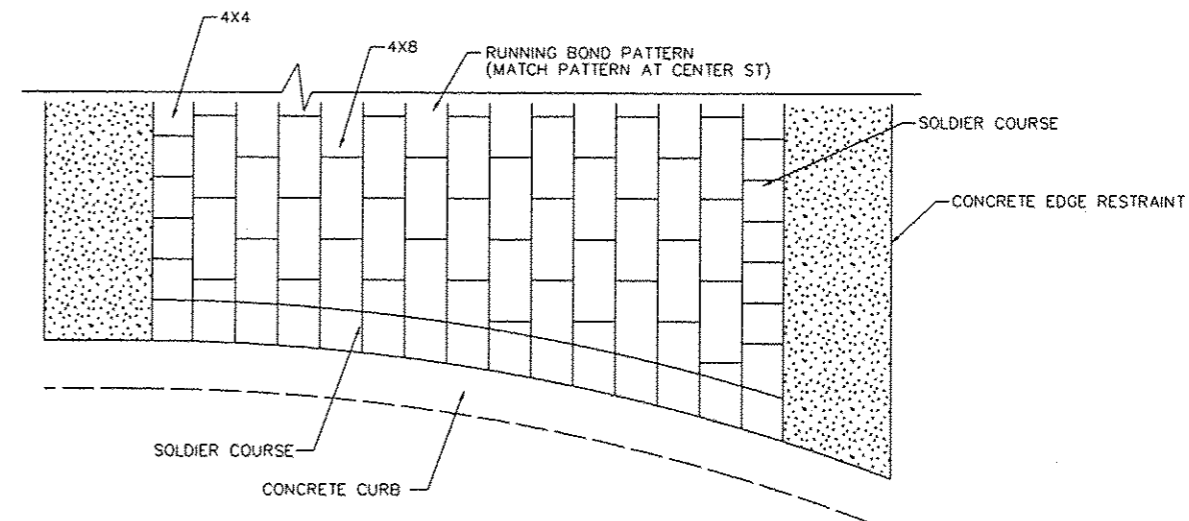
1. SEE SECTION 253 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" FOR ADDITIONAL INFORMATION.
2. VERIFY UTILITY LINE AND STRUCTURE LOCATIONS PRIOR TO DIGGING.
3. LAYOUT ALL TREE LOCATIONS FOR APPROVAL PRIOR TO INSTALLATION.
4. ELECTRICAL CONDUIT WILL ONLY BE ALLOWED IN THE OUTER 6" OF THE TREE WELL.



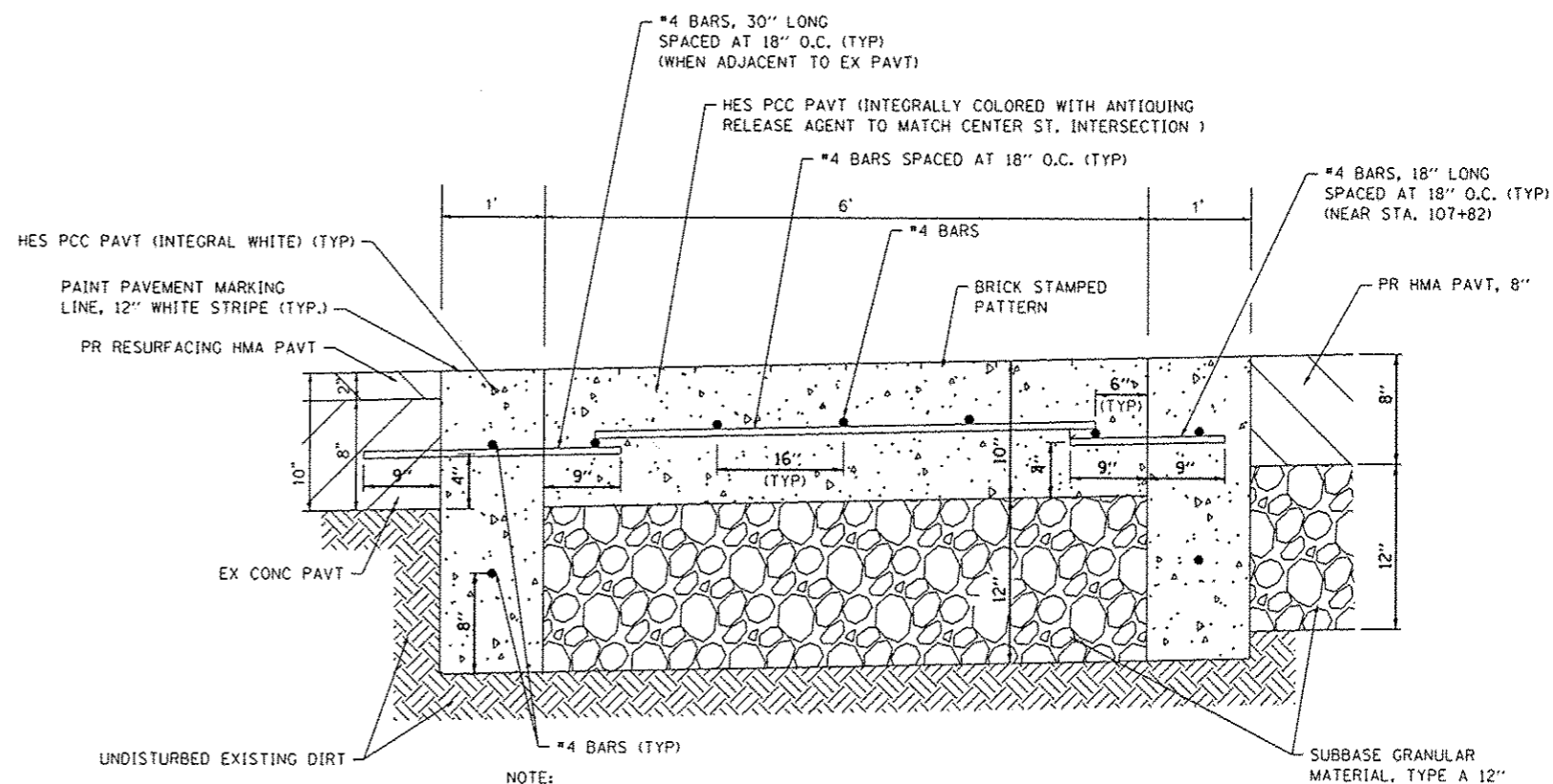
**STREET TREE PLANTING DETAIL**  
(NOT TO SCALE)



**CROSSWALK DETAIL**  
(NOT TO SCALE)



**SOLDIER COURSE EDGE WITH RUNNING BOND PATTERN**



**NOTE:**  
CONCRETE SHALL BE CLASS SI AND SHALL ATTAIN A STRENGTH OF 3,500 PSI PRIOR TO OPENING FOR TRAFFIC.  
CONCRETE CONTROL JOINTS SHALL BE DETERMINED BY THE ENGINEER.

**CROSS SECTION**

**HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 10", STAMPED & COLORED**

(NOT TO SCALE)

FILE NAME : 08260591.003-ahs-details.dgn

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PLOT SCALE : 48.0000 1/4 IN.  
PLOT DATE : 1/28/2014

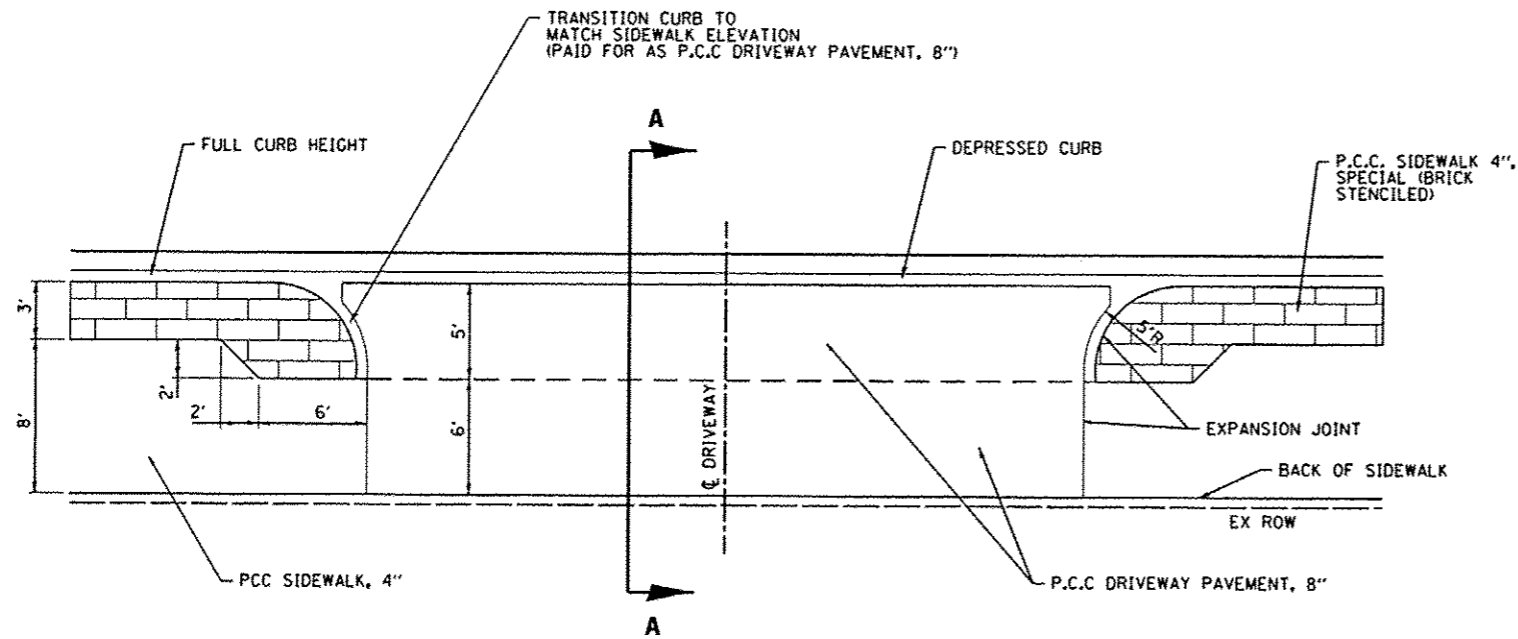
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DRAWN -  
CHECKED -  
DATE -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

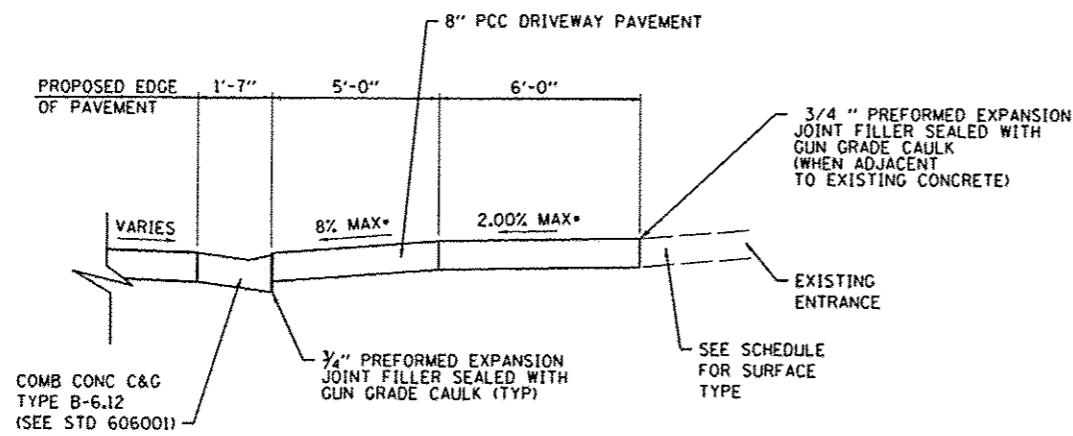
CONSTRUCTION DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	11-00026-02-PV	MADISON	21	17
M. MAIN STREET RECONSTRUCTION			CONTRACT NO. 97550	
ILLINOIS FED. AID PROJECT				

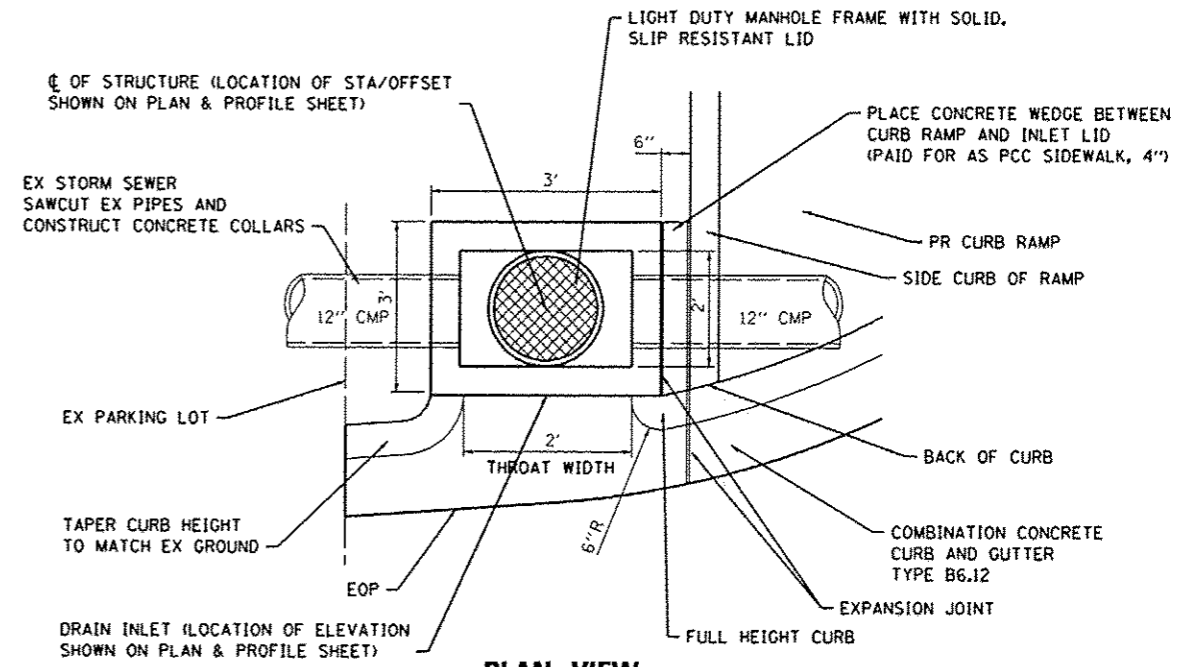


**PLAN VIEW**  
(NOT TO SCALE)

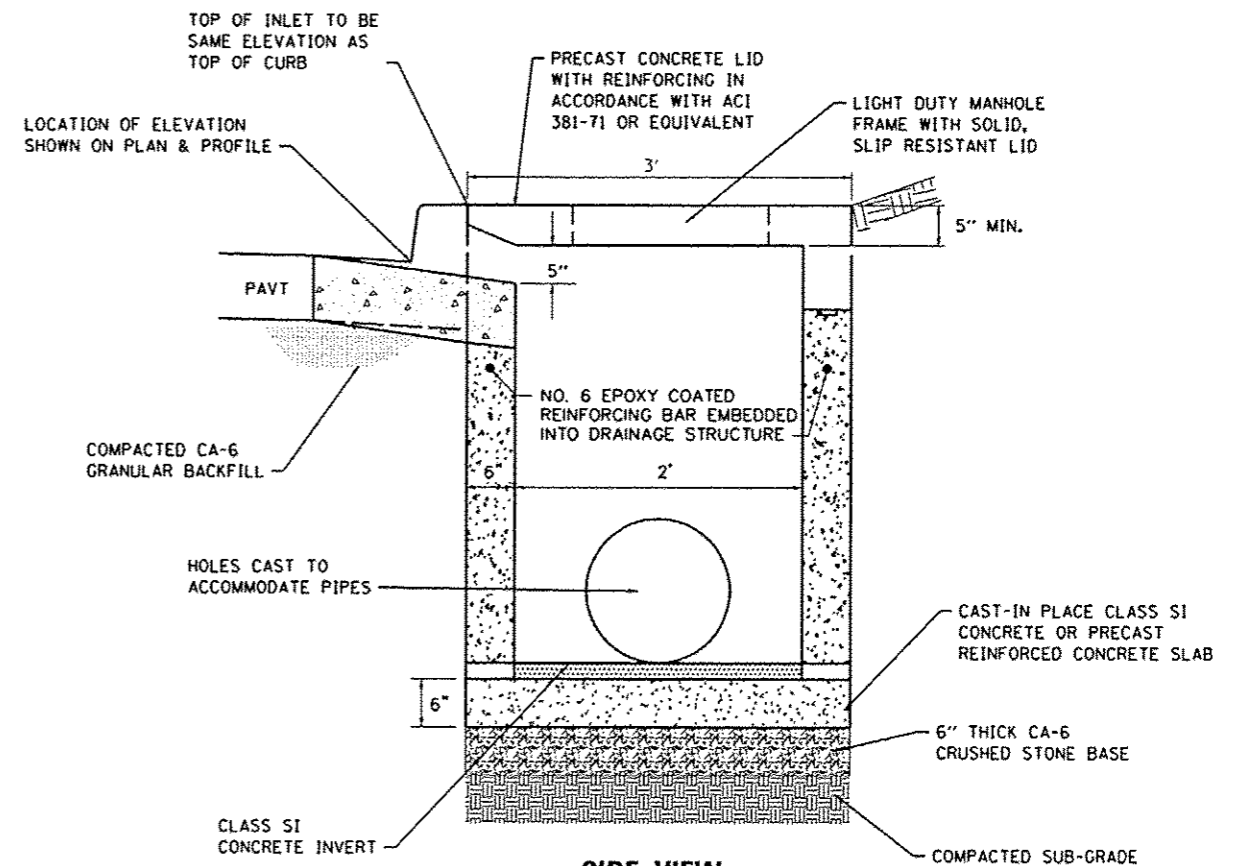


**SECTION A-A**  
(NOT TO SCALE)

**ENTRANCE DETAILS**  
(NOT TO SCALE)



**PLAN VIEW**  
(NOT TO SCALE)



**SIDE VIEW**  
(NOT TO SCALE)

**INLETS, SPECIAL NO. 1 DETAIL**  
(NOT TO SCALE)

FILE NAME :  
09268591.003-ahs-details.dgn

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PLOT SCALE : 48.0000 / IN.  
PLOT DATE : 1/28/2014

DESIGNED -  
DRAWN -  
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DATE -

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REVISED -

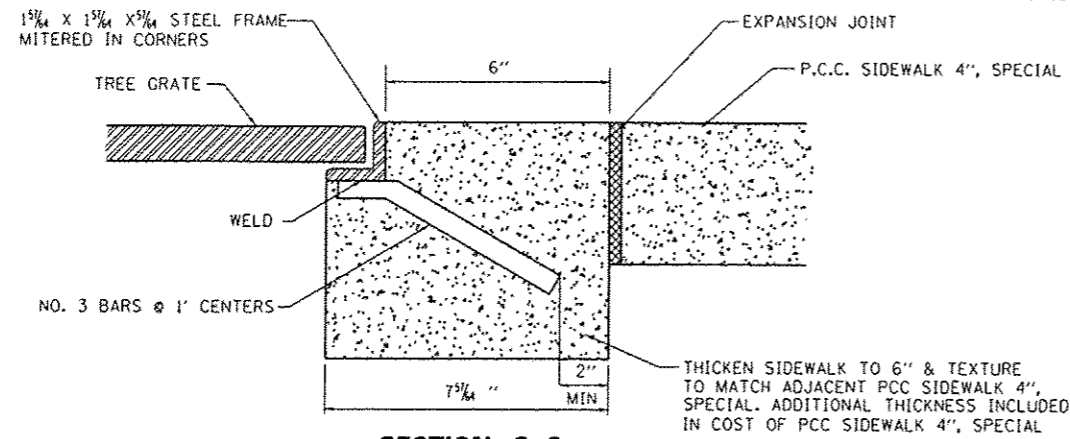
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

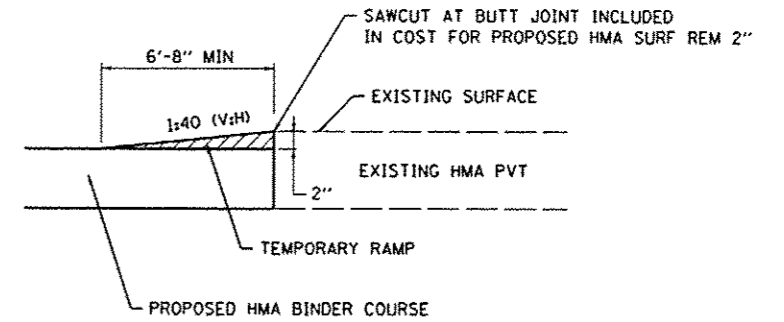
SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.U. RTE. 9393	SECTION 11-00026-02-PV	COUNTY MADISON	TOTAL SHEETS 21	SHEET NO. 18
M. MAIN STREET RECONSTRUCTION			CONTRACT NO. 97550	
ILLINOIS FED. AID PROJECT				

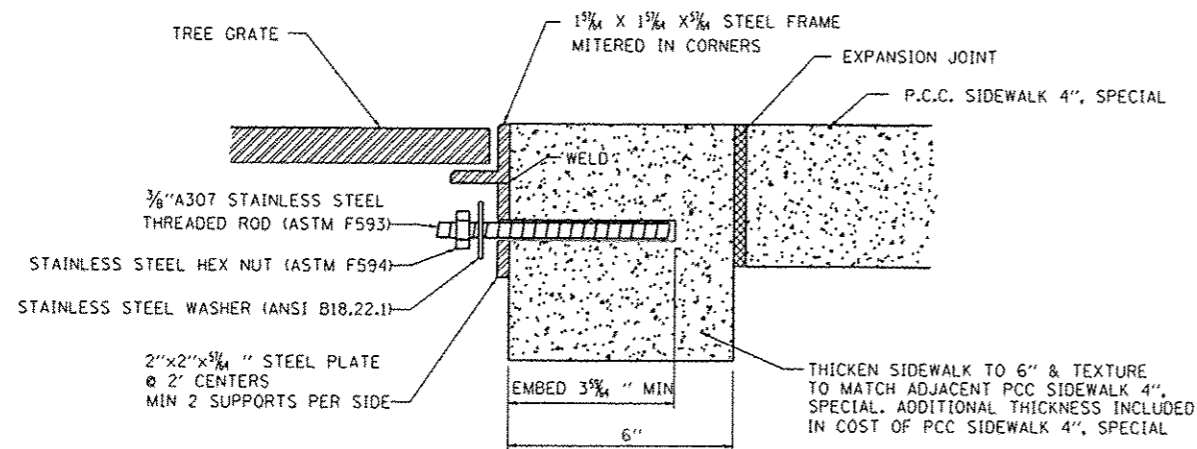




**SECTION C-C  
TREE GRATE FRAME DETAIL  
OPTION 1  
(NOT TO SCALE)**



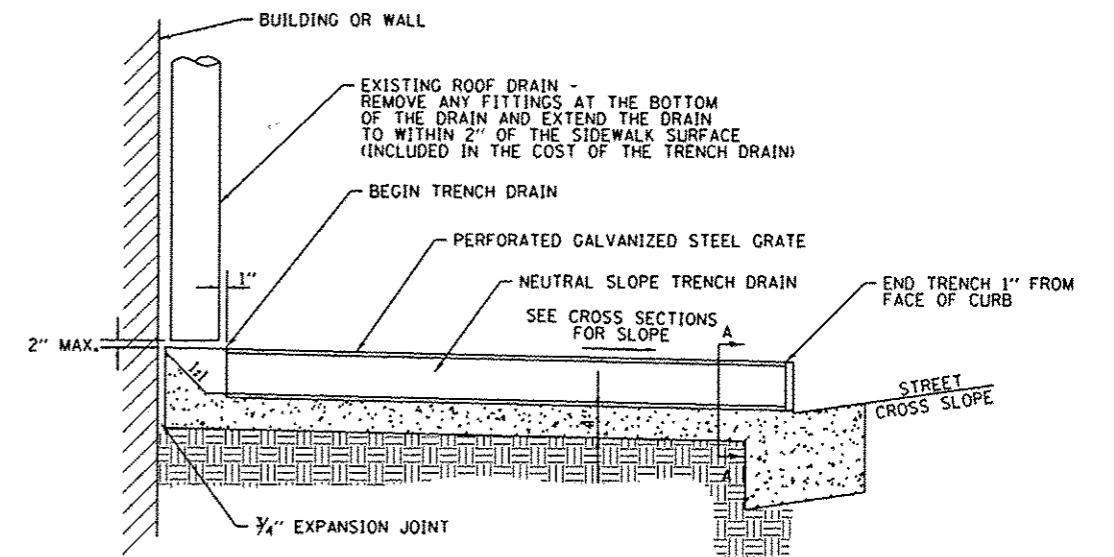
**BUTT JOINT DETAIL  
(NOT TO SCALE)**



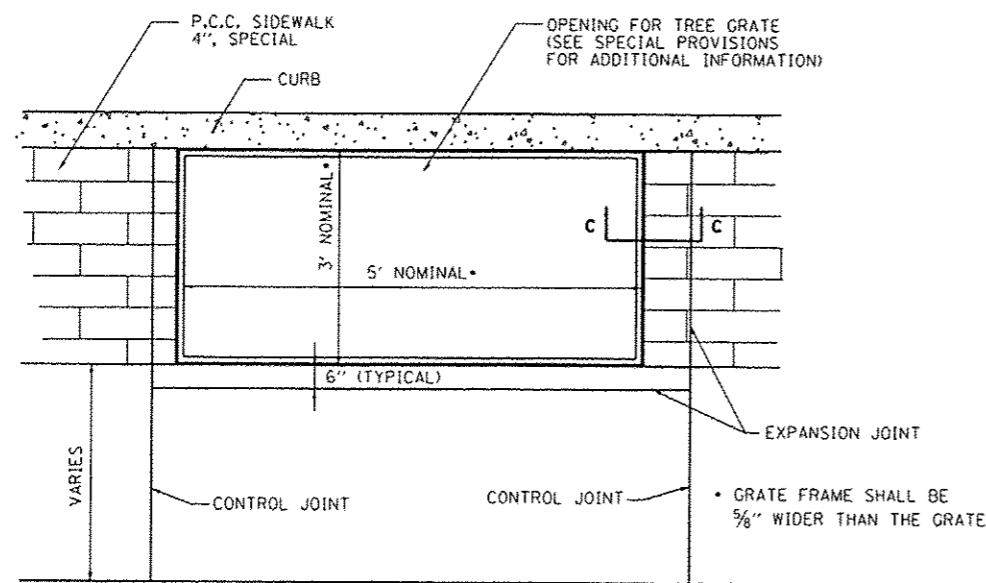
**SECTION C-C  
TREE GRATE FRAME DETAIL  
OPTION 2  
(NOT TO SCALE)**

EMBED STAINLESS STEEL THREADED ROD WITH A CAPSULE OR ADHESIVE CARTRIDGE TYPE EPOXY SYSTEM. THE CONTRACTOR SHALL INSTALL THE RODS IN PRE-DRILLED HOLES ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS AND PROCEDURES. THE CAPSULE OR THE ADHESIVE CARTRIDGE SHALL BE SEALED WITH PREMEASURED AMOUNTS OF THE ADHESIVE CHEMICAL.

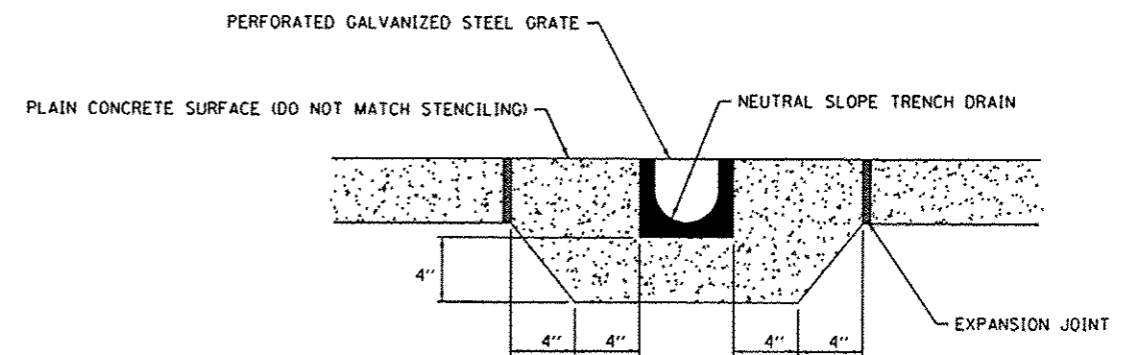
STEEL MUST MEET PROVISIONS OF ARTICLE 106.01 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AND SHALL BE DOMESTICALLY MANUFACTURED OR PRODUCED AND FABRICATED IN THE UNITED STATES.



**SIDE VIEW  
(NOT TO SCALE)**



**TREE GRATE FRAME DETAIL  
(NOT TO SCALE)**

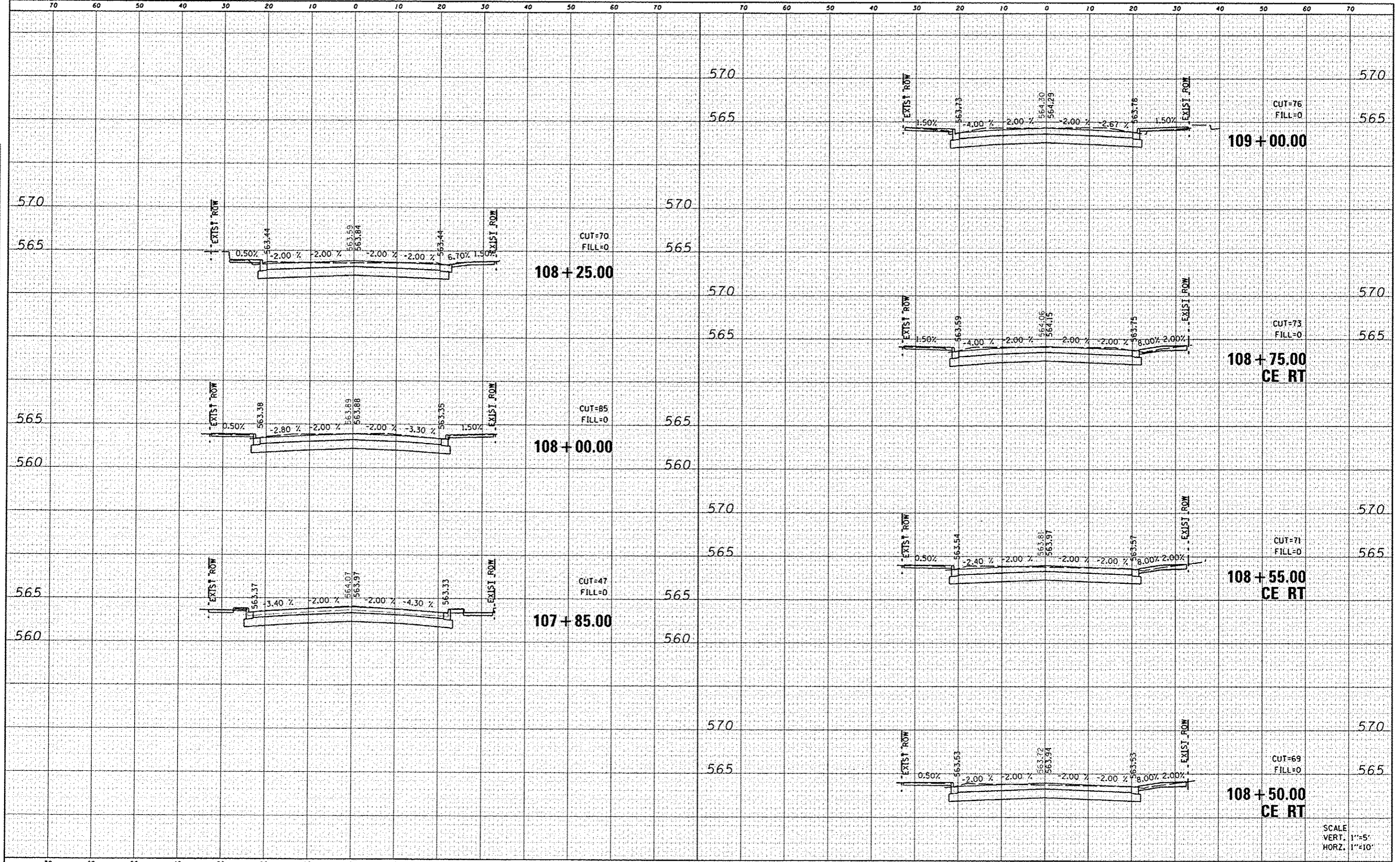


**SECTION A-A  
(NOT TO SCALE)  
TRENCH DRAIN DETAIL  
(NOT TO SCALE)**

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	PLOT TIME = 7:43:11 AM	DRAWN -	REVISED -		SCALE: SHEET 4 OF 4 SHEETS STA. TO STA.	N. MAIN STREET RECONSTRUCTION				CONTRACT NO. 97550			
	PLOT SCALE = 48,0000 1/ IN.	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT								
	PLOT DATE = 1/28/2014	DATE -	REVISED -										

DATE	
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DESIGNED	
DRAWN	
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DESCRIPTION	

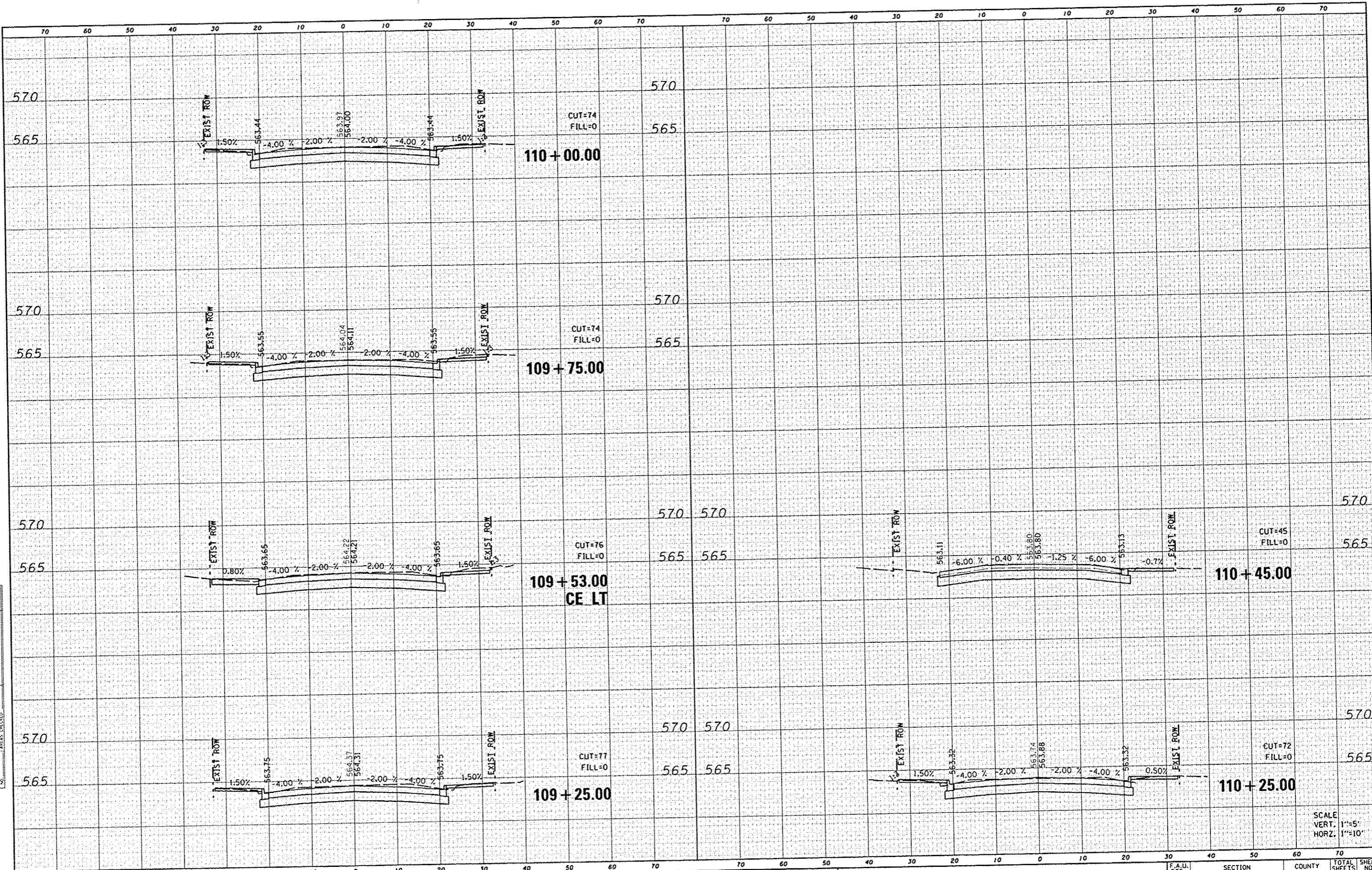
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NO.	
DESCRIPTION	





DATE	
BY	
FINAL SURVEY	SORTED
NOTE BOOK	PLOTTED
AREA CHECKED	TEMPLATE
	AREA CHECKED

DATE	
BY	
ORIGINAL SURVEY	SORTED
NOTE BOOK	PLOTTED
AREA CHECKED	TEMPLATE
	AREA CHECKED



FILE NAME : 08260991.003-ht-xash-L.dgn

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 PLOT DATE : 1/28/2014

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
 SCALE: SHEET 2 OF 2 SHEETS STA. 109+25.00 TO STA. 110+75.00

F.A.U. RTE. 9393	SECTION 11-00026-02-PV	COUNTY MADISON	TOTAL SHEETS 21	SHEET NO. 21
N. MAIN STREET RECONSTRUCTION			CONTRACT NO. 97550	
ILLINOIS FED. AID PROJECT				

SCALE  
 VERT. 1"=5'  
 HORZ. 1"=10'