

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9302	08-00047-00-PV	MONROE	25	1
FED ROAD DIST NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 97467				

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
**PLANS FOR PROPOSED**  
**CITY OF COLUMBIA**  
**ILLINOIS ROUTE 3 (FAP 312)**  
**& SOUTH MAIN STREET (FAU 9302)**  
**INTERSECTION IMPROVEMENTS**  
**SECTION 08-00047-00-PV**  
**MONROE COUNTY**



**INDEX OF SHEETS**

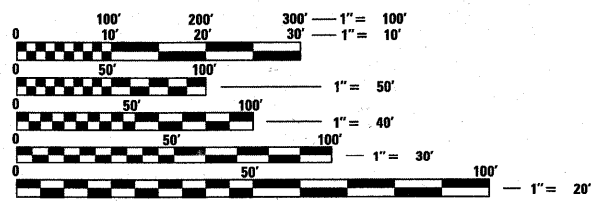
SHEET NO.	ITEM
1	COVER SHEET
2	GENERAL NOTES & HIGHWAY STANDARDS
3	SUMMARY OF QUANTITIES
4-5	TYPICAL SECTIONS
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7	PLAN AND PROFILE SHEET
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17	PAVEMENT REMOVAL SHEET
18-19	CONSTRUCTION DETAILS
20-25	CROSS SECTIONS

**SOUTH MAIN STREET**  
ROADWAY CLASSIFICATION = MINOR ARTERIAL  
DESIGN SPEED = 30 MPH  
CURRENT ADT = 7,600  
DESIGN YEAR ADT (2020) = 8,400

**ILLINOIS ROUTE 3**  
ROADWAY CLASSIFICATION = PRINCIPAL ARTERIAL  
DESIGN SPEED = 45 MPH  
CURRENT ADT = 28,500  
DESIGN YEAR ADT (2020) = 31,500

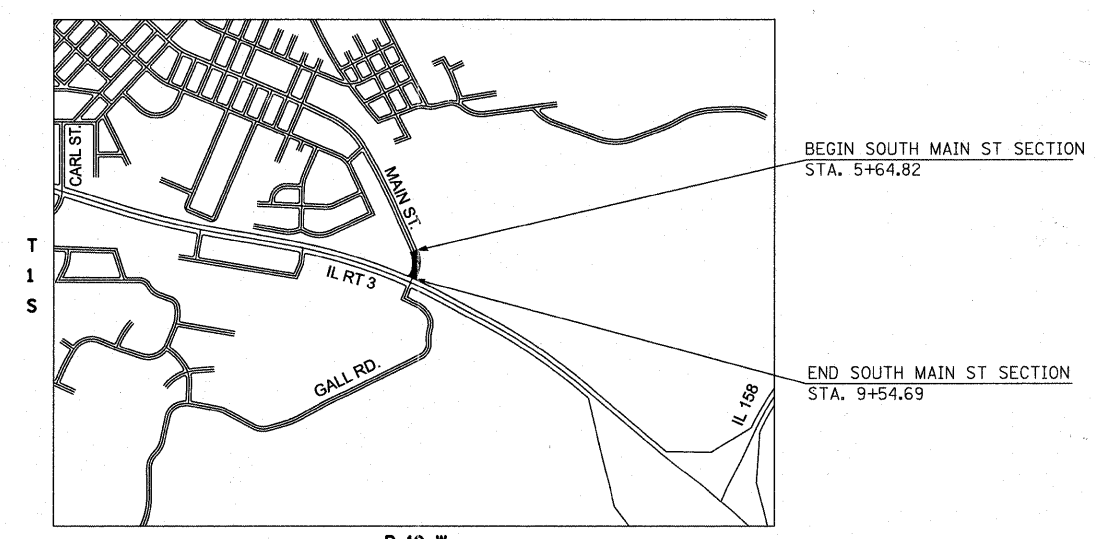
PROJECT NO. CMM-5011 (282)  
JOB NO. C-98-358-09

SCALE IN FEET  
PLAN 1"=20'  
PROFILE 1"=20'(HORIZ)  
1"=5'(VERT)  
CROSS SECTION 1"=10'(HORIZ)  
1"=5'(VERT)



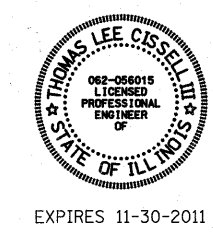
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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



LOCATION MAP  
SCALE 1"=1000'

NET LENGTH OF PROJECT: 389.9' (0.074 MILES)



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

APPROVED JULY 25 2011  
*Kevin Hutchinson*  
KEVIN HUTCHINSON MAYOR OF COLUMBIA

SUBMITTED 7-29 2011  
*Mary C. Lamie*  
DISTRICT 8 PROJECT IMPLEMENTATION ENGINEER

PASSED 7-29-11 2011  
*Mary C. Lamie*  
MARY C. LAMIE, P.E. DEPUTY DIRECTOR OF HIGHWAYS REGION FIVE ENGINEER

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

*Thomas L. Cissell* DATE: 7/27/11  
THOMAS L. CISSSELL, PE  
P.E. NO. 062-056015



**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. 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.

CHARTER COMMUNICATIONS (COMMUNICATIONS) RICHARD STURK 815 CHARTER COMMONS TOWN & COUNTRY, MO 63017 (636) 387-6650	AMEREN IP (GAS) 1050 WEST BOULEVARD BELLEVILLE, IL 62222 (618) 236-6220
CITY OF COLUMBIA (WATER & SEWER) 208 SOUTH RAPP COLUMBIA, IL 62236 (618) 281-7144	AMEREN IP (ELECTRIC) 1050 WEST BOULEVARD BELLEVILLE, IL 62222 (618) 236-6246
HTC HARRISONVILLE TELEPHONE COMPANY (TELEPHONE) 213 SOUTH MAIN STREET, P.O. BOX 149 WATERLOO, IL 62298 (618) 939-1000	

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.

**GENERAL**

- THE CONTRACTOR SHALL COORDINATE HIS/HER WORK SO AS NOT TO INTERFERE WITH OR HINDER THE PROGRESS OR COMPLETION OF THE WORK BEING PERFORMED BY OTHER CONTRACTORS WORKING ON THE PROJECT AT IL RTE 158 OVER IL RTE 3. TRAFFIC CONTROL AND LANE CLOSURES MUST BE COORDINATED BETWEEN CONTRACTORS AS SPECIFIED IN ARTICLE 105.08 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."
- IN CASE OF CONFLICT BETWEEN THE CONSTRUCTION PLANS AND THE RIGHT OF WAY PLANS, THE RIGHT OF WAY PLANS SHALL TAKE PRECEDENCE IN MATTERS CONCERNING RIGHT OF WAY AND EASEMENTS. THE CONSTRUCTION PLANS SHALL TAKE PRECEDENCE IN MATTERS CONCERNING CONSTRUCTION ITEMS.
- 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 ABUTTING PROPERTIES AT ALL TIMES DURING CONSTRUCTION.
- 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 BENCH THE PROPOSED EMBANKMENT INTO THE EXISTING SLOPES TO THE SATISFACTION OF THE ENGINEER.
- ALL EXISTING ROADWAY FEATURES SUCH AS PAVEMENT, CURB, SIDEWALK, DRIVEWAY PAVEMENT, CULVERTS, HEADWALLS, FENCING, RETAINING WALLS, 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 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL.

**SEEDING / EROSION CONTROL**

- THE CONTRACTOR SHALL FERTILIZE, SEED AND MULCH ALL EARTH SURFACES DISTURBED WITHIN CONSTRUCTION LIMITS. FERTILIZER, SEEDING AND MULCH WITHIN THE CONSTRUCTION LIMITS WILL BE PAID FOR AS PROVIDED IN THE CONTRACT. FERTILIZER, SEEDING AND MULCH OUTSIDE THESE LIMITS WILL NOT BE MEASURED FOR PAYMENT. SEE THE SEEDING SCHEDULE FOR ESTIMATED PLAN QUANTITIES.
- STRAW BALES, HAY BALES, PERIMETER EROSION BARRIER AND SILT FENCES WILL NOT BE PERMITTED FOR TEMPORARY OR PERMANENT DITCH CHECKS. DITCH CHECKS SHALL BE COMPOSED OF AGGREGATE, SILT PANELS, ROLLED EXCELSIOR, SILT WEDGES OR ANY OTHER MATERIAL APPROVED BY THE ENGINEER.

**PAVING**

- THE CONTRACTOR SHALL NOTE THE LOCATION OF ALL MANHOLE AND VALVE COVER FRAMES AND LIDS LOCATED WITHIN RESURFACING LIMITS. 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.
- 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.
- A QUANTITY FOR TEMPORARY PAVEMENT MARKING EQUAL TO THE AMOUNT OF PERMANENT PAVEMENT MARKING HAS BEEN INCLUDED IN THE PLANS. PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS, 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.

**STORM SEWER**

- STORM SEWER INVERTS SHOWN ON THE PLANS HAVE BEEN CALCULATED TO THE CENTER OF THE STRUCTURE. THE STORM SEWER SLOPES SHOWN ON THE PLANS ARE THE PERCENT GRADE FROM CENTER TO CENTER OF STRUCTURE. THE LENGTH OF STORM SEWERS SHOWN ON THE PLANS IS THE DISTANCE FROM CENTER TO CENTER OF STRUCTURE. STORM SEWER SHALL BE MEASURED AND PAID FOR AS SPECIFIED IN ARTICLES 550.09 AND 550.10 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION." FLARED END SECTIONS ARE LOCATED BY STATION, OFFSET AND FLOWLINE ELEVATION AT THE FLARED END OF THE FLARED END SECTION. TRENCH BACKFILL QUANTITY IS CALCULATED FROM THE TOP OF THE SUBGRADE, OR BOTTOM OF THE PROPOSED SUBBASE, TO THE INVERT OF THE PIPE.
- 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. CONCENTRIC DRAINAGE STRUCTURES WERE ASSUMED WHEN CALCULATING THESE DIMENSIONS.
- ALL TYPE 3 FRAMES AND GRATES SHALL BE FURNISHED BY THE CONTRACTOR WITH TYPE 3V GRATES AND OPEN CURB BOXES. SEE HIGHWAY STANDARD 604011 AND THE SPECIAL PROVISIONS FOR DETAILS.
- 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 PRICES BID FOR THE VARIOUS DRAINAGE STRUCTURE ITEMS INCLUDED IN THE CONTRACT.

**MISCELLANEOUS**

- THE FOLLOWING ITEMS AND APPROXIMATE QUANTITIES 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.
- |  |    |      |
|--|----|------|
| ADJUSTING SANITARY SEWERS, 8-INCH DIAMETER OR LESS | 25 | FOOT |
| AGGREGATE FOR TEMPORARY ACCESS                     | 50 | TON  |

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

AD	ALGEBRAIC DIFFERENCE IN GRADE
B/C	BACK OF CURB
BO	BY OTHERS (USED IN CONJUNCTION WITH TBA & TBR)
CONSTR	CONSTRUCTION
CP	CONTROL POINT
DND	DO NOT DISTURB
ESMT	EASEMENT
FES	FLARED END SECTION
K	LENGTH OF VERTICAL CURVE PER PERCENT GRADE DIFFERENCE
N/F	NOW OR FORMERLY
O/C	OIL AND CHIP
PERM	PERMANENT
PVI	POINT OF VERTICAL INTERSECTION
PVC	POLYVINYL CHLORIDE PIPE
REIN	REINSTALL
RELOC	RELOCATE
RTW	RETAINING WALL
TCE	TEMPORARY CONSTRUCTION EASEMENT
TBA	TO BE ADJUSTED
TBR	TO BE REMOVED
TBRL	TO BE RELOCATED
TYP	TYPICAL
W	WIDTH

**COMMITMENTS**

NONE

**HIGHWAY STANDARDS**

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
424001-05	CURB RAMPS FOR SIDEWALKS
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
601001-04	SUB-SURFACE DRAINS
601101-01	CONCRETE HEADWALL FOR PIPE DRAIN
602306-03	INLET - TYPE B
602401-03	MANHOLE TYPE A
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS TYPE 1
604011-04	FRAME AND GRATE TYPE 3V
604061-02	FRAME AND GRATE TYPE 12
604091-02	FRAME AND GRATE TYPE 24
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606006-02	OUTLETS FOR CONC. CURB AND GUTTER TYPE B-6.24 (B-15.60)
606301-04	PC CONCRETE ISLANDS AND MEDIANS
606306-03	CORRUGATED PC CONCRETE MEDIANS
701101-02	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
701421-03	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS > 45 MPH TO 55 MPH
701701-07	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
720016-02	MAST ARM MOUNTED STREET NAME SIGNS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-02	TYPICAL PAVEMENT MARKINGS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-02	HANDHOLES
814006-02	DOUBLE HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
876001-01	PEDESTRIAN PUSH BUTTON POST
877001-04	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-08	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS
BLR21-8	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

FILE NAME =	USER NAME = randy	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES &amp; HIGHWAY STANDARDS</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D828013-ght-gennote.dgn	PLOT TIME = 9:57:27 AM	DRAWN -	REVISED -			9302	08-00047-00-PV	MONROE	25	2
	PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -			S MAIN ST RECONSTRUCTION		CONTRACT NO. 97467		
	PLOT DATE = 7/28/2011	DATE -	REVISED -			SCALE: NTS	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	

**SUMMARY OF QUANTITIES**

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES	ROAD CONSTR	TRAFFIC SIGNALS
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	677	677	
20400800	FURNISHED EXCAVATION	CU YD	232	232	
s 20800150	TRENCH BACKFILL	CU YD	70	70	
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	847	847	
25100630	EROSION CONTROL BLANKET	SQ YD	70	70	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	40	40	
28000305	TEMPORARY DITCH CHECKS	FOOT	13	13	
28000400	PERIMETER EROSION BARRIER	FOOT	300	300	
28000500	INLET AND PIPE PROTECTION	EACH	10	10	
28100105	STONE RIPRAP, CLASS A3	SQ YD	21	21	
28200200	FILTER FABRIC	SQ YD	21	21	
31100910	SUBBASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	1,562	1,562	
40200500	AGGREGATE SURFACE COURSE, TYPE A 6"	SQ YD	96	96	
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	50	50	
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	58	58	
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	132	132	
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	87	87	
40701941	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13"	SQ YD	1,249	1,249	
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	34	34	
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	1,693	1,693	
s 42400800	DETECTABLE WARNINGS	SQ FT	60	60	
44000100	PAVEMENT REMOVAL	SQ YD	553	553	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	50	50	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	624	624	
44000600	SIDEWALK REMOVAL	SQ FT	1,879	1,879	
44003100	MEDIAN REMOVAL	SQ FT	188	188	
44004250	PAVED SHOULDER REMOVAL	SQ YD	99	99	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	5	5	
s 48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	28	28	
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1	1	
s 550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	303	303	
s 550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	16	16	
s 550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	85	85	
s 56300100	ADJUSTING SANITARY SEWERS, 8-INCH DIAMETER OR LESS	FOOT	25	25	
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	15	15	
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1	

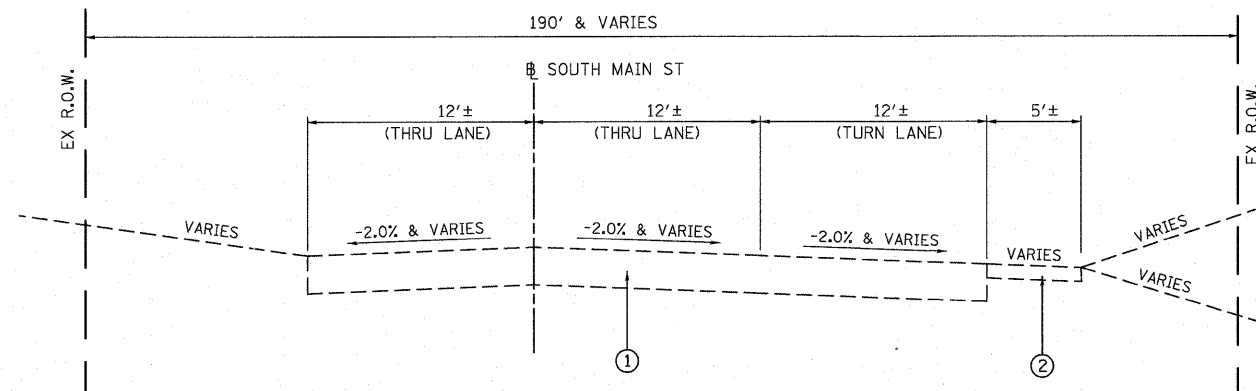
**SUMMARY OF QUANTITIES**

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES	ROAD CONSTR	TRAFFIC SIGNALS
60219540	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1	1	
60240215	INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID	EACH	1	1	
s 60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	2	2	
60240315	INLETS, TYPE B, TYPE 12 FRAME AND GRATE	EACH	1	1	
60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	4	4	
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	2	2	
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	3	3	
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	866	866	
60608600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	FOOT	34	34	
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	259	259	
60621600	CONCRETE MEDIAN, TYPE SM	SQ FT	1,110	1,110	
s 60624600	CORRUGATED MEDIAN	SQ FT	1,740	1,740	
67100100	MOBILIZATION	L SUM	1	1	
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	64.6	64.6	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	1,096	1,096	
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	165	165	
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	205	205	
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	55	55	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	855	855	
72000100	SIGN PANEL - TYPE 1	SQ FT	29.1	21.3	7.8
72900200	METAL POST - TYPE B	FOOT	54	54	
• 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1,096	1,096	
• 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	165	165	
• 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	205	205	
• 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	55	55	
* 78006100	PREFORMED THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	64.6	64.6	
• 78200300	PRISMATIC CURB REFLECTOR	EACH	32	32	
• 78300100	PAVEMENT MARKING REMOVAL	SQ FT	87	87	
• 81012300	CONDUIT IN TRENCH, 1" DIA., PVC	FOOT	225		225
• 81012400	CONDUIT IN TRENCH, 1 1/4" DIA., PVC	FOOT	23		23
• 81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	48		48
• 81013100	CONDUIT IN TRENCH, 5" DIA., PVC	FOOT	10		10
s • 81018600	CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL	FOOT	107		107
s • 81018800	CONDUIT PUSHED, 3 1/2" DIA., GALVANIZED STEEL	FOOT	135		135
• 81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	2		2
• 81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	308		308

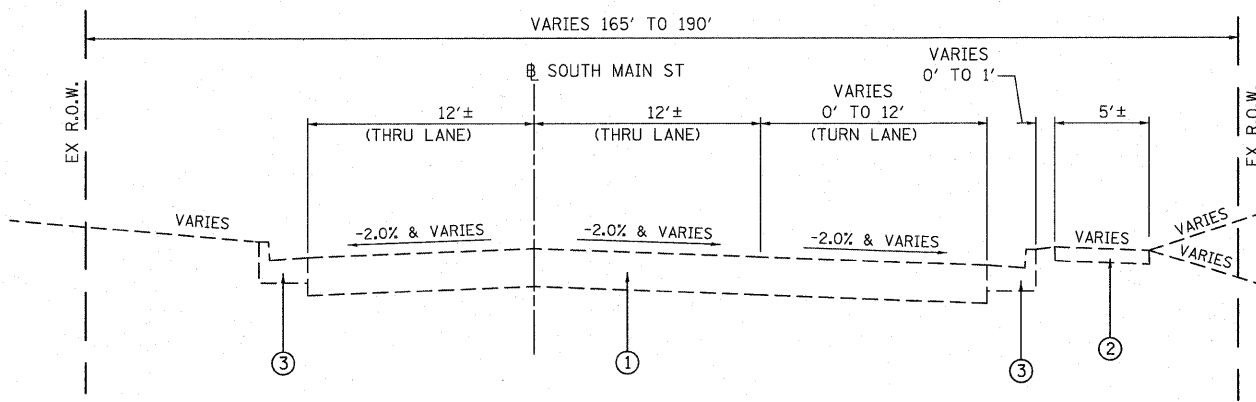
**SUMMARY OF QUANTITIES**

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES	ROAD CONSTR	TRAFFIC SIGNALS
• 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	586		586
• 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	600		600
• 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2,161		2,161
• 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,554		1,554
• 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	4,134		4,134
• 87502680	TRAFFIC SIGNAL POST, ALUMINUM 14 FT.	EACH	1		1
• 87700300	STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	1		1
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	3		3
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	15		15
• 87900200	DRILL EXISTING HANDHOLE	EACH	3		3
• 88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	1		1
• 88040110	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	2		2
• 88200100	TRAFFIC SIGNAL BACKPLATE	EACH	1		1
• 88500100	INDUCTIVE LOOP DETECTOR	EACH	2		2
s • 88600100	DETECTOR LOOP, TYPE I	FOOT	633		633
• 89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	3		3
• 89500200	RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	1		1
• 89502200	MODIFY EXISTING CONTROLLER	EACH	1		1
• 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	6,902		6,902
s 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1		1
s 89502380	REMOVE EXISTING HANDHOLE	EACH	2		2
s 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1		1
s • Z0036200	PAINT CURB	FOOT	352	352	
s X0301893	REMOVE AND REINSTALL CONCRETE HEADWALL FOR PIPE DRAIN	EACH	1	1	
s X0322936	REMOVE EXISTING FLARED END SECTION	EACH	1	1	
s X2500920	SEEDING, CLASS 1A (SPECIAL)	ACRE	0.2	0.2	
s X4240420	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH, SPECIAL	SQ FT	214	214	
s X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	460	460	
s X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1	
s X7240500	RELOCATE EXISTING SIGNS	EACH	3	1	2
s • X8880010	ADA PEDESTRIAN PUSH-BUTTON	EACH	1		1

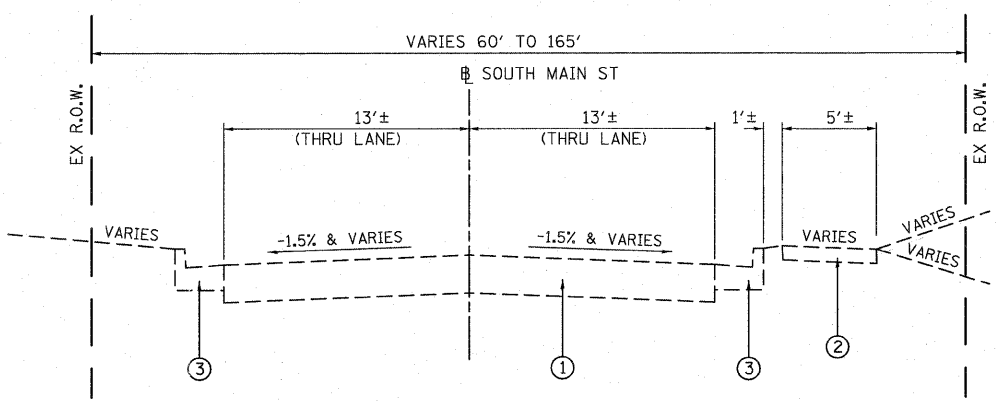
NOTES:  
 S SEE PROJECT SPECIFIC SPECIAL PROVISIONS  
 • SPECIALTY ITEM



EXISTING SOUTH MAIN STREET  
STA 8+72.34 TO STA 9+54.69  
(NOT TO SCALE)



EXISTING SOUTH MAIN STREET  
STA 8+43.28 TO 8+72.34  
(NOT TO SCALE)



EXISTING SOUTH MAIN STREET  
STA 5+64.82 TO STA 8+43.28  
(NOT TO SCALE)

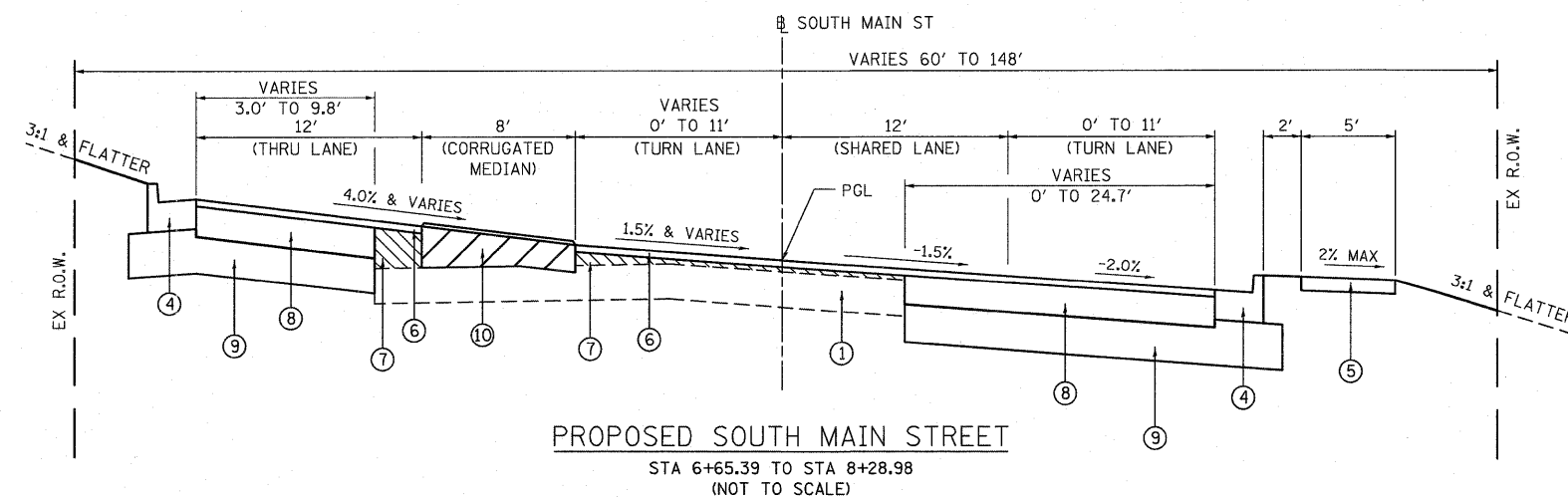
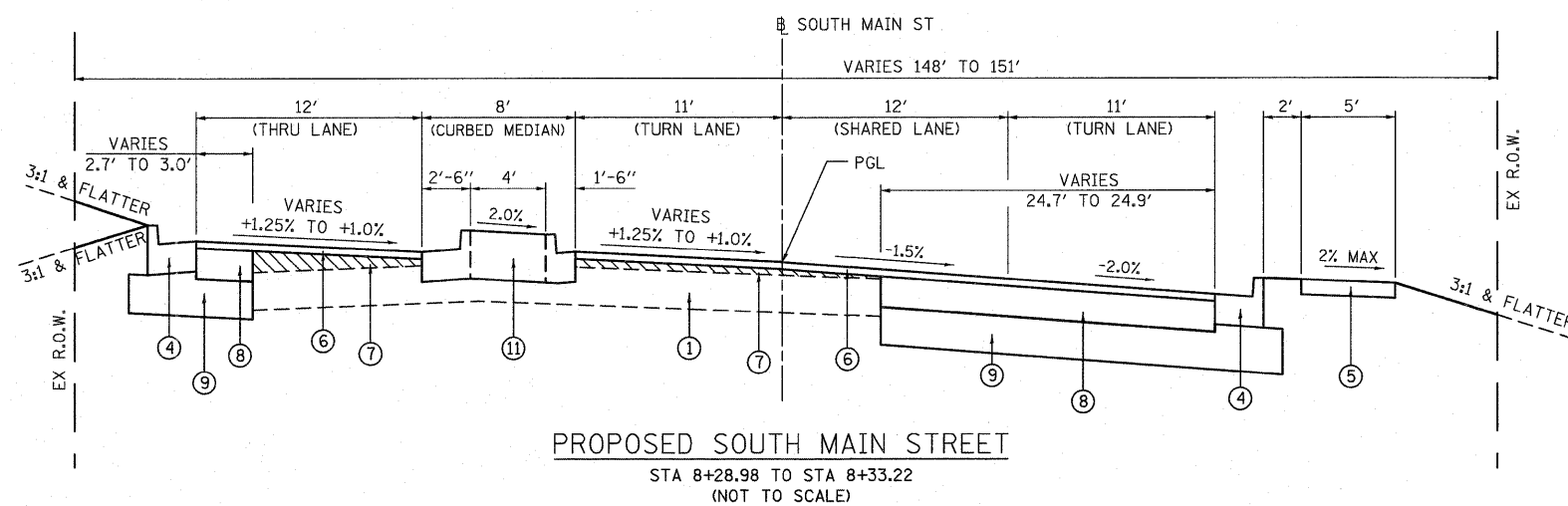
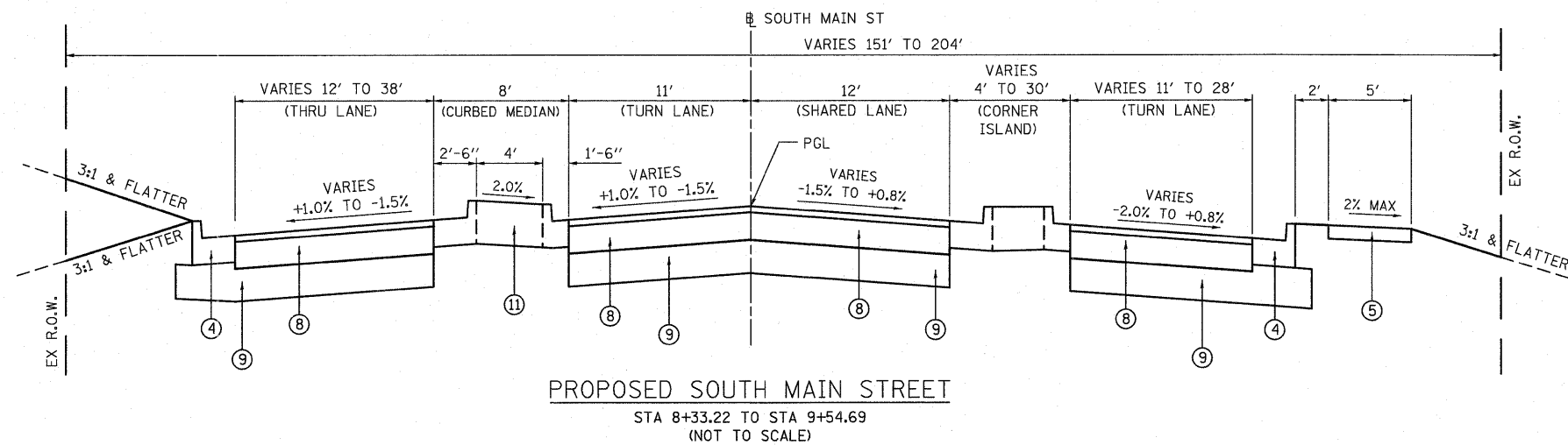
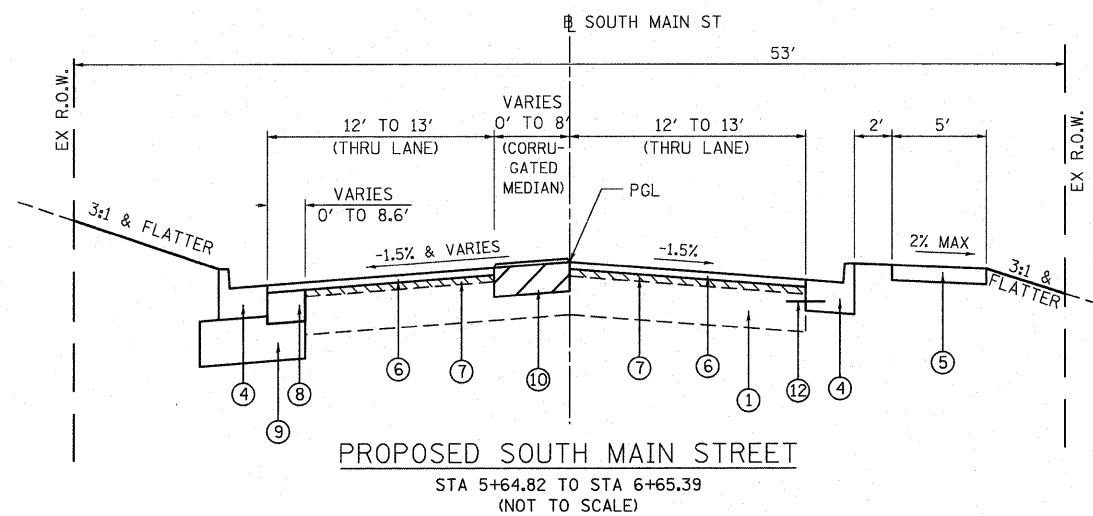
STRUCTURAL DESIGN TRAFFIC:	YEAR:	2020
PV = 7,392	SU = 588	MU = 420
ROAD/STREET CLASSIFICATION:	CLASS:	II
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P = 88%	S = 7%	M = 5%
TRAFFIC FACTOR:	ACTUAL = 2.29	
	MIN = N/A	
PG GRADE:	BINDER: 64-22	SURFACE: 64-22
STRUCTURAL SUPPORT RATING:		
	SSR = POOR	

**LEGEND**

- ① EXISTING PAVEMENT CONSISTING OF 9" PCC (NOMINAL) WITH 4" HMA OVERLAY (NOMINAL)
- ② EXISTING PCC SIDEWALK
- ③ EXISTING COMBINATION CONCRETE CURB & GUTTER, B-6.24
- ④ PROPOSED COMBINATION CONCRETE CURB & GUTTER, B-6.24
- ⑤ PROPOSED PCC SIDEWALK
- ⑥ PROPOSED HMA SURFACE COURSE, 2"
- ⑦ PROPOSED BINDER COURSE, VARIABLE DEPTH
- ⑧ PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 13"
- ⑨ PROPOSED AGGREGATE SUBBASE, 12"
- ⑩ PROPOSED CORRUGATED MEDIAN
- ⑪ PROPOSED SOLID MEDIAN, (SEE CONSTRUCTION DETAILS)
- ⑫ PROPOSED EPOXY TIE BAR

SEE CROSS SECTIONS FOR VARIABLE DIMENSIONS





HOT-MIX ASPHALT MIXTURE TABLE			
MIXTURE USE	SURFACE (HMA PAVT FD 13 & HMA SC "D" N70)	BINDER (HMA PAVT FD 13 & HMA BC IL-19.0 N70)	HMA SHOULDER
THICKNESS	2"	VARIES	8"
AC/PG	PG 64-22	PG 64-22	PG 58-22
RAP % (MAX)	SEE SP. PROVISIONS	SEE SP. PROVISIONS	SEE SP. PROVISIONS
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	2.0% @ Ndes=50
MIX COMPOSITION	IL-9.5 or IL-12.5	IL-19.0	N/A
FRICTION AGG	MIXTURE "D"	MIXTURE "B"	BAM
DENSITY TEST METHOD	CORES / NUCLEAR	CORES / NUCLEAR	CORES / NUCLEAR

NOTE 1: THE FINAL WEARING SURFACE SHALL BE PLACED AT THE DESIGNATED LANE WIDTHS AND CONTAIN NO LONGITUDINAL PAVEMENT JOINTS WITHIN THE SPECIFIED WIDTH

NOTE 2: USE EPOXY COATED TIE BARS, IF APPLICABLE, ACCORDING TO HIGHWAY STANDARD 606001 WHEN ADJACENT TO PCC BASE COURSE WITH HMA SURFACING

**LEGEND**

- ① EXISTING PAVEMENT CONSISTING OF 9" PCC (NOMINAL) WITH 4" HMA OVERLAY (NOMINAL)
- ② EXISTING PCC SIDEWALK
- ③ EXISTING COMBINATION CONCRETE CURB & GUTTER, B-6.24
- ④ PROPOSED COMBINATION CONCRETE CURB & GUTTER, B-6.24
- ⑤ PROPOSED PCC SIDEWALK
- ⑥ PROPOSED HMA SURFACE COURSE, 2" (SEE NOTE 1)
- ⑦ PROPOSED BINDER COURSE, VARIABLE DEPTH
- ⑧ PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 13"
- ⑨ PROPOSED AGGREGATE SUBBASE, 12"
- ⑩ PROPOSED CORRUGATED MEDIAN
- ⑪ PROPOSED SOLID MEDIAN, (SEE CONSTRUCTION DETAILS)
- ⑫ PROPOSED EPOXY TIE BAR (NOTE 2)

SEE CROSS SECTIONS FOR VARIABLE DIMENSIONS

FILE NAME =	USER NAME = randy	DESIGNED - TLC	REVISED -
h:\p\28013\microstation\oadd sheets\0828013-ah-typical.dgn		DRAWN - RGV	REVISED -
PLOT SCALE = 28.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 7/28/2011		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS**

SCALE: NTS SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9302	08-00047-00-PV	MONROE	25	5
S MAIN ST RECONSTRUCTION			CONTRACT NO. 97467	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

**PAVEMENT SCHEDULE**

STATION	STATION	OFFSET	LANE	SUB GRAN MAT A 12 (SQ YD)	BIT MATLS PR CT (NOTE 1) (GAL)	HMA BC IL-19.0 N70 (TON)	HMA SC "D" N70 (NOTE 1) (TON)	HMA PAVT FD 13 (SQ YD)	HMA SHOULDERS 8 (SQ YD)	AGGREGATE SHLDS B (TON)
5+65	8+60	LT	NB	306	17	54	26	183		
5+65	8+70	LT/RT	SB LT & TL		31	78	47			
6+96	9+35	RT	SB RT & TL	849				707	28	5
8+60	9+53	LT	NB	307				259		
8+70	9+42	LT	SB LT	98				98		
9+86	9+94	RT	SB THRU	2				2		
756+55	757+70	LT	IL 3		10		15			
<b>TOTAL</b>				<b>1,562</b>	<b>58</b>	<b>132</b>	<b>87</b>	<b>1,249</b>	<b>28</b>	<b>5</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

**SIDEWALK SCHEDULE**

STATION	STATION	OFFSET	PC CONC SIDEWALK 4 (NOTE 1) (SQ FT)	DETECTABLE WARNINGS (NOTE 1) (SQ FT)	SIDEWALK REM (SQ FT)	PC CONC SIDEWALK 4 SP (NOTE 1) (SQ FT)
5+63	9+28	RT	1,653	10	1,757	
9+19	9+37	RT		20		132
9+76	9+96	RT		20	82	82
GALL RD		RT	40	10	40	
<b>TOTAL</b>			<b>1,693</b>	<b>60</b>	<b>1,879</b>	<b>214</b>

**SIDEWALK NOTES:**

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

**SEEDING SCHEDULE**

STATION	STATION	OFFSET	SEEDING CL 1A SPL (ACRE)	NITROGEN FERT NUTR (NOTE 1) (POUND)	PHOSPHORUS FERT NUTR (NOTE 1) (POUND)	POTASSIUM FERT NUTR (NOTE 1) (POUND)	MULCH METHOD 2 (NOTE 1) (TON)
5+64	9+15	RT	0.1	9	9	9	0.6
5+64	9+54	LT	0.1	9	9	9	0.6
<b>TOTAL</b>			<b>0.2</b>	<b>18</b>	<b>18</b>	<b>18</b>	<b>1.2</b>

**SEEDING NOTES:**

- FERTILIZER AND MULCH QUANTITIES ARE SHOWN FOR INFORMATION ONLY. THE COST FOR FERTILIZER NUTRIENTS AND MULCH SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR SEEDING, CLASS 1A (SPECIAL). MULCH METHOD 2 QUANTITY SHOWN ASSUMES APPLICATION AT ALL TEMPORARY AND PERMANENT SEEDING AREAS.

**EARTHWORK SCHEDULE**

STATION	STATION	REM & DISP UNS MATL (CU YD)	FURNISHED EXCAVATION (CU YD)	TOPSOIL FURNISH & PLACE 4" (SQ YD)
5+65	9+55	677	232	847
<b>TOTAL</b>		<b>677</b>	<b>232</b>	<b>847</b>

**PAVEMENT MARKING SCHEDULE**

STATION	STATION	OFFSET	TEMP PVT MK LTR & SYM (SQ FT)	TEMP PVT MK LINE 4 (FOOT)	TEMP PVT MK LINE 8 (FOOT)	TEMP PVT MK LINE 12 (FOOT)	TEMP PVT MK LINE 24 (FOOT)	WORK ZONE PAVT MK REM (SQ FT)	PREF THPL PM LTR-SYM (NOTE 1 & 2) (SQ FT)	THPL PVT MK LINE 4 (NOTE 1) (FOOT)	THPL PVT MK LINE 8 (NOTE 1) (FOOT)	THPL PVT MK LINE 12 (NOTE 1) (FOOT)	THPL PVT MK LINE 24 (NOTE 1) (FOOT)	PRISMATIC CURB REFL (EACH)	PAVT MARKING REMOVAL (SQ FT)	PAINT CURB (FOOT)
5+00	5+83	BL		30				10		30						
5+83	9+42	LT	17.6	742				265	17.6	742				18		231
6+65	10+33	BL		186				62		186						
7+15	9+40	RT	47.0	138				93	47.0	138						
8+74	9+53	RT			165	136	18	282			165	136	18	9		92
9+40		LT/RT					37	74					37			
9+43	10+00	RT				69		69				69		5	87	29
<b>TOTAL</b>			<b>64.6</b>	<b>1,096</b>	<b>165</b>	<b>205</b>	<b>55</b>	<b>855</b>	<b>64.6</b>	<b>1,096</b>	<b>165</b>	<b>205</b>	<b>55</b>	<b>32</b>	<b>87</b>	<b>352</b>

**PAVEMENT MARKING NOTES:**

- SEE HIGHWAY STANDARD 780001 FOR PAVEMENT MARKING DETAILS.
- PLACE "SMALL SIZE" PREFORMED THERMOPLASTIC SYMBOLS ACCORDING TO ARTICLE 780.12 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".

**CURB & GUTTER / MEDIAN SCHEDULE**

STATION	STATION	OFFSET	COMB CONC GUTTER REM (FOOT)	MEDIAN REMOVAL (NOTE 1) (SQ FT)	COMB CC&G TB6.24 (FOOT)	COMB CC&G TM6.06 (FOOT)	CONC MEDIAN SURF 4 (SQ FT)	CONC MED TSM (SQ FT)	CORR MED (SQ FT)
5+65	9+59	LT	320		430			922	1,740
5+65	9+20	RT	304		378				
9+10	9+35	RT			58	34	259		
9+76	9+96	RT		188				188	
<b>TOTAL</b>			<b>624</b>	<b>188</b>	<b>866</b>	<b>34</b>	<b>259</b>	<b>1,110</b>	<b>1,740</b>

**CURB & GUTTER / MEDIAN NOTES:**

- MEDIAN REMOVAL INCLUDES THE REMOVAL OF ADJACENT COMB CONC CURB & GUTTER.

**ENTRANCE SCHEDULE**

STATION (NOTE 1)	OFFSET	ENTRANCE TYPE	ENTRANCE WIDTH "W" (NOTE 1) (FOOT)	ENTRANCE DEPTH "D" (FOOT)	EXISTING SURFACE TYPE	AGG SURF CSE A 6 (SQ YD)	PCC DRIVEWAY PAVT 6 (NOTE 2) (SQ YD)	DRIVEWAY PAVEMENT REM (SQ YD)
6+83.1	LT	PE	12		AGG		9	21
7+59.6	LT	PE	23.3		HMA		16	28
8+17.7	LT	PE	12	2	AGG	3	9	
<b>TOTAL</b>						<b>3</b>	<b>34</b>	<b>50</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 LOCATIONS AND WIDTHS WITH THE ENGINEER PRIOR TO CONSTRUCTION.
- DEPRESSED CURB AND GUTTER THROUGH ENTRANCES SHALL BE MEASURED FOR PAYMENT AS COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24.

**EROSION CONTROL SCHEDULE**

STATION	STATION	O/S	EROSION CONTR BLANKET (SQ YD)	TEMP EROS CONTR SEED (NOTE 1) (POUND)	TEMP DITCH CHECKS (FOOT)	PERIMETER EROS BAR (FOOT)	INLET & PIPE PROTECTION (EACH)	STONE RIPRAP CL A3 (SQ YD)	FILTER FABRIC (SQ YD)
5+54	9+54	LT/RT		40			10		
5+64	8+95	RT	70			300			
8+65	8+80	RT			13			21	21
<b>TOTAL</b>			<b>70</b>	<b>40</b>	<b>13</b>	<b>300</b>	<b>10</b>	<b>21</b>	<b>21</b>

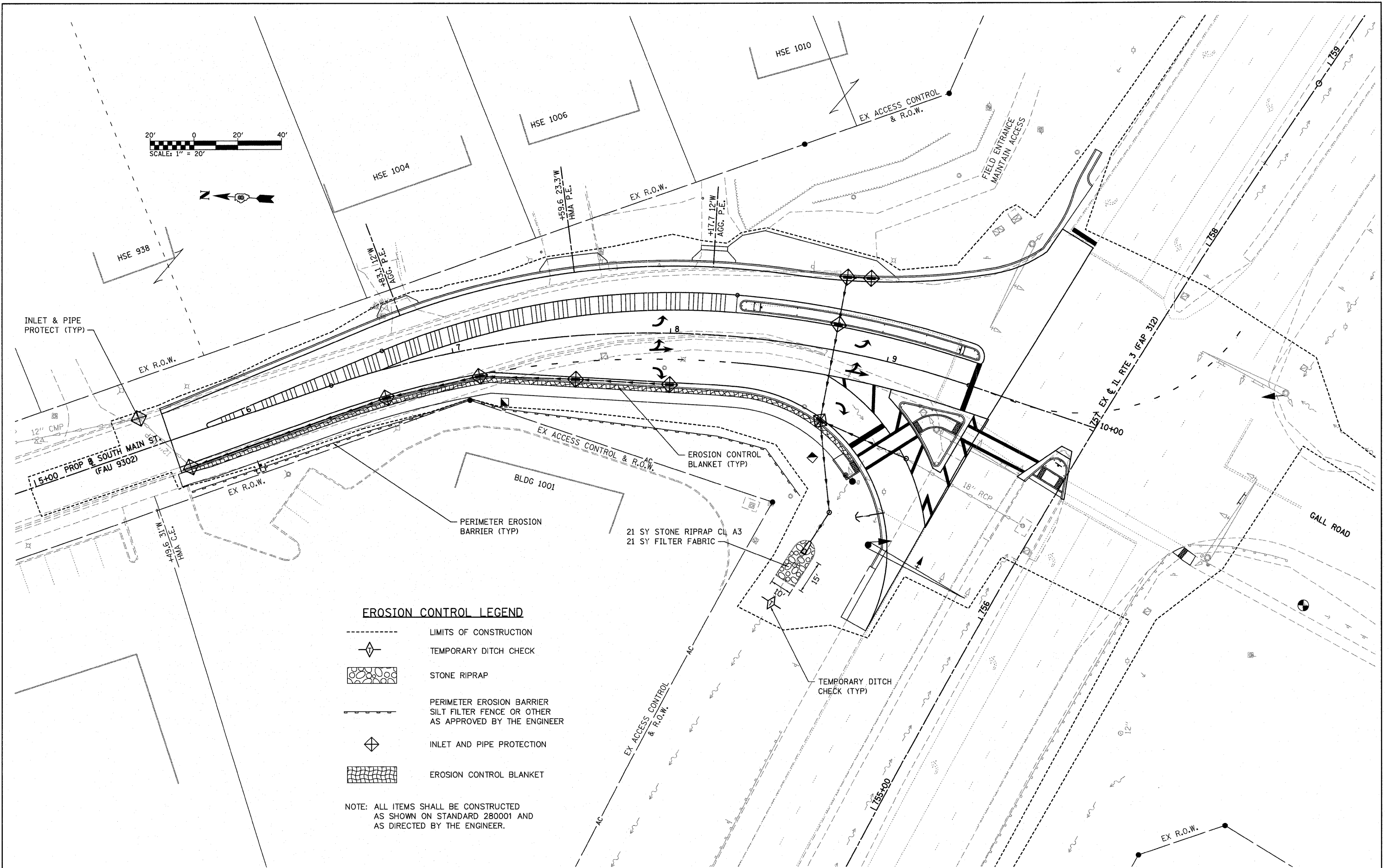
**EROSION CONTROL NOTES:**

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




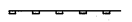

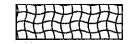








**EROSION CONTROL LEGEND**

-  LIMITS OF CONSTRUCTION
-  TEMPORARY DITCH CHECK
-  STONE RIPRAP
-  PERIMETER EROSION BARRIER  
SILT FILTER FENCE OR OTHER  
AS APPROVED BY THE ENGINEER
-  INLET AND PIPE PROTECTION
-  EROSION CONTROL BLANKET

NOTE: ALL ITEMS SHALL BE CONSTRUCTED AS SHOWN ON STANDARD 280001 AND AS DIRECTED BY THE ENGINEER.

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		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

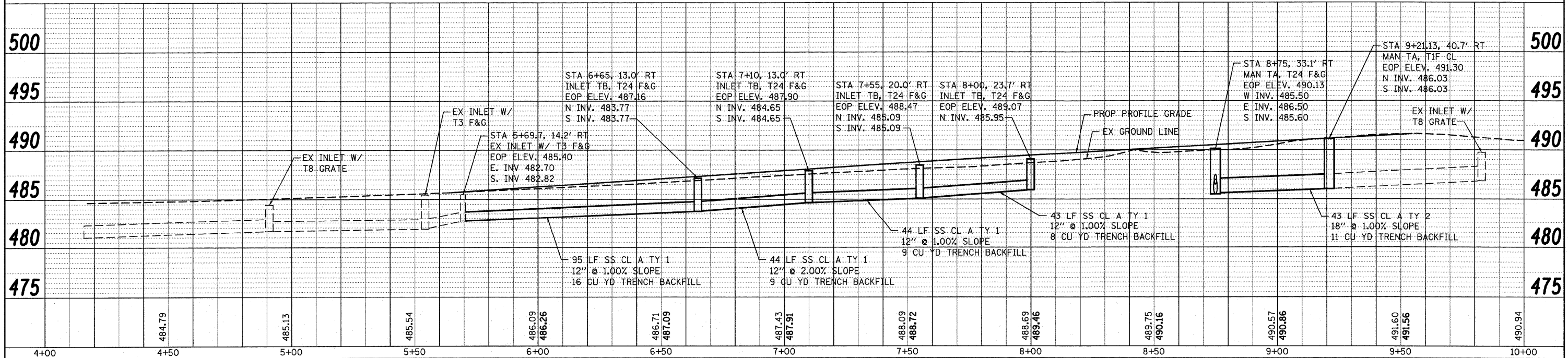
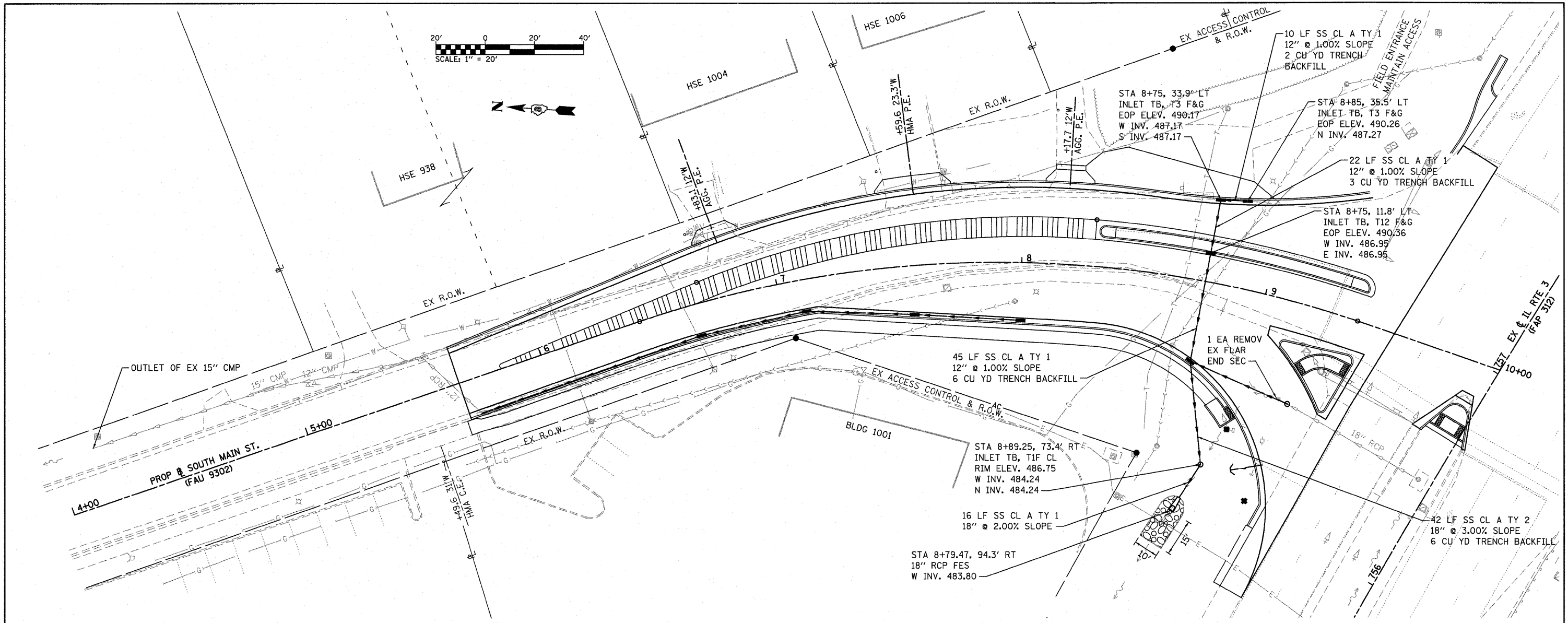
**EROSION AND SEDIMENT CONTROL SHEET**

SCALE: 1" = 20'    SHEET NO. 1 OF 1 SHEETS    STA. 5+00 TO STA. 10+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9302	08-00047-00-PV	MONROE	25	9
S MAIN ST RECONSTRUCTION			CONTRACT NO. 97467	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
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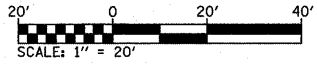
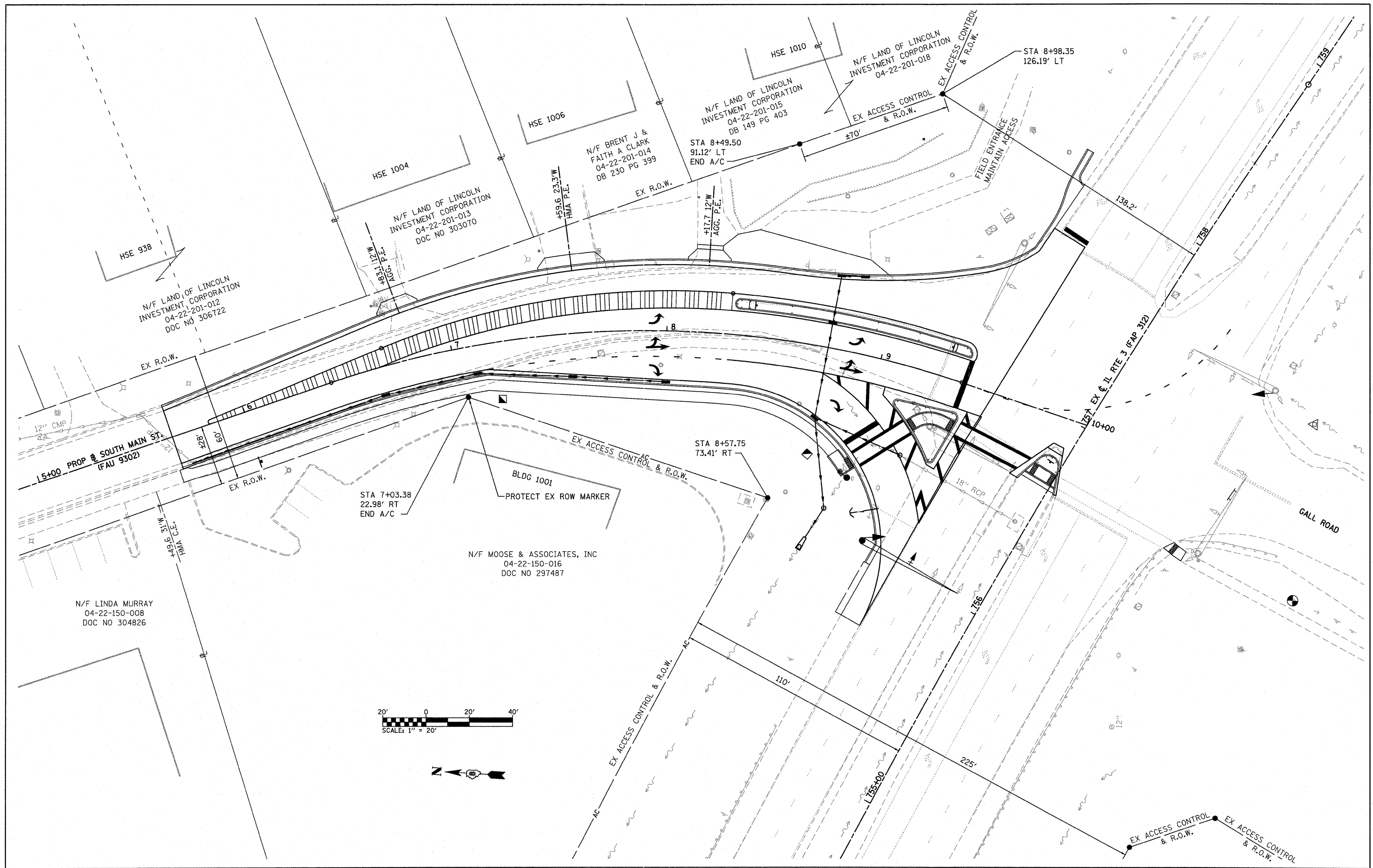
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PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -	REVISED -	S MAIN ST RECONSTRUCTION				CONTRACT NO. 97467
PLOT DATE = 7/28/2011	DATE -	REVISED -	REVISED -	ILLINOIS FED. AID PROJECT				

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

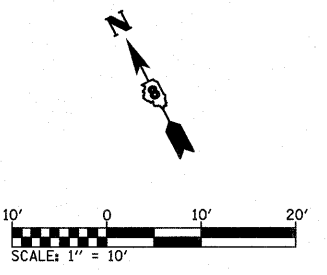
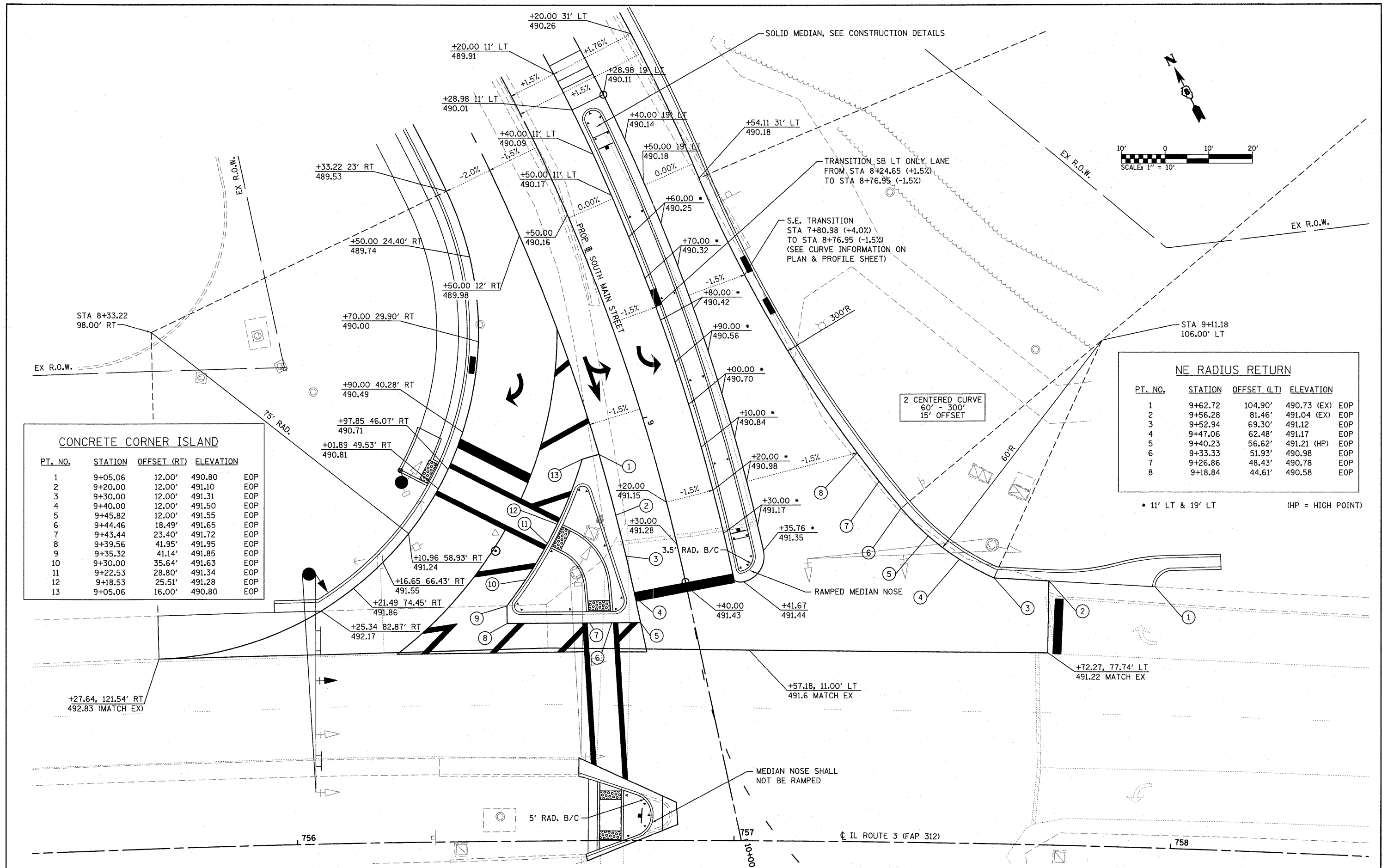
**DRAINAGE PLAN & PROFILE SHEET**

SCALE: 1" = 20' SHEET NO. 1 OF 1 SHEETS STA. 5+00 TO STA. 10+00





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	PLOT DATE = 7/28/2011	DATE -	REVISED -						S MAIN ST RECONSTRUCTION		CONTRACT NO. 97467		
									ILLINOIS FED. AID PROJECT				



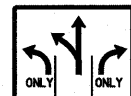
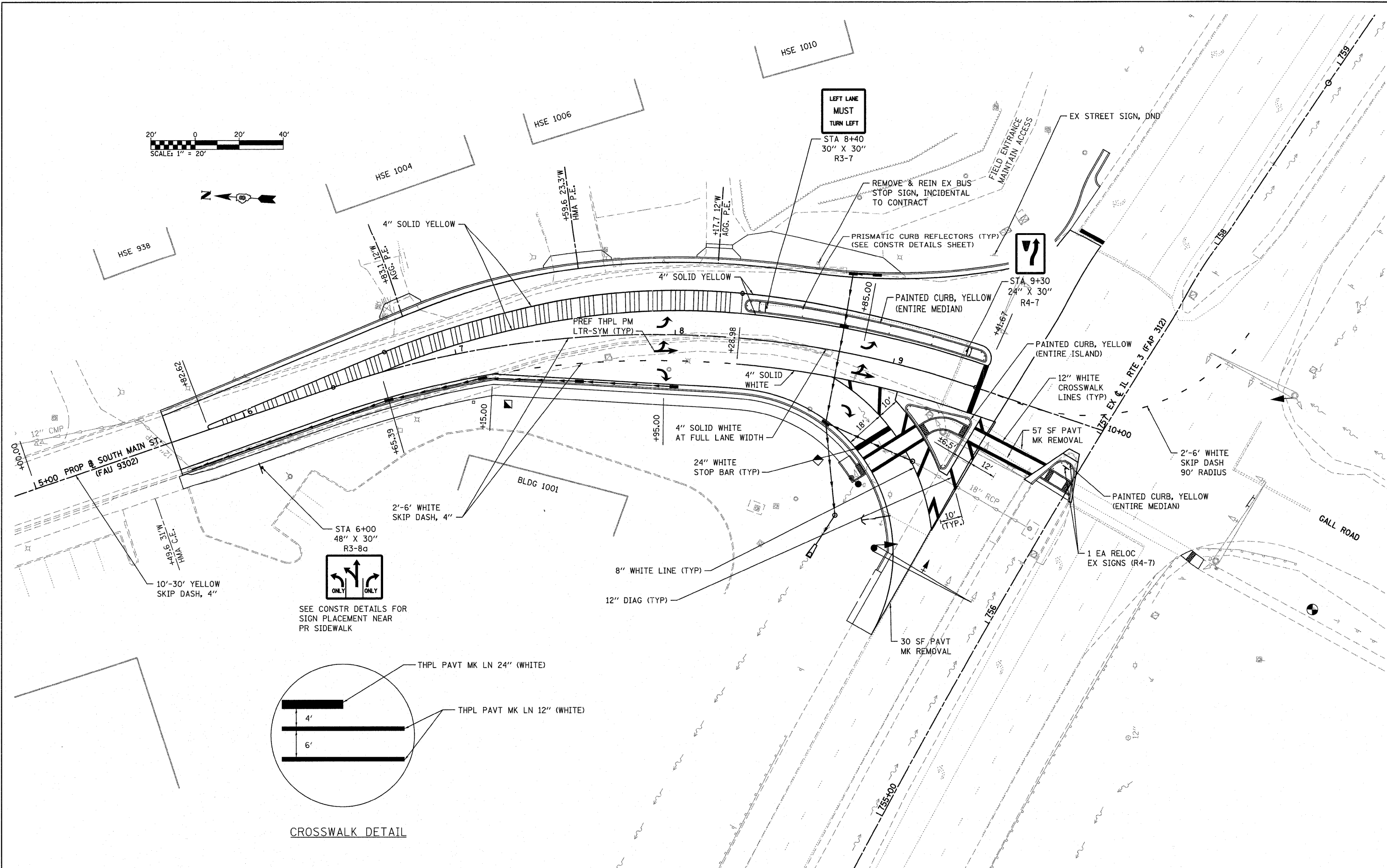
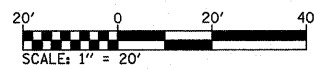
**CONCRETE CORNER ISLAND**

PT. NO.	STATION	OFFSET (RT)	ELEVATION	
1	9+05.06	12.00'	490.80	EOP
2	9+20.00	12.00'	491.10	EOP
3	9+30.00	12.00'	491.31	EOP
4	9+40.00	12.00'	491.50	EOP
5	9+45.82	12.00'	491.55	EOP
6	9+44.46	18.49'	491.65	EOP
7	9+43.44	23.40'	491.72	EOP
8	9+39.56	41.95'	491.95	EOP
9	9+35.32	41.14'	491.85	EOP
10	9+30.00	35.64'	491.63	EOP
11	9+22.53	28.80'	491.34	EOP
12	9+18.53	25.51'	491.28	EOP
13	9+05.06	16.00'	490.80	EOP

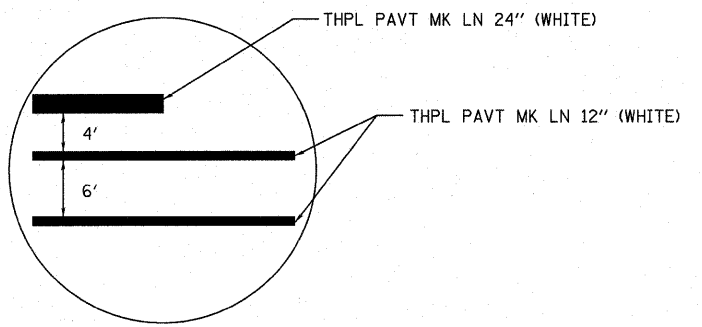
**NE RADIUS RETURN**

PT. NO.	STATION	OFFSET (LT)	ELEVATION	
1	9+62.72	104.90'	490.73 (EX)	EOP
2	9+56.28	81.46'	491.04 (EX)	EOP
3	9+52.94	69.30'	491.12	EOP
4	9+47.06	62.48'	491.17	EOP
5	9+40.23	56.62'	491.21 (HP)	EOP
6	9+33.33	51.93'	490.98	EOP
7	9+26.86	48.43'	490.78	EOP
8	9+18.84	44.61'	490.58	EOP

• 11' LT & 19' LT (HP = HIGH POINT)



SEE CONSTR DETAILS FOR SIGN PLACEMENT NEAR PR SIDEWALK



CROSSWALK DETAIL

FILE NAME = h:\p\26013\microstation\cadd sheets\0828013-eh-pmk.dgn	USER NAME = randy	DESIGNED - TLC	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING &amp; SIGNAGE PLAN</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 20.0000' / IN.	DRAWN - RGV	REVISED -			9302	08-00047-00-PV	MONROE	25	13
PLOT DATE = 7/28/2011	CHECKED -	DATE -	REVISED -	SCALE: 1" = 20'    SHEET NO. 1 OF 1 SHEETS    STA. 5+00    TO STA. 10+00		S MAIN ST RECONSTRUCTION		CONTRACT NO. 97467		
						ILLINOIS FED. AID PROJECT				

**ELECTRICAL GENERAL NOTES**

- PRIOR TO COMMENCING CONSTRUCTION OF ANY COMPONENT OF THE PROPOSED TRAFFIC SIGNAL SYSTEM, ALL UNDERGROUND UTILITIES SHALL BE FIELD LOCATED ACCORDING TO ARTICLE 107.31 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT LIMITS ARE LISTED IN THE GENERAL NOTES OF THE PLANS. CALL J.U.L.I.E. (800) 892-0123 ONE WEEK BEFORE PLANNING TO DIG. IT MAY BE NECESSARY TO HAND DIG TEST HOLES TO EXPOSE EXISTING UTILITIES AT SOME LOCATIONS.
- STREET NAME SIGNS SHALL BE FABRICATED, DELIVERED AND INSTALLED AS SHOWN ON THE PLANS. SIGNS AND INSTALLATION SHALL CONFORM TO SECTION 720 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AND HIGHWAY STANDARDS 720001 AND 720016.
- TRAFFIC SIGNAL CABLES SHALL BE #14 AWG STRANDED COPPER UNLESS OTHERWISE SPECIFIED. TERMINAL ENDS SHALL HAVE CRIMPED-ON RING TONGUE CONNECTORS.
- THE QUANTITIES SHOWN FOR TRAFFIC SIGNAL CABLE IN CONDUIT AND REMOVAL OF ELECTRIC CABLE FROM CONDUIT ASSUME THAT ALL CABLE IN EXISTING CONDUIT WILL NEED TO BE REPLACED. IF IT IS DETERMINED IN THE FIELD THAT THIS CABLE IS SUITABLE FOR USE AND IT WILL NOT BE DAMAGED WHILE PULLING ADDITIONAL CABLE THROUGH THE CONDUIT, WORK ON THESE ITEMS WILL BE UNNECESSARY.
- MOUNTING HARDWARE, SIGNAL POSTS AND BASES SHALL BE UNPAINTED ALUMINUM. BOLTS, SCREWS, NUTS AND WASHERS SHALL BE STAINLESS STEEL. ANTI-SEIZE PASTE COMPOUND SHALL BE USED ON ALL MOUNTING HARDWARE FIELD CONNECTIONS.
- THE LOCATION OF MAST ARM SUPPORTS SHALL BE APPROVED BY THE ENGINEER BEFORE FOUNDATIONS ARE CONSTRUCTED. MAST ARM POLES SHALL BE LOCATED A MINIMUM OF 10 FEET FROM THE EDGE OF PAVEMENT OR 2 FEET FROM THE EDGE OF SHOULDER, WHICHEVER DISTANCE IS GREATER. IN CURBED SECTIONS, THE MAST ARM POLES SHALL BE LOCATED A MINIMUM OF 5 FEET FROM THE FACE OF THE CURB. THESE DISTANCES ARE TO THE NEAR FACE OF THE MAST ARM POLE.
- THE DEPTH OF THE CONCRETE FOUNDATION FOR THE MAST ARM POLE HAS BEEN DETERMINED FROM SOIL BORING DATA TO BE 15'0". SOIL BORING DATA IS INCLUDED IN THE SPECIAL PROVISIONS.
- THE LOCATION OF SIGNAL HEADS ON MAST ARMS SHALL BE APPROVED BY THE ENGINEER BEFORE MAST ARMS ARE INSTALLED.
- BACKPLATES SHALL BE ABS PLASTIC
- INDUCTIVE LOOP DETECTORS SUPPLIED FOR THIS PROJECT SHALL BE RACK MOUNTED AND SHALL HAVE THE CAPACITY OF OPERATING WITH BOTH DELAY AND EXTENSION MODES ACTIVE, IF A TIME SETTING IS PROGRAMMED.
- CALL DELAY SHALL NOT FUNCTION WHEN THE RELATED PHASES ARE IN THE GREEN MODE. "CALL CARRY-OVER" SHALL FUNCTION ONLY WHEN THE RELATED PHASES ARE IN THE GREEN MODE.
- THE LOCATION OF ALL DETECTOR LOOPS SHALL BE APPROVED BY THE ENGINEER BEFORE ANY SLOTS ARE SAWED IN THE PAVEMENT.
- DETECTOR LOOPS LOCATED WITHIN HOT-MIX ASPHALT SURFACE LIMITS SHALL BE INSTALLED IN THE PAVEMENT PRIOR TO HMA SURFACE PLACEMENT. DETECTOR LOOPS SHALL BE A MAXIMUM OF 4 INCHES DEEP, MEASURED FROM THE FINAL PAVEMENT SURFACE ELEVATION.
- PROPOSED CONDUIT SHALL BE PVC UNLESS NOTED OTHERWISE. ALL CONDUIT SHALL BE PLACED AND BACKFILLED PRIOR TO CONSTRUCTION OF NEW PAVEMENT, SHOULDER AND CURB. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PUSHING OR PULLING CONDUIT AFTER SUCH WORK HAS BEEN COMPLETED.
- A 1/4" DIAMETER NYLON PULL ROPE SHALL BE INSTALLED IN ALL CONDUITS.
- HANDHOLES SHALL BE CAST-IN-PLACE PORTLAND CEMENT CONCRETE ACCORDING TO ARTICLE 814.03(B) OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". HANDHOLE COVERS SHALL BE SLOPED TO MATCH PROPOSED CONTOURS.
- WHEN CUTTING PROPOSED DETECTOR LOOPS, THE CONTRACTOR SHALL CONTROL DUST SO THAT DUST DOES NOT BECOME AIRBORNE AND BLOW ONTO PRIVATE PROPERTY.
- SEE SPECIAL PROVISIONS FOR TRAFFIC CONTROL AND CONSTRUCTION STAGING REQUIREMENTS.

**STANDARDS FOR TRAFFIC SIGNAL SHEETS**

- 720001 SIGN PANEL MOUNTING DETAILS
- 720016 MAST ARM MOUNTED STREET NAME SIGNS
- 805001 ELECTRICAL SERVICE INSTALLATION DETAILS
- 814001 HANDHOLES
- 814006 DOUBLE HANDHOLES
- 857001 STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
- 873001 TRAFFIC SIGNAL GROUNDING & BONDING
- 876001 PEDESTRIAN PUSH BUTTON POST
- 877001 STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
- 878001 CONCRETE FOUNDATION DETAILS
- 880006 TRAFFIC SIGNAL MOUNTING DETAILS
- 886001 DETECTOR LOOP INSTALLATIONS
- 886006 TYPICAL LAYOUTS FOR DETECTION LOOPS

**TRAFFIC SIGNAL LEGEND**

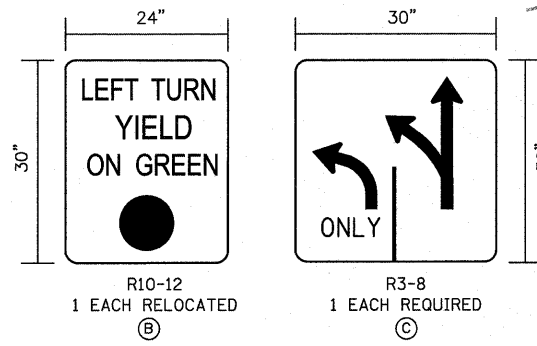
- PROPOSED SIGNAL HEAD WITH BACKPLATE (SEE HIGHWAY STANDARD 880006)
- EXISTING SIGNAL HEAD WITH BACKPLATE
- PROPOSED HANDHOLE
- EXISTING HANDHOLE
- EXISTING DOUBLE HANDHOLE
- PROPOSED DETECTOR LOOP (SEE HIGHWAY STANDARDS 886001 & 886006)
- EXISTING DETECTOR LOOP (SEE HIGHWAY STANDARDS 886001 & 886006)
- PROPOSED CONDUIT: "T" TRENCH, "P" PUSHED, SIZE SPECIFIED
- EXISTING CONDUIT: SIZE SPECIFIED
- PVCC POLYVINYL CHLORIDE CONDUIT
- GSC GALVANIZED STEEL CONDUIT
- REC REMOVE ELECTRIC CABLE FROM CONDUIT
- PROPOSED SIGN
- EXISTING MAST ARM
- PROPOSED MAST ARM
- EXISTING SIGNAL HEAD, PEDESTRIAN
- EXISTING PEDESTRIAN PUSHBUTTON DETECTOR
- EXISTING CONTROLLER
- EXISTING SIGNAL POST
- PROPOSED SIGNAL POST
- PROPOSED STREET NAME SIGN/TRAFFIC SIGN MOUNTED ON MAST ARM

**TRAFFIC SIGNAL SCHEDULE**

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES
72000100	SIGN PANEL - TYPE 1	SQ FT	7.8
81012300	CONDUIT IN TRENCH, 1" DIA., PVC	FOOT	225
81012400	CONDUIT IN TRENCH, 1 1/4" DIA., PVC	FOOT	23
81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	48
81013100	CONDUIT IN TRENCH, 5" DIA., PVC	FOOT	10
S 81018600	CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL	FOOT	107
S 81018800	CONDUIT PUSHED, 3 1/2" DIA., GALVANIZED STEEL	FOOT	135
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	2
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	308
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	586
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	600
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2,161
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,554
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	4,134
87502680	TRAFFIC SIGNAL POST, ALUMINUM 14 FT.	EACH	1
87700300	STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	3
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	15
87900200	DRILL EXISTING HANDHOLE	EACH	3
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	1
88040110	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	2
88200100	TRAFFIC SIGNAL BACKPLATE	EACH	1
88500100	INDUCTIVE LOOP DETECTOR	EACH	2
S 88600100	DETECTOR LOOP, TYPE I	FOOT	633
89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	3
89500200	RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	1
89502200	MODIFY EXISTING CONTROLLER	EACH	1
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	6,902
S 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
S 89502380	REMOVE EXISTING HANDHOLE	EACH	2
S 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1
S X7240500	RELOCATE EXISTING SIGNS	EACH	2
S X8880010	ADA PEDESTRIAN PUSH-BUTTON	EACH	1

NOTES:  
S SEE PROJECT SPECIFIC SPECIAL PROVISIONS

FILE NAME =	USER NAME = randy	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC SIGNAL PLANS</b>			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
h:\p\28013\microstation\cadd sheets\0828013-sh-t-ts.dgn	DRAWN -	REVISED -	REVISED -					9302	08-0047-00-PV	MONROE	25	14
PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -	REVISED -		SCALE: SHEET NO. 1 OF 3 SHEETS STA. TO STA.		S MAIN ST RECONSTRUCTION CONTRACT NO. 97467		ILLINOIS FED. AID PROJECT			
PLOT DATE = 7/28/2011	DATE -	REVISED -	REVISED -									



**SIGN PANEL - TYPE 1 DETAILS**  
(NOT TO SCALE)

SEE NEXT PAGE FOR EXISTING & PROPOSED TRAFFIC SIGNAL FACES

**EXISTING SEQUENCE OF OPERATIONS**

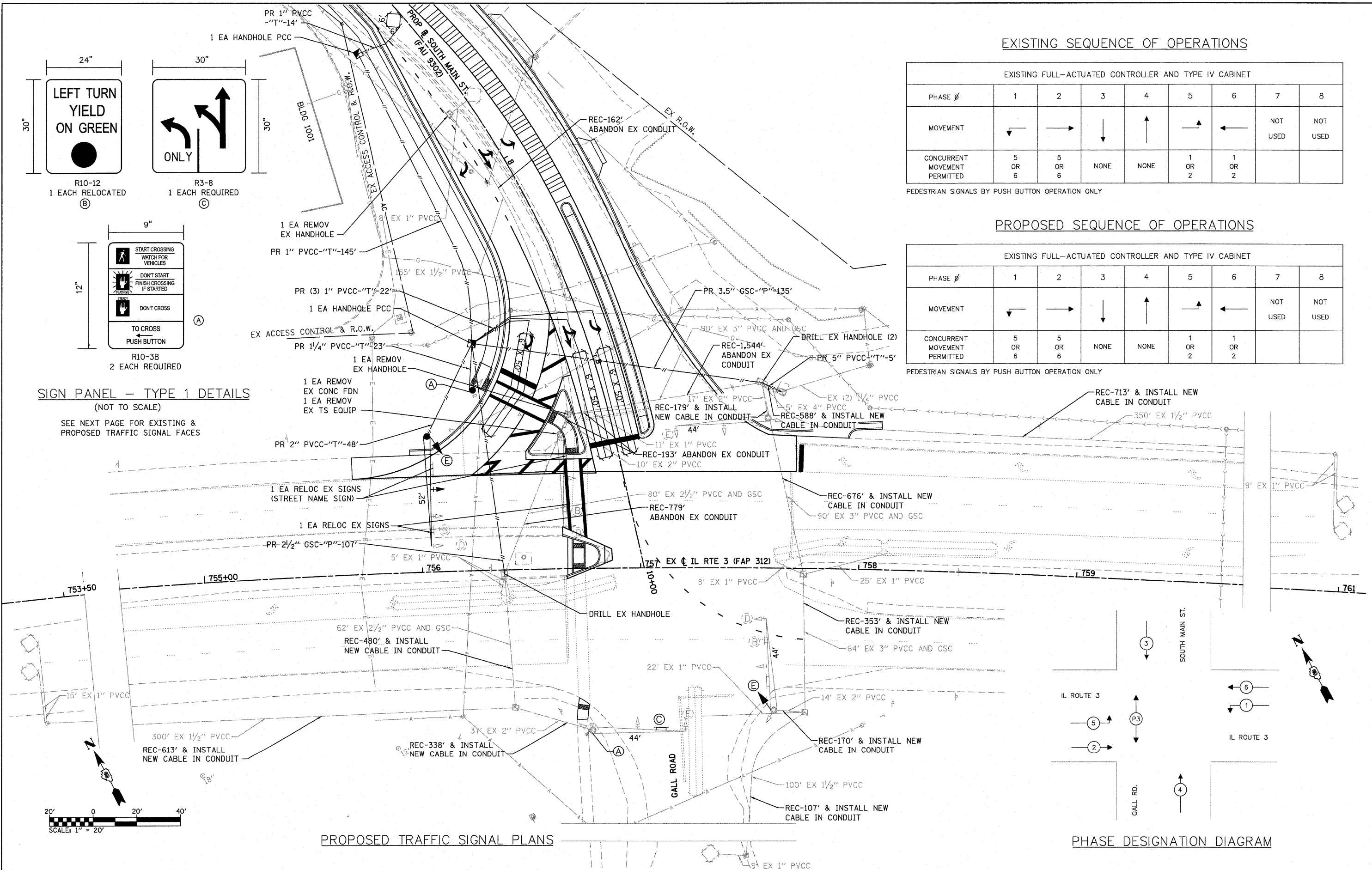
EXISTING FULL-ACTUATED CONTROLLER AND TYPE IV CABINET								
PHASE $\phi$	1	2	3	4	5	6	7	8
MOVEMENT	←	→	↓	↑	↖	↗	NOT USED	NOT USED
CONCURRENT MOVEMENT PERMITTED	5 OR 6	5 OR 6	NONE	NONE	1 OR 2	1 OR 2		

PEDESTRIAN SIGNALS BY PUSH BUTTON OPERATION ONLY

**PROPOSED SEQUENCE OF OPERATIONS**

EXISTING FULL-ACTUATED CONTROLLER AND TYPE IV CABINET								
PHASE $\phi$	1	2	3	4	5	6	7	8
MOVEMENT	←	→	↓	↑	↖	↗	NOT USED	NOT USED
CONCURRENT MOVEMENT PERMITTED	5 OR 6	5 OR 6	NONE	NONE	1 OR 2	1 OR 2		

PEDESTRIAN SIGNALS BY PUSH BUTTON OPERATION ONLY

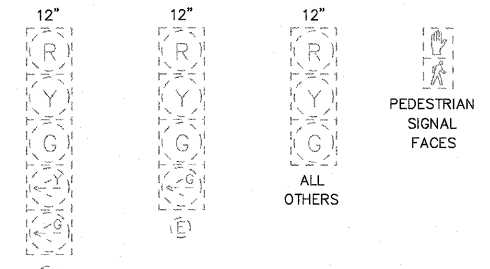


**PROPOSED TRAFFIC SIGNAL PLANS**

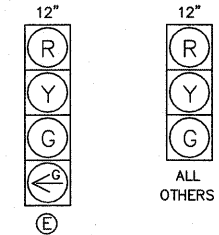
**PHASE DESIGNATION DIAGRAM**

FILE NAME =	USER NAME = randy	DESIGNED - TLC	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC SIGNAL PLANS</b>		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
h:\p\28013\microstation\cadd sheets\0828013-ht-ta.dgn	DRAWN - RGV	REVISED -	9302				08-0047-00-PV	MONROE	25	15	
PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -	S MAIN ST RECONSTRUCTION				CONTRACT NO. 97467				
PLOT DATE = 7/28/2011	DATE -	REVISED -	ILLINOIS FED. AID PROJECT								

NOTE 1: EXISTING SIGNAL HEADS AND BACKPLATES TO BE RE-USED



EXISTING TRAFFIC SIGNAL FACES



PROPOSED TRAFFIC SIGNAL FACES

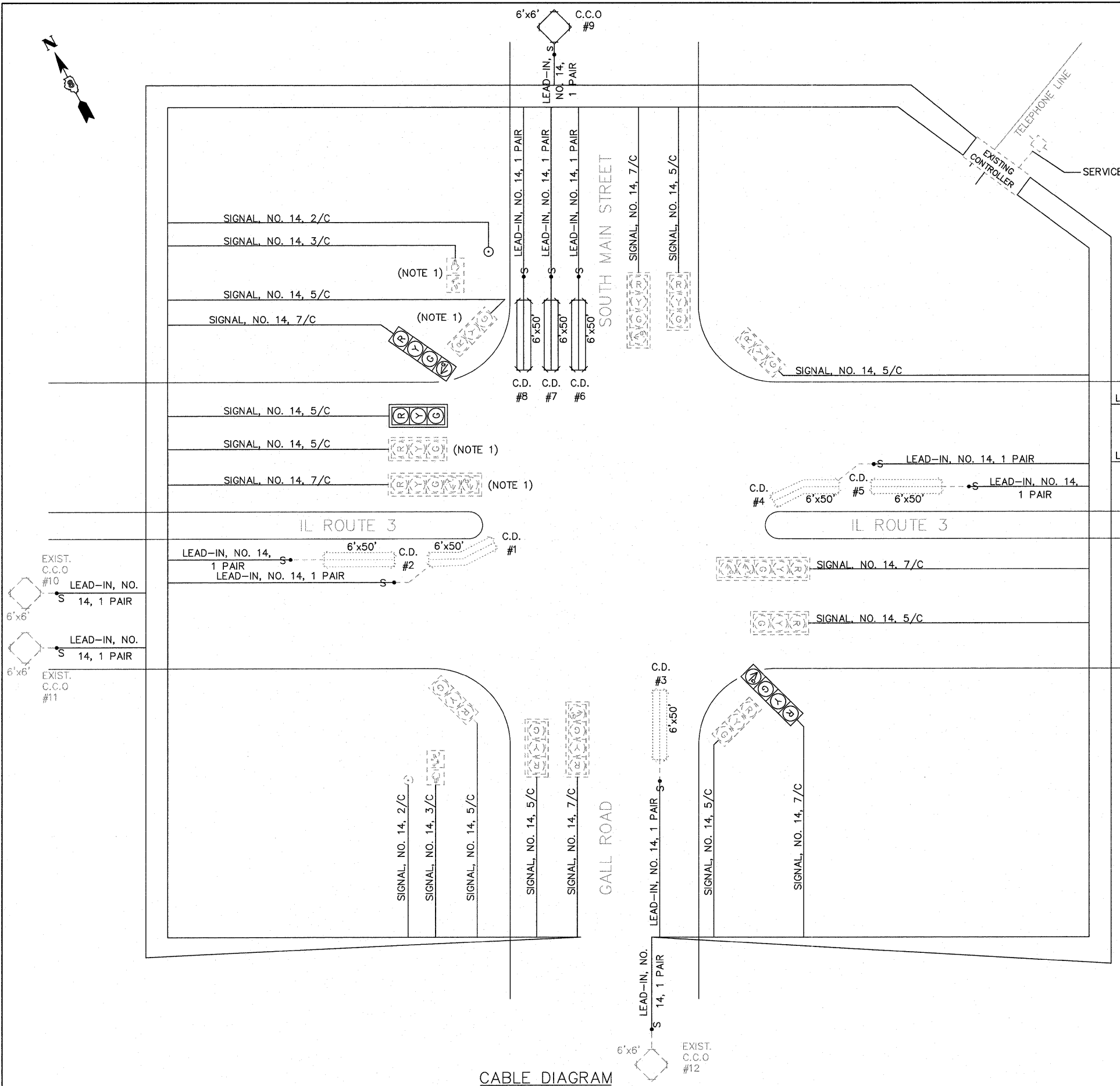
CABLE DIAGRAM LEGEND

- PROPOSED ELECTRIC CABLE IN CONDUIT
- S- PROPOSED CABLE SPLICE (SEE ELECTRICAL GENERAL NOTES)
- 2/C INDICATES NUMBER OF CONDUCTORS IN CABLE
- C.D. CALL DELAY (SEE ELECTRICAL GENERAL NOTES)
- C.C.O. CALL CARRY OVER (SEE ELECTRICAL GENERAL NOTES)
- NO. 6 INDICATES AMERICAN WIRE (AWG) SIZE 6
- #6 LOOP DETECTOR NUMBER
- PROPOSED PEDESTRIAN PUSH BUTTON
- - - EXISTING ELECTRIC CABLE IN CONDUIT
- S- EXISTING CABLE SPLICE (SEE ELECTRICAL GENERAL NOTES)
- EXISTING PEDESTRIAN PUSH BUTTON
- - - EXISTING SERVICE INSTALLATION

SOUTH MAIN STREET @ IL ROUTE 3

LOOP #	DIRECTION	PHASE	LOOP SIZE (FOOT)	REQUIRED NUMBER OF TURNS	LEAD-IN CABLE LENGTH (FOOT)	CALCULATED INDUCTANCE (microhenries)	CALCULATED RESISTANCE (ohms)
1	SB LT	5	6' X 50'				
2	SB LT	5	6' X 50'				
3	EB LT / THRU	4	6' X 50'				
4	NB LT	1	6' X 50'				
5	NB LT	1	6' X 50'				
6	WB LT	3	6' X 50'	3 - 6 - 3	178	825	2.48
7	WB THRU	3	6' X 50'	3 - 6 - 3	205	831	2.62
8	WB RT	3	6' X 50'	3 - 6 - 3	219	834	2.69
9	WB C.C.O.	3	6' X 6'	5	324	240	1.92
10	SB C.C.O.	2	6' X 6'				
11	SB C.C.O.	2	6' X 6'				
12	EB C.C.O.	4	6' X 6'				
13	NB C.C.O.	6	6' X 6'				
14	NB C.C.O.	6	6' X 6'				

THE ABOVE VALUES ARE CALCULATIONS OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN 20% OF THESE VALUES.



CABLE DIAGRAM

FILE NAME =	USER NAME = randy	DESIGNED - TLC	REVISED -
h:\p\28013\microstation\cadd sheets\0828013-shr-ts.dgn		DRAWN - RGV	REVISED -
PLOT SCALE = 20.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 7/28/2011		DATE -	REVISED -

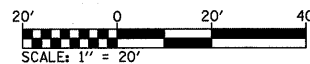
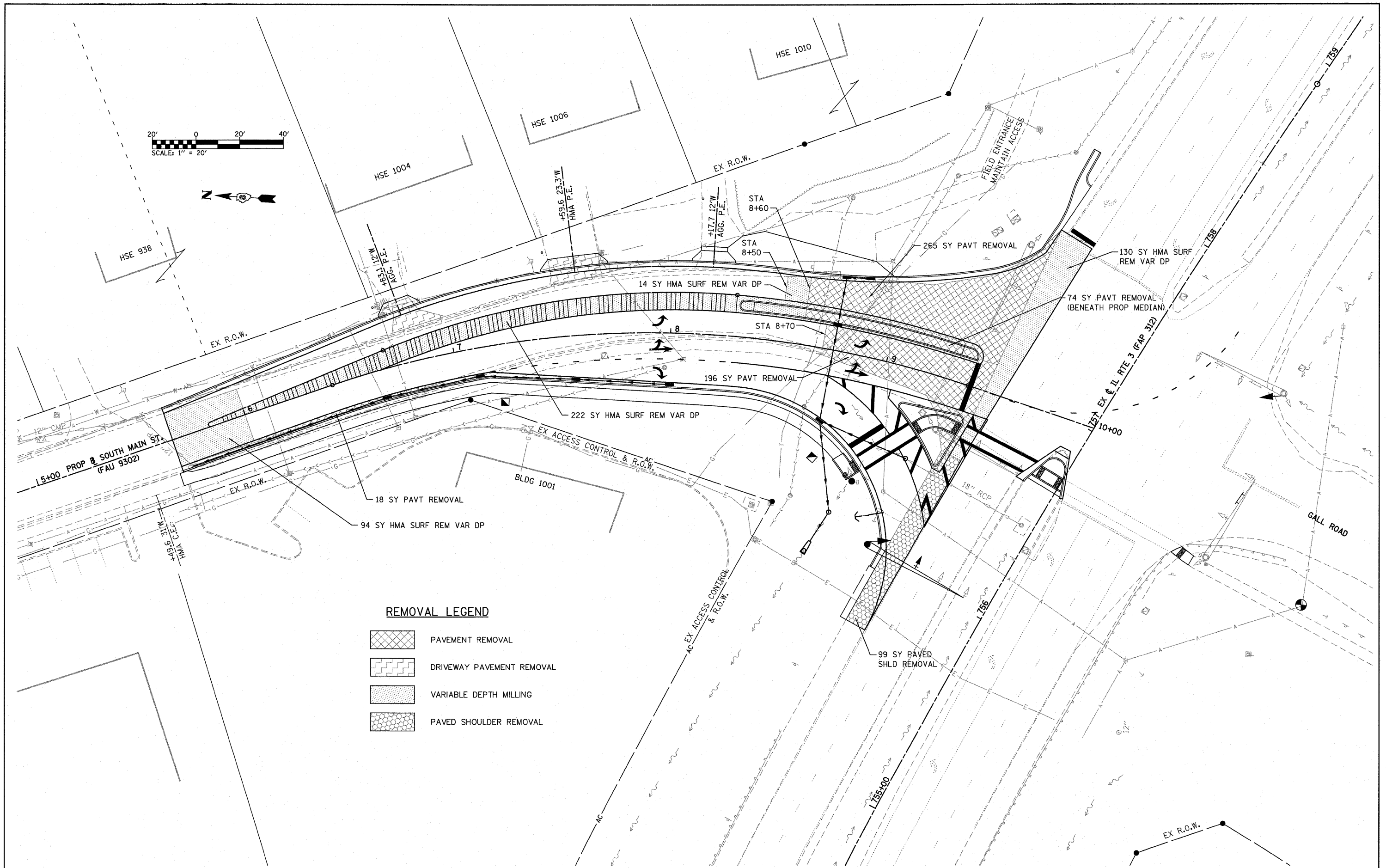
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLANS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9302	08-00047-00-PV	MONROE	25	16
S MAIN ST RECONSTRUCTION		CONTRACT NO. 97467		
ILLINOIS FED. AID PROJECT				

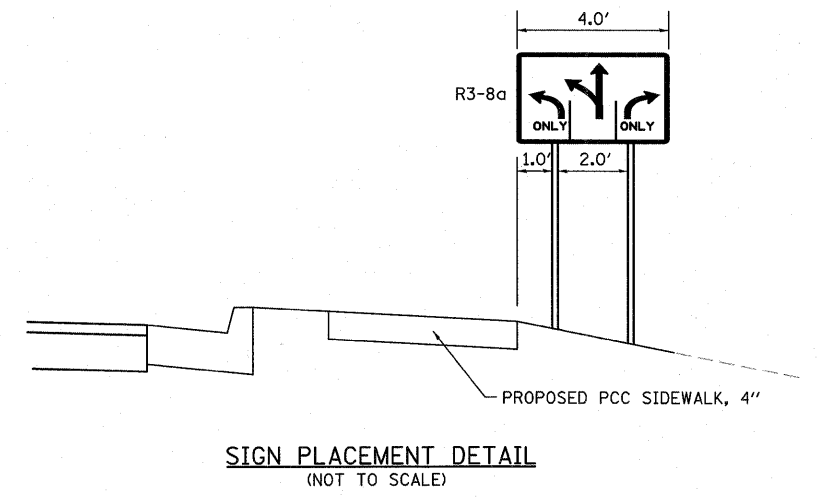
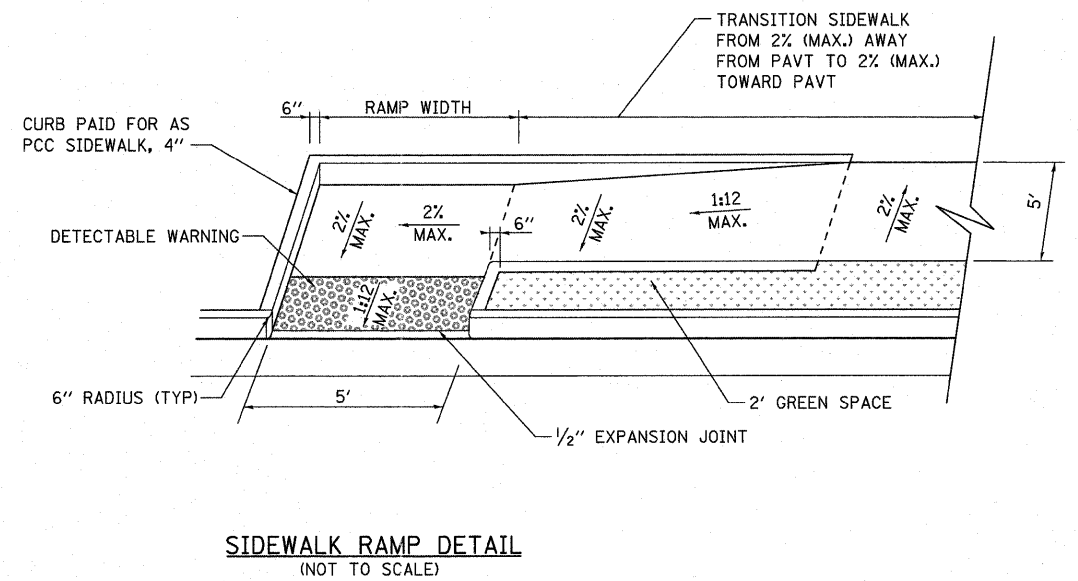
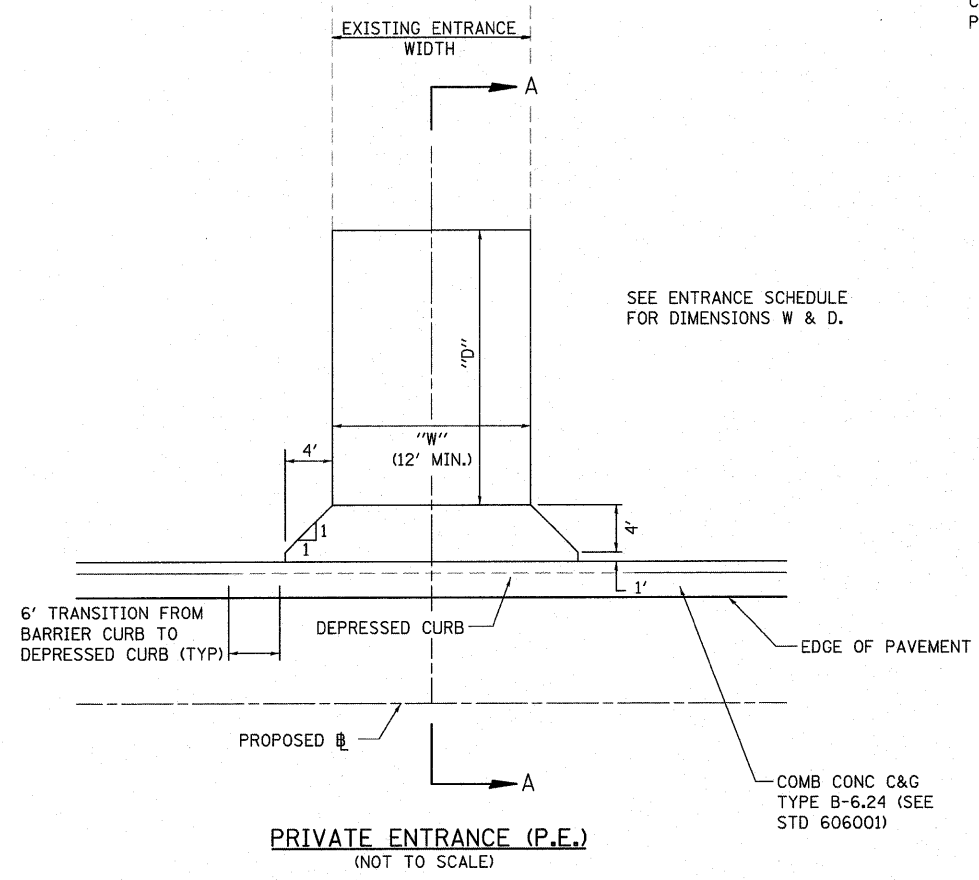




**REMOVAL LEGEND**

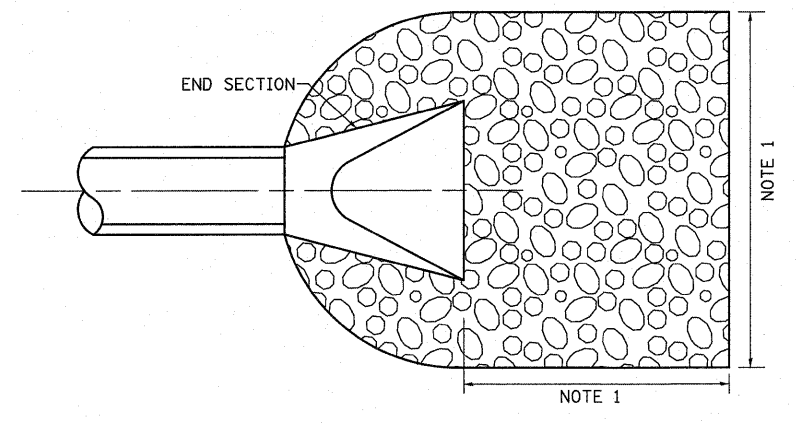
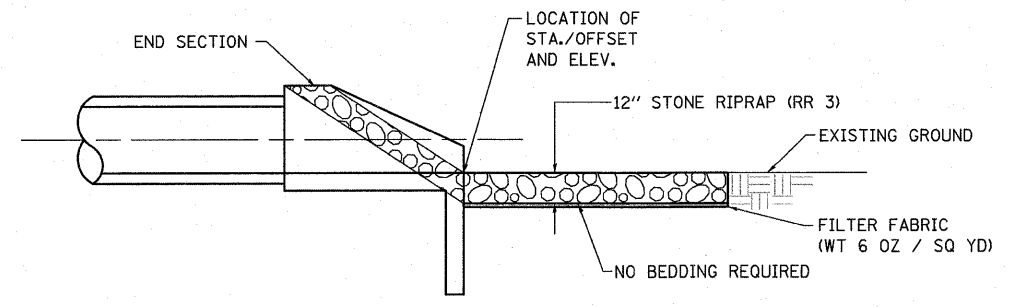
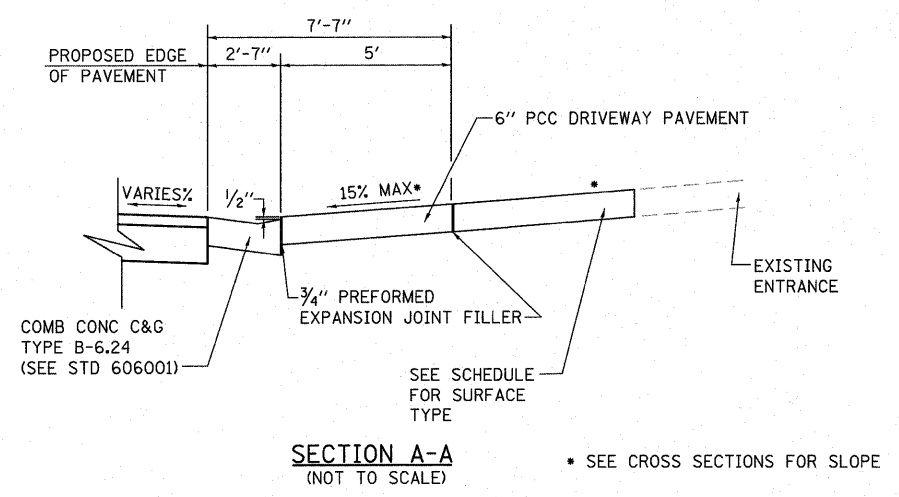
	PAVEMENT REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	VARIABLE DEPTH MILLING
	PAVED SHOULDER REMOVAL

FILE NAME = H:\P\28013\Microstation\CADD Sheets\082013-shr-rem.dgn	USER NAME = randj	DESIGNED - TLC	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT REMOVAL SHEET</b>	F.A.U. RTE. 9302	SECTION 08-00047-00-PV	COUNTY MONROE	TOTAL SHEETS 25	SHEET NO. 17	
PLOT SCALE = 28.0000' / IN.	CHECKED -	REVISOR -	REVISOR -			S MAIN ST RECONSTRUCTION		CONTRACT NO. 97467		ILLINOIS FED. AID PROJECT	
PLOT DATE = 7/28/2011	DATE -	REVISOR -	REVISOR -			SCALE: 1" = 20'	SHEET NO. 1 OF 1 SHEETS	STA. 5+00	TO STA. 10+00		



**NOTES**

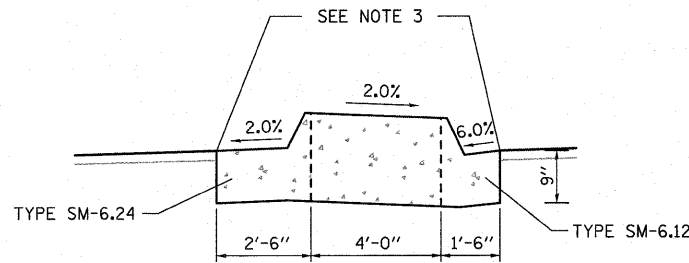
1. SEE HIGHWAY STANDARD 720006 & STANDARD 729001 FOR SIGN PLACEMENT DETAILS



NOTE 1: SEE EROSION & SEDIMENT CONTROL SHEET FOR DIMENSIONS

**TYPICAL RIPRAP DETAIL**  
(NOT TO SCALE)

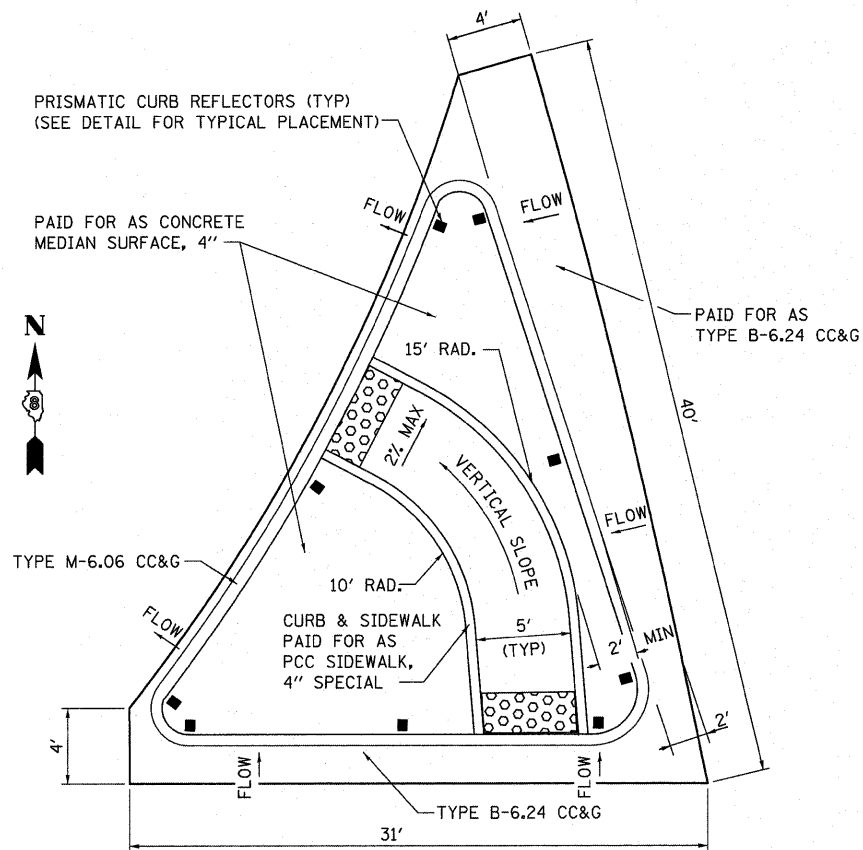
FILE NAME =	USER NAME = randy	DESIGNED - TLC	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CONSTRUCTION DETAILS</b>			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
h:\p\28013\microstation\load sheets\0828013-ahd-details.dgn		DRAWN - RGV	REVISED -					9302	08-00047-00-PV	MADISON	25	18
PLOT SCALE = 20.0000' / IN.		CHECKED -	REVISED -		S MAIN ST RECONSTRUCTION			CONTRACT NO. 97467				
PLOT DATE = 7/28/2011		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							
				SCALE: NTS		SHEET NO. 1 OF 2 SHEETS		STA. TO STA.				



**SOLID MEDIAN**  
(NOT TO SCALE)

**NOTES**

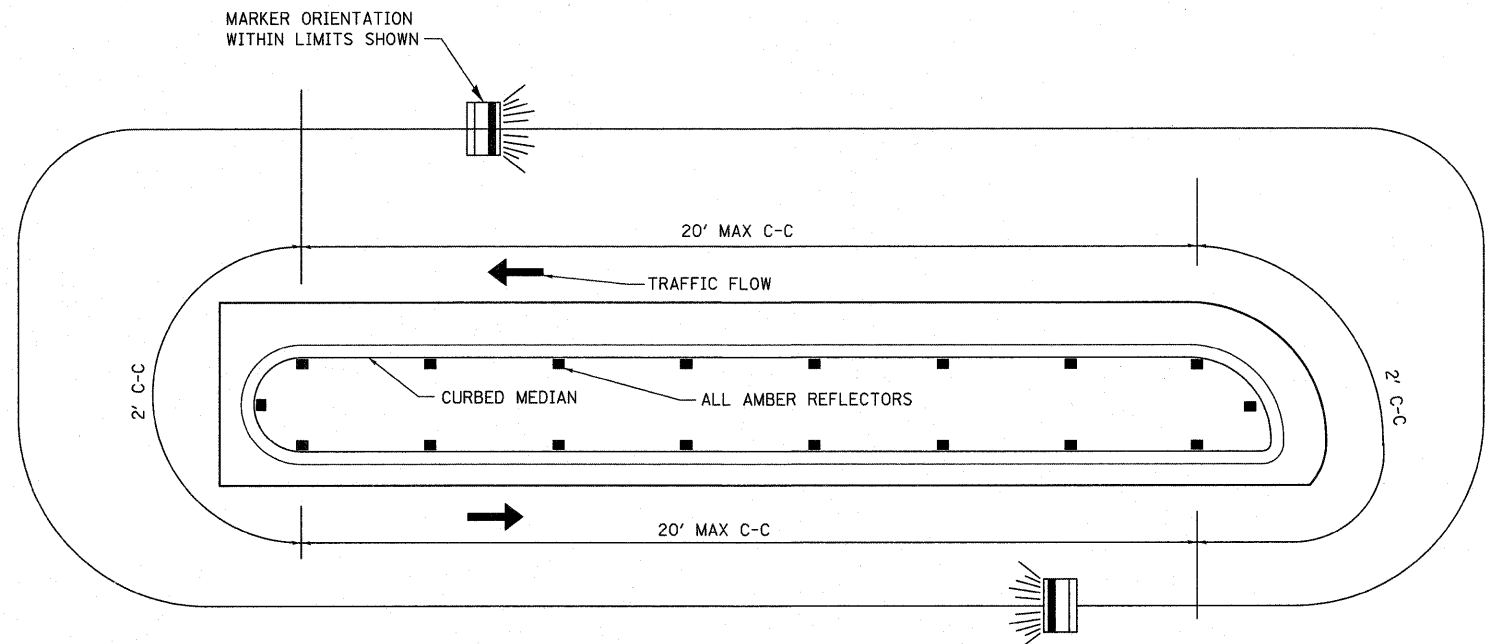
1. SEE HIGHWAY STANDARD 606301 AND TYPICAL SECTIONS FOR SPECIFIC DIMENSIONS.
2. ENTIRE 8' WIDE MEDIAN AREA SHALL BE PAID FOR AS CONCRETE MEDIAN, TYPE SM ACCORDING TO ARTICLE 606.14 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".
3. TRANSITION GUTTER EDGE ELEVATIONS WITH ADJACENT TRAVEL LANES FROM STA 8+28.98 TO STA 8+50.82. HOLD THESE ELEVATIONS EQUAL FROM STA 8+50.82 TO STA 9+35.76.
4. TRANSITION GUTTER PANS WITH PAVEMENT CROSS SLOPE FROM STA 8+28.98 TO STA 8+50.82. MATCH THE GUTTER SLOPES SHOWN IN THE DETAIL FROM STA 8+50.82 TO STA 9+35.76.



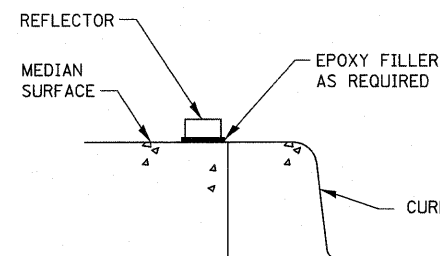
**NOTES**

1. SEE HIGHWAY STANDARD 606301 FOR SPECIFIC DIMENSIONS FOR THE INTERMEDIATE ISLAND
2. MEDIAN NOSES FOR CORNER ISLAND SHALL NOT BE RAMPED
3. SEE HIGHWAY STANDARD 424001 FOR DETAILS OF TYPE A RAMPS, EXCEPT THAT A CONSTANT LONGITUDINAL SLOPE SHALL BE MAINTAINED FROM EACH OPENING

**PCC CORNER ISLAND**  
(NOT TO SCALE)



**TYPICAL PLACEMENT OF PRISMATIC REFLECTORS ON CURBS**  
(NOT TO SCALE)



**SECTION VIEW**

**NOTES**

1. PRISMATIC REFLECTORS SHALL BE MONO-DIRECTIONAL FOR THE PROPOSED MEDIAN AND CORNER ISLAND ON SOUTH MAIN STREET AND BI-DIRECTIONAL FOR THE IL RTE 3 MEDIAN.
2. MONO-DIRECTIONAL PRISMATIC REFLECTORS SHALL BE POSITIONED SO THAT THE REFLECTIVE FACE IS FACING THE APPROACHING TRAFFIC.
3. PRISMATIC REFLECTORS SHALL BE SECURED IN PLACE WITH AN EPOXY ADHESIVE.
4. PRISMATIC REFLECTORS SHALL BE AMBER IN COLOR.

FILE NAME =	USER NAME = randy	DESIGNED - TLC	REVISED -
h:\p\28013\microstation\cadd sheets\0825\013-ht-details.dgn		DRAWN - RGV	REVISED -
		CHECKED -	REVISED -
		DATE - 7/28/2011	REVISED -

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

**CONSTRUCTION DETAILS**

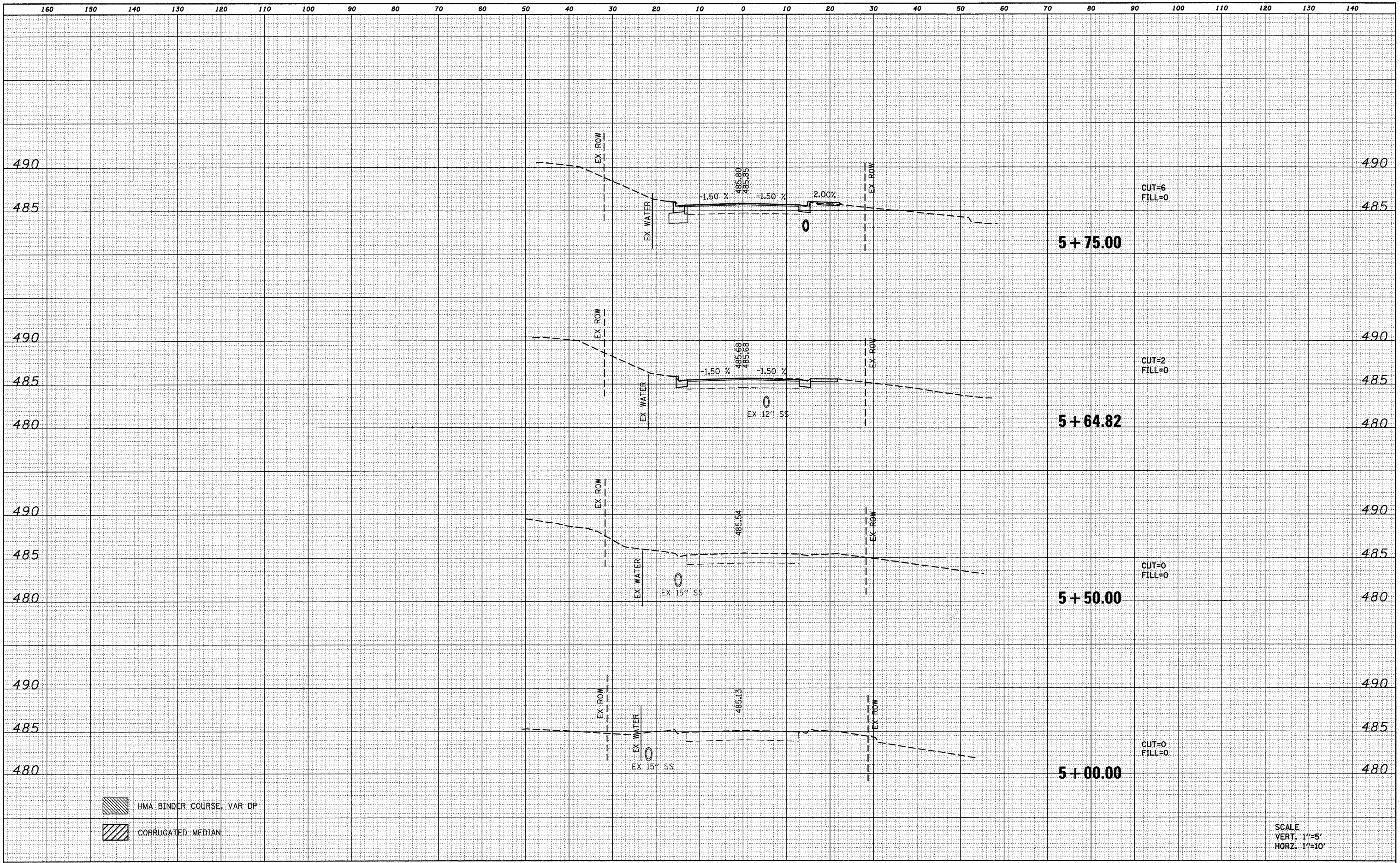
SCALE: NTS SHEET NO. 2 OF 2 SHEETS STA. TO STA.



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9302	08-00047-00-PV	MADISON	25	19
S MAIN ST RECONSTRUCTION			CONTRACT NO. 97467	
ILLINOIS FED. AID PROJECT				



DATE \_\_\_\_\_  
 BY \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_  
 NO. \_\_\_\_\_

DATE \_\_\_\_\_  
 BY \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_  
 NO. \_\_\_\_\_



 HMA BINDER COURSE, VAR DP  
 CORRUGATED MEDIAN

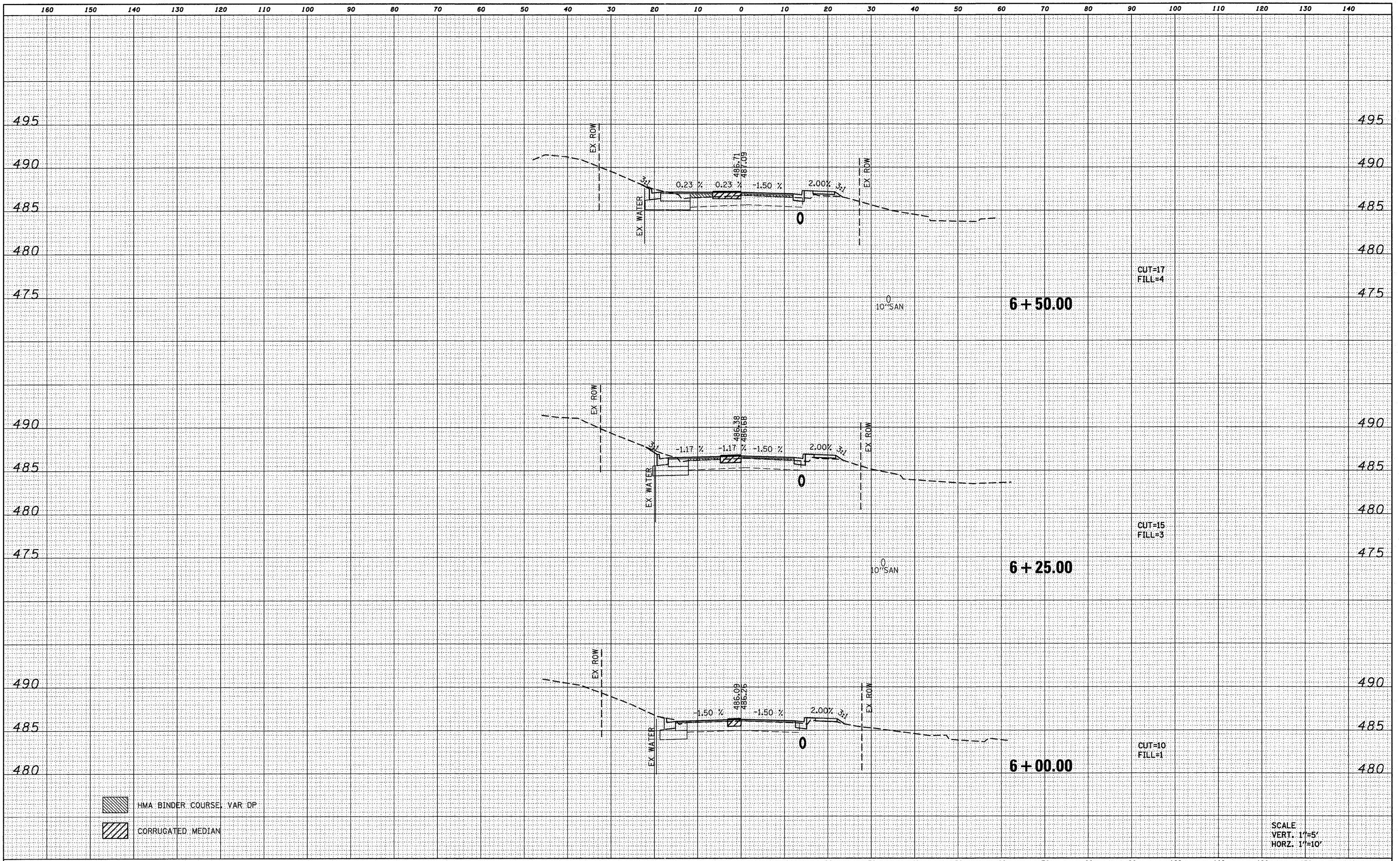
SCALE  
 VERT. 1"=5'  
 HORZ. 1"=10'

FILE NAME = D828013-sh1-xssht.dgn	USER NAME = randy	DESIGNED - TLC	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS</b>				F.A.U. RTE. 9302	SECTION 08-00047-00-PV	COUNTY MONROE	TOTAL SHEETS 25	SHEET NO. 20
	PLOT TIME = 9:42:20 AM	DRAWN - RGV	REVISED -		SCALE:	SHEET NO. 1	OF 6 SHEETS	STA. 5+00.00	TO STA. 5+75.00	S MAIN ST RECONSTRUCTION		CONTRACT NO. 97467	
	PLOT SCALE = 10.0000' / IN.	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT								
	PLOT DATE = 7/28/2011	DATE -	REVISED -										



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

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

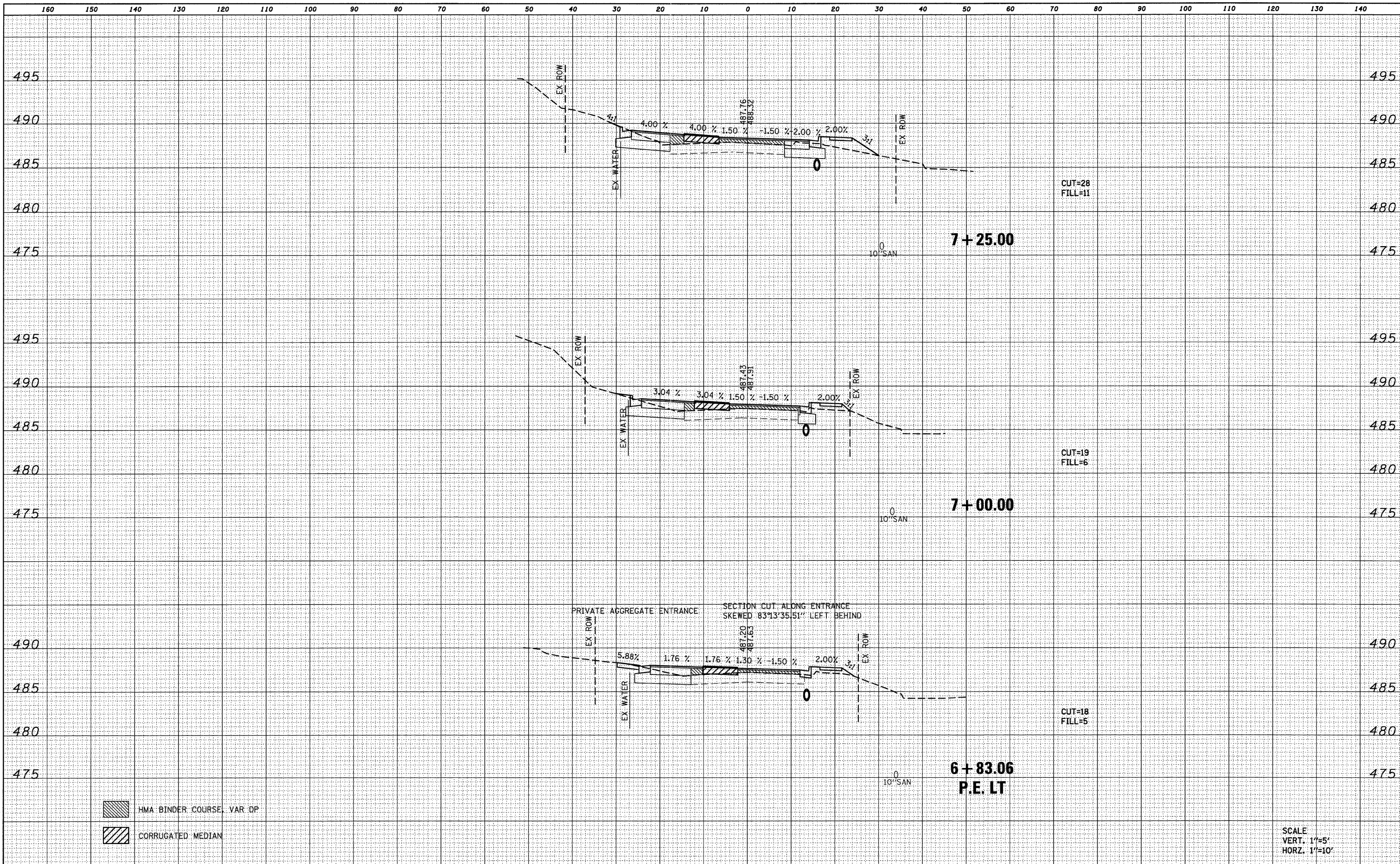


FILE NAME =	USER NAME = randy	DESIGNED - TLC	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS</b>				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DB28013-shr-xasht.dgn	PLOT TIME = 9:42:21 AM	DRAWN - RGV	REVISED -		SCALE:	SHEET NO. 2 OF 6 SHEETS	STA. 6+00.00	TO STA. 6+50.00	9302	08-00047-00-PV	MONROE	25	21
	PLOT SCALE = 10.0000 / IN.	CHECKED -	REVISED -		S MAIN ST RECONSTRUCTION CONTRACT NO. 97467								
	PLOT DATE = 7/28/2011	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



DATE	
BY	
SURVEYED	
PLOTTED	
DATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
DATE	
AREAS	
CHECKED	
NO.	

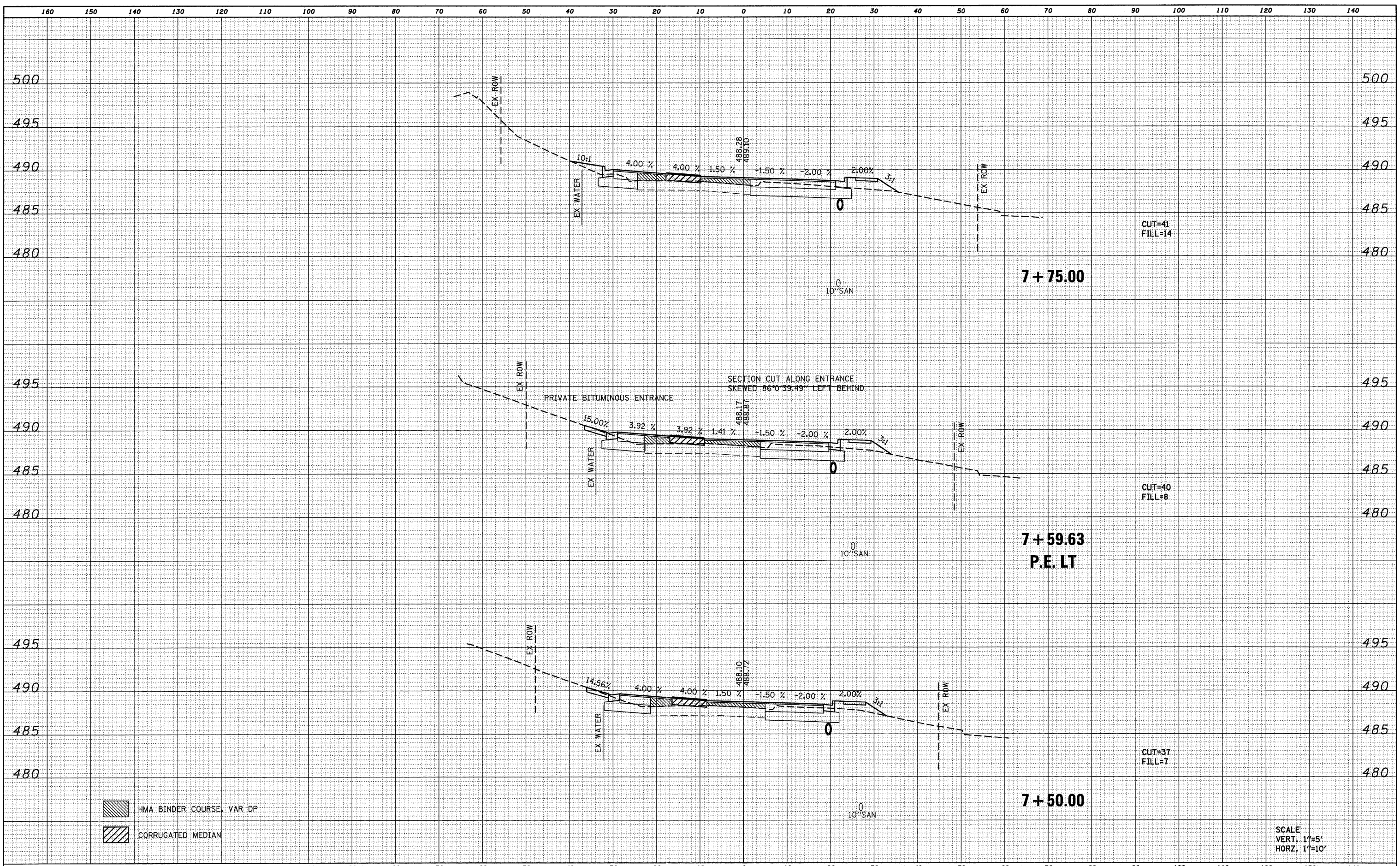


FILE NAME = D828013-shr-xasht.dgn	USER NAME = randy	DESIGNED - TLC	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS</b> SCALE: SHEET NO. 3 OF 6 SHEETS STA. 6+83.06 TO STA. 7+25.00	F.A.U. RTE. 9302	SECTION 08-00047-00-PV	COUNTY MONROE	TOTAL SHEETS 25	SHEET NO. 22	
	PLOT TIME = 9:42:21 AM	DRAWN - RGV	REVISED -			S MAIN ST RECONSTRUCTION		CONTRACT NO. 97467		ILLINOIS FED. AID PROJECT	
	PLOT SCALE = 10.0000' / IN.	CHECKED -	REVISED -								
	PLOT DATE = 7/28/2011	DATE -	REVISED -								



DATE	
BY	
SURVEYED	
PLOTTED	
DATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
DATE	
AREAS	
CHECKED	
NO.	

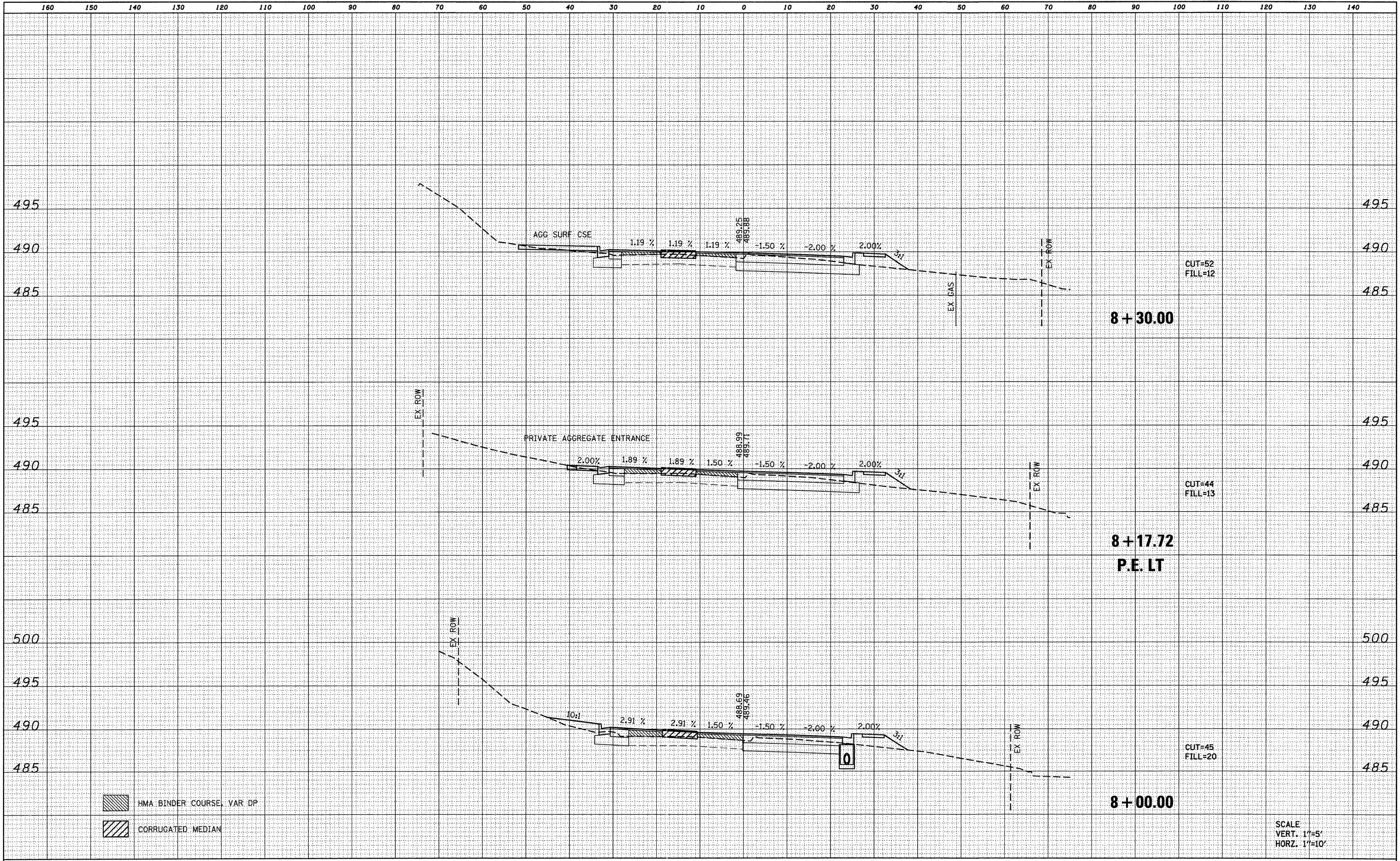


FILE NAME = D826013-ahtr-xasht.dgn	USER NAME = randy	DESIGNED - TLC	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS</b>			
	PLOT TIME = 9:42:22 AM	DRAWN - RGV	REVISED -		SCALE:	SHEET NO. 4 OF 6 SHEETS	STA. 7+50.00 TO STA. 7+75.00	F.A.U. RTE. 9302
	PLOT SCALE = 10.0000' / IN.	CHECKED -	REVISED -				SECTION 08-00047-00-PV	COUNTY MONROE
	PLOT DATE = 7/28/2011	DATE -	REVISED -				S MAIN ST RECONSTRUCTION	TOTAL SHEETS 25
							CONTRACT NO. 97467	SHEET NO. 23
								ILLINOIS FED. AID PROJECT



BY	DATE
SURVEYED	
PLOTTED	
IN DATE	
AREAS CHECKED	
NO.	

BY	DATE
SURVEYED	
PLOTTED	
IN DATE	
AREAS CHECKED	
NO.	

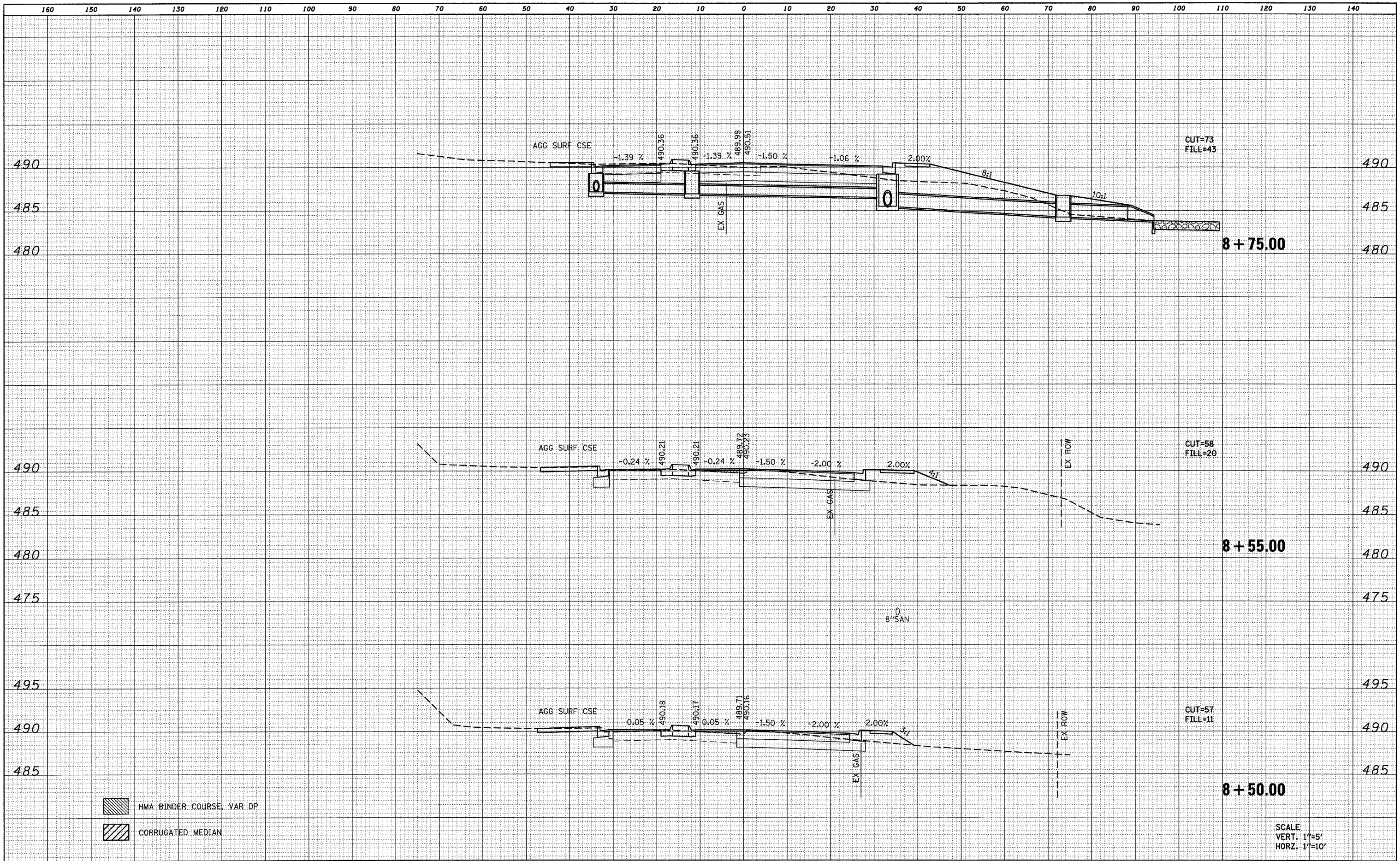


FILE NAME = D828013-shr-xssht.dgn	USER NAME = randy	DESIGNED - TLC	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS</b>				F.A.U. RTE. 9302	SECTION 08-00047-00-PV	COUNTY MONROE	TOTAL SHEETS 25	SHEET NO. 24
	PLOT TIME = 9:42:22 AM	DRAWN - RGV	REVISED -		SCALE:	SHEET NO. 5 OF 6 SHEETS	STA. 8+00.00	TO STA. 8+30.00	S MAIN ST RECONSTRUCTION CONTRACT NO. 97467				
	PLOT SCALE = 10.0000' / IN.	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT								
	PLOT DATE = 7/28/2011	DATE -	REVISED -										



DATE \_\_\_\_\_ BY \_\_\_\_\_  
 SURVEYED \_\_\_\_\_ PLOTTED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_ DATE \_\_\_\_\_  
 NO. \_\_\_\_\_ AREAS CHECKED \_\_\_\_\_

DATE \_\_\_\_\_ BY \_\_\_\_\_  
 SURVEYED \_\_\_\_\_ PLOTTED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_ DATE \_\_\_\_\_  
 NO. \_\_\_\_\_ AREAS CHECKED \_\_\_\_\_



HMA BINDER COURSE, VAR DP  
 CORRUGATED MEDIAN

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

FILE NAME = D828013-shr-xshht.dgn	USER NAME = randy	DESIGNED - TLC	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS</b>	F.A.U. RTE. 9302	SECTION 08-00047-00-PV	COUNTY MONROE	TOTAL SHEETS 25	SHEET NO. 25	
	PLOT TIME = 9:42:23 AM	DRAWN - RGV	REVISED -			SCALE: 1"=5' VERT. 1"=10' HORZ.	SHEET NO. 6 OF 6 SHEETS	STA. 8+50.00 TO STA. 8+75.00	CONTRACT NO. 97467		ILLINOIS FED. AID PROJECT
	PLOT SCALE = 10.0000 // IN.	CHECKED -	REVISED -								
	PLOT DATE = 7/28/2011	DATE -	REVISED -								