

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR INDEX OF HIGHWAY STANDARDS, SEE SHEET NO. 2

PROJECT LOCATED IN THE VILLAGE OF WINTHROP HARBOR

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED  
FEDERAL AID HIGHWAY

F.A.P. ROUTE 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)  
AND 7th STREET

STREETSCAPING AND STREET LIGHTING  
PROJECT No.: ARA-00D1(810)  
SECTION No.: 06-00036-00-LS  
JOB No: C-91-197-10  
VILLAGE OF WINTHROP HARBOR

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00036-00-LS	06-00036-00-LS	LAKE	70	1
STA. TO STA.				
FED. ROAD DIST. NO. 1 ILLINOIS FED AID PROJECT ARA-00D1(810)				
JOB NO. C-91-197-10				
F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD) CONTRACT No: 63167				



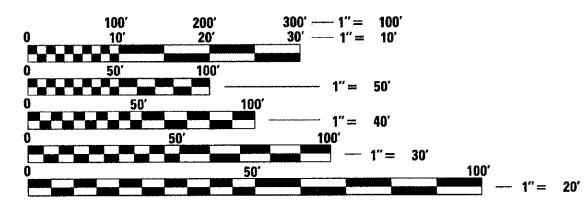
LOCATION OF SECTION INDICATED THUS: [Symbol]

PROJECT NUMBER: ARA-00D1(810)  
7th STREET  
BEGIN STREETSCAPE IMPROVEMENTS  
STA. 6+44

PROJECT NUMBER: ARA-00D1(810)  
F.A.P. ROUTE 352 ILLINOIS ROUTE 137  
(SHERIDAN ROAD)  
END STREETSCAPE IMPROVEMENTS  
STA. 54+74

DESIGN DESIGNATION  
F.A.P. ROUTE 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)  
1,120 (08) MINOR ARTERIAL, 3.16 (B-0)  
7TH STREET  
170 (08) LOCAL COLLECTOR, 0.5 (B-0)

TRAFFIC DATA  
SHERIDAN ROAD  
POSTED & DESIGN SPEED LIMIT = 30 MPH  
2008 ADT = 11,200  
7th STREET  
POSTED & DESIGN SPEED LIMIT = 25 MPH  
2008 ADT = 1,700



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.

JULIE, I.E. DESIGN STAGE REQUEST  
DIG. No. [ ]

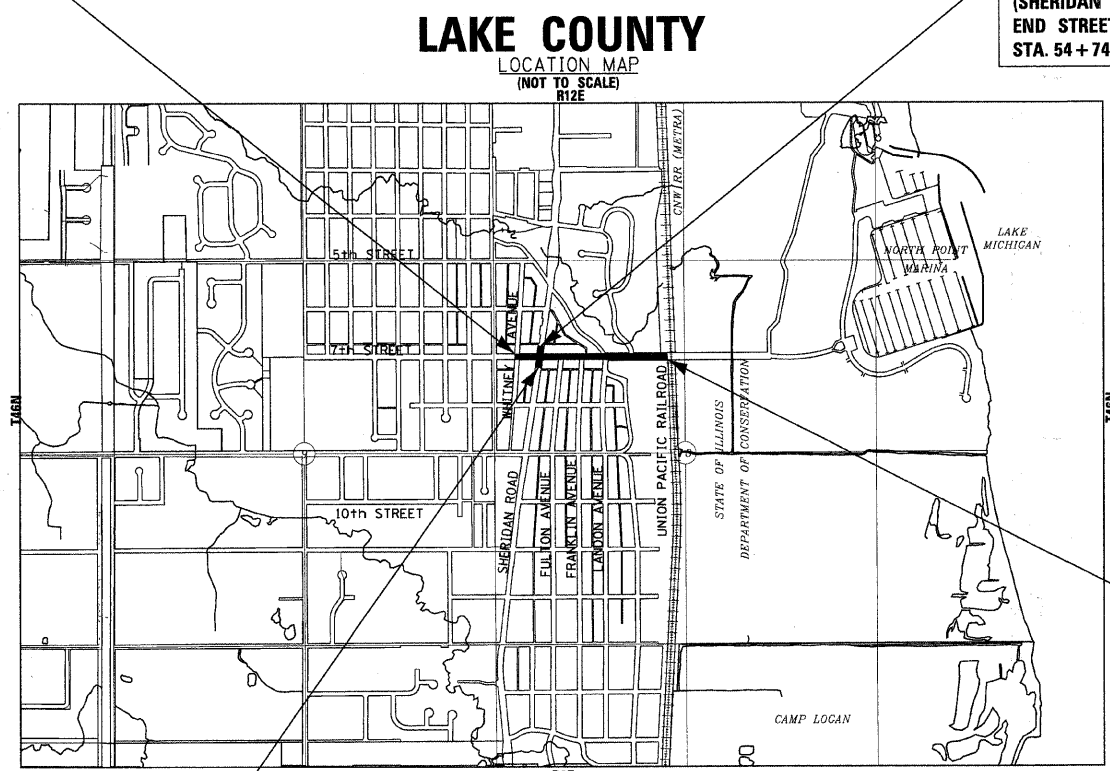
**Call Before You Dig**

**JULIE**  
ILLINOIS ONE-CALL SYSTEM

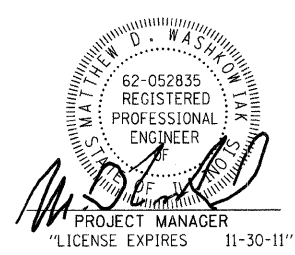
CONTACT JULIE AT 811 OR 800-892-0123 WITH THE FOLLOWING:  
COUNTY = LAKE  
CITY-TOWNSHIP = WINTHROP HARBOR-BENTON  
SEC. & 1/4 SEC. NO. = 10 NW 1/4  
48 HOURS (2 working days) BEFORE YOU DIG

PROJECT NUMBER: ARA-00D1(810)  
F.A.P. ROUTE 352 ILLINOIS ROUTE 137  
(SHERIDAN ROAD)  
BEGIN STREETSCAPE IMPROVEMENTS  
STA. 46+69

BENTON TOWNSHIP  
GROSS LENGTH OF IMPROVEMENT = 2,922 LF OR 0.553 MILES  
NET LENGTH OF IMPROVEMENT = 2,922 LF OR 0.553 MILES



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LICENSE NO. - 184-001121 - EXPIRES 4/30/2011



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

APPROVED: [Signature] OCT 15 2009  
VILLAGE OF WINTHROP HARBOR, MAYOR

PASSED: [Signature] DECEMBER 1, 2009  
DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW: [Signature] DECEMBER 1, 2009  
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

CONTRACT NO. 63167

Burlington, Wisconsin 262.763.7834 Chicago, Illinois 312.578.0050 Crystal Lake, Illinois 815.459.1260 DeKalb, Illinois 815.787.3111 Grayslake, Illinois 847.223.5088 Itasca, Illinois 630.773.1870 Madison, Wisconsin 608.347.1542 Mokena, Illinois 708.478.2090 Plainfield, Illinois 815.609.7425

(OFFICE WHICH PREPARED PLANS)

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LICENSE NO. 184-001121 - EXPIRES 4/30/2011  
11 WINTHROP HARBOR ILLINOIS 60109  
ASSOCIATE FIELD ENGINEER: KEVIN STALLWORTH, PE / 847-705-4169

## HIGHWAY STANDARDS

000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
420101-04	24' (7.2 m) JOINTED PCC PAVEMENT
420111-02	PCC PAVEMENT ROUNDOUTS
424001-05	CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
542401-01	METAL END SECTIONS FOR PIPE CULVERTS
602301-02	INLET - TYPE A
604001-03	FRAME AND LIDS TYPE 1
604021-02	BASE, FRAME AND LIDS TYPE 5
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701501-05	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701602-04	URBAN LANE CLOSURE, MULTILANE, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701606-06	URBAN LANE CLOSURE, MULTILANE, 2W, WITH MOUNTABLE MEDIAN
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-04	LANE CLOSURE, MULTILANE 1W OR 2W, CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS

## LEGEND

BW	BACK OF WALK
SB	SET BACK TO BACK OF CURB OR EDGE OF PAVEMENT
TTTTTT	BUTT JOINT

## BENCHMARKS

BM #1	SOUTHWEST BONNET BOLT ON FIRE HYDRANT ON NORTH SIDE OF 7th STREET AND FRANKLIN AVENUE - ELEV. 627.26
BM#2	SOUTH-SOUTHWEST BONNET BOLT ON FIRE HYDRANT APPROX. 250' EAST OF 7th STREET AND RAVINE DRIVE, SOUTH SIDE OF 7th STREET - ELEV. 598.65
BM#3	NORTH-NORTHWEST FLANGE BOLT ON FIRE HYDRANT AT NORTHEAST CORNER OF 7th STREET AND SHERIDAN ROAD - ELEV. 633.59
BM#4	WEST BONNET BOLT ON FIRE HYDRANT AT NORTHWEST CORNER OF 7th STREET AND WHITNEY AVENUE - ELEV. 636.05

## COMMITMENTS

NO COMMITMENTS ARE PROPOSED AT THIS TIME.

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19	PLAN AND PROFILE: 7th STREET STA. 9+00 TO STA. 13+50
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 LICENSE NO. 184-00121 - EXPIRES 4/30/2011  
 10/16/2009 10:58:49 PM \\winhr\060807\gen\notes\shp



DESIGNED - MWP	REVISED - IDOT REVIEW 2/19/09
DRAWN - CJC	REVISED - IDOT REVIEW 4/22/09
CHECKED - MDW	REVISED -
DATE - 8-1-08	FILE - 060807-gen_notes.shp

### VILLAGE OF WINTHROP HARBOR, ILLINOIS ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7th STREET STREETScape IMPROVEMENTS

### LEGEND, INDEX OF SHEETS, HIGHWAY STANDARDS, BENCHMARKS AND COMMITMENTS

SCALE: NONE

STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00036-00-LS	LAKE	70	2
FED. ROAD DIST. NO. 1		CONTRACT NO. 63167		
JOB NO. C-91-197-10		ILLINOIS FED. AID PROJECT ARA-00018101		

\* F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)

**GENERAL NOTES**

1. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE DETAILS IN THE PLANS, THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS, AND THE LATEST EDITION OF THE FOLLOWING STATE OF ILLINOIS SPECIFICATIONS: "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (REFERRED TO AS THE "STANDARD SPECIFICATIONS"), THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", THE "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS", THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", THE "MANUAL OF TEST PROCEDURES FOR MATERIALS" AND THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS".
2. THE LOCATIONS OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THE VILLAGE DOES NOT GUARANTEE THEIR ACCURACY. THE CONTRACTOR SHALL HAVE THE RESPECTIVE UTILITY COMPANIES FIELD LOCATE ALL THEIR FACILITIES PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL ALSO VERIFY THE DEPTHS OF THE EXISTING UTILITIES IF NECESSARY. ANY RELOCATION OR LOWERING OF UTILITIES SHALL BE COORDINATED BY THE CONTRACTOR.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES, INCLUDING SPRINKLER SYSTEMS EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY OR SPRINKLER SYSTEM THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE ENGINEER OR VILLAGE.
4. THE CONTRACTOR SHALL NOTIFY THE VILLAGE SUPERINTENDENT OF PUBLIC WORKS AT LEAST 48 HOURS IN ADVANCE OF BEGINNING WORK TO OBTAIN VILLAGE UTILITY LOCATIONS AND SHALL COORDINATE ALL CONSTRUCTION OPERATIONS WITH THE ENGINEER.
5. MATERIALS RESULTING FROM THE REMOVAL OF PAVEMENT, DRIVEWAYS, CURB AND GUTTER, HOT-MIX ASPHALT SURFACES, ETC. SHALL BE REMOVED AT THE END OF EACH DAY TO AN APPROVED SITE. IN THE JUDGMENT OF THE VILLAGE, SHOULD IT BE NECESSARY TO REMOVE SUCH MATERIALS, THE VILLAGE WILL HAVE THE MATERIAL REMOVED AND THE CONTRACTOR WILL BE BILLED (CHARGED) ACCORDINGLY.
6. THE CONTRACTOR MAY OBTAIN MUNICIPAL WATER IN BULK, AT NO CHARGE, AS LONG AS THERE IS NOT A "WATERING BAN" IN EFFECT. THE INDISCRIMINATE USE OF FIRE HYDRANTS IS STRICTLY PROHIBITED. WATER FOR CONSTRUCTION SHALL BE METERED OR OTHERWISE ACCOUNTED FOR AND A DAILY LOG MAINTAINED. THE CONTRACTOR SHALL PROVIDE THE WATER TRUCK AND DRIVER REQUIRED TO OBTAIN AND TRANSPORT THIS WATER. THE VILLAGE RESERVES THE RIGHT TO RESTRICT OR REFUSE THE USE OF VILLAGE WATER IF DEEMED NECESSARY.
7. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY RESIDENTS AND THE VILLAGE WHEN ACCESS TO THEIR DRIVEWAYS WILL BE TEMPORARILY CLOSED DUE TO CURB AND GUTTER AND/OR DRIVEWAY REPLACEMENT. THE CONTRACTOR SHALL DISTRIBUTE NOTICES PROVIDED BY THE VILLAGE TO RESIDENTS. EVERY EFFORT SHALL BE MADE TO ACCOMMODATE ACCESS TO THESE PROPERTIES INCLUDING KNOCKING ON DOORS WHEN DRIVEWAYS ARE ABOUT TO BE CLOSED.
8. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE OWNERS, HIS AGENT OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
9. ACCESS TO PRIVATE DRIVEWAYS SHALL BE PROVIDED AT ALL TIMES EXCEPT DURING ACTUAL CONSTRUCTION ADJACENT THERE TO. TEMPORARY RAMPS SHALL BE CONSTRUCTED AS NEEDED TO PROVIDE SUCH ACCESS, UTILIZING CRUSHED STONE OR CRUSHED GRAVEL.
10. ANY SIGNS OR MAILBOXES THAT ARE IN CONFLICT WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED AND REPLACED IN ACCORDANCE WITH VILLAGE STANDARDS AND INCLUDED IN THE PAY ITEM FOR COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (SPECIAL) OR COMBINATION CONCRETE CURB AND GUTTER, TYPE B.6-12 (SPECIAL). MAIL SERVICE SHALL BE MAINTAINED AT ALL TIMES.
11. EXISTING PAVEMENT, DRIVEWAY PAVEMENT, CURB AND GUTTER AND SIDEWALK TO REMAIN IN PLACE SHALL BE SAW CUT FULL DEPTH TO PROVIDE A NEAT VERTICAL FACE BETWEEN THE PROPOSED AND EXISTING AND SHALL BE INCLUDED IN THE PRICE OF THE APPROPRIATE REMOVAL PAY ITEM.
12. IN AREAS WHERE THE EXISTING DRIVEWAY, SIDEWALK, OR CURB AND GUTTER IS TO BE REMOVED AND REPLACED, THE REMOVAL AND DISPOSAL OF ANY ADDITIONAL MATERIAL REQUIRED TO ESTABLISH THE PROPOSED DRIVEWAY, SIDEWALK, OR CURB AND GUTTER SUBGRADE ELEVATION SHALL BE INCLUDED IN THE PAY ITEMS, DRIVEWAY PAVEMENT REMOVAL, SIDEWALK REMOVAL, COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (SPECIAL) OR COMBINATION CURB AND GUTTER REMOVAL.
13. THE CURB SHALL BE TAPERED TO THE GUTTER IN A FIVE (5) FOOT LENGTH WHEREVER THE CURB AND GUTTER TERMINATES, WITH AN EXPANSION JOINT PLACED AT THE START OF THE TAPER.
14. CURB AND GUTTER SHALL BE DEPRESSED AT DRIVEWAYS AND SIDEWALK RAMPS IN ACCORDANCE WITH THE IDOT HIGHWAY STANDARDS. SIDEWALK RAMPS FOR ACCESS FOR THE DISABLED SHALL BE PROVIDED AT THE PROPOSED CROSSWALKS IN ACCORDANCE WITH THE IDOT HIGHWAY STANDARDS OR AS DETERMINED BY THE ENGINEER.
15. THE FINISHED HOT-MIX ASPHALT SURFACE SHALL BE CONSTRUCTED 0.25 INCH ABOVE THE GUTTER FLAG.
16. THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE I OR TYPE II BARRICADE USED. ONE (1) WEIGHTED SANDBAG SHALL BE PLACED ACROSS EACH BOTTOM RAIL.
17. STAMPED COLORED PORTLAND CEMENT CONCRETE SIDEWALK SHALL BE THICKENED TO 6-INCHES AT LOCATIONS WHERE THE SIDEWALK CROSSES RESIDENTIAL DRIVEWAYS, 8-INCHES AT LOCATIONS WHERE THE SIDEWALK CROSSES COMMERCIAL DRIVEWAYS. TRANSVERSE EXPANSION JOINTS 3/4" SHALL BE PLACED EVERY 50 FEET OR AS DETERMINED BY THE ENGINEER. TRANSVERSE CONTRACTION JOINTS SHALL BE PLACED EVERY 5-FEET. PRIOR TO THE INSTALLATION OF BOTH JOINTS, THE CONTRACTOR SHALL RECEIVE APPROVAL FROM THE VILLAGE AND THE ENGINEER.

18. A 1/2-INCH THICK EXPANSION JOINT SHALL BE PROVIDED AT THE JUNCTION OF THE DRIVEWAY APRON AND CURB, AND AT THE JUNCTION OF THE DRIVEWAY APRON AND THE SIDEWALK. THIS WORK WILL BE INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT.
19. A PORTABLE BATHROOM(S) SHALL BE PLACED ON THE JOB SITE(S) AND RELOCATED WHEN NECESSARY SO IT IS ACCESSIBLE TO WORKERS. IF WORK IS OCCURRING AT SEVERAL LOCATIONS, ONE PORTABLE BATHROOM SHALL BE PLACED AT EACH LOCATION WITHIN A REASONABLE DISTANCE FROM THE WORK AS DETERMINED BY THE ENGINEER. THIS SHALL BE INCLUDED IN THE PAY ITEM FOR MOBILIZATION.
20. THE PRIME COAT APPLICATION RATE SHALL BE 0.1 GAL/SY. THE MC-30 PRIME COAT APPLICATION RATE SHALL BE 0.3 GAL/SY.
21. THE CONTRACTOR SHALL NOTIFY IDOT BUREAU OF MATERIALS (PHONE 847-705-4337) AT LEAST 24-HOURS PRIOR TO THE PLACEMENT OF HMA OR CONCRETE.
22. ALL AGGREGATE USED ON THIS PROJECT SHALL BE CRUSHED MATERIAL.
23. FOR STEEL BARS CERTIFICATION, PLEASE CONTACT IDOT BUREAU OF MATERIALS AT (847) 705-4361.
24. ALL POSTS, RAILROAD TIES, AND DECORATIVE TIMBER IN CONFLICT WITH THE PROPOSED IMPROVEMENTS SHALL BE REMOVED AND RELOCATED AS DETERMINED BY THE ENGINEER AT THE TIME OF CONSTRUCTION AND SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION. EVERY EFFORT SHALL BE MADE BY THE CONTRACTOR WHEN REMOVING THESE ITEMS TO PRESERVE THEM FROM HARM. ITEMS NOT RELOCATED SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR.
25. DECORATIVE LANDSCAPE POTS ARE LOCATED IN THE PARKWAY THROUGHOUT THE PROJECT LIMITS. UNLESS OTHERWISE DIRECTED BY THE VILLAGE, ALL DECORATIVE LANDSCAPE POTS SHALL BE DELIVERED TO THE VILLAGE PUBLIC WORKS FACILITY. THIS WORK SHALL BE INCLUDED IN THE PAY ITEM MOBILIZATION.
26. THE CONTRACTOR SHALL UTILIZE A MECHANICAL SWEEPER TO CLEAN STREETS AFFECTED BY CONTRACTORS OPERATIONS, INCLUDING HAUL ROUTES, AT LEAST TWICE A WEEK AND ADDITIONALLY AS DETERMINED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE PAY ITEM MOBILIZATION.
27. PRIOR TO CONSTRUCTION OF ANY PROPOSED UTILITIES, THE CONTRACTOR SHALL EXCAVATE AND LOCATE THE EXISTING UTILITIES TO VERIFY THEIR LOCATION, SIZE, AND DEPTH TO INSURE THAT GRADE CONFLICTS WILL NOT OCCUR. THE COST OF THIS EXPLORATION SHALL BE INCLUDED IN THE COST OF THE PROPOSED UTILITY CONSTRUCTION.
28. CONNECTION OF EXISTING OR PROPOSED STORM SEWER INTO EXISTING OR PROPOSED STORM SEWER OR STORM SEWER STRUCTURES SHALL BE INCLUDED IN THE PROPOSED PAY ITEM.
29. IF ANY STORM SEWER LATERALS ARE FOUND DURING CONSTRUCTION AND ARE NOT IDENTIFIED ON THE PLANS, THEY SHALL BE CONNECTED TO THE PROPOSED STORM SEWER SYSTEM AND INCLUDED IN THE COST OF THE PROPOSED PAY ITEM.
30. THE CONTRACTOR SHALL REPLACE ALL SIGNS REMOVED DURING CONSTRUCTION AS NEAR AS POSSIBLE TO THEIR ORIGINAL LOCATION OR AS DETERMINED BY THE ENGINEER. THE WORK SHALL BE INCLUDED IN THE PAY ITEM EARTH EXCAVATION.
31. LINE AND GRADE STAKES WILL BE SET ONE TIME BY THE SURVEYOR OR ENGINEER AT THE VILLAGE'S EXPENSE. THE CONTRACTOR SHALL NOTIFY THE SURVEYOR THAT STAKES WILL BE NEEDED AT LEAST 3 WORKING DAYS IN ADVANCE OF STARTING THEIR WORK (ADDITIONAL NOTIFICATION SHALL BE PROVIDED PRIOR TO THE START OF INITIAL PROJECT CONSTRUCTION OPERATIONS). ANY REQUIRED RESTAKING WILL BE PERFORMED BY THE SURVEYOR AT THE EXPENSE OF THE CONTRACTOR REQUIRING THE RESTAKING. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT STAKES PROVIDED FOR THEIR USE AND TO REPORT TO THE VILLAGE ANY SPECIFIC INSTANCES OF DAMAGED OR ALTERED STAKES AND/OR MONUMENTS PROVIDED.
32. WHENEVER, DURING CONSTRUCTION OPERATIONS, ANY LOOSE MATERIAL IS DEPOSITED ON THE FLOW LINE OF DITCHES, ETC. SUCH THAT THE NATURAL FLOW LINE OF WATER IS OBSTRUCTED, THIS LOOSE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY BY THE RESPONSIBLE PARTY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE SYSTEMS AND FLOW LINES SHALL BE FREE FROM DIRT AND DEBRIS. THIS WORK SHALL BE INCLUDED IN THE PROPOSED UTILITY CONSTRUCTION OR EARTH EXCAVATION PAY ITEM.
33. STORAGE OF CONSTRUCTION MATERIALS AND EQUIPMENT SHALL BE LIMITED TO THE LOCATION SHOWN ON THE PLANS UNLESS OTHERWISE APPROVED BY THE VILLAGE AND ENGINEER. STORAGE OF CONSTRUCTION MATERIALS AND EQUIPMENT SHALL NOT DAMAGE THE EXISTING CONSTRUCTION STORAGE AREA SURFACE AND THE STORAGE OF MATERIALS AND EQUIPMENT SHALL NOT OCCUR IN THE ACCESS DRIVEWAY. THE AREA SHALL BE SURROUNDED TO PREVENT ACCESS BY THE PUBLIC. THIS WORK SHALL BE INCLUDED IN THE PAY ITEM FOR MOBILIZATION. UPON REMOVAL OF ALL ITEMS FROM THE CONSTRUCTION STORAGE AREA, THE VILLAGE SHALL COMPLETE AN INSPECTION TO VERIFY THE EXISTING CONSTRUCTION STORAGE AREA SURFACE HAS NOT BEEN DAMAGED. SHOULD THE VILLAGE DEEM THE SURFACE DAMAGED, THE CONTRACTOR SHALL REPAIR THE AREA TO THE SATISFACTION OF THE VILLAGE WITH NO ADDITIONAL COMPENSATION.
34. FOR RELOCATION OF EXISTING FIRE HYDRANT THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", LATEST EDITION, SHALL GOVERN.
35. IMPROVEMENTS IN THE VICINITY OF THE UNION PACIFIC RAILROAD AND METRA RIGHT-OF-WAY WILL BE COMPLETED WITHIN THE 7TH STREET RIGHT-OF-WAY. NO ACCESS TO UNION PACIFIC RAILROAD OR METRA RIGHT-OF-WAY IS ALLOWED.
36. FRAME AND GRATES OR LIDS THAT ARE REPLACED AS PART OF ADJUSTMENT OR REMOVED AS PART OF STRUCTURE REPLACEMENT SHALL BE DELIVERED TO THE VILLAGE PUBLIC WORKS FACILITY. THIS WORK SHALL BE INCLUDED IN THE STRUCTURE ADJUSTMENT OR STRUCTURE PAY ITEM.

THE ILLINOIS ROUTE 137 RESURFACING PROJECT WILL BE OCCURRING AT THE SAME TIME AS THIS PROJECT, NORTH AND SOUTH ALONG THE ILLINOIS ROUTE 137 CORRIDOR. THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITIES, EROSION CONTROL, SCHEDULES, AND TRAFFIC CONTROL WITH THE ILLINOIS ROUTE 137 CONTRACTOR.

DESIGNED BY: BAKER & WOODMAN, INC.  
 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM  
 LICENSE NO. 184-00021 - EXPIRES 4/30/2011  
 PROJECT NO. 060807-GEN-NO+ES-17  
 DATE: 08/15/2009



DESIGNED - MWP	REVISED - IDOT REVIEW 2/19/09
DRAWN - CJC	REVISED - IDOT REVIEW 4/22/09
CHECKED - MDW	REVISED -
DATE - 8-1-08	FILE - 060807-gen_no+es.shx

**VILLAGE OF WINTHROP HARBOR, ILLINOIS  
ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7th STREET  
STREETScape IMPROVEMENTS**

**GENERAL NOTES**

SCALE: NONE STA. TO STA.

* F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00036-00-LS	LAKE	70	3
FED. ROAD DIST. NO. 1			CONTRACT NO. 63167	
JOB NO. C-91-197-10	ILLINOIS FED. AID PROJECT ARA-0001(810)			

# SUMMARY OF QUANTITIES

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE			
				ROADWAY I000-1A	LANDSCAPING Y003	HIGHWAY ILLUMINATION Y030-1E	NON-PARTICIPATING
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	7	7	-	-	-
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	30	30	-	-	-
20101100	TREE TRUNK PROTECTION	EACH	3	3	-	-	-
20101200	TREE ROOT PRUNING	EACH	3	3	-	-	-
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	1	1	-	-	-
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	4	4	-	-	-
20200100	EARTH EXCAVATION	CU YD	1,040	1,040	-	-	-
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	417	417	-	-	-
20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	417	417	-	-	-
20800150	TRENCH BACKFILL	CU YD	58	58	-	-	-
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	5,680	-	5,680	-	-
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	109	-	109	-	-
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	109	-	109	-	-
25100105	MULCH, METHOD 1	ACRE	1	-	1	-	-
25200110	SODDING, SALT TOLERANT	SQ YD	5,680	-	5,680	-	-
25200200	SUPPLEMENTAL WATERING	UNIT	90	-	90	-	-
* 25300500	TOPSOIL FOR PLANTING	CU YD	580	-	580	-	-
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	121	121	-	-	-
28000305	TEMPORARY DITCH CHECKS	FOOT	140	140	-	-	-
28000400	PERIMETER EROSION BARRIER	FOOT	2,660	2,660	-	-	-
28000510	INLET FILTERS	EACH	22	22	-	-	-
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	5,700	5,700	-	-	-
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	550	550	-	-	-
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	720	511	-	-	209
40600300	AGGREGATE (PRIME COAT)	TON	17	12	-	-	5
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	260	-	-	-	260
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	19	19	-	-	-
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	368	368	-	-	-
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	144	99	-	-	45
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	140	-	-	-	140

\* INDICATES SPECIALTY ITEM

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DATE - 8-1-08	REVISED - IDOT REVIEW 11/17/09

**VILLAGE OF WINTHROP HARBOR, ILLINOIS**  
**ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7th STREET**  
**STREETSCAPE IMPROVEMENTS**

**SUMMARY OF QUANTITIES**

SCALE: NONE

STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	06-00036-00-LS	LAKE	70	4
FED. ROAD DIST. NO. 1		CONTRACT NO. 63167		
JOB NO. C-91-197-10		ILLINOIS FED. AID PROJECT ARA-0001810		

\* F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)



## SUMMARY OF QUANTITIES

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE			
				ROADWAY I000-1A	LANDSCAPING Y003	HIGHWAY ILLUMINATION Y030-1E	NON-PARTICIPATING
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	278	278	-	-	-
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	204	204	-	-	-
42400800	DETECTABLE WARNINGS	SQ FT	580	580	-	-	-
44000100	PAVEMENT REMOVAL	SQ YD	890	890	-	-	-
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	2,090	-	-	-	2,090
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1,158	1,158	-	-	-
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	264	264	-	-	-
44000600	SIDEWALK REMOVAL	SQ FT	25,171	25,171	-	-	-
44002218	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 4 1/2"	SQ YD	55	55	-	-	-
44002222	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 5 1/2"	SQ YD	8	8	-	-	-
50105220	PIPE CULVERT REMOVAL	FOOT	56	56	-	-	-
54200637	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 12"	FOOT	15	15	-	-	-
54200640	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 15"	FOOT	41	41	-	-	-
54213867	STEEL END SECTIONS 12"	EACH	2	2	-	-	-
54213870	STEEL END SECTIONS 15"	EACH	2	2	-	-	-
* 56400100	FIRE HYDRANTS TO BE MOVED	EACH	1	1	-	-	-
56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	6	6	-	-	-
60109510	PIPE UNDERDRAINS, FABRIC LINED TRENCH 4"	FOOT	400	400	-	-	-
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	1	1	-	-	-
60250200	CATCH BASINS TO BE ADJUSTED	EACH	4	4	-	-	-
60255500	MANHOLES TO BE ADJUSTED	EACH	3	3	-	-	-
60256200	MANHOLES TO BE ADJUSTED WITH NEW TYPE 5 FRAME, CLOSED LID	EACH	2	2	-	-	-
60260100	INLETS TO BE ADJUSTED	EACH	2	2	-	-	-
60260300	INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	2	2	-	-	-
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	1	1	-	-	-
60266000	VALVE VAULTS TO BE ADJUSTED WITH NEW TYPE 5 FRAME, CLOSED LID	EACH	1	1	-	-	-
60266600	VALVE BOXES TO BE ADJUSTED	EACH	1	1	-	-	-
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	3	3	-	-	-
60500060	REMOVING INLETS	EACH	1	1	-	-	-
60600605	CONCRETE CURB, TYPE B	FOOT	257	257	-	-	-

\* INDICATES SPECIALTY ITEM

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**VILLAGE OF WINTHROP HARBOR, ILLINOIS**  
**ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7th STREET**  
**STREETSCAPE IMPROVEMENTS**

**SUMMARY OF QUANTITIES**

SCALE: NONE

STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00036-00-LS	LAKE	70	5
FED. ROAD DIST. NO. 1		CONTRACT NO. 63167		
JOB NO. C-91-197-10		ILLINOIS FED. AID PROJECT ARA-0001810		

F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)



# SUMMARY OF QUANTITIES

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE			
				ROADWAY I000-1A	LANDSCAPING Y003	HIGHWAY ILLUMINATION Y030-1E	NON-PARTICIPATING
* A2000120	TREE, ACER X FREEMANII AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	6	-	6	-	-
* A2000220	TREE, ACER X FREEMANII MARMO (MARMO FREEMAN MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	13	-	13	-	-
* A2004620	TREE, GLEDITSIA TRIACANTHOS INERMIS (THORNLESS COMMON HONEYLOCUST), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	11	-	11	-	-
* A2005020	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	7	-	7	-	-
* A2018720	TREE, ULMUS CARPINIFOLIA MORTON, (ACCOLADE ELM), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	2	-	2	-	-
* C2003424	SHRUB, HYDRANGEA ARBORESCENS ANNABELLE (ANNABELLE SMOOTH HYDRANGEA), 2' HEIGHT BALLED AND BURLAPPED	EACH	9	-	9	-	-
* D2000718	EVERGREEN, JUNIPERUS CHINENSIS VAR. SARGENTII VIVIDIS (GREEN SARGENT JUNIPER), 1-1/2' WIDTH, BALLED AND BURLAPPED	EACH	24	-	24	-	-
* D2000918	EVERGREEN, JUNIPERUS HORIZONTALIS HUGHES (HUGHES CREEPING JUNIPER), 18" WIDTH, BALLED AND BURLAPPED	EACH	8	-	8	-	-
XX000717	STORM SEWER CONNECTION, SPECIAL	EACH	3	3	-	-	-
X8780105	CONCRETE FOUNDATION SPECIAL	EACH	3	3	-	-	-
XX004951	CONCRETE STAIRS	LSUM	1	1	-	-	-
* A2007122	TREE, QUERCUS RUBRA (RED OAK), 3" CALIPER, BALLED AND BURLAPPED	EACH	12	-	12	-	-
XX005425	LANDSCAPE BOLLARDS	EACH	101	-	101	-	-
XX005878	CAST IRON TREE GRATES	EACH	5	-	5	-	-
XX006618	CLASS D PATCHES, 14" (SPECIAL)	SQ YD	66	66	-	-	-
* XX007164	CLEAN AND RELAMP EXISTING LUMINAIRE	EACH	2	-	-	2	-
* 25400100	PERENNIAL PLANTS	UNIT	8	-	8	-	-
X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	338	338	-	-	-
X0323045	STONE OUTCROPPING	SQ FT	245	-	245	-	-
* X0323574	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	4	-	-	4	-
* X0325713	GROUND ROD	EACH	39	-	-	39	-
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	14	14	-	-	-
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	16	16	-	-	-
XX008257	STAMPED COLORED PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	31,890	31,890	-	-	-
XX008258	STAMPED COLORED PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	558	558	-	-	-
XX008259	STAMPED COLORED PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	2,520	2,520	-	-	-
XX008260	STAMPED COLORED PORTLAND CEMENT CONCRETE CROSSWALK 18 INCH	SQ FT	1,656	1,656	-	-	-
XX008261	PRELIMINARY TEST STRIP	SQ FT	500	500	-	-	-
XX008263	PORTLAND CEMENT CONCRETE PLATFORM (SPECIAL)	SQ FT	140	140	-	-	-

\* INDICATES SPECIALTY ITEM

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DATE - 8-1-08	REVISED - IDOT REVIEW 11/17/09

## VILLAGE OF WINTHROP HARBOR, ILLINOIS ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7th STREET STREETScape IMPROVEMENTS

### SUMMARY OF QUANTITIES

SCALE: NONE

STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00036-00-LS	LAKE	70	7
FED. ROAD DIST. NO. 1			CONTRACT NO. 63167	
JOB NO. C-91-197-10 ILLINOIS FED. AID PROJECT ARA-00018101				

\* F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)

# SUMMARY OF QUANTITIES

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE			
				ROADWAY I000-1A	LANDSCAPING Y003	HIGHWAY ILLUMINATION Y030-1E	NON-PARTICIPATING
XX008262	PORTLAND CEMENT CONCRETE PAD (SPECIAL)	SQ FT	80	80	-	-	-
XX008264	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (SPECIAL)	FOOT	1,314	1,314	-	-	-
* X0326654	ORNAMENTAL LIGHT UNIT COMPLETE	EACH	26	-	-	26	-
* XX008265	TRANSITION STREET LIGHTING	EACH	12	-	-	12	-
* XX008266	WOOD DECKING (SPECIAL)	SQ FT	60	60	-	-	-
* XX008268	DECORATIVE GATEWAY ELEMENT	EACH	1	1	-	-	-
		-	-	-	-	-	-
		-	-	-	-	-	-
* XX008269	WAYFINDING SIGN	EACH	1	1	-	-	-
		-	-	-	-	-	-
* XX007924	BANNERS	EACH	80	-	-	-	80
* XX008270	BANNER ARMS	EACH	160	-	-	-	160

\* INDICATES SPECIALTY ITEM

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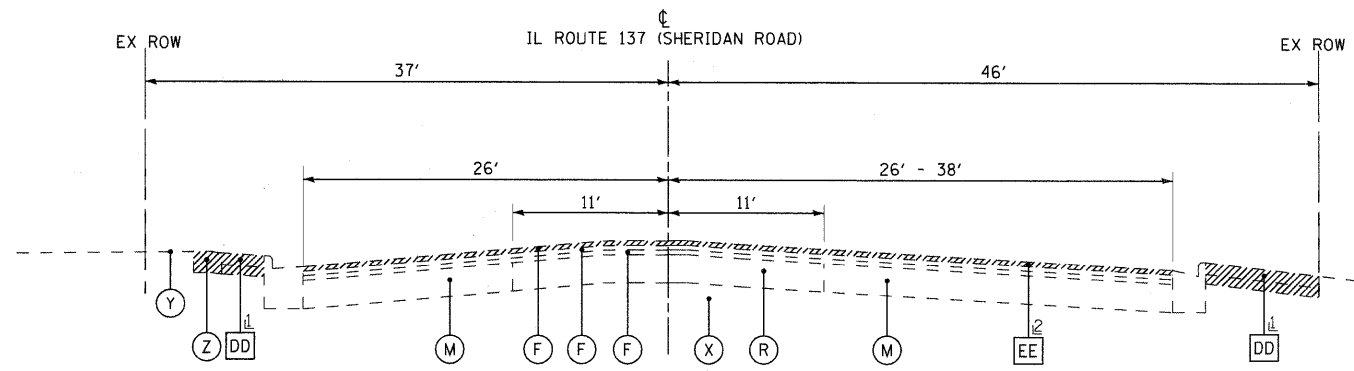
**VILLAGE OF WINTHROP HARBOR, ILLINOIS  
ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7th STREET  
STREETSCAPE IMPROVEMENTS**

**SUMMARY OF QUANTITIES**

SCALE: NONE STA. TO STA.

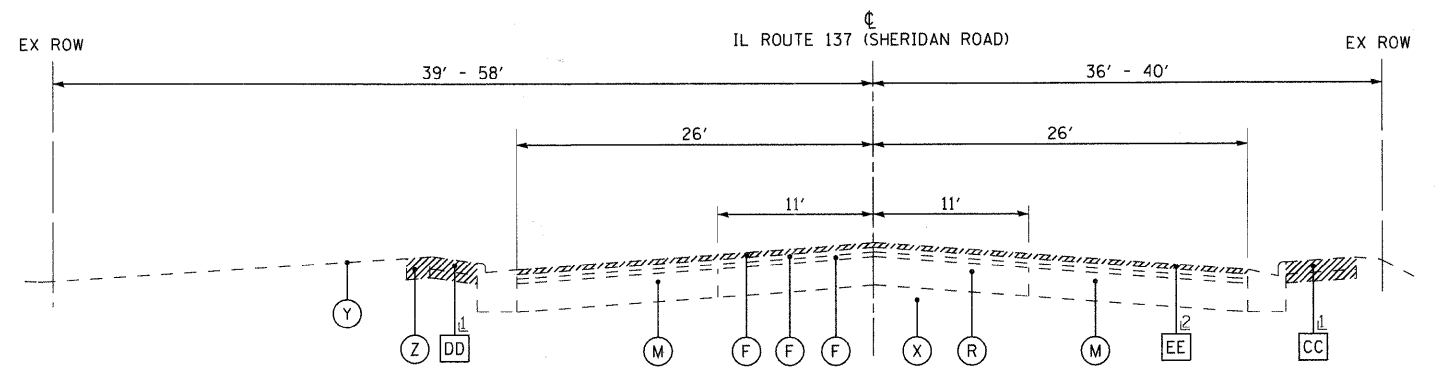
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00036-00-LS	LAKE	70	8
FED. ROAD DIST. NO. 1		CONTRACT NO. 63167		
JOB NO. C-91-197-10		ILLINOIS FED. AID PROJECT ARA-00018101		

\* F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)



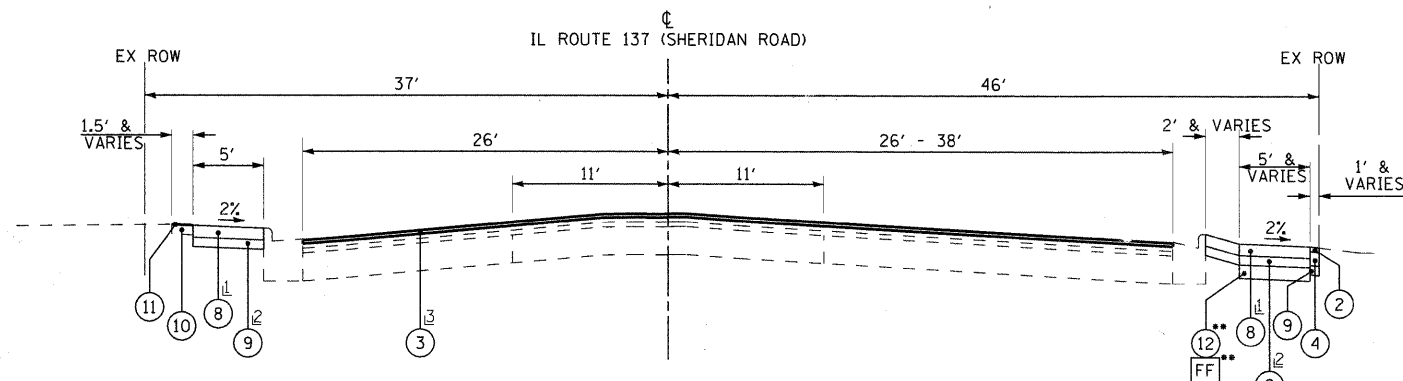
**EXISTING TYPICAL SECTION  
ILLINOIS ROUTE 137 (SHERIDAN ROAD)  
(NOT TO SCALE)  
STA. 46+69 TO STA. 50+00**

1 AGGREGATE BASE COURSE REMOVAL INCLUDED IN SIDEWALK REMOVAL  
2 STA. 49+10 TO STA. 50+00



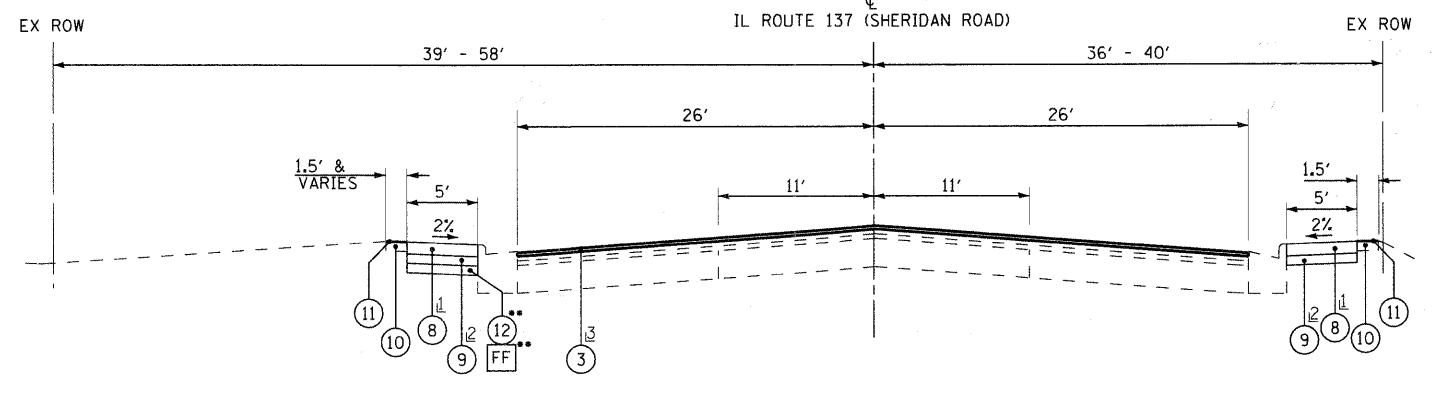
**EXISTING TYPICAL SECTION  
ILLINOIS ROUTE 137 (SHERIDAN ROAD)  
(NOT TO SCALE)  
STA. 50+00 TO STA. 54+74**

1 AGGREGATE BASE COURSE REMOVAL INCLUDED IN SIDEWALK REMOVAL  
2 STA. 50+00 TO STA. 50+80



**PROPOSED TYPICAL SECTION  
ILLINOIS ROUTE 137 (SHERIDAN ROAD)  
(NOT TO SCALE)  
STA. 46+69 TO STA. 50+00**

1 6 INCH IN RESIDENTIAL DRIVEWAYS  
8 INCH IN COMMERCIAL DRIVEWAYS  
2 4 INCH IN RESIDENTIAL DRIVEWAYS  
6 INCH IN COMMERCIAL DRIVEWAYS  
3 STA. 49+10 TO STA. 50+00



**PROPOSED TYPICAL SECTION  
ILLINOIS ROUTE 137 (SHERIDAN ROAD)  
(NOT TO SCALE)  
STA. 50+00 TO STA. 54+74**

1 6 INCH IN RESIDENTIAL DRIVEWAYS  
8 INCH IN COMMERCIAL DRIVEWAYS  
2 4 INCH IN RESIDENTIAL DRIVEWAYS  
6 INCH IN COMMERCIAL DRIVEWAYS  
3 STA. 50+00 TO STA. 50+80

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

MIXTURE TYPE	AIR VOIDS @ Ndes
<b>FULL DEPTH PAVEMENT</b>	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50; (IL 9.5mm); 2"	4% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL 19mm, N50; 8"	4% @ 50 GYR.
<b>RESURFACING</b>	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50; (IL 9.5mm); 1 1/2"	4% @ 50 GYR.
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70; (IL 9.5mm); 1 1/2"	4% @ 70 GYR.
<b>DRIVEWAYS (AND REPLACEMENT PAVEMENT LOCATED BEHIND BACK OF CURB)</b>	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5mm); 2"	4% @ 50 GYR.
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL 19mm); CE - 8" (PAID FOR AS HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50)	4% @ 50 GYR.
<b>CURB AND GUTTER (REPLACEMENT PAVEMENT IN FRONT OF CURB)</b>	
(PAID FOR AS CONCRETE CURB, TYPE B OR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL) OR COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (SPECIAL) (PENDING LOCATION)	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50; (IL 9.5mm); 2 1/2"	4% @ 50 GYR.
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70; (IL 9.5mm); 2 1/2"	4% @ 70 GYR.
<b>PATCHING</b>	
CLASS D PATCHES (HMA BINDER IL-19 mm) 14" (SPECIAL);	4% @ 70 GYR.
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES (HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50; (IL 9.5mm); 4 1/2" - 5 1/2")	4% @ 50 GYR.

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ. YD./IN

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

\*\* POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSUITABLE OR UNSTABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.03 AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

**EXISTING LEGEND**

- (A) HOT-MIX ASPHALT SURFACE COURSE, 1 1/4"
- (B) HOT-MIX ASPHALT SURFACE COURSE, 1"
- (C) HOT-MIX ASPHALT SURFACE COURSE, 1 3/4"
- (D) HOT-MIX ASPHALT SURFACE COURSE, 1 1/2"
- (E) HOT-MIX ASPHALT SURFACE COURSE, 3/4"
- (F) HOT-MIX ASPHALT SURFACE COURSE, 2"
- (G) HOT-MIX ASPHALT BINDER COURSE, 1 1/2"
- (H) HOT-MIX ASPHALT BINDER COURSE, 1 1/4"
- (J) HOT-MIX ASPHALT BINDER COURSE, 4 3/4"
- (K) HOT-MIX ASPHALT BINDER COURSE, 3"
- (L) BITUMINOUS STABILIZED GRANULAR MATERIAL, 1 1/4"
- (M) HOT-MIX ASPHALT PAVEMENT
- (N) PORTLAND CEMENT CONCRETE BASE COURSE, 7 1/4"
- (O) PORTLAND CEMENT CONCRETE BASE COURSE, 8 1/4" - 9 3/4"

**EXISTING LEGEND (CONTD.)**

- (P) PORTLAND CEMENT CONCRETE BASE COURSE, 9 1/4"
- (R) PORTLAND CEMENT CONCRETE PAVEMENT
- (S) BROWN SAND AND GRAVEL, 5 3/4"
- (T) AGGREGATE BASE COURSE, 3" - 7 1/2"
- (U) AGGREGATE BASE COURSE, 4 1/2" - 12 1/4"
- (V) AGGREGATE SHOULDER
- (W) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (X) EXISTING SUB-GRADE
- (Y) GROUND SURFACE
- (Z) EARTH EXCAVATION
- AA COMBINATION CURB AND GUTTER REMOVAL
- BB COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (SPECIAL)
- CC SIDEWALK REMOVAL
- DD HOT-MIX ASPHALT REMOVAL (PAID FOR AS SIDEWALK REMOVAL)
- EE HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- FF REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS \*\*
- ITEM TO BE REMOVED

**PROPOSED LEGEND**

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 - 1 1/2"
- (2) HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 - 2"
- (3) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 - 1 1/2"
- (4) HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50 - 8"
- (5) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)
- (6) COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (SPECIAL)
- (7) CONCRETE CURB, TYPE B
- (8) STAMPED COLORED PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (9) AGGREGATE BASE COURSE, TYPE B - 4"
- (10) TOPSOIL, FURNISH AND PLACE 4"
- (11) SODDING, SALT TOLERANT
- (12) POROUS GRANULAR EMBANKMENT, SUBGRADE\*\* (AS DETERMINED BY THE ENGINEER) - 6" MIN

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 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM  
 LICENSE NO. - 184-00121, EXPIRES 4/30/2011  
 PROJECT NO. - 06-00036-00-LS  
 DATE - 8/1-08



DESIGNED - WWP	REVISED - IDOT REVIEW 2/19/09
DRAWN - CJC	REVISED - IDOT REVIEW 4/22/09
CHECKED - MDW	REVISED -
DATE - 8-1-08	FILE - 060807+typ.sht

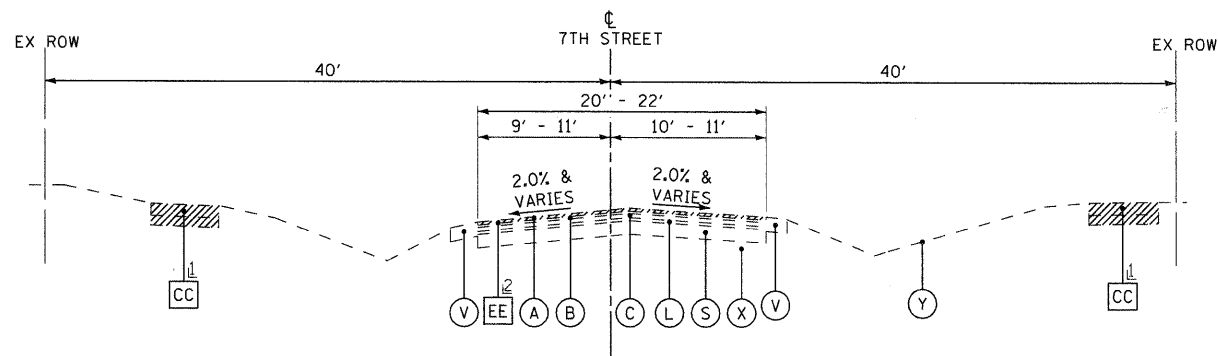
**VILLAGE OF WINTHROP HARBOR, ILLINOIS  
ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7th STREET  
STREETScape IMPROVEMENTS**

**TYPICAL SECTIONS AND  
HMA MIXTURE REQUIREMENTS**

SCALE: NONE TO STA. TO STA.

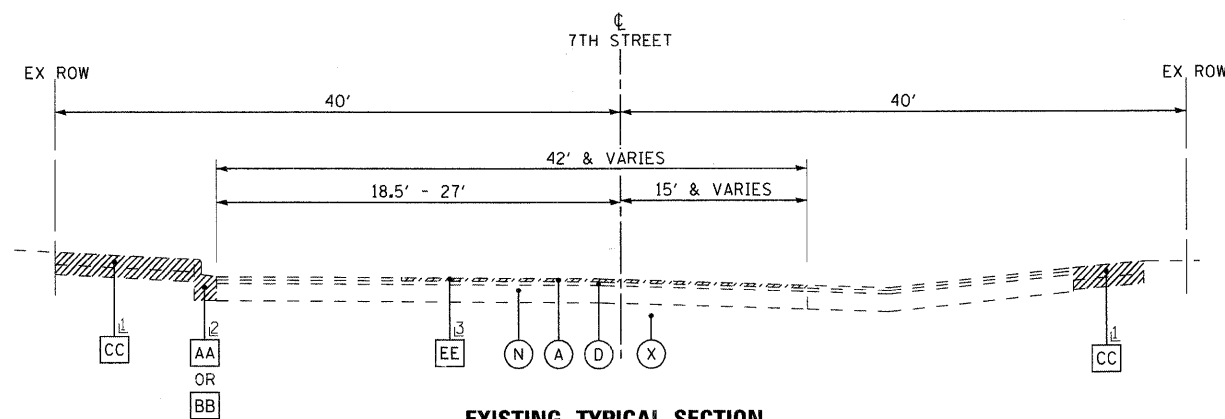
F.A.P. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00036-00-LS	LAKE	70	9
FED. ROAD DIST. NO. 1	CONTRACT NO. 63167		
JOB NO. C-91-197-10	ILLINOIS FED. AID PROJECT ARA-0001810		





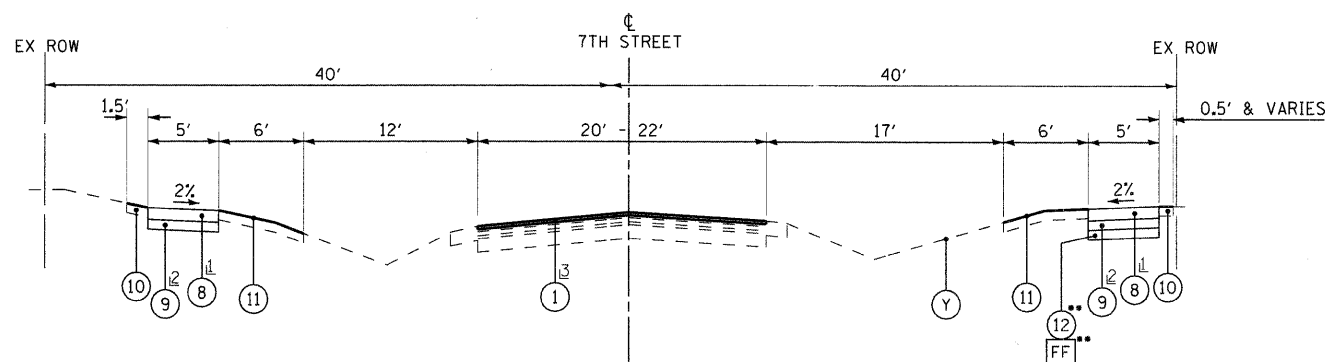
**EXISTING TYPICAL SECTION**  
**7TH STREET**  
 (NOT TO SCALE)  
 STA. 6+44 TO STA. 10+00

- 1 AGGREGATE BASE COURSE REMOVAL INCLUDED IN SIDEWALK REMOVAL
- 2 STA. 9+10 TO STA. 9+50



**EXISTING TYPICAL SECTION**  
**7TH STREET**  
 (NOT TO SCALE)  
 STA. 10+00 TO STA. 13+18

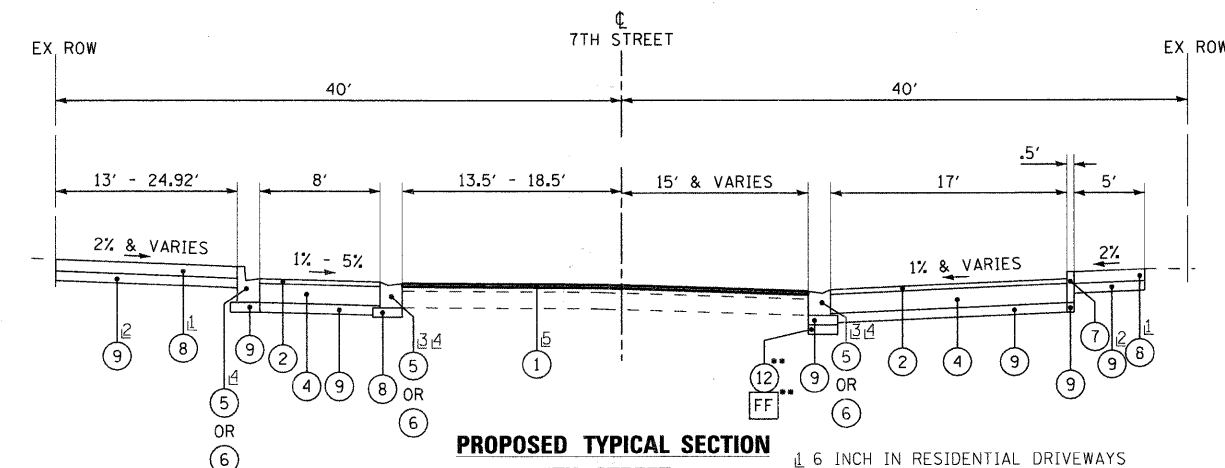
- 1 AGGREGATE BASE COURSE REMOVAL INCLUDED IN SIDEWALK REMOVAL
- 2 STA. 11+16 TO STA. 13+18
- 3 STA. 10+62 TO STA. 11+00



**PROPOSED TYPICAL SECTION**  
**7TH STREET**  
 (NOT TO SCALE)  
 STA. 6+44 TO STA. 10+00

- 1 6 INCH IN RESIDENTIAL DRIVEWAYS
- 2 8 INCH IN COMMERCIAL DRIVEWAYS
- 3 4 INCH IN RESIDENTIAL DRIVEWAYS
- 4 6 INCH IN COMMERCIAL DRIVEWAYS
- 5 STA. 9+10 TO STA. 9+50

•• POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSUITABLE OR UNSTABLE. THE ACTUAL NEED FOR REMOVAL, AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.03 AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.



**PROPOSED TYPICAL SECTION**  
**7TH STREET**  
 (NOT TO SCALE)  
 STA. 10+00 TO STA. 13+18

- 1 6 INCH IN RESIDENTIAL DRIVEWAYS
- 2 8 INCH IN COMMERCIAL DRIVEWAYS
- 3 4 INCH IN RESIDENTIAL DRIVEWAYS
- 4 6 INCH IN COMMERCIAL DRIVEWAYS
- 5 DEPRESSED CURB
- 6 STA. 11+16 TO STA. 13+18
- 7 STA. 10+62 TO STA. 11+00

**EXISTING LEGEND**

- (A) HOT-MIX ASPHALT SURFACE COURSE, 1 1/4"
- (B) HOT-MIX ASPHALT SURFACE COURSE, 1"
- (C) HOT-MIX ASPHALT SURFACE COURSE, 1 3/4"
- (D) HOT-MIX ASPHALT SURFACE COURSE, 1 1/2"
- (E) HOT-MIX ASPHALT SURFACE COURSE, 3/4"
- (F) HOT-MIX ASPHALT SURFACE COURSE, 2"
- (G) HOT-MIX ASPHALT BINDER COURSE, 1 1/2"
- (H) HOT-MIX ASPHALT BINDER COURSE, 1 1/4"
- (J) HOT-MIX ASPHALT BINDER COURSE, 4 3/4"
- (K) HOT-MIX ASPHALT BINDER COURSE, 3"
- (L) BITUMINOUS STABILIZED GRANULAR MATERIAL, 1 1/4"
- (M) HOT-MIX ASPHALT PAVEMENT
- (N) PORTLAND CEMENT CONCRETE BASE COURSE, 7 1/4"
- (O) PORTLAND CEMENT CONCRETE BASE COURSE, 8 1/4" - 9 3/4"

**EXISTING LEGEND (CONTD.)**

- (P) PORTLAND CEMENT CONCRETE BASE COURSE, 9 1/4"
- (R) PORTLAND CEMENT CONCRETE PAVEMENT
- (S) BROWN SAND AND GRAVEL, 5 3/4"
- (T) AGGREGATE BASE COURSE, 3" - 7 1/2"
- (U) AGGREGATE BASE COURSE, 4 1/2" - 12 1/4"
- (V) AGGREGATE SHOULDER
- (W) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (X) EXISTING SUB-GRADE
- (Y) GROUND SURFACE
- (Z) EARTH EXCAVATION
- AA COMBINATION CURB AND GUTTER REMOVAL
- BB COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (SPECIAL)
- CC SIDEWALK REMOVAL
- DD HOT-MIX ASPHALT REMOVAL (PAID FOR AS SIDEWALK REMOVAL)
- EE HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- FF REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS ••
- ITEM TO BE REMOVED

**PROPOSED LEGEND**

- 1 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 - 1 1/2"
- 2 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 - 2"
- 3 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 - 1 1/2"
- 4 HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50 - 8"
- 5 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)
- 6 COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (SPECIAL)
- 7 CONCRETE CURB, TYPE B
- 8 STAMPED COLORED PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- 9 AGGREGATE BASE COURSE, TYPE B - 4"
- 10 TOPSOIL, FURNISH AND PLACE 4"
- 11 SODDING, SALT TOLERANT
- 12 POROUS GRANULAR EMBANKMENT, SUBGRADE •• (AS DETERMINED BY THE ENGINEER) - 6" MIN

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DESIGNED - MWP	REVISED - IDOT REVIEW 2/19/09
DRAWN - CJC	REVISED - IDOT REVIEW 4/22/09
CHECKED - MDW	REVISED -
DATE - 8-1-08	FILE - 060807-1yp.sht

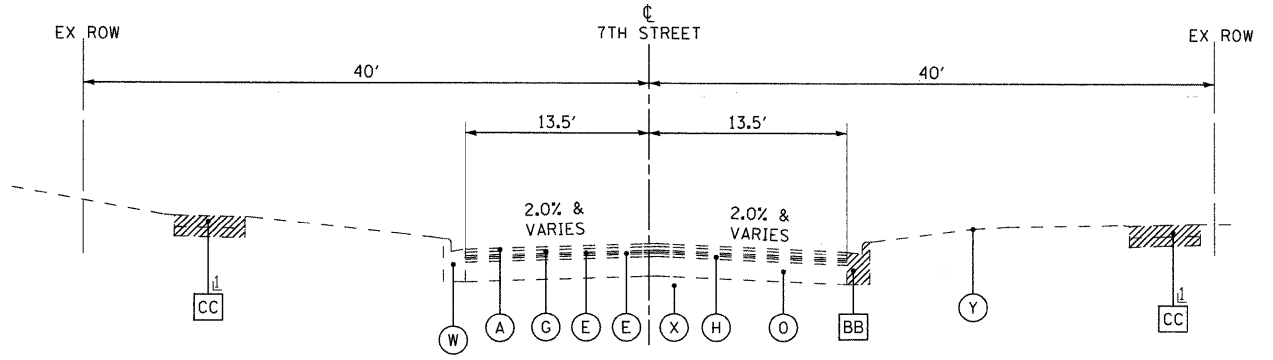
**VILLAGE OF WINTHROP HARBOR, ILLINOIS**  
**ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7th STREET**  
**STREETSCAPE IMPROVEMENTS**

**TYPICAL SECTIONS AND**  
**HMA MIXTURE REQUIREMENTS**

SCALE: NONE TO STA. TO STA.

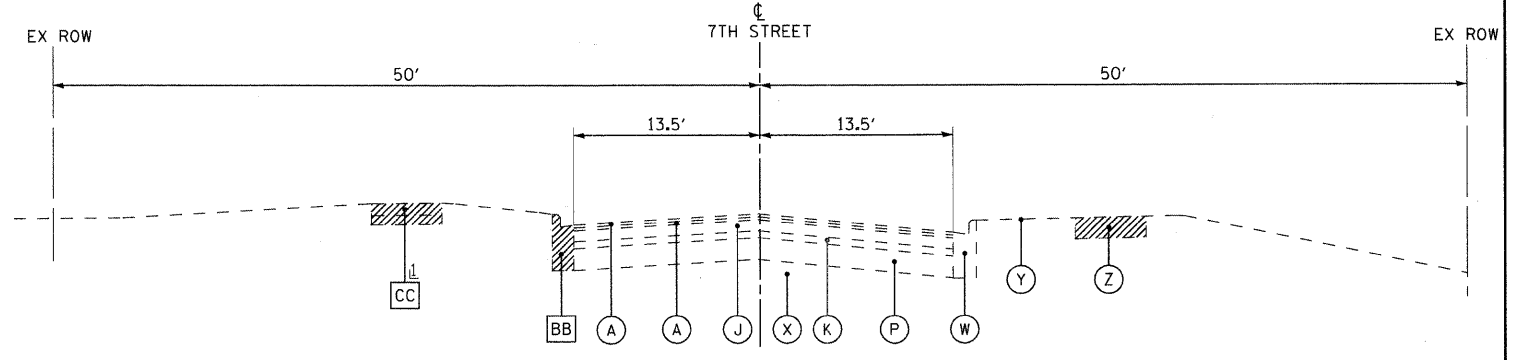
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00036-00-LS	LAKE	70	10
FED. ROAD DIST. NO. 1			CONTRACT NO. 63167	
JOB NO. C-91-197-10		ILLINOIS FED. AID PROJECT ARA-00118101		

\* F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)



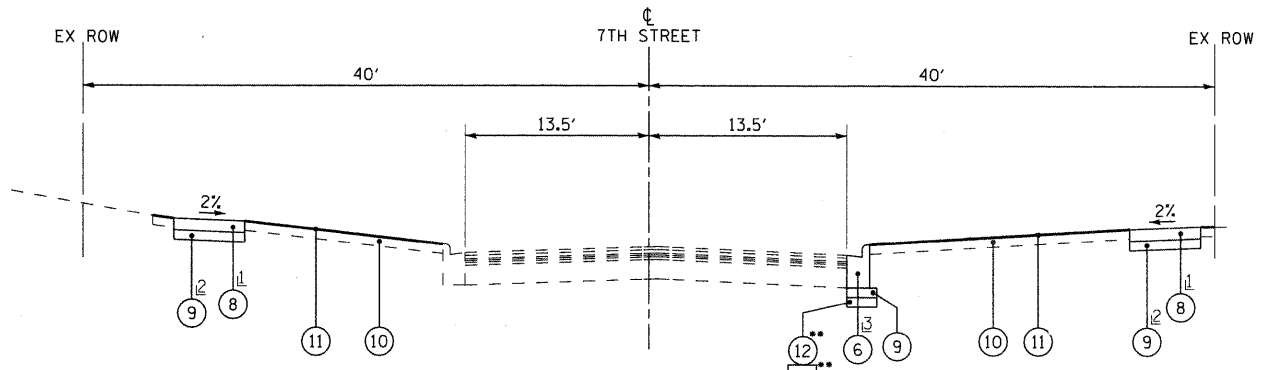
**EXISTING TYPICAL SECTION  
7TH STREET  
(NOT TO SCALE)  
STA. 13+18 TO STA. 22+70**

⊥ AGGREGATE BASE COURSE REMOVAL INCLUDED IN SIDEWALK REMOVAL



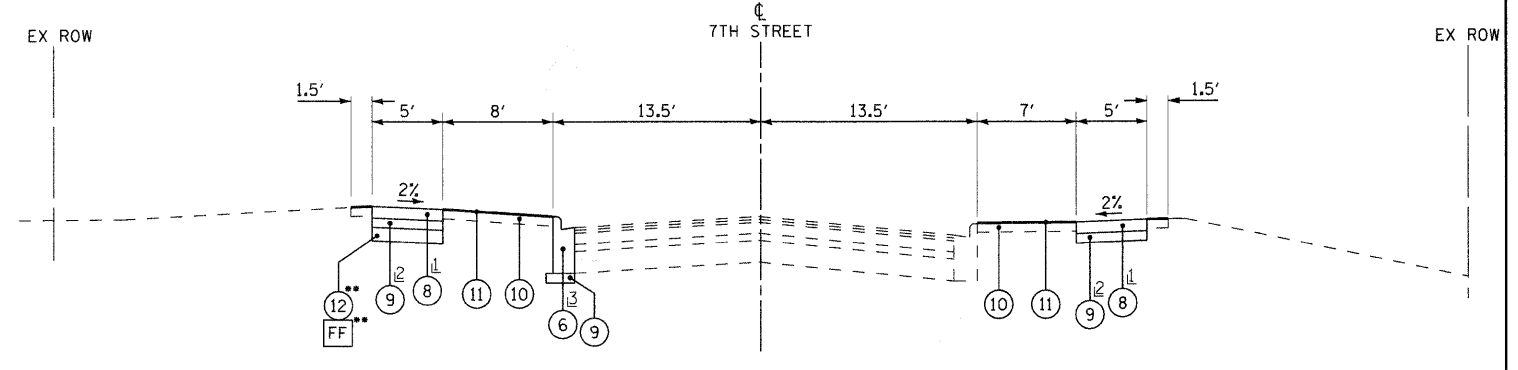
**EXISTING TYPICAL SECTION  
7TH STREET  
(NOT TO SCALE)  
STA. 22+70 TO STA. 27+61**

⊥ AGGREGATE BASE COURSE REMOVAL INCLUDED IN SIDEWALK REMOVAL



**PROPOSED TYPICAL SECTION  
7TH STREET  
(NOT TO SCALE)  
STA. 13+18 TO STA. 22+70**

⊥ 6 INCH IN RESIDENTIAL DRIVEWAYS  
8 INCH IN COMMERCIAL DRIVEWAYS  
⊔ 4 INCH IN RESIDENTIAL DRIVEWAYS  
6 INCH IN COMMERCIAL DRIVEWAYS  
⊔ AT LOCATIONS SHOWN ON PLANS



**PROPOSED TYPICAL SECTION  
7TH STREET  
(NOT TO SCALE)  
STA. 22+70 TO STA. 27+61**

⊥ 6 INCH IN RESIDENTIAL DRIVEWAYS  
8 INCH IN COMMERCIAL DRIVEWAYS  
⊔ 4 INCH IN RESIDENTIAL DRIVEWAYS  
6 INCH IN COMMERCIAL DRIVEWAYS  
⊔ AT LOCATIONS SHOWN ON PLANS

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**EXISTING LEGEND**

- (A) HOT-MIX ASPHALT SURFACE COURSE, 1 1/4"
- (B) HOT-MIX ASPHALT SURFACE COURSE, 1"
- (C) HOT-MIX ASPHALT SURFACE COURSE, 1 3/4"
- (D) HOT-MIX ASPHALT SURFACE COURSE, 1 1/2"
- (E) HOT-MIX ASPHALT SURFACE COURSE, 3/4"
- (F) HOT-MIX ASPHALT SURFACE COURSE, 2"
- (G) HOT-MIX ASPHALT BINDER COURSE, 1 1/2"
- (H) HOT-MIX ASPHALT BINDER COURSE, 1 1/4"
- (J) HOT-MIX ASPHALT BINDER COURSE, 4 3/4"
- (K) HOT-MIX ASPHALT BINDER COURSE, 3"
- (L) BITUMINOUS STABILIZED GRANULAR MATERIAL, 1 1/4"
- (M) HOT-MIX ASPHALT PAVEMENT
- (N) PORTLAND CEMENT CONCRETE BASE COURSE, 7 1/4"
- (O) PORTLAND CEMENT CONCRETE BASE COURSE, 8 1/4" - 9 3/4"

**EXISTING LEGEND (CONTD.)**

- (P) PORTLAND CEMENT CONCRETE BASE COURSE, 9 1/4"
- (R) PORTLAND CEMENT CONCRETE PAVEMENT
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- (W) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (X) EXISTING SUB-GRADE
- (Y) GROUND SURFACE
- (Z) EARTH EXCAVATION
- AA COMBINATION CURB AND GUTTER REMOVAL
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- CC SIDEWALK REMOVAL
- DD HOT-MIX ASPHALT REMOVAL (PAID FOR AS SIDEWALK REMOVAL)
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- FF REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS \*\*
- ITEM TO BE REMOVED

**PROPOSED LEGEND**

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- (2) HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 - 2"
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- (6) COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (SPECIAL)
- (7) CONCRETE CURB, TYPE B
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- (9) AGGREGATE BASE COURSE, TYPE B - 4"
- (10) TOPSOIL, FURNISH AND PLACE 4"
- (11) SODDING, SALT TOLERANT
- (12) POROUS GRANULAR EMBANKMENT, SUBGRADE\*\* (AS DETERMINED BY THE ENGINEER) - 6" MIN

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DESIGNED - MWP	REVISED - IDOT REVIEW 2/19/09
DRAWN - CJC	REVISED - IDOT REVIEW 4/22/09
CHECKED - MDW	REVISED -
DATE - 8-1-08	FILE - 060807-1yp.sht

**VILLAGE OF WINTHROP HARBOR, ILLINOIS  
ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7th STREET  
STREETScape IMPROVEMENTS**

<b>TYPICAL SECTIONS AND HMA MIXTURE REQUIREMENTS</b>	
SCALE: NONE	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00036-00-LS	LAKE	70	11
FED. ROAD DIST. NO. 1		CONTRACT NO. 63167		
JOB NO. C-91-197-10		ILLINOIS FED. AID PROJECT ARA-00018101		

\* F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)

**DRIVEWAYS**

STATION	EXISTING DRIVEWAY APRON (TYPE)	RESIDENTIAL OR COMMERCIAL	WIDTH AT ROW OR F/WALK (FOOT)	WIDTH AT CURB (FOOT)	LENGTH (FOOT)	DRIVEWAY PAVEMENT AREA (SQ YD)	HMA SURFACE COURSE, MIX 'C', N50, 2" (TON)	HMA BASE COURSE 8" (PAID FOR AS HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50) (TON)	PCC DRIVEWAY PAVEMENT 6" (SQ YD)	PCC DRIVEWAY PAVEMENT 8" (SQ YD)	STAMPED COLORED PCC SIDEWALK 6" (SQ FT)	STAMPED COLORED PCC SIDEWALK 8" (SQ FT)	AGGREGATE BASE COURSE TYPE B - 4" (SQ YD)	AGGREGATE BASE COURSE TYPE B - 6" (SQ YD)	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (SPECIAL) (FOOT)	DRIVEWAY PAVEMENT REMOVAL (SQ YD)
<b>ILLINOIS ROUTE 137 (SHERIDAN ROAD)</b>																
47+28 LT	HMA	C	30	42	8	34	—	—	—	—	—	—	28	—	76	—
51+68 LT	HMA	C	24	31	8	25	2	5	—	—	—	180	27	20	50	25
52+93 LT	HMA	C	22	24	8	21	1	4	—	—	—	126	13	14	12	21
53+26 LT	HMA	C	50	52	8	46	2	8	—	—	—	279	22	31	12	46
47+47 RT	HMA	C	37	42	16	71	6	23	—	—	—	207	50	23	—	71
48+23 RT	HMA	C	21	23	8	20	2	6	—	—	—	126	20	14	22	20
51+68 RT	HMA	C	27	27	8	24	2	5	—	—	—	162	17	18	22	24
<b>SUB TOTAL ILLINOIS ROUTE 137 (SHERIDAN ROAD)</b>						241	15	51	0	0	0	1,080	177	120	194	207
<b>7TH STREET</b>																
8 + 50 LT	HMA	C	31	48	20	85	2	7	—	—	—	171	19	19	20	33
13 + 39 LT	CONC	C	20	26	18	46	—	—	—	46	—	108	8	58	31	40
14 + 71 LT	CONC	R	21	38	19	63	—	—	63	—	126	—	88	—	43	53
16 + 36 LT	CONC	C	23	32	19	59	—	—	—	59	—	126	9	73	38	50
17 + 15 LT	CONC	R	12	22	21	40	—	—	40	—	81	—	56	—	29	40
24 + 59 LT	HMA	C	40	50	10	50	6	23	—	—	—	252	88	28	160	345
25 + 21 LT	CONC	C	32	35	10	39	—	—	—	39	—	171	12	58	50	33
26 + 86 LT	CONC	C	16	24	10	23	—	—	—	23	—	108	7	35	30	20
27 + 46 LT	CONC	C	29	36	10	37	—	—	—	37	—	171	12	56	51	33
8 + 47 RT	HMA	C	26	36	22	76	9	35	—	—	—	153	76	17	—	76
11 + 69 RT	HMA	C	33	42	17	72	9	34	—	—	—	180	72	20	—	72
13 + 99 RT	CONC	R	14	24	19	41	—	—	41	—	81	—	57	—	30	41
16 + 63 RT	CONC	R	16	22	21	45	—	—	45	—	81	—	61	—	30	33
17 + 12 RT	CONC	R	12	22	21	40	—	—	40	—	81	—	61	—	30	33
18 + 10 RT	CONC	R	16	26	21	49	—	—	49	—	108	—	69	—	32	49
<b>SUB TOTAL 7TH STREET</b>						765	26	99	278	204	558	1,440	695	364	574	951
<b>TOTALS</b>						1,006	41	150	278	204	558	2,520	872	484	768	1,158

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DESIGNED - MWP	REVISED - IDOT REVIEW 2/19/09
DRAWN - CJC	REVISED - IDOT REVIEW 4/22/09
CHECKED - MDW	REVISED -
DATE - 8-1-08	FILE - 060807-schedule.sht

**VILLAGE OF WINTHROP HARBOR, ILLINOIS**  
**ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7th STREET**  
**STREETScape IMPROVEMENTS**

**SCHEDULE OF QUANTITIES**

SCALE: NONE      STA.      TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00036-00-LS	LAKE	70	12
FED. ROAD DIST. NO. 1		CONTRACT NO. 63167		
JOB NO. C-91-197-10		ILLINOIS FED. AID PROJECT ARA-00018101		

\* F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)

**CURB AND GUTTER**

STATION BEGIN	STATION END	COMBINATION CURB AND GUTTER REMOVAL (FOOT)	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (SPECIAL) (FOOT)	CONCRETE CURB, TYPE B (FOOT)	CONCRETE CURB, TYPE B (ABUTTING EXISTING PAVEMENT) (FOOT)	COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12 (SPECIAL) (FOOT)
ILLINOIS ROUTE 137 (SHERIDAN ROAD)						
46 + 69 LT	50 + 00 LT	--	--	--	108	--
50 + 00 LT	54 + 74 LT	--	--	--	108	--
46 + 69 RT	49 + 60 RT	--	--	--	198	--
50 + 30 RT	54 + 74 RT	--	--	--	126	--
FROM ILLINOIS ROUTE 137 (SHERIDAN ROAD) SIDEWALK SCHEDULE		--	--	--	--	--
FROM ILLINOIS ROUTE 137 (SHERIDAN ROAD) DRIVEWAY SCHEDULE		--	194	--	--	--
SUB TOTAL ILLINOIS ROUTE 137 (SHERIDAN ROAD)		0	194	0	540	0
7TH STREET						
6 + 44 LT	6 + 77 LT	--	--	--	--	--
7 + 07 LT	9 + 77 LT	--	--	--	--	--
10 + 39 LT	12 + 94 LT	219	50	--	--	332
12 + 94 LT	15 + 74 LT	--	10	--	--	50
15 + 74 LT	18 + 69 LT	--	--	--	--	--
18 + 96 LT	22 + 56 LT	--	--	--	--	--
22 + 81 LT	27 + 81 LT	--	--	--	--	--
6 + 48 RT	6 + 72 RT	--	--	--	--	--
6 + 92 RT	9 + 63 RT	--	--	--	--	--
10 + 50 RT	12 + 75 RT	45	--	117	--	159
13 + 03 RT	15 + 59 RT	--	--	--	--	--
15 + 86 RT	18 + 89 RT	--	--	--	--	--
19 + 18 RT	22 + 70 RT	--	--	--	--	--
22 + 70 RT	27 + 81 RT	--	--	--	--	--
FROM 7TH STREET SIDEWALK SCHEDULE		--	486	--	--	--
FROM 7TH STREET DRIVEWAY SCHEDULE		--	574	--	--	--
SUB TOTAL 7TH STREET		264	1,120	117	0	541
TOTAL		264	1,314	117	540	541

**HOT-MIX ASPHALT**

STATION BEGIN	STATION END	HOT-MIX ASPHALT SURFACE COURSE MIX "C", N50 2" (TON)	HOT-MIX ASPHALT BASE COURSE, 8" (PAID FOR AS HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 (TON))	AGGREGATE BASE COURSE TYPE B - 4" (SQ YD)
ILLINOIS ROUTE 137 (SHERIDAN ROAD)				
46 + 69 LT	50 + 00 LT	4	16	34
50 + 00 LT	54 + 74 LT	4	13	28
46 + 69 RT	49 + 60 RT	7	28	60
50 + 30 RT	54 + 74 RT	--	--	7
FROM DRIVEWAY SCHEDULE		15	51	--
SUB TOTAL ILLINOIS ROUTE 137 (SHERIDAN ROAD)		30	108	129
7TH STREET				
6 + 44 LT	6 + 77 LT	--	--	--
7 + 07 LT	9 + 77 LT	--	--	--
10 + 39 LT	12 + 94 LT	17	66	142
12 + 94 LT	15 + 74 LT	7	23	49
15 + 74 LT	18 + 69 LT	--	--	--
18 + 96 LT	22 + 56 LT	--	--	--
22 + 81 LT	27 + 81 LT	2	6	12
6 + 48 RT	6 + 72 RT	--	--	--
6 + 92 RT	9 + 63 RT	--	--	--
10 + 50 RT	12 + 75 RT	17	66	142
13 + 03 RT	15 + 59 RT	--	--	--
15 + 86 RT	18 + 89 RT	--	--	--
19 + 18 RT	22 + 70 RT	--	--	--
22 + 70 RT	27 + 81 RT	--	--	--
FROM DRIVEWAY SCHEDULE		26	99	--
SUB TOTAL 7TH STREET		69	260	345
TOTAL		99	368	474

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**VILLAGE OF WINTHROP HARBOR, ILLINOIS  
ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7th STREET  
STREETScape IMPROVEMENTS**

**SCHEDULE OF QUANTITIES**

SCALE: NONE STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00036-00-LS	LAKE	70	13
FED. ROAD DIST. NO. 1		CONTRACT NO. 63167		
JOB NO. C-91-197-10		ILLINOIS FED. AID PROJECT ARA-00011810		

\* F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)

**SIDEWALK**

STATION BEGIN	STATION END	LENGTH WALK ON CL (FOOT)	WIDTH (FOOT)	STAMPED COLORED PCC SIDEWALK 5" (FOOT)	DETECTABLE WARNINGS (SQ FT)	AGGREGATE BASE COURSE TYPE B - 4" (SQ YD)	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (SPECIAL) (FOOT)	HOT-MIX ASPHALT REMOVAL (PAID FOR AS SIDEWALK REMOVAL) (SQ FT)	SIDEWALK REMOVAL (SQ FT)
ILLINOIS ROUTE 137 (SHERIDAN ROAD)									
46 + 69 LT	49 + 70 LT	210	5	1,233	10	137	—	760	—
50 + 11 LT	54 + 74 LT	463	5	1,728	40	192	—	1,050	625
—	—	—	—	—	—	—	—	—	—
46 + 69 RT	49 + 60 RT	291	5	1,389	40	121	—	700	585
50 + 30 RT	54 + 74 RT	444	5	2,052	20	228	—	—	2,210
SUBTOTAL ILLINOIS ROUTE 137 (SHERIDAN ROAD)				6,402	110	678	—	2,510	3,420
7TH STREET									
6 + 44 LT	6 + 77 LT	33	5	306	10	34	—	—	306
7 + 07 LT	9 + 77 LT	270	5	1,512	60	183	45	—	1,512
10 + 39 LT	12 + 94 LT	255	VAR	4,860	20	555	42	—	4,245
12 + 94 LT	15 + 74 LT	280	5	1,503	20	167	—	—	1,400
15 + 74 LT	18 + 69 LT	298	5	1,593	30	184	30	—	1,753
18 + 96 LT	22 + 56 LT	360	5	2,106	30	250	92	—	1,670
22 + 81 LT	27 + 81 LT	500	5	2,385	100	275	39	—	2,000
—	—	—	—	—	—	—	—	—	—
6 + 48 RT	6 + 72 RT	24	5	153	10	17	—	—	—
6 + 92 RT	9 + 63 RT	271	5	1,620	60	195	45	120	1,370
10 + 50 RT	12 + 75 RT	275	5	1,656	50	198	40	—	1,940
13 + 03 RT	15 + 59 RT	256	5	1,629	20	192	44	—	1,325
15 + 86 RT	18 + 89 RT	303	5	1,800	20	211	45	—	1,600
19 + 18 RT	22 + 70 RT	352	5	2,097	20	244	47	—	—
22 + 70 RT	27 + 81 RT	511	5	2,268	10	256	17	—	—
SUBTOTAL 7TH STREET				25,488	460	2,967	486	120	19,121
TOTAL				31,890	570	3,645	486	2,630	22,541
									+ 2,630
									= 25,171

**AGGREGATE BASE COURSE**

STATION BEGIN	STATION END	AGGREGATE BASE COURSE TYPE B - 4" (SQ YD)	AGGREGATE BASE COURSE TYPE B - 6" (SQ YD)
ILLINOIS ROUTE 137 (SHERIDAN ROAD)			
46 + 69 LT	50 + 00 LT	45	20
50 + 00 LT	54 + 74 LT	46	—
—	—	—	—
46 + 69 RT	49 + 60 RT	80	—
50 + 30 RT	54 + 74 RT	50	—
FROM ILLINOIS ROUTE 137 (SHERIDAN ROAD) HMA SCHEDULE		129	—
FROM ILLINOIS ROUTE 137 (SHERIDAN ROAD) SIDEWALK SCHEDULE		678	—
FROM ILLINOIS ROUTE 137 (SHERIDAN ROAD) DRIVEWAY SCHEDULE		177	120
SUB TOTAL FROM ILLINOIS ROUTE 137 (SHERIDAN ROAD)		1,205	140
7TH STREET			
10+39 RT	12+94 RT	488	46
FROM HMA SCHEDULE		345	—
FROM 7TH STREET SIDEWALK SCHEDULE		2,967	364
FROM 7TH STREET DRIVEWAY SCHEDULE		695	—
SUB TOTAL FROM 7TH STREET		4,495	405
TOTAL		5,700	545

TOTAL

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**VILLAGE OF WINTHROP HARBOR, ILLINOIS**  
**ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7th STREET**  
**STREETScape IMPROVEMENTS**

**SCHEDULE OF QUANTITIES**

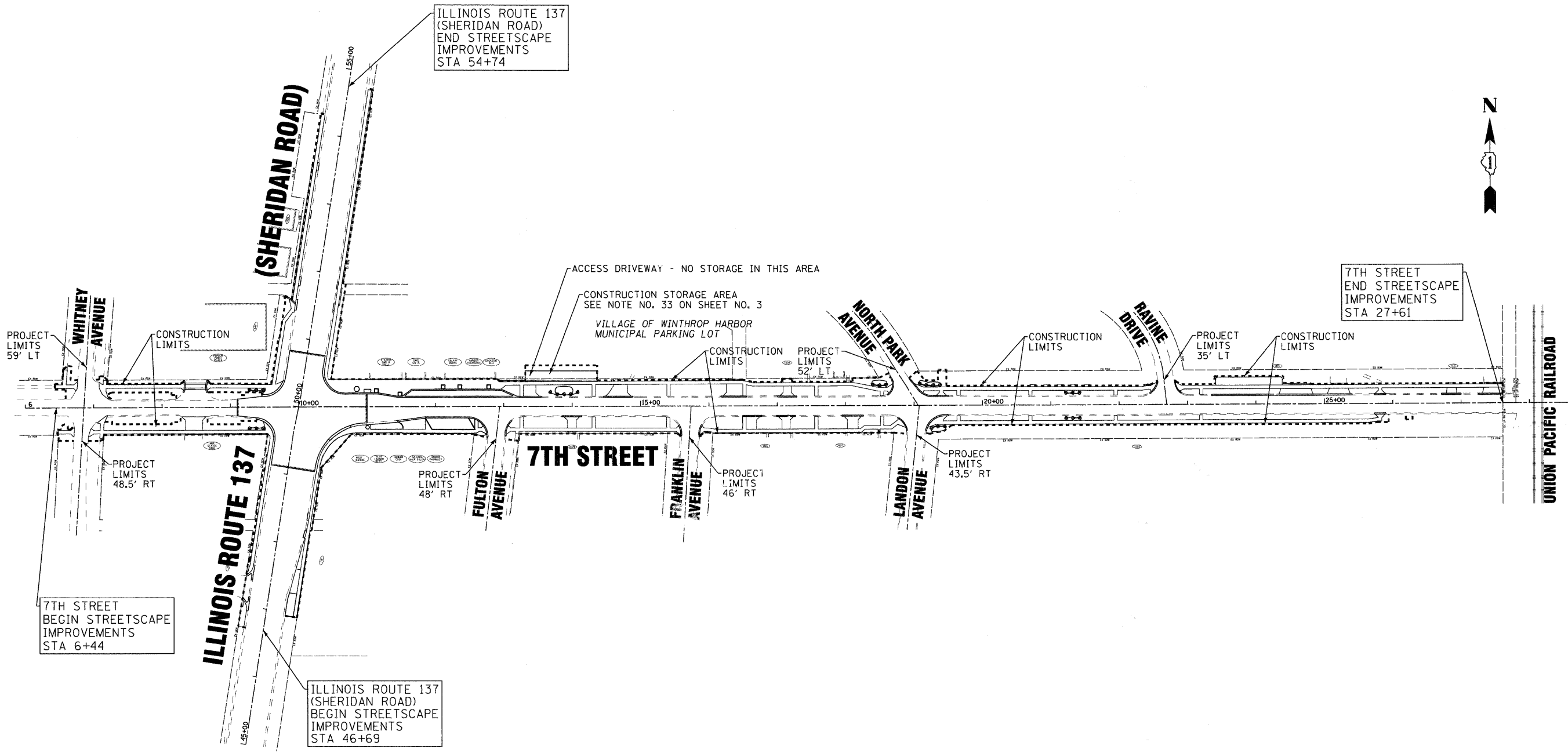
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STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00036-00-LS	LAKE	70	14
FED. ROAD DIST. NO. 1		CONTRACT NO. 63167		
JOB NO. C-91-197-10		ILLINOIS FED. AID PROJECT ARA-0001(810)		

\* F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)





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DEPARTMENT OF CONSERVATION

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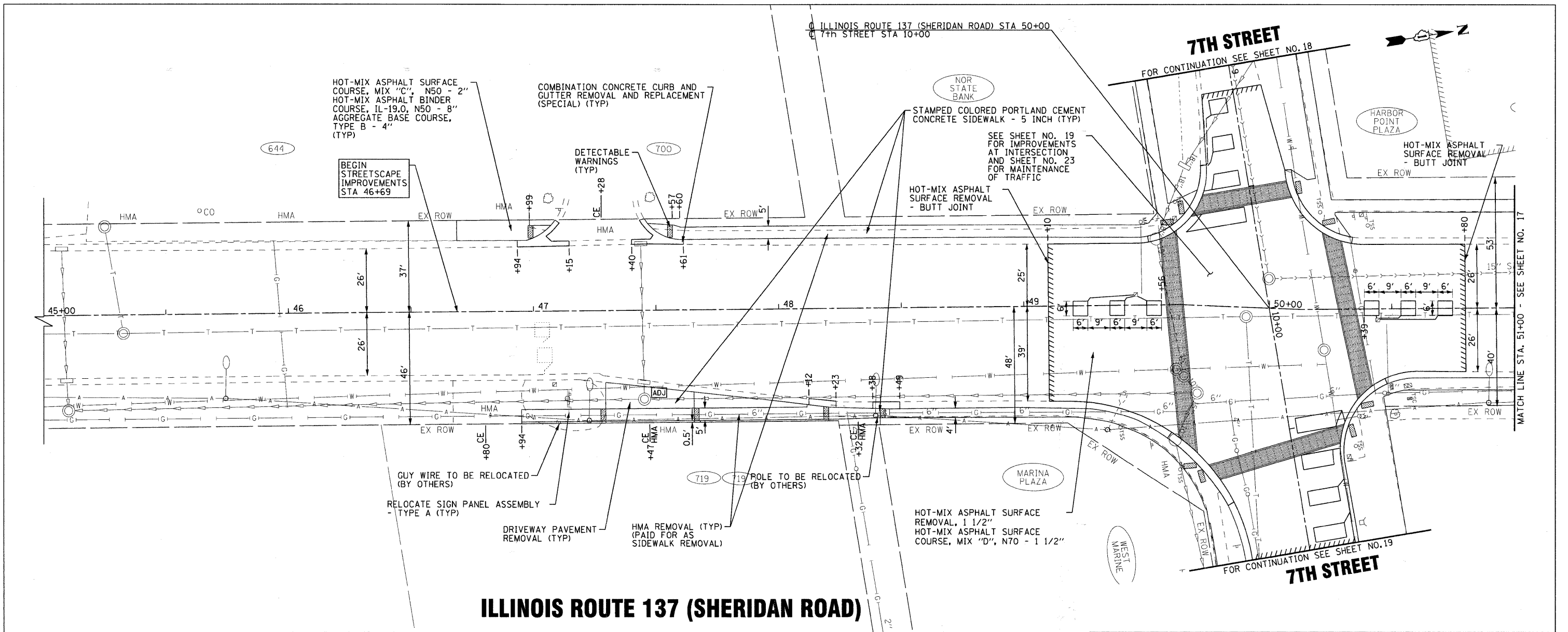
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**VILLAGE OF WINTHROP HARBOR, ILLINOIS**  
**ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7th STREET**  
**STREETSCAPE IMPROVEMENTS**

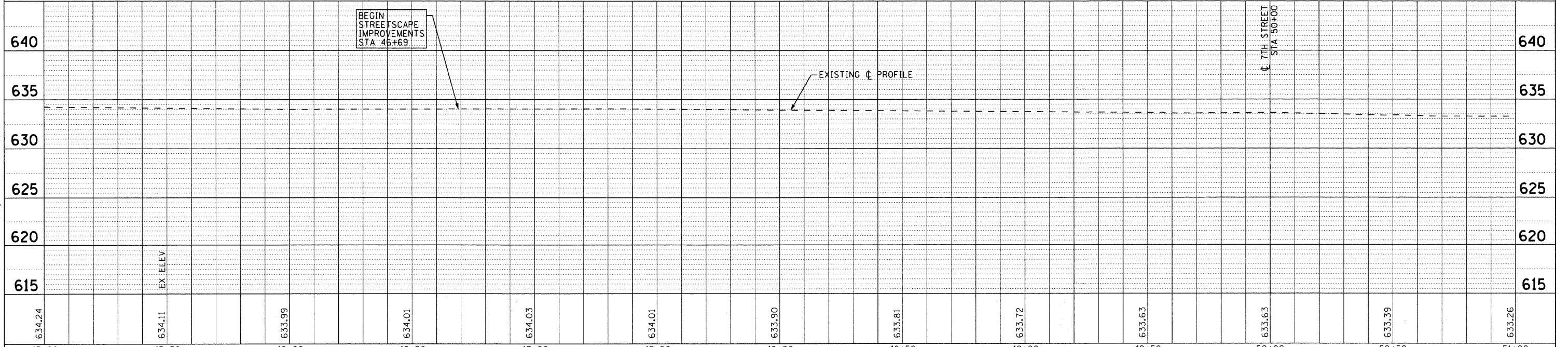
**OVERALL PLAN**

SCALE: 1" = 80'      STA.      TO STA.

• F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
06-00036-00-LS	LAKE	70	15
FED. ROAD DIST. NO. 1		CONTRACT NO. 63167	
JOB NO. C-91-197-10	ILLINOIS FED. AID PROJECT ARA-0001(810)		



**ILLINOIS ROUTE 137 (SHERIDAN ROAD)**



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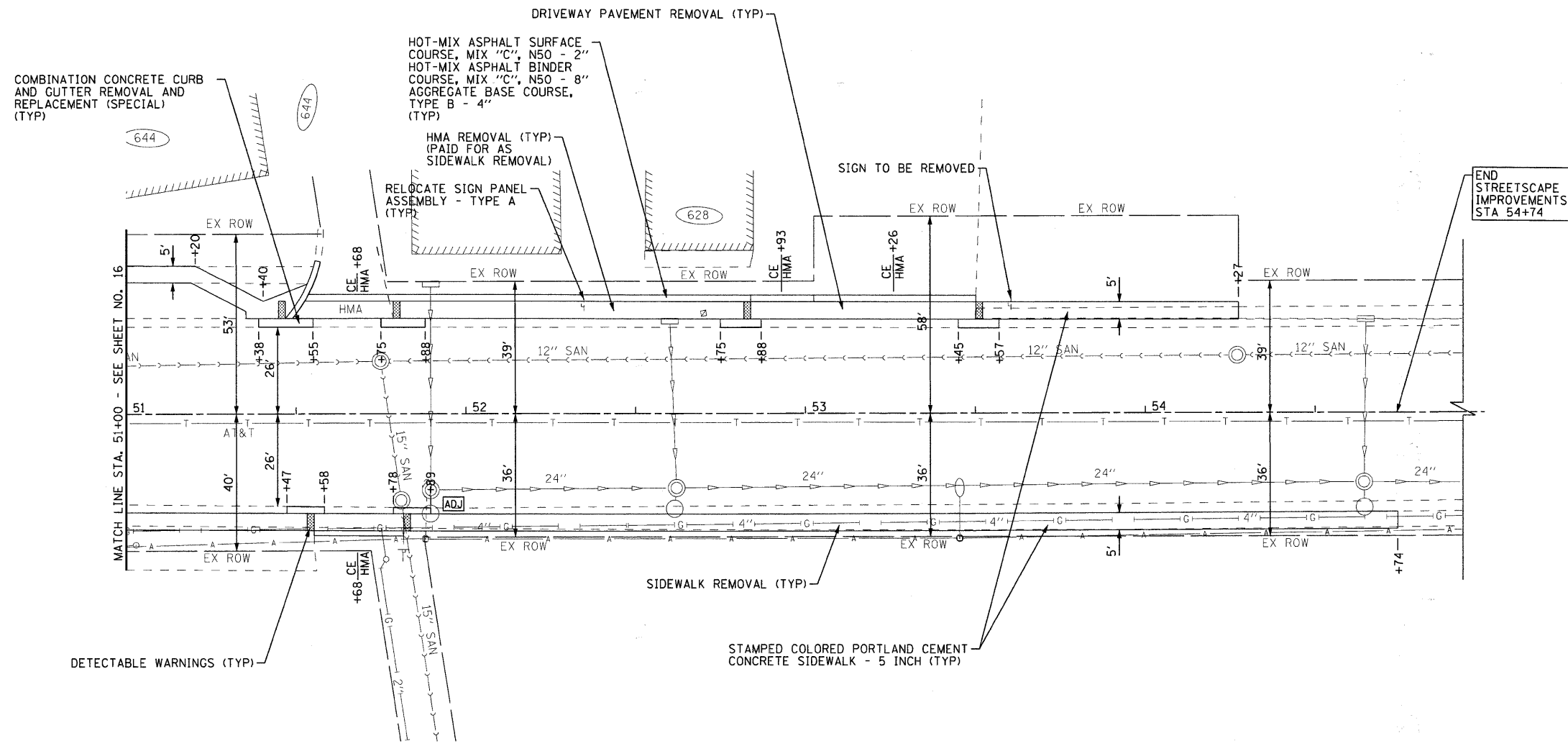
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**VILLAGE OF WINTHROP HARBOR, ILLINOIS  
ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7th STREET  
STREETScape IMPROVEMENTS**

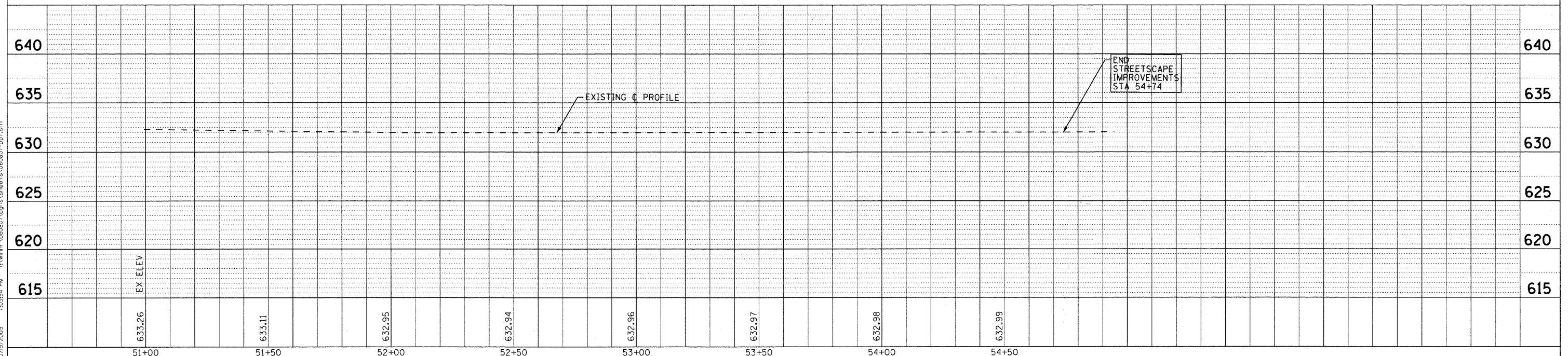
**PLAN AND PROFILE  
ILLINOIS ROUTE 137 (SHERIDAN ROAD)**

SCALE: H: 1"=20' V: 1"=5'  
STA. 45+00 TO STA. 51+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00036-00-LS	LAKE	70	16	
FED. ROAD DIST. NO. 1	CONTRACT NO. 63167			
JOB NO. C-91-197-10	ILLINOIS FED. AID PROJECT ARA-0018101			
F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)				



### ILLINOIS ROUTE 137 (SHERIDAN ROAD)



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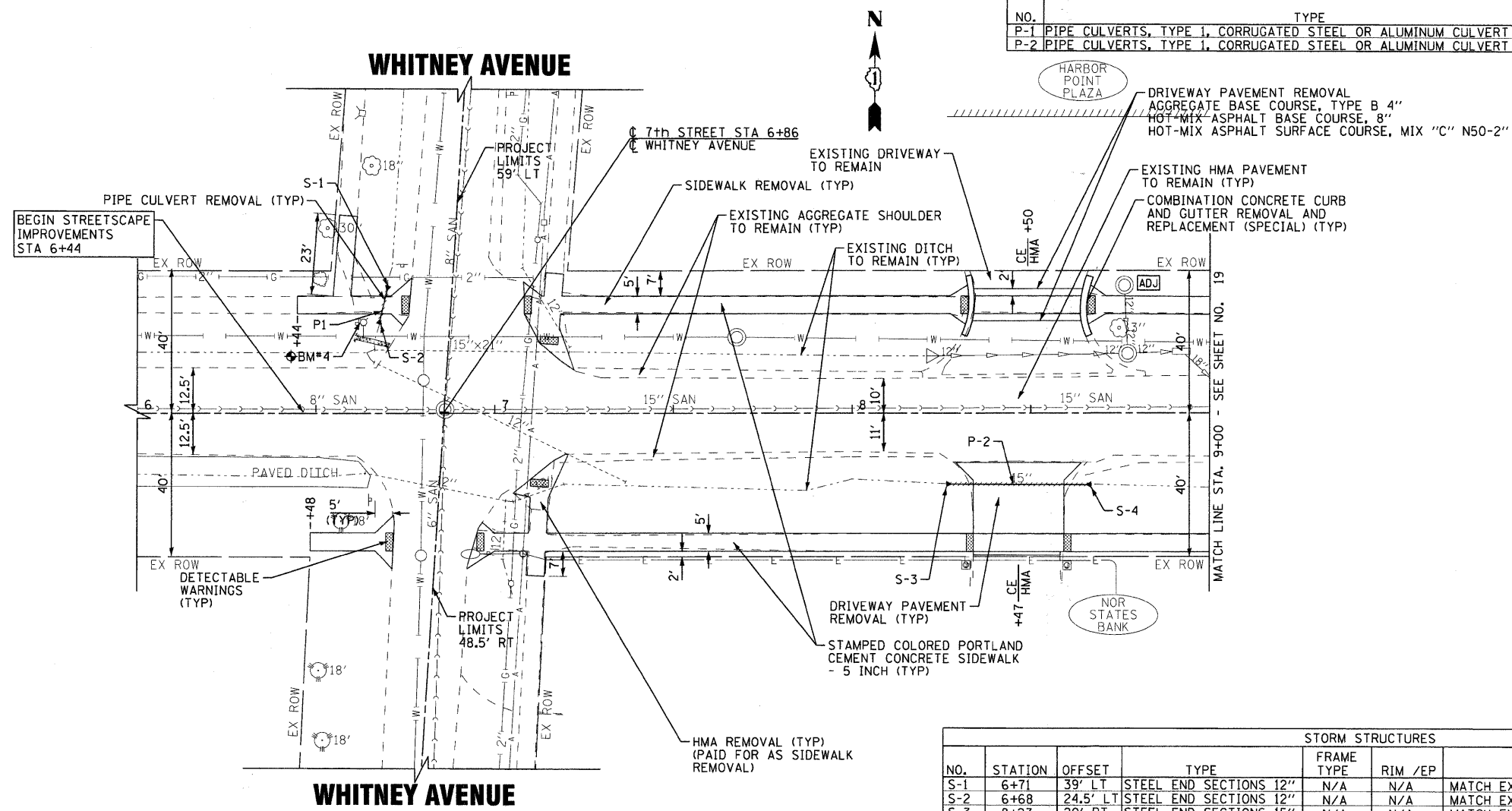
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**VILLAGE OF WINTHROP HARBOR, ILLINOIS**  
**ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7th STREET**  
**STREETScape IMPROVEMENTS**

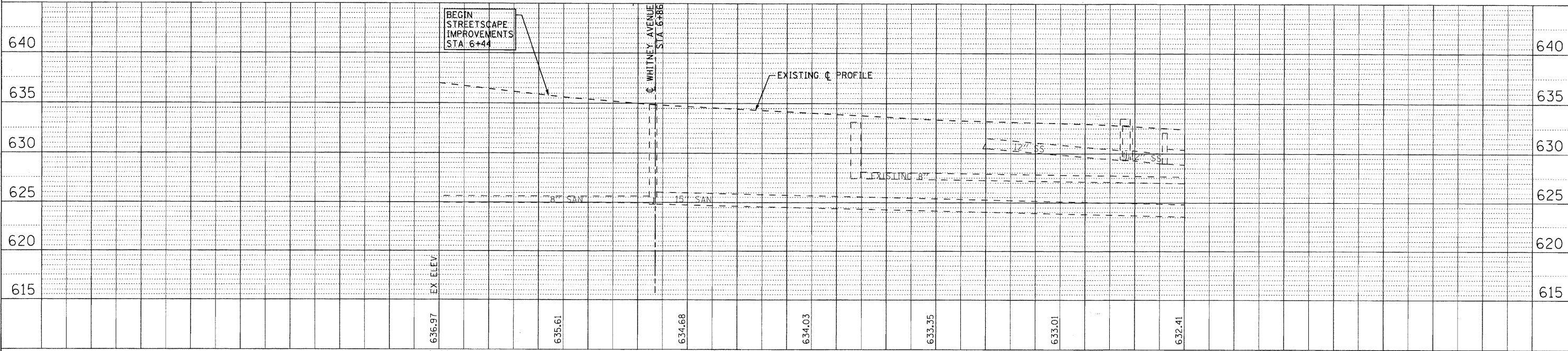
<b>PLAN AND PROFILE</b>	
<b>ILLINOIS ROUTE 137 (SHERIDAN ROAD)</b>	
SCALE: H: 1"=20' V: 1"=5'	STA. 51+00 TO STA. 55+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00036-00-LS	LAKE	70	17
FED. ROAD DIST. NO. 1		CONTRACT NO. 63167		
JOB NO. C-91-197-10 [ILLINOIS] FED. AID PROJECT ARA-0001810				
F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)				

STORM PIPES					
NO.	TYPE	LENGTH (LF)	DIA (IN)	SLOPE	TBF (CY)
P-1	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 12"	15	12	2.00%	5
P-2	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 15"	41	15	0.49%	14



STORM STRUCTURES						
NO.	STATION	OFFSET	TYPE	FRAME TYPE	RIM /EP	INVERT
S-1	6+71	39' LT	STEEL END SECTIONS 12"	N/A	N/A	MATCH EXISTING INVERT (633.73± 12" S)
S-2	6+68	24.5' LT	STEEL END SECTIONS 12"	N/A	N/A	MATCH EXISTING INVERT (633.43± 12" N)
S-3	8+27	20' RT	STEEL END SECTIONS 15"	N/A	N/A	MATCH EXISTING INVERT (631.20± 15" E)
S-4	8+67	20' RT	STEEL END SECTIONS 15"	N/A	N/A	MATCH EXISTING INVERT (631.00± 15" W)



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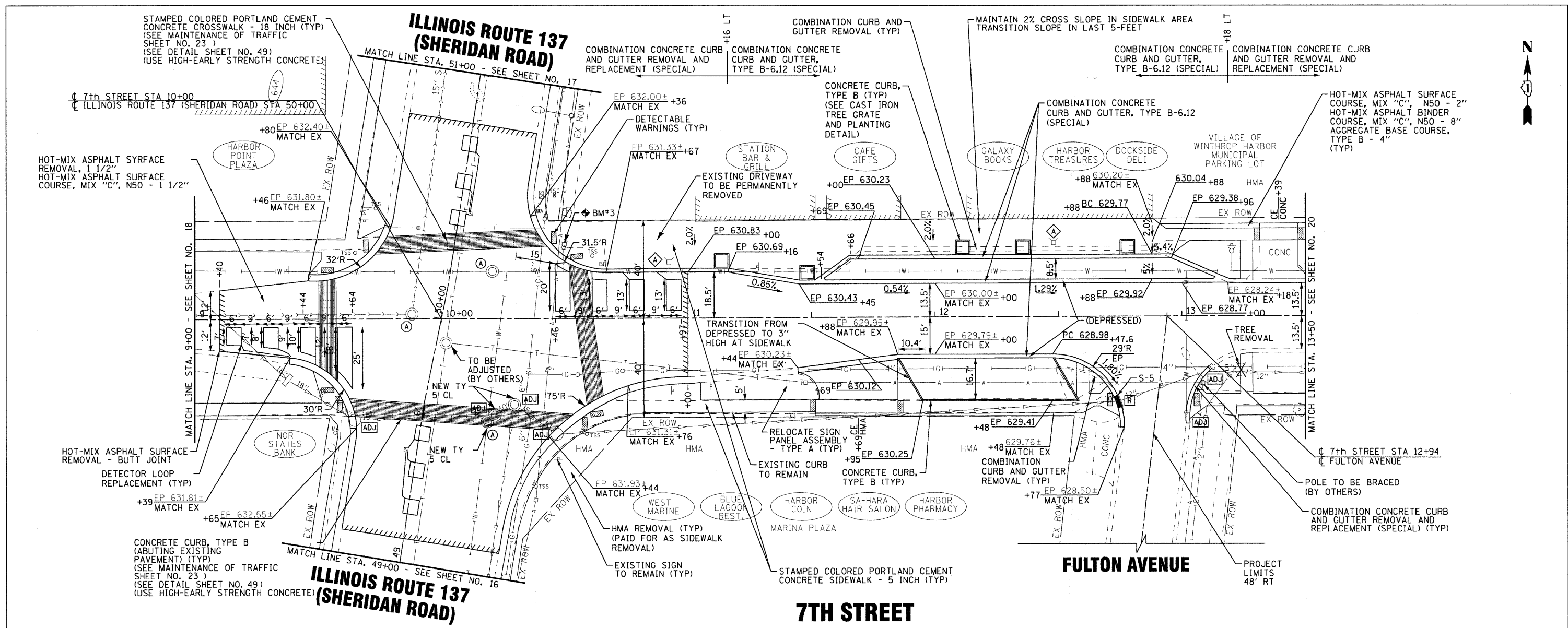
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**VILLAGE OF WINTHROP HARBOR, ILLINOIS**  
**ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7th STREET**  
**STREETSCAPE IMPROVEMENTS**

**PLAN AND PROFILE**  
**7TH STREET**  
 SCALE: H: 1"=20' V: 1"=5'  
 STA. 6+00 TO STA. 9+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00036-00-LS	LAKE	70	18
FED. ROAD DIST. NO. 1		CONTRACT NO. 63167		
JOB NO. C-91-197-10 ILLINOIS FED. AID PROJECT ARA-00018101				

• F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)



ELEVATION	STATIONING										STORM STRUCTURES						
	9+00	9+50	10+00	10+50	11+00	11+50	12+00	12+50	13+00	13+50	NO.	STATION	OFFSET	TYPE	FRAME TYPE	RIM / EP	INVERT
640											S-5	12+75	34' RT	INLET, TYPE A	TY 1, OLID	628.35	RIM MATCH EXISTING INVERTS (652.80 10" W, 654.00 12" E)
635																	
630																	
625																	
620																	
615																	

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**VILLAGE OF WINTHROP HARBOR, ILLINOIS**  
**ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7th STREET**  
**STREETScape IMPROVEMENTS**

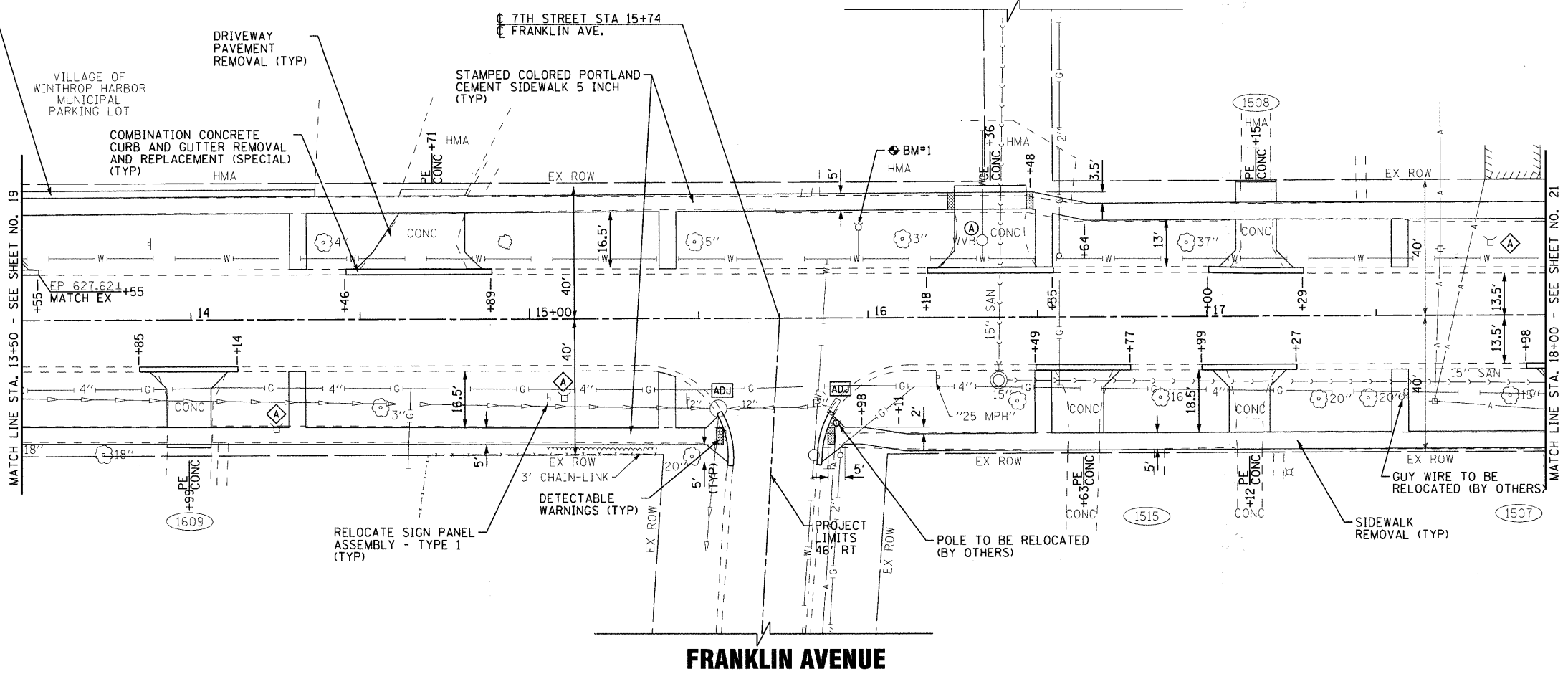
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00036-00-LS	LAKE	70	19
FED. ROAD DIST. NO. 1		CONTRACT NO. 63167		
JOB NO. C-91-197-10		[ILLINOIS] FED. AID PROJECT ARA-0001810		
* F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)				



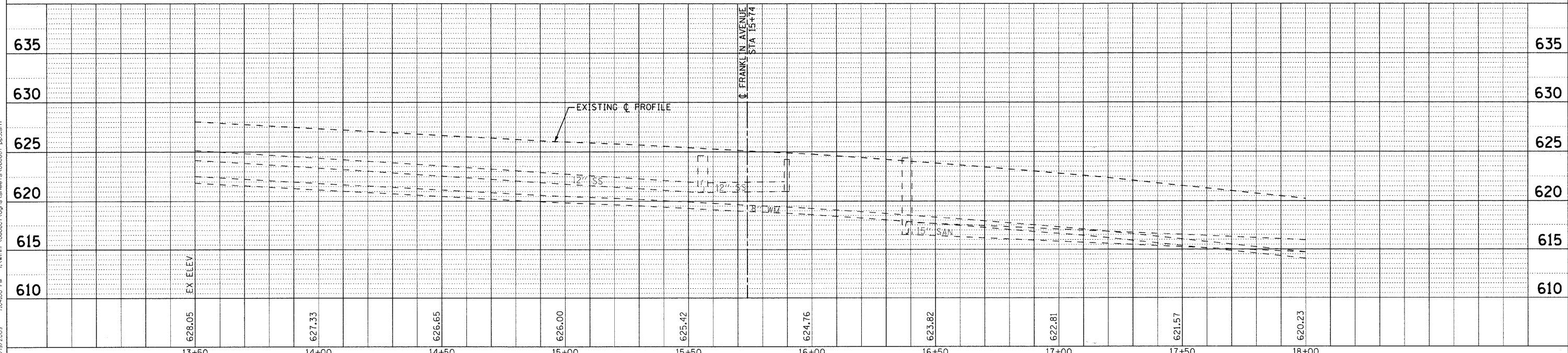


HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 - 2"  
 HOT-MIX ASPHALT BINDER COURSE, MIX "C", N50 - 8"  
 AGGREGATE BASE COURSE, TYPE B - 4" (TYP)



**FRANKLIN AVENUE**

**7TH STREET**



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 JOB NO. C-91-197-10



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**VILLAGE OF WINTHROP HARBOR, ILLINOIS**  
**ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7th STREET**  
**STREETScape IMPROVEMENTS**

**PLAN AND PROFILE**  
**7TH STREET**

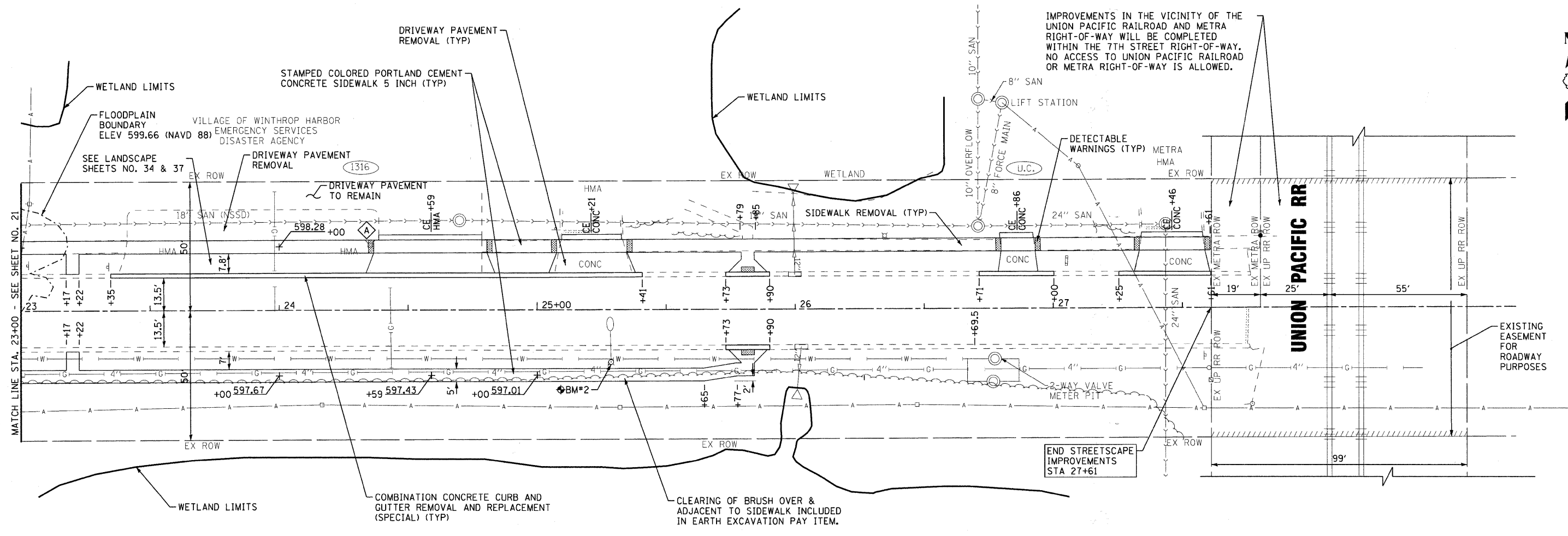
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 STA. 13+50 TO STA. 18+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00036-00-LS	LAKE	70	20
FED. ROAD DIST. NO. 1		CONTRACT NO. 63167		
JOB NO. C-91-197-10 ILLINOIS FED. AID PROJECT ARA-0001810				
• F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)				

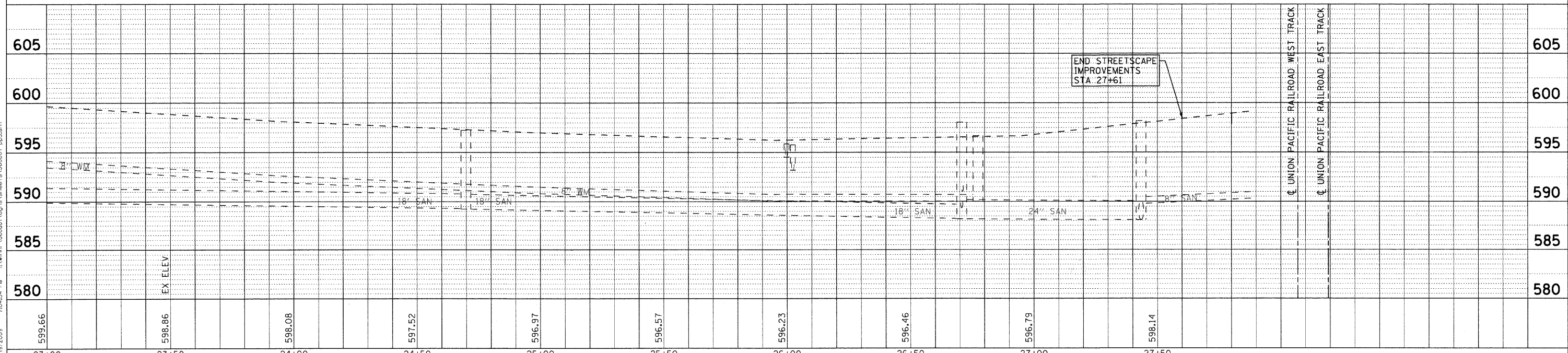




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### 7TH STREET



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**VILLAGE OF WINTHROP HARBOR, ILLINOIS**  
**ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7th STREET**  
**STREETSCAPE IMPROVEMENTS**

**PLAN AND PROFILE**  
**7TH STREET**  
 SCALE: H: 1"=20' V: 1"=5'  
 STA. 23+00 TO STA. 29+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00036-00-LS	LAKE	70	22
FED. ROAD DIST. NO. 1		CONTRACT NO. 63167		
JOB NO. C-91-197-10 ILLINOIS FED. AID PROJECT ARA-001(810)				
• F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)				

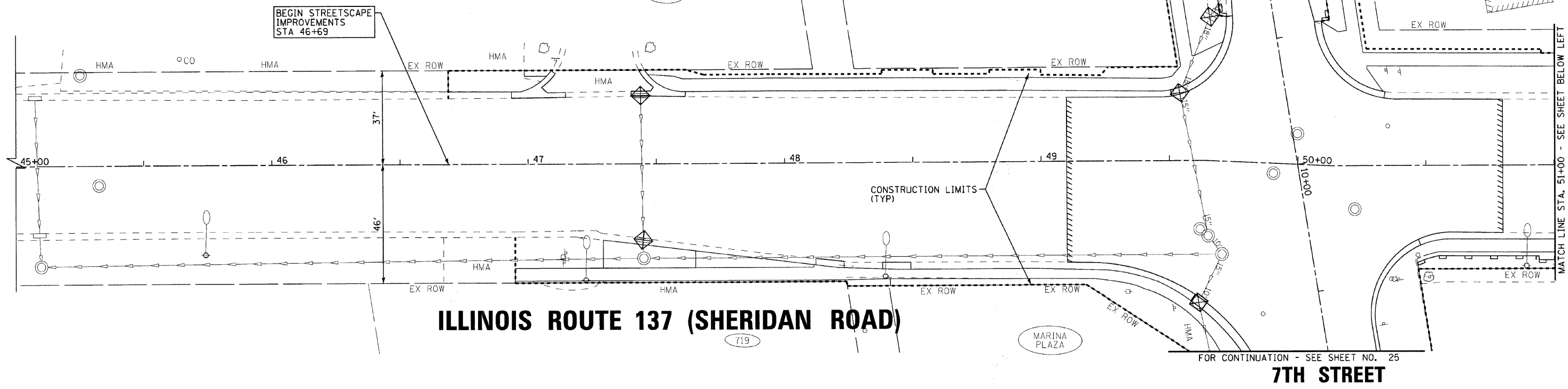


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**7TH STREET**

FOR CONTINUATION - SEE SHEET NO. 25

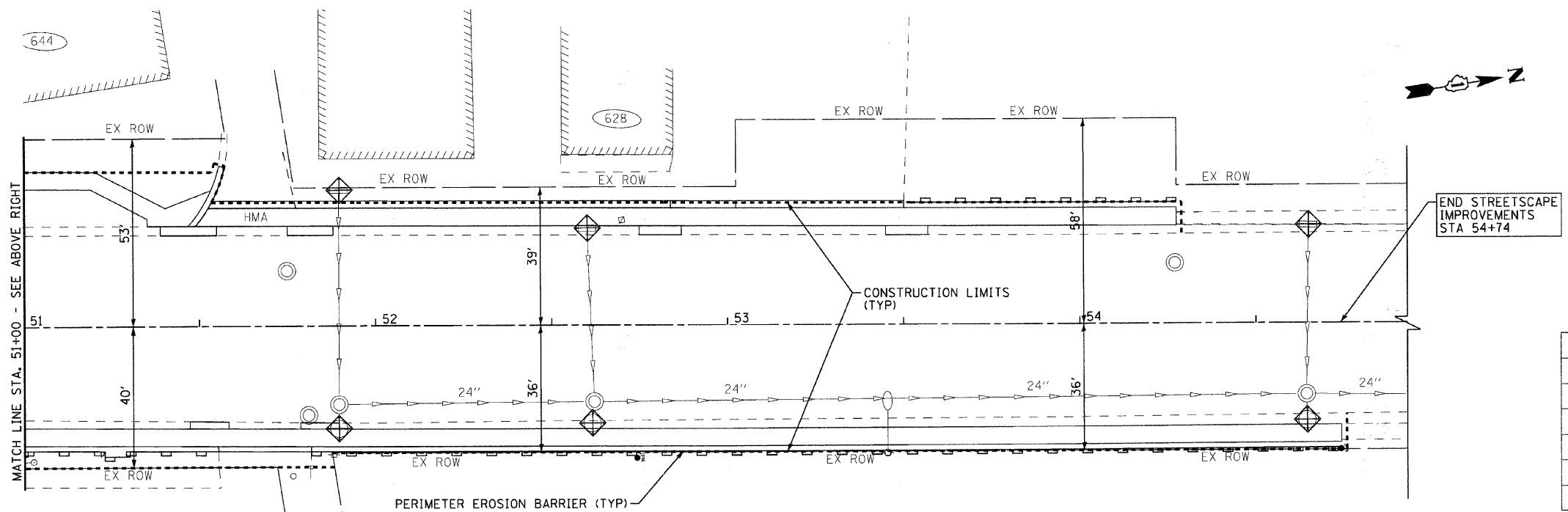
HARBOR POINT PLAZA



**ILLINOIS ROUTE 137 (SHERIDAN ROAD)**

**LEGEND**

- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECKS
- INLET FILTERS
- TREE TRUNK PROTECTION
- TREE ROOT PRUNING



**ILLINOIS ROUTE 137 (SHERIDAN ROAD)**

**SCHEDULE OF EROSION CONTROL QUANTITIES**

TEMPORARY DITCH CHECKS	FOOT	0
PERIMETER EROSION BARRIER (INCLUDES MAINTENANCE)	FOOT	495
INLET FILTERS	EACH	8
TREE TRUNK PROTECTION	EACH	0
TREE ROOT PRUNING	EACH	0
TEMPORARY EROSION CONTROL SEEDING	POUND	7
MULCH, METHOD 1	ACRE	0.06

SCALE BAR:  
  
 THIS PLAN SHEET DEPICTS IMPROVEMENTS AT 1" = 20' ON A 22" X 34" SHEET

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**VILLAGE OF WINTHROP HARBOR, ILLINOIS  
 ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7th STREET  
 STREETSCAPE IMPROVEMENTS**

**EROSION CONTROL PLAN  
 ILLINOIS ROUTE 137 (SHERIDAN ROAD)**

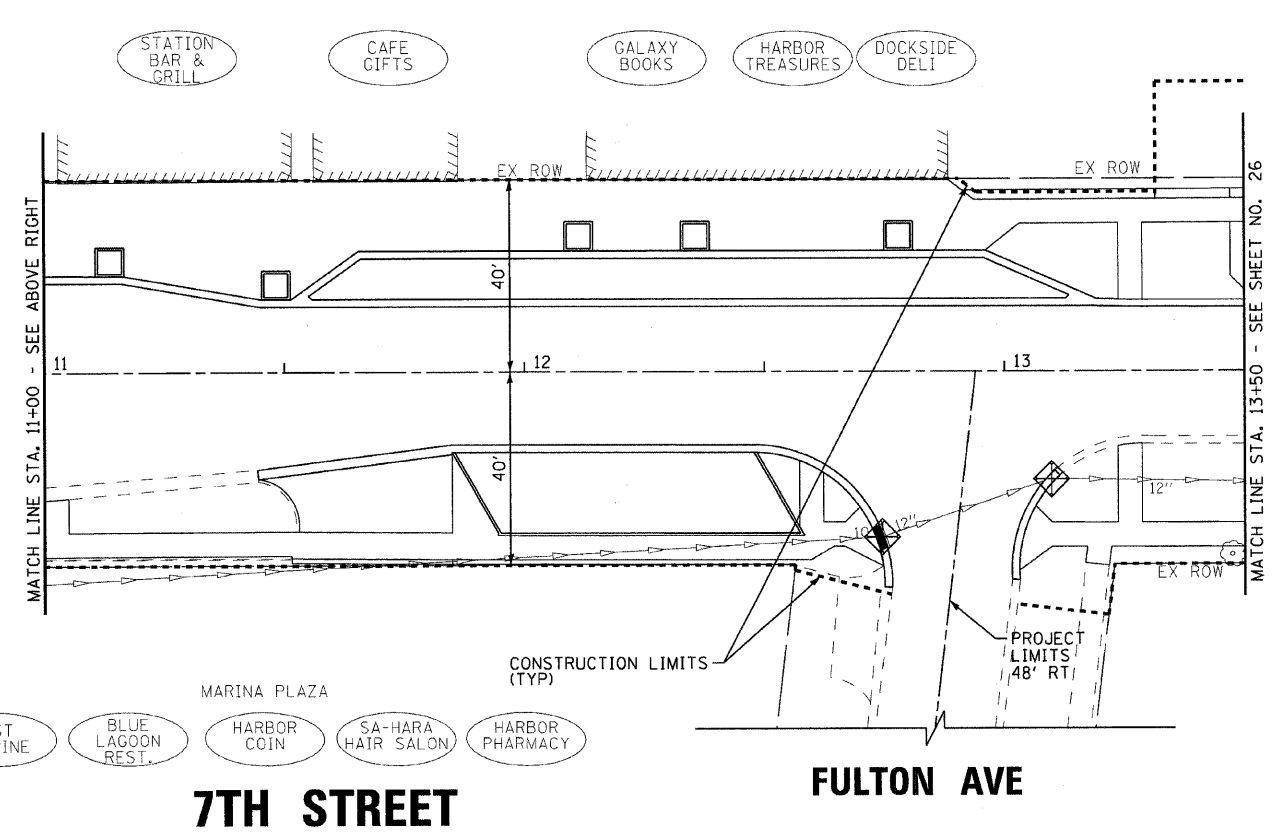
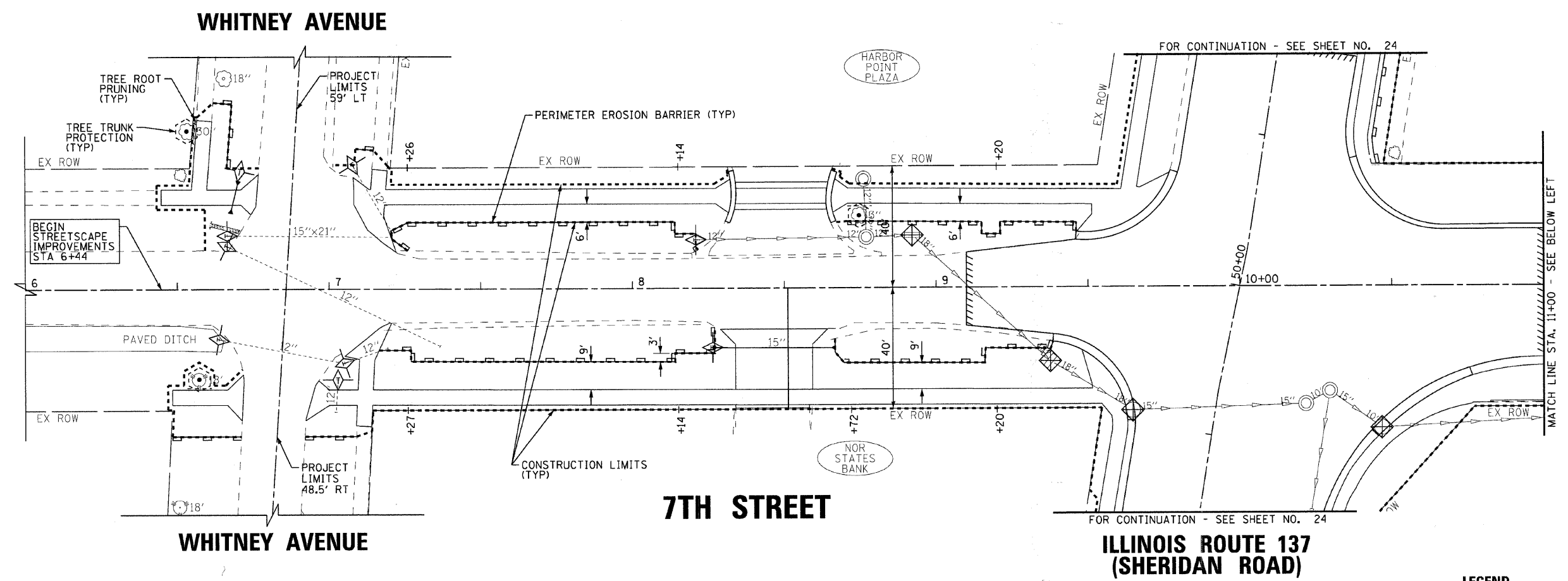
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00036-00-LS	LAKE	70	24
FED. ROAD DIST. NO. 1		CONTRACT NO. 63167		
JOB NO. C-91-197-10		ILLINOIS FED. AID PROJECT ARA-00018101		

SCALE: 1" = 20'

STA. 45+00 TO STA. 55+00

• F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)



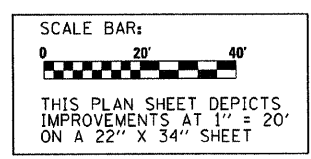


**LEGEND**

- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECKS
- INLET FILTERS
- TREE TRUNK PROTECTION
- TREE ROOT PRUNING

**SCHEDULE OF EROSION CONTROL QUANTITIES**

ITEM	UNIT	QUANTITY
TEMPORARY DITCH CHECKS	FOOT	126
PERIMETER EROSION BARRIER (INCLUDES MAINTENANCE)	FOOT	550
INLET FILTERS	EACH	6
TREE TRUNK PROTECTION	EACH	3
TREE ROOT PRUNING	EACH	3
TEMPORARY EROSION CONTROL SEEDING	POUND	15
MULCH, METHOD 1	ACRE	0.12



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**VILLAGE OF WINTHROP HARBOR, ILLINOIS**  
**ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7th STREET**  
**STREETScape IMPROVEMENTS**

**EROSION CONTROL PLAN**  
**7TH STREET**

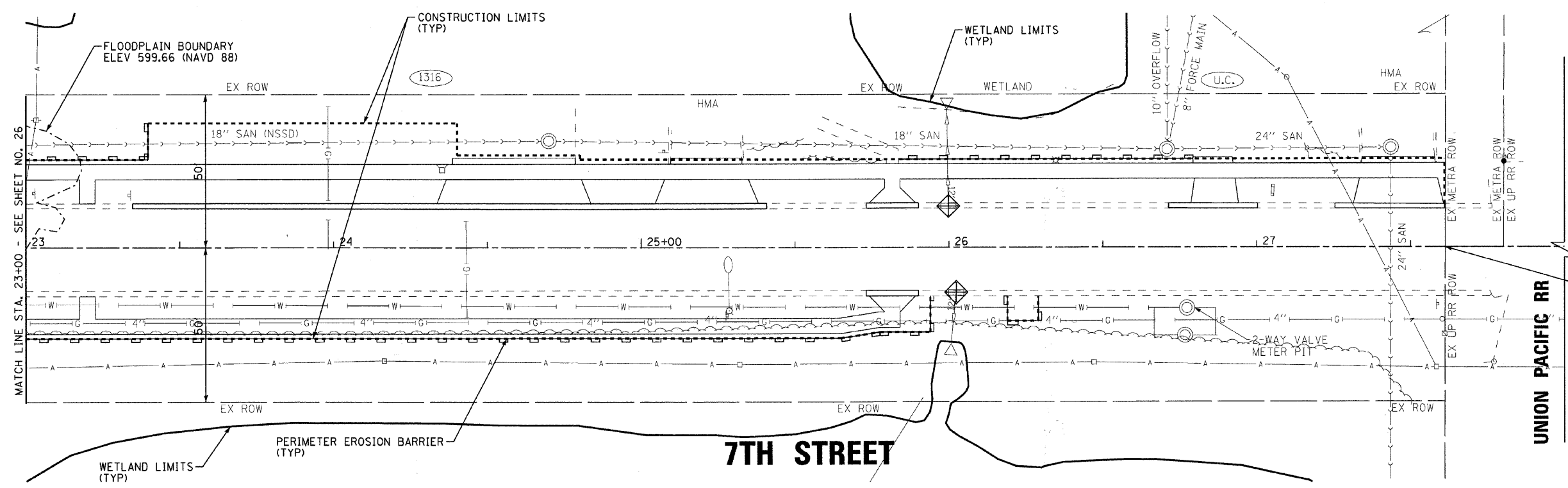
SCALE: 1" = 20'

STA. 6+00 TO STA. 13+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00036-00-LS	LAKE	70	25
FED. ROAD DIST. NO. 1		CONTRACT NO. 63167		
JOB NO. C-91-197-10		ILLINOIS FED. AID PROJECT ARA-00018101		

• F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)





END STREETSCAPE IMPROVEMENTS STA 27+61

**LEGEND**

- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECKS
- INLET FILTERS
- TREE TRUNK PROTECTION
- TREE ROOT PRUNING

**SCHEDULE OF EROSION CONTROL QUANTITIES**

TEMPORARY DITCH CHECKS	FOOT	0
PERIMETER EROSION BARRIER (INCLUDES MAINTENANCE)	FOOT	555
INLET FILTERS	EACH	2
TREE TRUNK PROTECTION	EACH	0
TREE ROOT PRUNING	EACH	0
TEMPORARY EROSION CONTROL SEEDING	POUND	29
MULCH, METHOD 1	ACRE	0.24

SCALE BAR:  
  
 THIS PLAN SHEET DEPICTS IMPROVEMENTS AT 1" = 20' ON A 22" X 34" SHEET

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DATE - 8-1-08	REVISED -

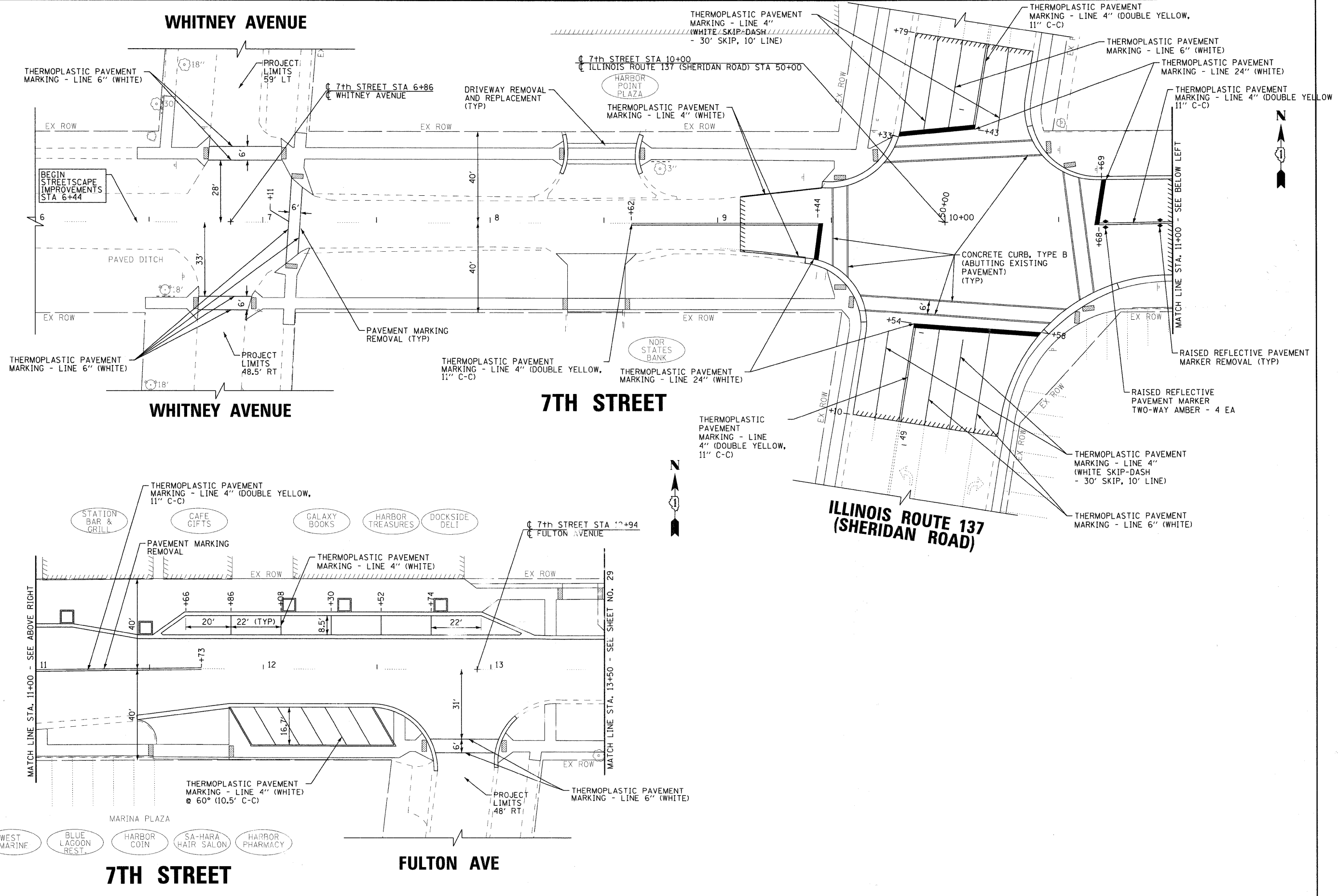
**VILLAGE OF WINTHROP HARBOR, ILLINOIS  
 ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7th STREET  
 STREETSCAPE IMPROVEMENTS**

**EROSION CONTROL PLAN  
 7th STREET**

SCALE: 1" = 20'      STA. 23+00 TO STA. 28+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00036-00-LS	LAKE	70	27
FED. ROAD DIST. NO. 1			CONTRACT NO. 63167	
JOB NO. C-91-197-10   ILLINOIS FED. AID PROJECT ARA-0001810				

• F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)



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DATE - 8-1-08	FILE - 060807-PM-1.sht

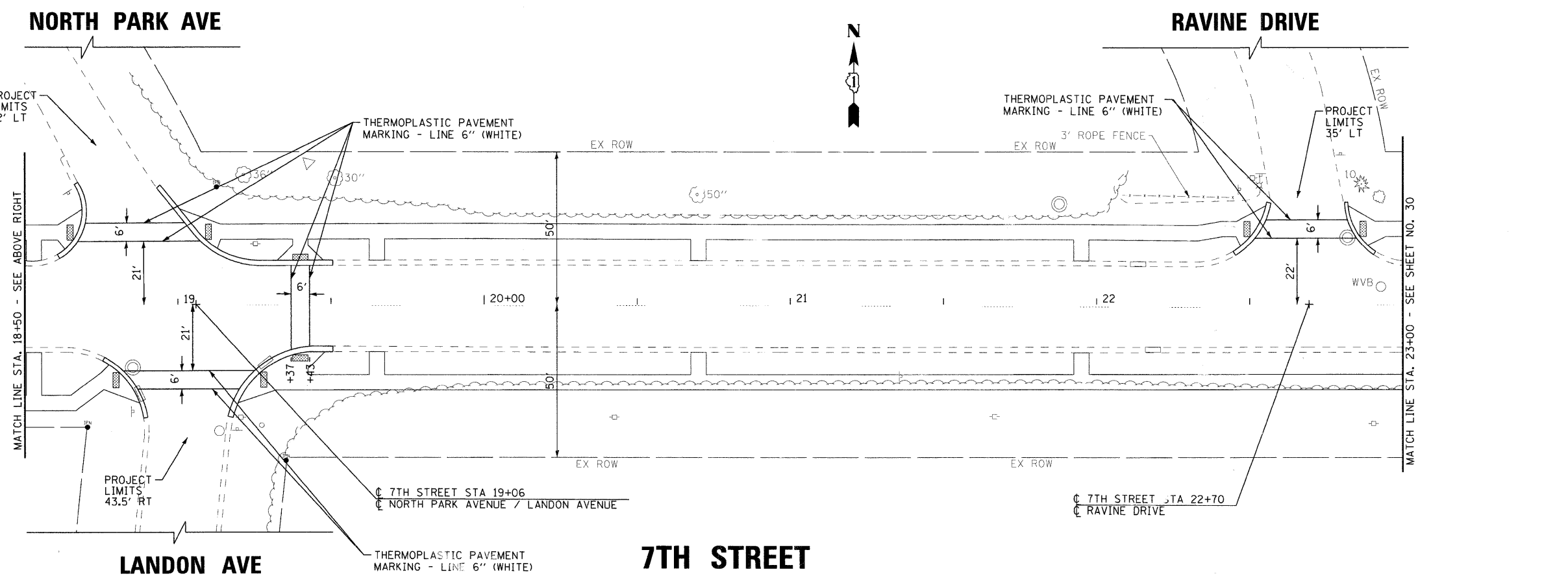
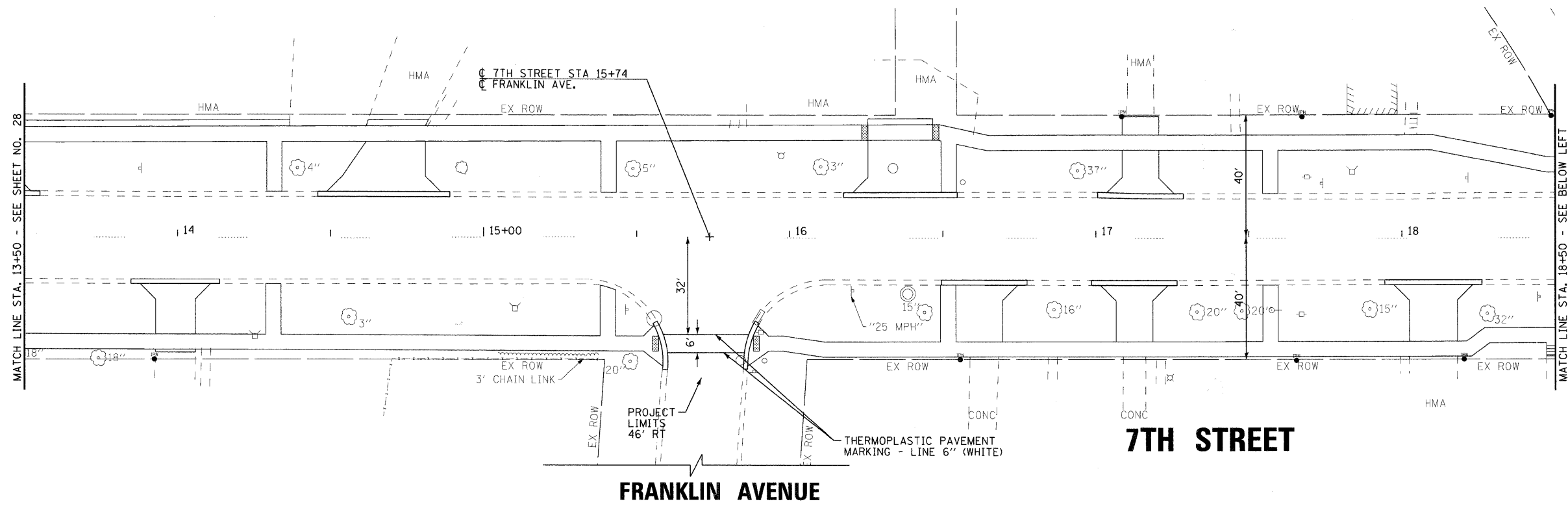
**VILLAGE OF WINTHROP HARBOR, ILLINOIS**  
**ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7th STREET**  
**STREETScape IMPROVEMENTS**

**PAVEMENT MARKING PLAN**  
**7TH STREET**

SCALE: 1" = 20'      STA. 6+00      TO STA. 13+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00036-00-LS	LAKE	70	28
FED. ROAD DIST. NO. 1		CONTRACT NO. 63167		
JOB NO. C-91-197-10		ILLINOIS FED. AID PROJECT ARA-00018101		

\* F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)



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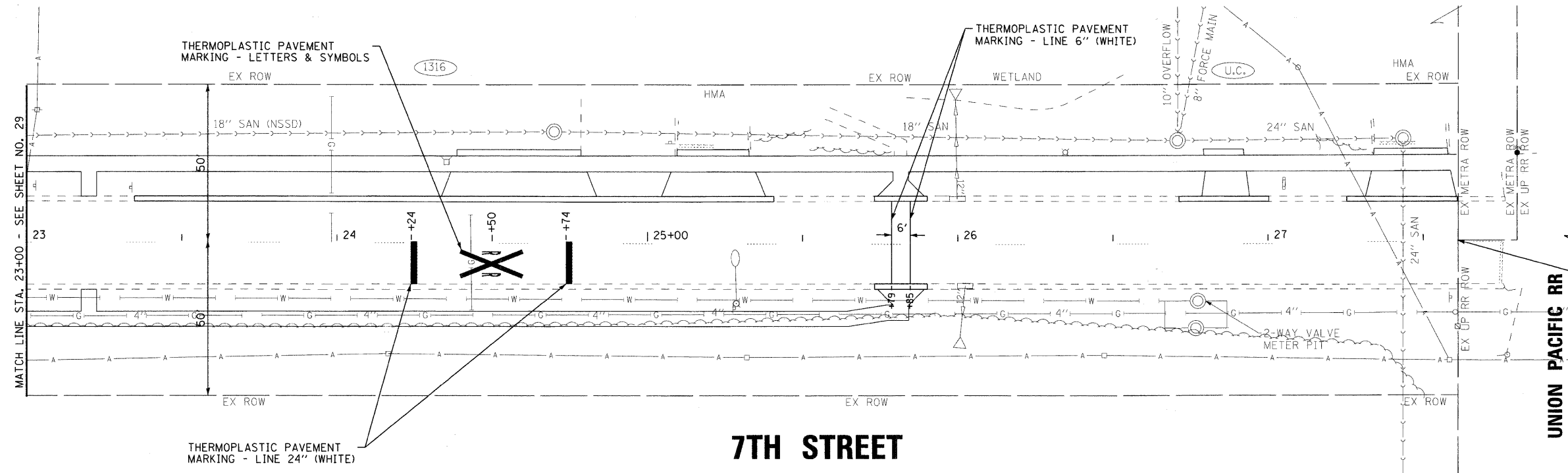
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DRAWN - CJC	REVISED - IDOT REVIEW 4/22/09
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DATE - 8-1-08	FILE - 060807-PM-2.sht

**VILLAGE OF WINTHROP HARBOR, ILLINOIS**  
**ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7th STREET**  
**STREETScape IMPROVEMENTS**

<b>PAVEMENT MARKING PLAN</b>	
<b>7TH STREET</b>	
SCALE: 1" = 20'	STA. 13+50 TO STA. 23+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00036-00-LS	LAKE	70	29
FED. ROAD DIST. NO. 1		CONTRACT NO. 63167		
JOB NO. C-91-197-10		ILLINOIS FED. AID PROJECT ARA-00018101		

• F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)



END STREETSCAPE IMPROVEMENTS STA 27+61

**7TH STREET**

**UNION PACIFIC RR**

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**VILLAGE OF WINTHROP HARBOR, ILLINOIS**  
**ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7th STREET**  
**STREETSCAPE IMPROVEMENTS**

**PAVEMENT MARKING PLAN**  
**7TH STREET**

SCALE: 1" = 20'

STA. 27+00 TO STA. 28+00

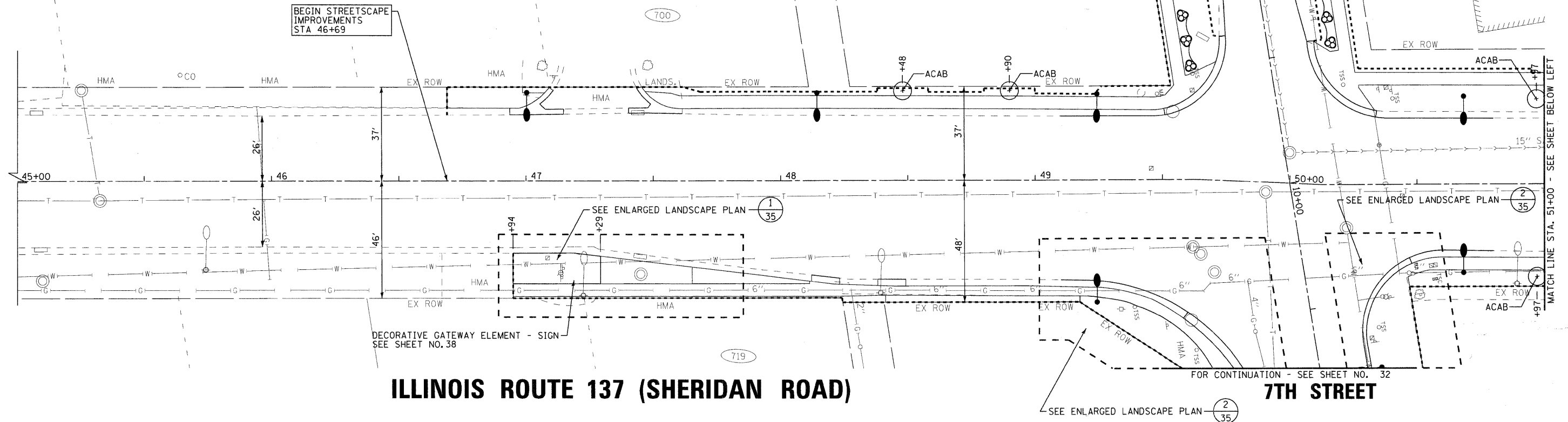
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•	06-00036-00-LS	LAKE	70	30
FED. ROAD DIST. NO. 1		CONTRACT NO. 63167		
JOB NO. C-91-197-10		ILLINOIS FED. AID PROJECT ARA-00018101		

• F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)



**7TH STREET**

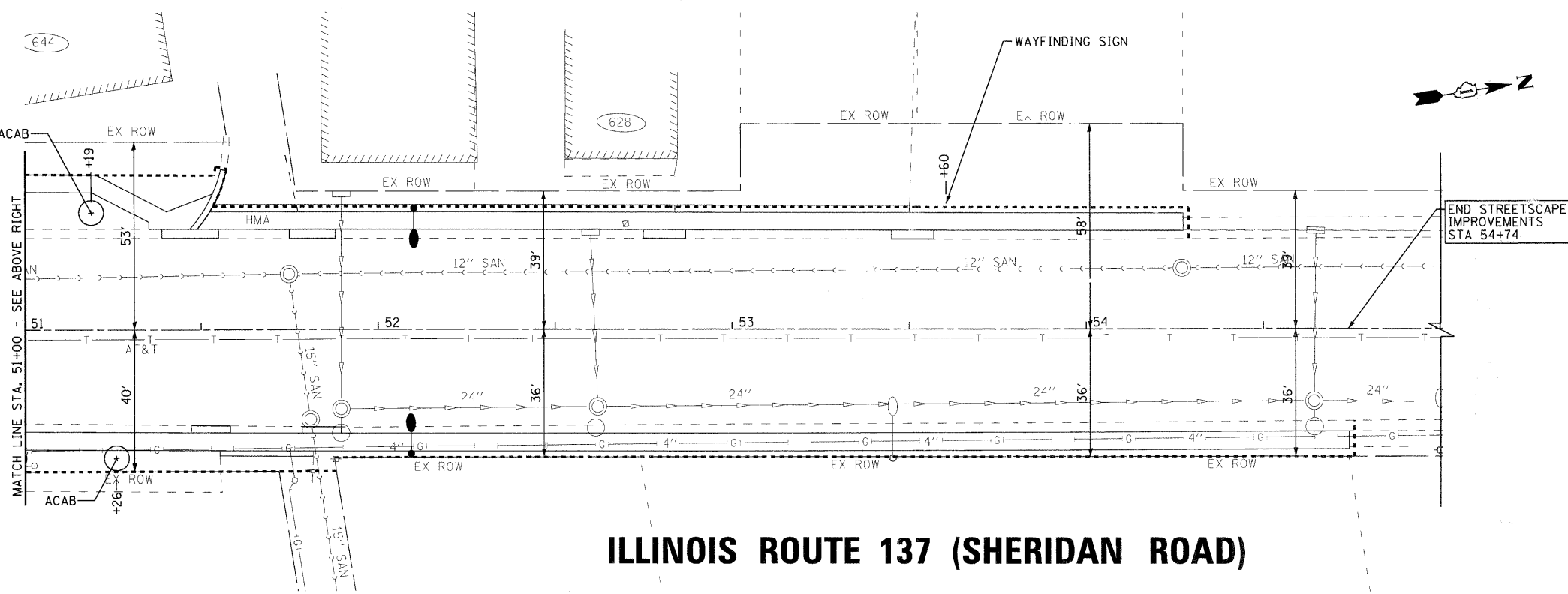
FOR CONTINUATION - SEE SHEET NO. 32



**ILLINOIS ROUTE 137 (SHERIDAN ROAD)**

**7TH STREET**

FOR CONTINUATION - SEE SHEET NO. 32



**ILLINOIS ROUTE 137 (SHERIDAN ROAD)**

**SCHEDULE OF TREES**

PAY ITEM	ABBREV.	QTY. (EA.)
TREE, ACER X FREEMANII AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE), 2 1/2" CALIPER, BALLED AND BURLAPPED	ACAB	6

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DATE - 8-1-08	FILE - 060807-landscape-4.sht

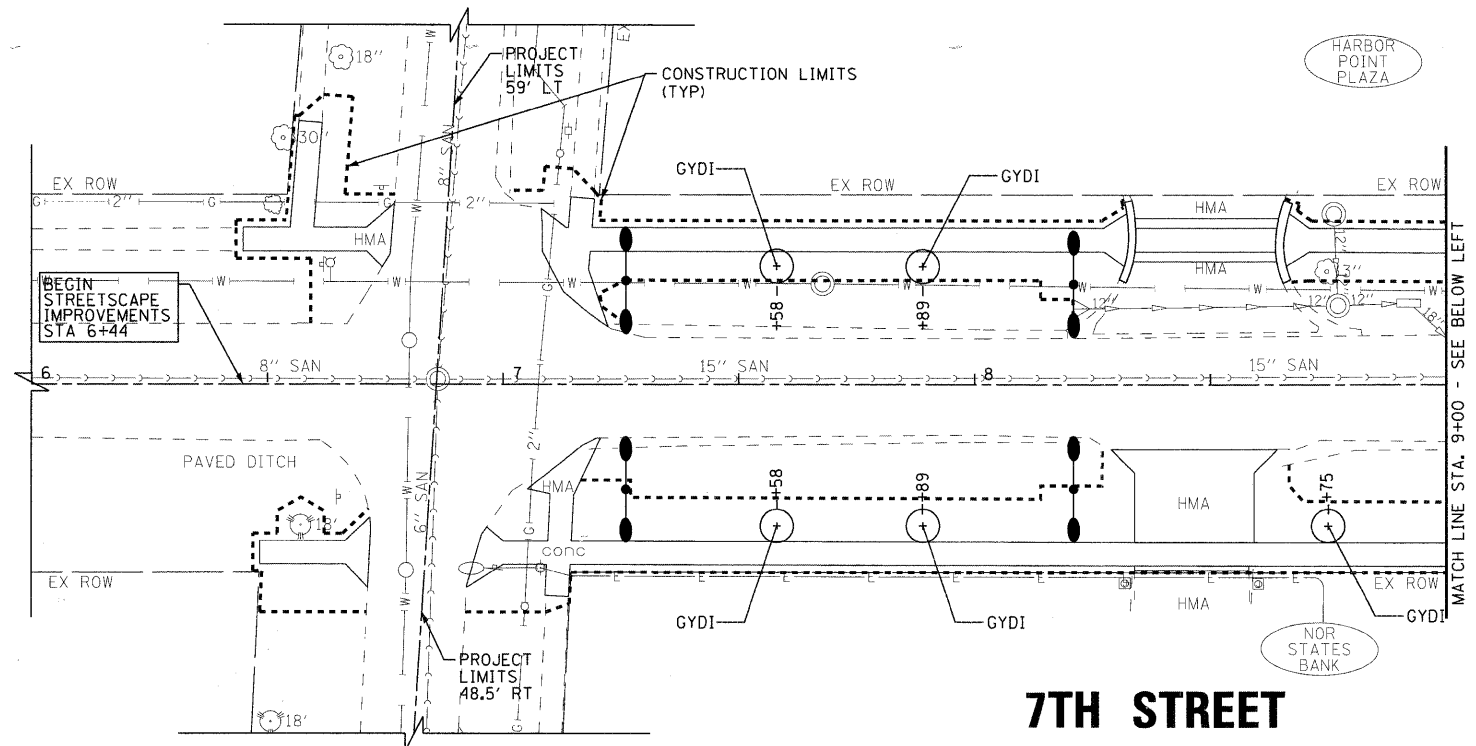
**VILLAGE OF WINTHROP HARBOR, ILLINOIS  
ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7th STREET  
STREETSCAPE IMPROVEMENTS**

**LANDSCAPING PLAN  
ILLINOIS ROUTE 137 (SHERIDAN ROAD)**  
SCALE: 1" = 20'  
STA. 45+00 TO STA. 55+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00036-00-LS	LAKE	70	31
FED. ROAD DIST. NO. 1		CONTRACT NO. -63167		
JOB NO. C-91-197-10		ILLINOIS FED. AID PROJECT ARA-00018101		

\* F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)

**WHITNEY AVENUE**

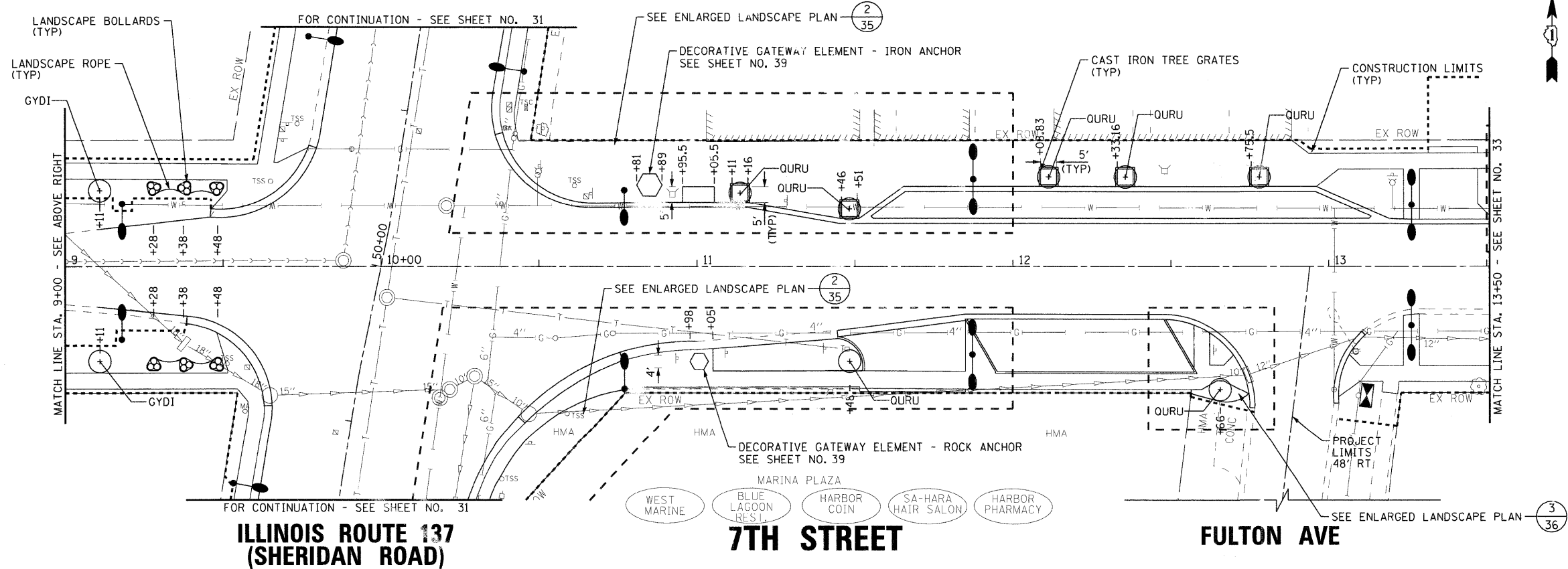


**WHITNEY AVENUE**

**7TH STREET**

**SCHEDULE OF TREES**

PAY ITEM	ABBREV.	QTY. (EA)
TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEE TREE), 2 1/2" CALIPER, BALLED AND BURLAPPED	GYDI	7
TREE, QUERCUS RUBRA (RED OAK), 3" CALIPER, BALLED AND BURLAPPED	OURU	7



**ILLINOIS ROUTE 137 (SHERIDAN ROAD)**

**7TH STREET**

**FULTON AVE**

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**VILLAGE OF WINTHROP HARBOR, ILLINOIS  
ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7th STREET  
STREETSCAPE IMPROVEMENTS**

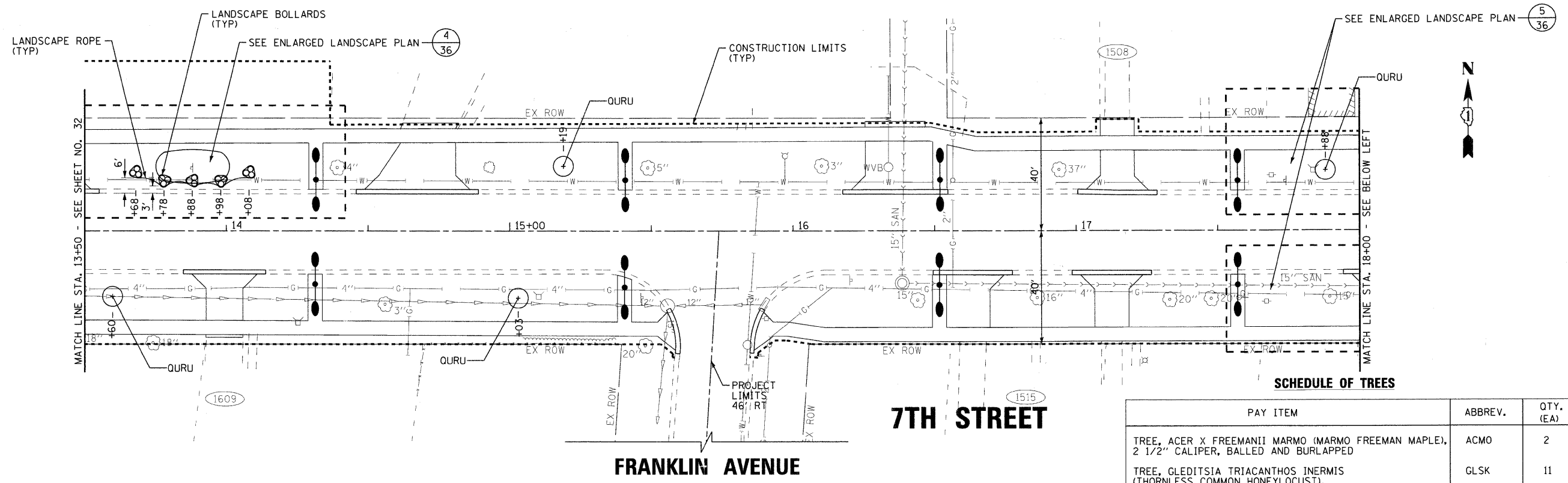
**LANDSCAPING PLAN  
7TH STREET**

SCALE: 1" = 20'

STA. 6+00 TO STA. 13+50

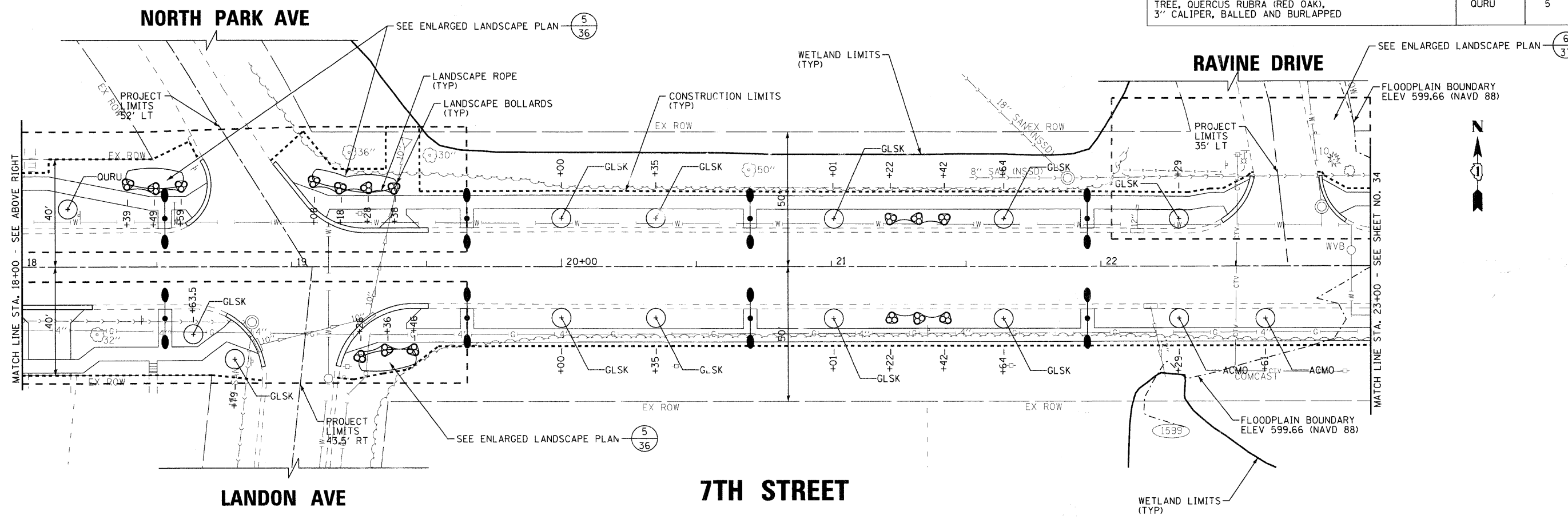
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00036-00-LS	LAKE	70	32
FED. ROAD DIST. NO. 1			CONTRACT NO. 63167	
JOB NO. C-91-197-10			ILLINOIS FED. AID PROJECT ARA-0001(810)	

\* F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)



SCHEDULE OF TREES

PAY ITEM	ABBREV.	QTY. (EA)
TREE, ACER X FREEMANII MARMO (MARMO FREEMAN MAPLE), 2 1/2" CALIPER, BALLED AND BURLAPPED	ACMO	2
TREE, GLEDITSIA TRIACANTHOS INERMIS (THORNLESS COMMON HONEYLOCUST), 2 1/2" CALIPER, BALLED AND BURLAPPED	GLSK	11
TREE, QUERCUS RUBRA (RED OAK), 3" CALIPER, BALLED AND BURLAPPED	OURU	5



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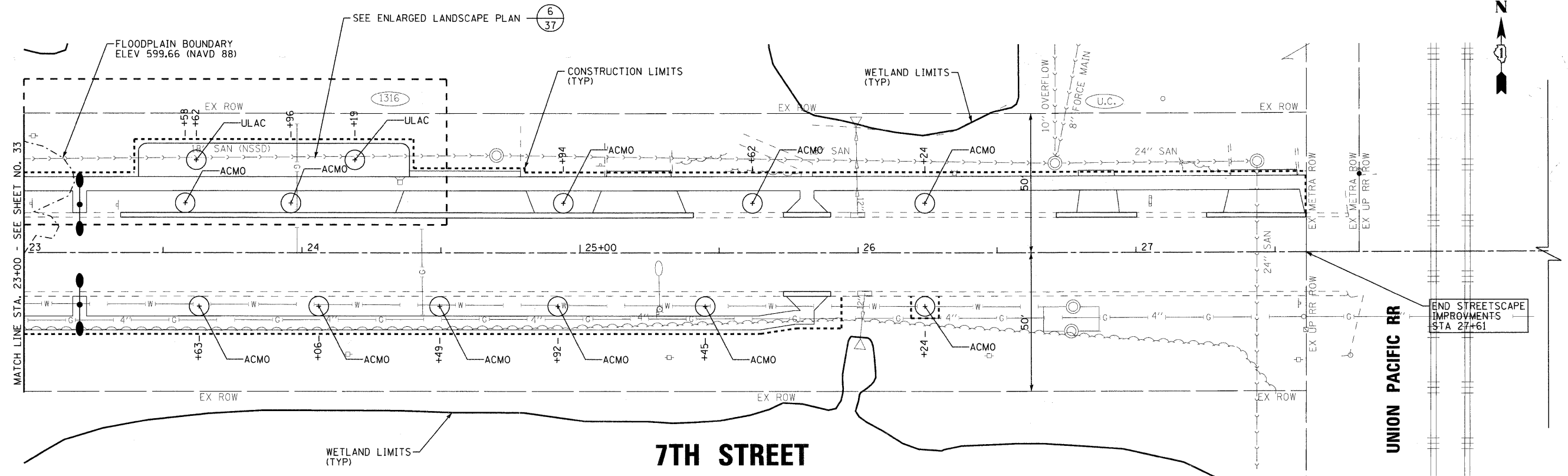
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DRAWN - CJC	REVISED - IDOT REVIEW 4/22/09
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DATE - 8-1-08	FILE - 060807-landscape-2.sht

**VILLAGE OF WINTHROP HARBOR, ILLINOIS**  
**ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7th STREET**  
**STREETSCAPE IMPROVEMENTS**

**LANDSCAPING PLAN**  
**7TH STREET**

SCALE: 1" = 20'      STA. 13+50      TO STA. 23+00

* F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
06-00036-00-LS	LAKE	70	33
FED. ROAD DIST. NO. 1	CONTRACT NO. 63167		
JOB NO. C-91-197-10	ILLINOIS FED. AID PROJECT ARA-00018101		



**SCHEDULE OF TREES**

PAY ITEM	ABBREV.	QTY. (EA)
TREE, ACER X FREEMANII MARMO (MARMO FREEMAN MAPLE), 2 1/2" CALIPER, BALLED AND BURLAPPED	ACMO	11
TREE, ULMUS CARPINIFOLIA MORTON (ACCOLADE ELM), 2 1/2" CALIPER, BALLED AND BURLAPPED	ULAC	2

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**VILLAGE OF WINTHROP HARBOR, ILLINOIS**  
**ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7th STREET**  
**STREETSCAPE IMPROVEMENTS**

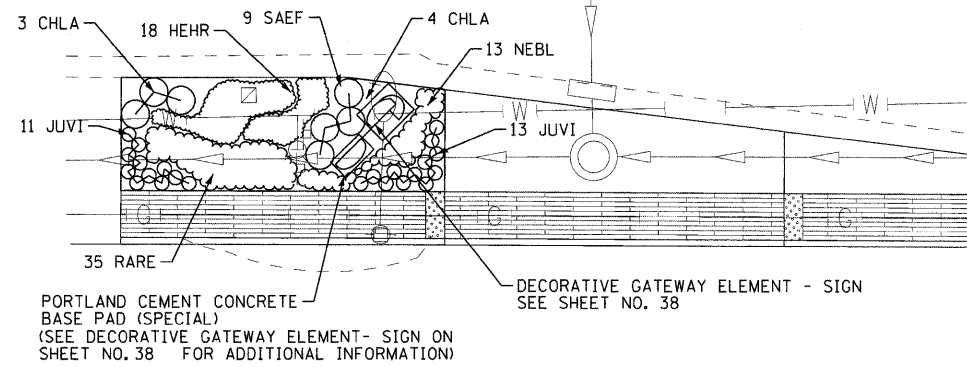
**LANDSCAPING PLAN**  
**7TH STREET**

SCALE: 1" = 20'      STA. 23+00      TO STA. 28+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00036-00-LS	LAKE	70	34
FED. ROAD DIST. NO. 1		CONTRACT NO. 63167		
JOB NO. C-91-197-10		ILLINOIS FED. AID PROJECT ARA-00018101		

\* F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)

**ILLINOIS ROUTE 137 (SHERIDAN ROAD)**



**1 ILLINOIS ROUTE 137 (SHERIDAN ROAD)**

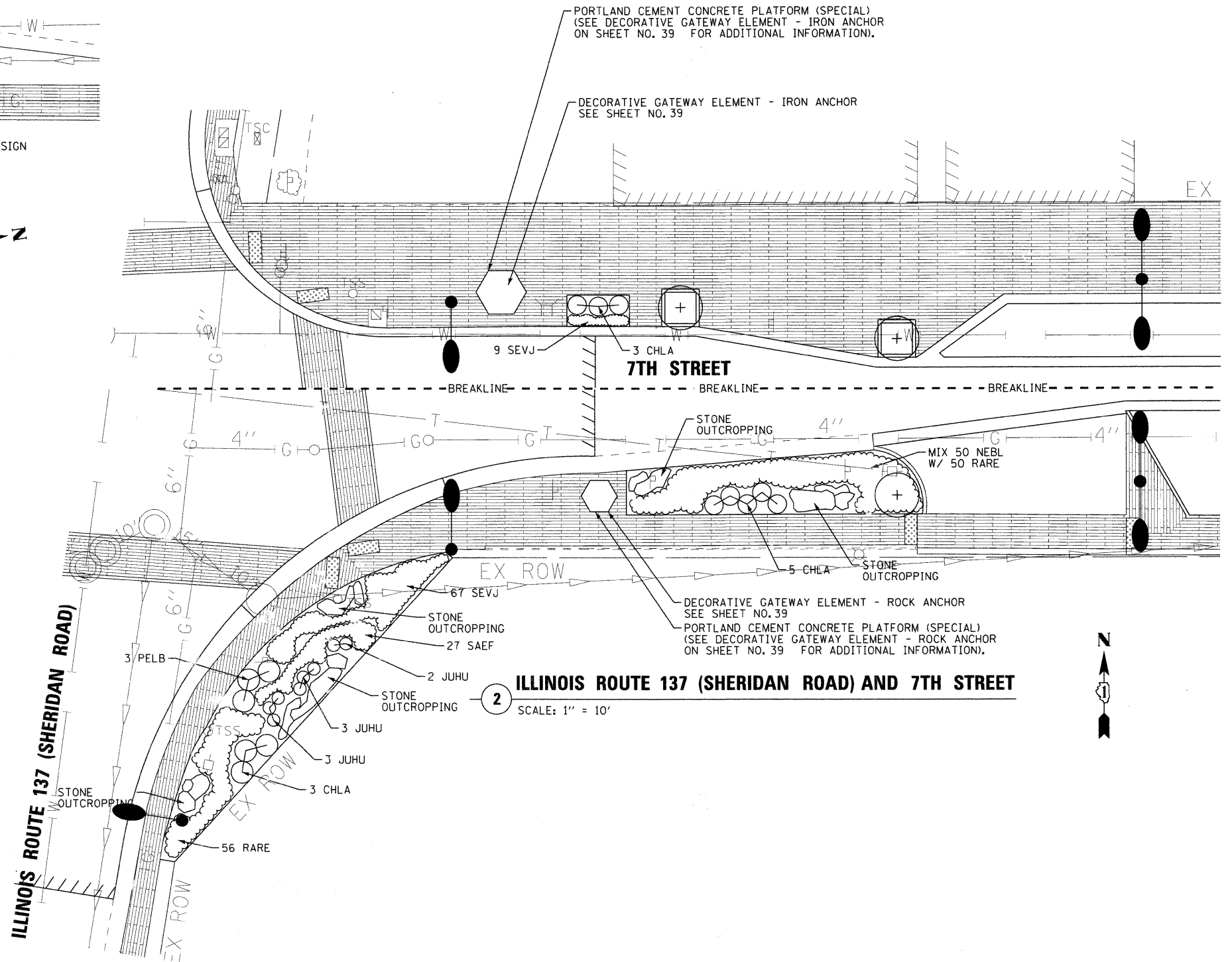
SCALE: 1" = 10'

**SCHEDULE OF PERENNIAL PLANT MATERIAL**

PERENNIAL	ABBREV.	QTY. (UNIT)	TOTAL QTY. SHEETS 35-37
PERENNIAL PLANTS, CHASMANTHIUM LATIFOLIUM (NORTHERN SEA OATS), 1 GALLON	CHLA	0.18	0.62
PERENNIAL PLANTS, PENNISETUM ALOPECUROIDES (FOUNTAIN GRASS), 1 GALLON	PELB	0.03	0.03
HEMEROCALLIS HAPPY RETURNS (HAPPY RETURNS DAYLILY), 1 GALLON	HEHR	0.18	1.52
NEPETA FASSINI BLUE WONDER (BLUE WONDER CATMINT), 1 GALLON	NEBL	0.63	1.98
PERENNIAL, RANUNCULUS REPENS (CREEPING BUTTERCUP), 1 GALLON	RARE	1.41	1.41
PERENNIAL, SEDUM VERA JAMESON (VERA JAMESON SEDUM), 1 GALLON	SEVJ	0.76	0.76
PERENNIAL, SALVIA NEMEROSA EAST FREISLAND (EAST FRIESLAND SALVIA), 1 GALLON	SAEF	0.36	0.36
SCHIZACHYRIUM SCOPARIUM	SCSC	0.00	0.14
LIATRIS SPICATA (BLAZING STAR), 1 GALLON	Liko	0.00	1.00

**SCHEDULE OF EVERGREEN PLANT MATERIAL**

EVERGREEN	ABBREV.	QTY. (UNIT)	TOTAL QTY. SHEETS 35-37
EVERGREEN, JUNIPERUS HORIZONTALIS HUGHES (HUGHES JUNIPER), 18" WIDTH BALLED AND BURLAPPED	JUHU	8	8
EVERGREEN, JUNIPERUS CHINENSIS VAR. SARGENTII VIRIDIS (GREEN SARGENT JUNIPER), 1-1/2", BALLED AND BURLAPPED	JUVI	24	24



**2 ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7TH STREET**

SCALE: 1" = 10'

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DATE - 8-1-08	FILE - 060807-lands-enlarge1.sht

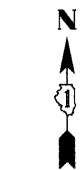
**VILLAGE OF WINTHROP HARBOR, ILLINOIS  
ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7th STREET  
STREETSCAPE IMPROVEMENTS**

**ENLARGED LANDSCAPE PLAN  
ILLINOIS ROUTE 134 (SHERIDAN ROAD) AND 7TH STREET**

SCALE: 1" = 10'

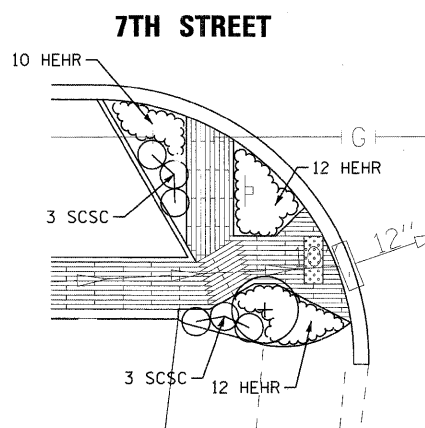
STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00036-00-LS	LAKE	70	35
FED. ROAD DIST. NO. 1			CONTRACT NO. 63167	
JOB NO. C-91-197-10			ILLINOIS FED. AID PROJECT ARA-00018101	

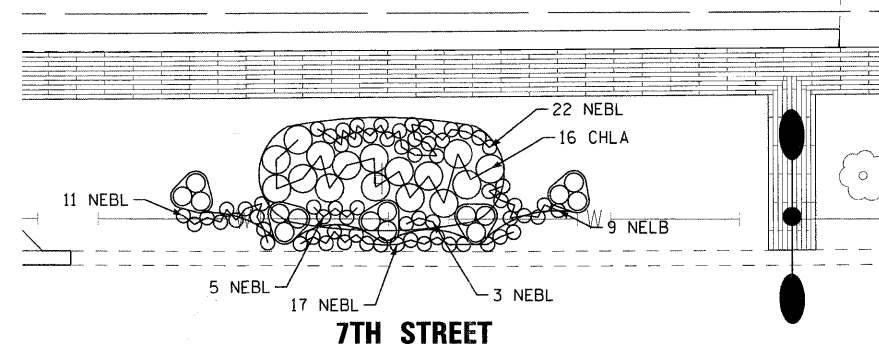


**SCHEDULE OF PLANT MATERIAL**

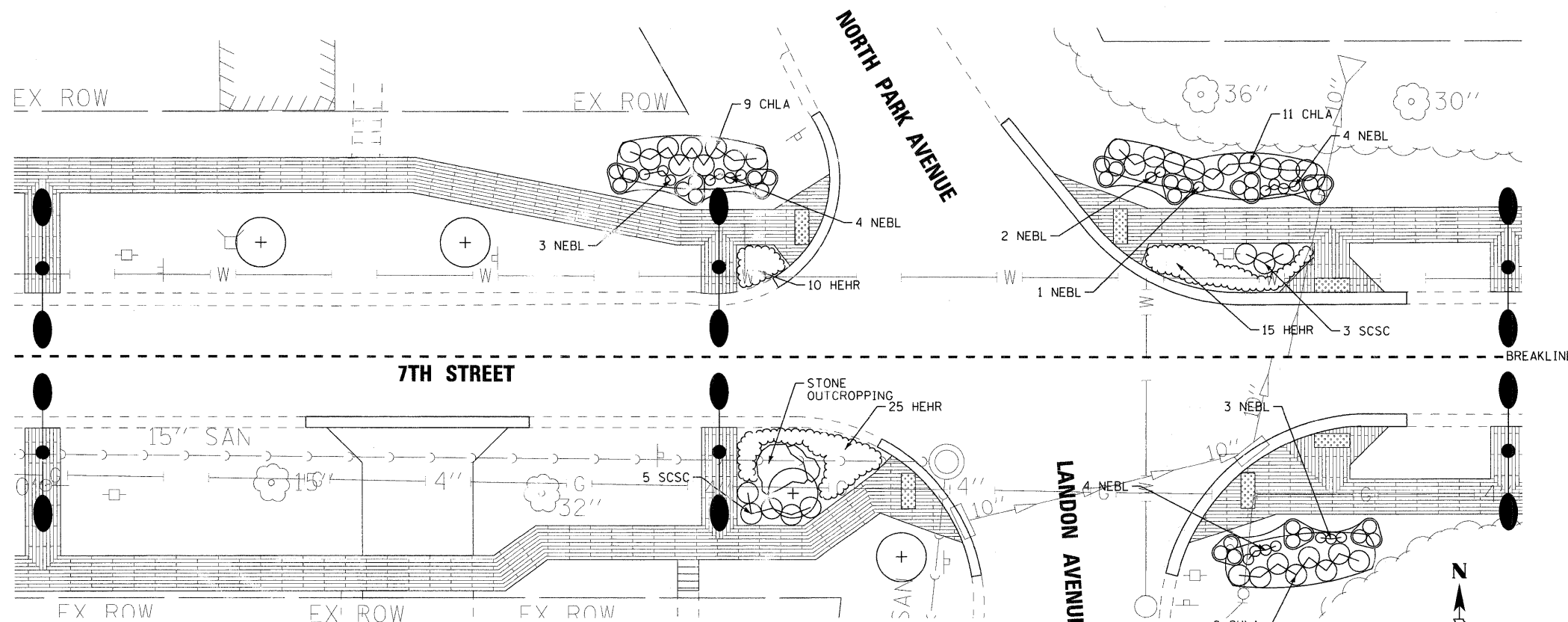
PAY ITEM	ABBREV.	QTY. THIS SHEET (UNIT)
PERENNIAL PLANTS, CHASMANTHIUM LATIFOLIUM (NORTHERN SEA OATS), 1 GALLON	CHLA	0.44
SCHIZACHYRIUM SCOPARIUM	SCSC	0.14
HEMEROCALLIS HAPPY RETURNS (HAPPY RETURNS DAYLILY), 1 GALLON	HEHR	0.84
NEPETA FASSINI BLUE WONDER (BLUE WONDER CATMINT), 1 GALLON	NEBL	0.88



**3 7TH STREET AND FULTON AVENUE**  
SCALE: 1" = 10'



**4 7TH STREET**  
SCALE: 1" = 10'



**5 7TH STREET AND NORTH PARK AVENUE / LANDON AVENUE**  
SCALE: 1" = 10'

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DATE - 8-1-08	FILE - 060807-lands-enlarged.sht

**VILLAGE OF WINTHROP HARBOR, ILLINOIS**  
**ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7th STREET**  
**STREETSCAPE IMPROVEMENTS**

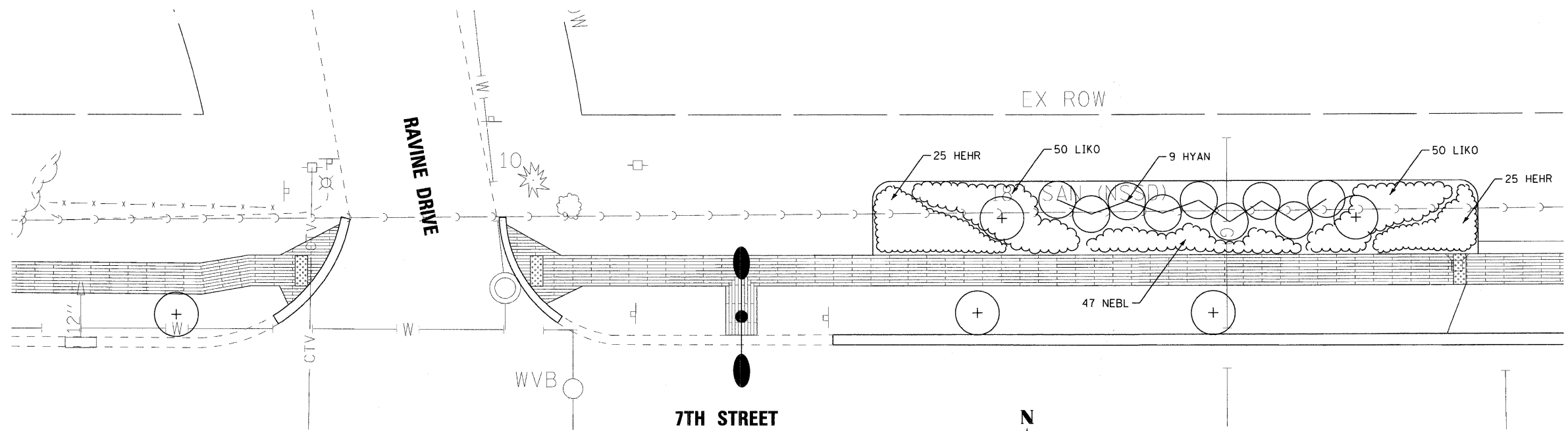
**ENLARGED LANDSCAPE PLAN**  
**7TH STREET**

SCALE: 1" = 10' STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00036-00-LS	LAKE	70	36
FED. ROAD DIST. NO. 1		CONTRACT NO. 63167		
JOB NO. C-91-197-10		ILLINOIS FED. AID PROJECT ARA-00011810		

• F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)





**6 7TH STREET AND RAVINE DRIVE**  
SCALE: 1" = 10'

**SCHEDULE OF PLANT MATERIAL**

PAY ITEM	ABBREV.	QTY. THIS SHEET (UNIT)
SHRUB, HYDRANGEA ARBORESCENS ANNABELLE (ANNABELLE SMOOTH HYDRANGEA), 2' HEIGHT BALLED AND BURLAPPED	HYAN	0.09
HEMEROCALLIS HAPPY RETURNS (HAPPY RETURNS DAYLILY), 1 GALLON	HEHR	0.50
LIATRIS SPICATA (BLAZING STAR), 1 GALLON	LIKO	1.00
NEPETA FASSINI BLUE WONDER (BLUE WONDER CATMINT), 1 GALLON	NEBL	0.47

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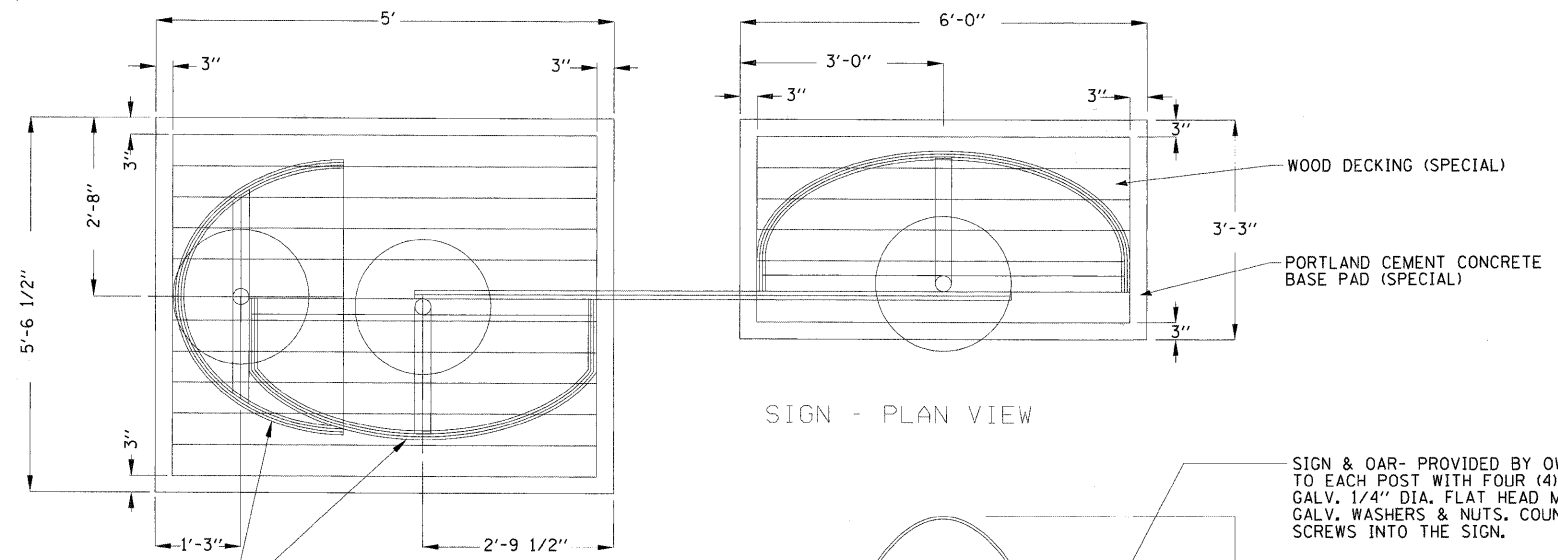
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DATE - 8-1-08	FILE - 060807-lands-enlarge1.sht

**VILLAGE OF WINTHROP HARBOR, ILLINOIS**  
**ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7th STREET**  
**STREETScape IMPROVEMENTS**

**ENLARGED LANDSCAPE PLAN**  
**7TH STREET**  
 SCALE: 1" = 10'      STA.      TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00036-00-LS	LAKE	70	37
FED. ROAD DIST. NO. 1		CONTRACT NO. 63167		
JOB NO. C-91-197-10		ILLINOIS FED. AID PROJECT ARA-00018101		

• F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)



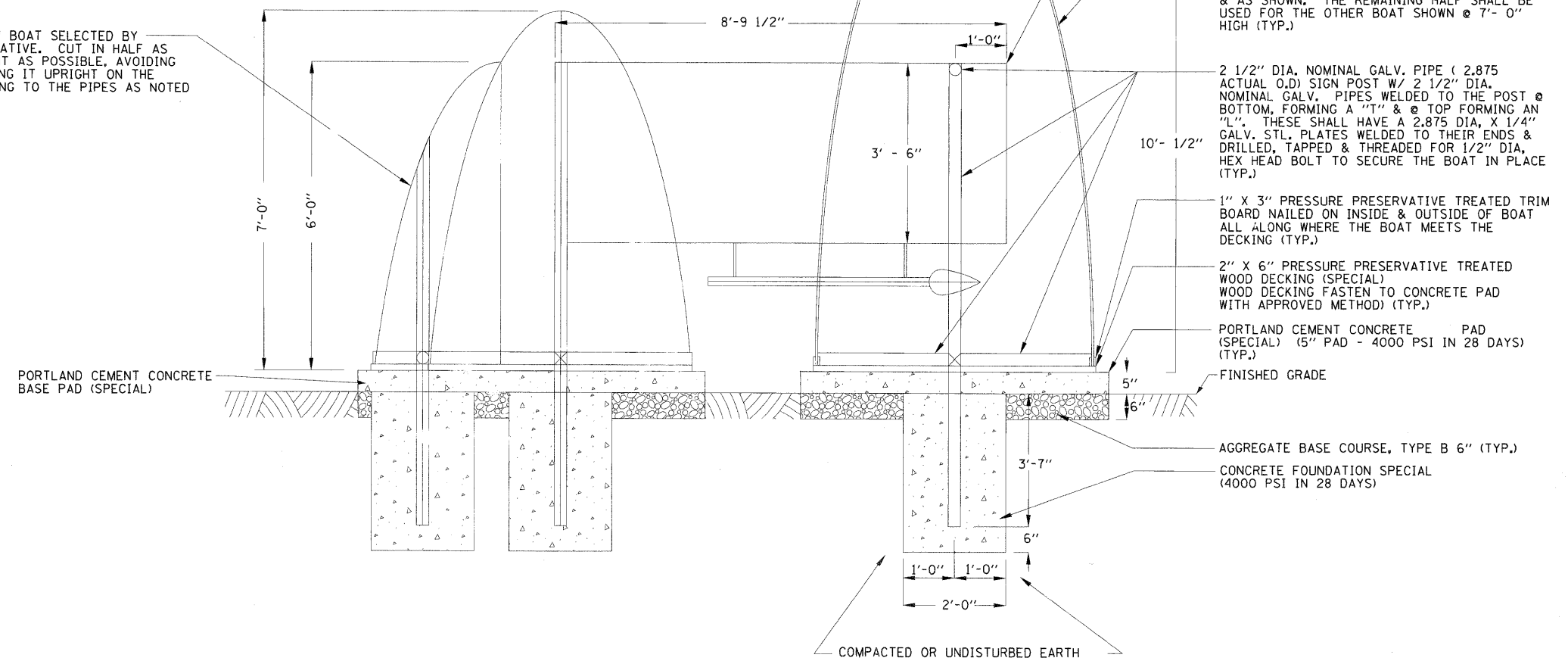
SIGN - PLAN VIEW

THE ACTUAL LOCATION OF THE BOATS WILL BE DETERMINED IN THE FIELD BY THE OWNER'S REPRESENTATIVE.

BOAT - 12' LG. ROW BOAT SELECTED BY OWNER'S REPRESENTATIVE. CUT IN HALF AS CLEANLY & STRAIGHT AS POSSIBLE, AVOIDING ANY DAMAGE, SETTING IT UPRIGHT ON THE DECKING & ANCHORING TO THE PIPES AS NOTED & AS SHOWN.

SIGN & OAR- PROVIDED BY OWNER & FASTENED TO EACH POST WITH FOUR (4) EQUALLY SPACE GALV. 1/4" DIA. FLAT HEAD MACHINE SCREWS W/ GALV. WASHERS & NUTS. COUNTERSINK THE SCREWS INTO THE SIGN.

BOAT - 20' LG. ROW BOAT SELECTED BY OWNER'S REPRESENTATIVE. CUT IN HALF AS CLEANLY & STRAIGHT AS POSSIBLE, AVOIDING ANY DAMAGE, SETTING IT UPRIGHT ON THE DECKING & ANCHORING TO THE PIPES AS NOTED & AS SHOWN. THE REMAINING HALF SHALL BE USED FOR THE OTHER BOAT SHOWN @ 7'- 0" HIGH (TYP.)



SIGN - ELEVATION

DECORATIVE GATEWAY ELEMENT - SIGN DETAIL

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 BAXTER & WOODMAN, INC. 4010559 PM 07/16/2009



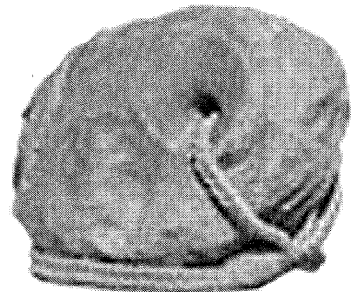
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DRAWN -	REVISED - IDOT REVIEW 4/22/09
CHECKED - MDW	REVISED -
DATE - 8-1-08	FILE - 060807-lands-det-1.sht

VILLAGE OF WINTHROP HARBOR, ILLINOIS  
 ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7th STREET  
 STREETSCAPE IMPROVEMENTS

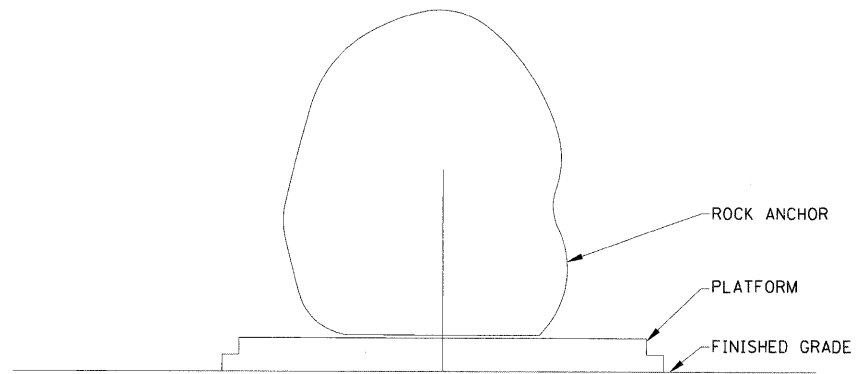
LANDSCAPING DETAILS

SCALE: NONE STA. TO STA.

F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)				
F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00036-00-LS	LAKE	70	38
FED. ROAD DIST. NO. 1			CONTRACT NO. 63167	
JOB NO. C-91-197-10		ILLINOIS FED. AID PROJECT ARA-00018101		



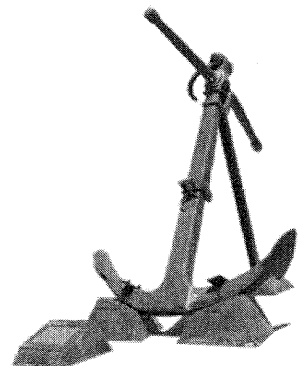
EXAMPLE IMAGE FOR REFERENCE ONLY



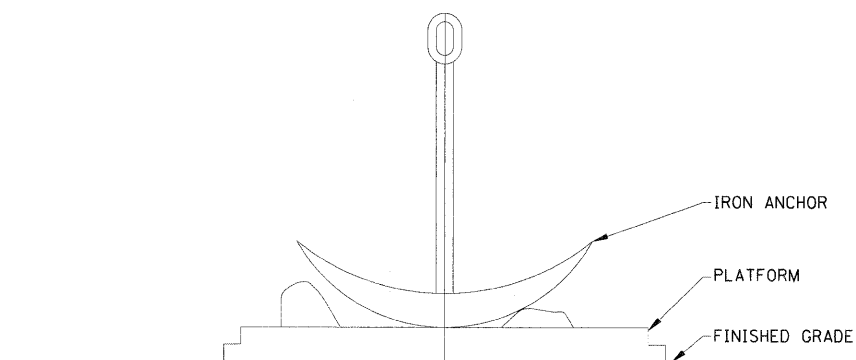
ELEVATION

**DECORATIVE GATEWAY ELEMENT - ROCK ANCHOR  
DETAIL**

NOTE:  
SECURING THE IRON & ROCK ANCHORS TO THE PLATFORMS SHALL BE DETERMINED IN THE FIELD AFTER THE SELECTION OF THE ANCHORS HAS BEEN MADE BY THE OWNER. THE WORK & MATERIALS SHALL BE INCLUDED IN THE ALLOWANCE ESTABLISHED IN THE BID PROPOSAL FOR THE PURCHASE, DELIVERY & PLACEMENT OF EACH ANCHOR.

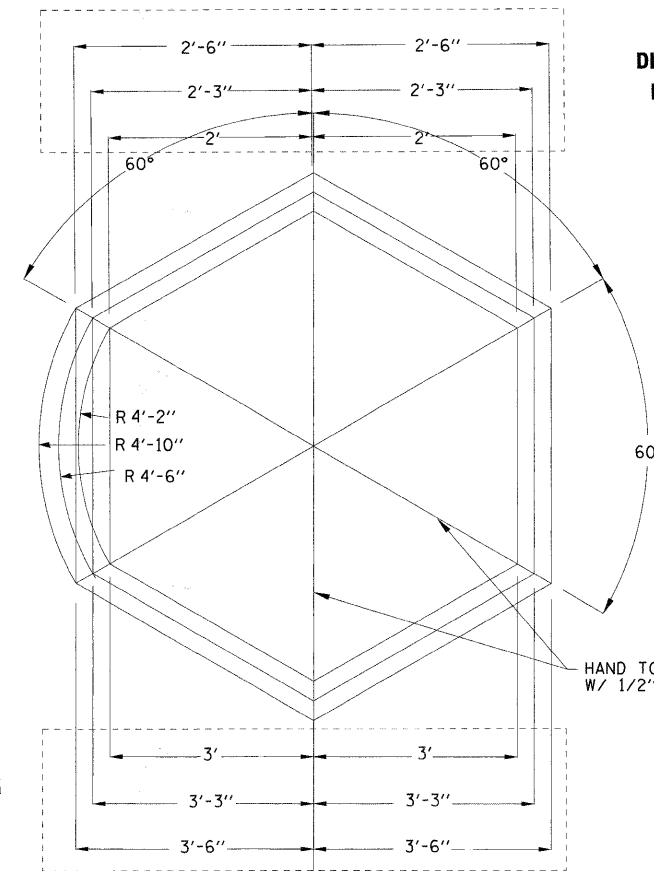


EXAMPLE IMAGE FOR REFERENCE ONLY



IRON ANCHOR - ELEVATION

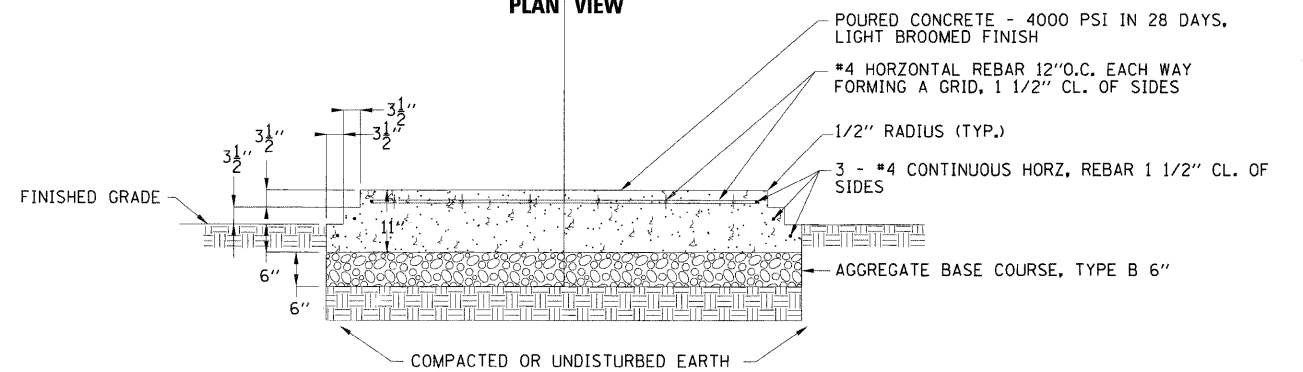
**DECORATIVE GATEWAY ELEMENT - IRON ANCHOR  
DETAIL**



DIMENSIONS FOR  
ROCK ANCHOR

DIMENSIONS FOR  
IRON ANCHOR

PLAN VIEW



**SECTION  
PORTLAND CEMENT CONCRETE PLATFORM (SPECIAL)  
DETAIL**

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DRAWN - CJC	REVISED - IDOT REVIEW 4/22/09
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DATE - 8-1-08	FILE - 060807-lands-det-1.sht

**VILLAGE OF WINTHROP HARBOR, ILLINOIS  
ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7th STREET  
STREETSCAPE IMPROVEMENTS**

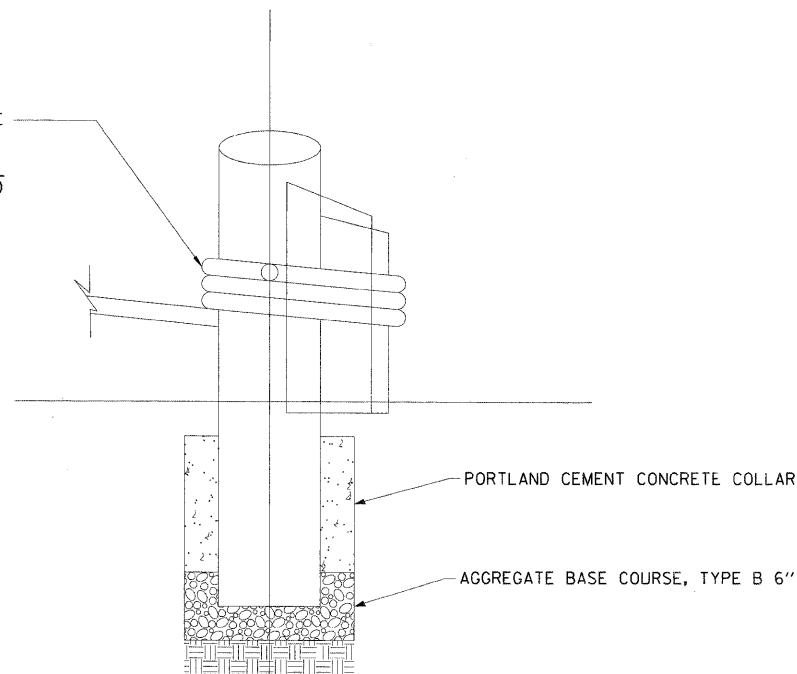
**LANDSCAPING DETAILS**

SCALE: NONE

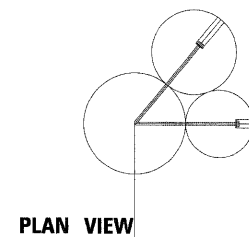
STA. TO STA.

* F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00036-00-LS	LAKE	70	39
FED. ROAD DIST. NO. 1		CONTRACT NO. 63167		
JOB NO. C-91-197-10	ILLINOIS FED. AID PROJECT ARA-0001(810)			

MOORING ROPE - 3" DIA. NYLON ROPE SHALL BE FIRST PLACED IN A 3" DIA. X 6" DP. HOLE BORED INTO THE LARGE BOLLARD & PINNED TO IT WITH A 6" LG GALV. NAIL. THE ROPE SHALL THEN BE TIGHTLY WOUND AROUND ALL THREE (3) BOLLARDS, THREE (3) COMPLETE TURNS, & PINNED WITH A 6" LG GALV. NAIL & THEN CONTINUE ON TO THE NEXT GROUPING OF BOLLARDS. THIS WORK SHALL BE DONE IN THE PRESENCE OF THE OWNER'S REPRESENTATIVE.



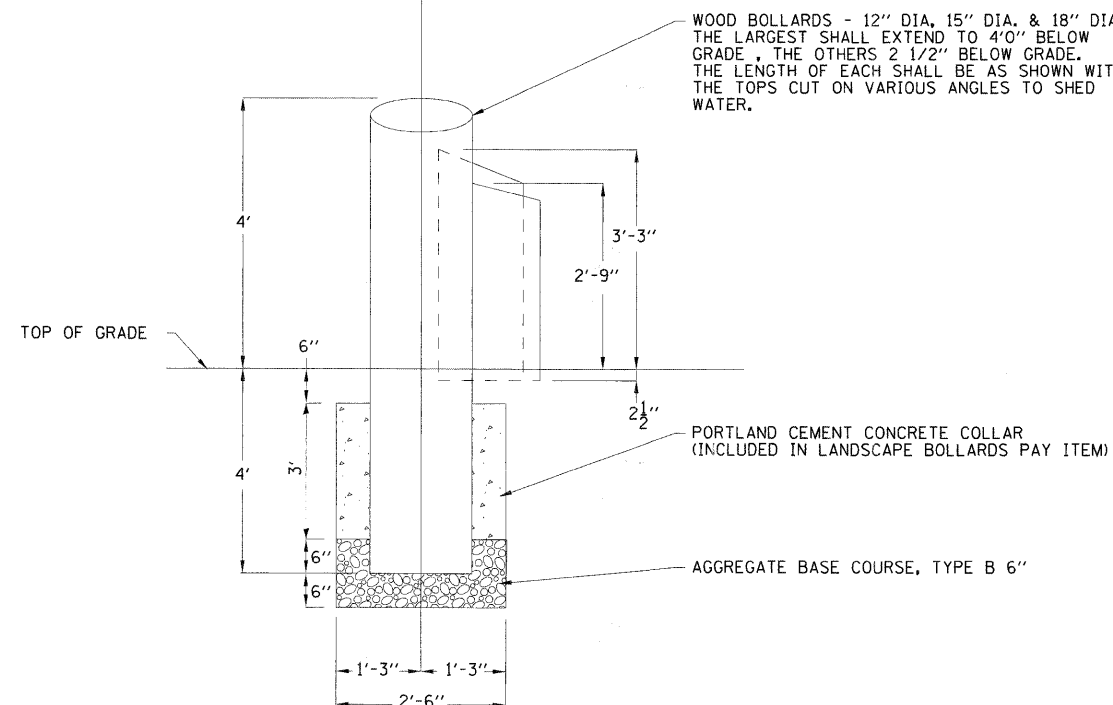
LANDSCAPE ROPE - ELEVATION



PLAN VIEW

WOOD BOLLARDS - SHALL BE PINNED TOGETHER WITH TWO (2) 1/2" DIA. X 18' LG. GALV. HEX LAG SCREWS FROM EACH OF SMALLER BOLLARD INTO THE LARGE BOLLARD 9" DP. A 7/16" DIA. PILOT HOLE SHALL BE DRILLED FIRST FOLLOWED BY A 1 1/2" DIA. COUNTERBORE TO THE DEPTH NECESSARY SO THAT THE SCREW EXTENDS INTO THE LARGE BOLLARD 9" DEEP. THEN PLACE & GLUE IN THE COUNTERBORE HOLE A 1 1/2" DIA. X 3" LG. WOOD PLUG. SAND EXPOSED END SMOOTH TO MEET BOLLARD EXTERIOR. PRIOR TO FASTENING THE BOLLARDS TOGETHER ROTATE THE BOLLARDS TO FIND THE BEST PLACE TO FIT & BUTT THEM TOGETHER. THIS SHALL BE DONE IN THE PRESENCE OF THE OWNER'S REPRESENTATIVE.

WOOD BOLLARDS - 12" DIA, 15" DIA. & 18" DIA., THE LARGEST SHALL EXTEND TO 4'0" BELOW GRADE, THE OTHERS 2 1/2" BELOW GRADE. THE LENGTH OF EACH SHALL BE AS SHOWN WITH THE TOPS CUT ON VARIOUS ANGLES TO SHED WATER.



LANDSCAPE BOLLARDS - SECTION

LANDSCAPE ROPE AND LANDSCAPE BOLLARDS DETAIL

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VILLAGE OF WINTHROP HARBOR, ILLINOIS  
 ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7th STREET  
 STREETScape IMPROVEMENTS

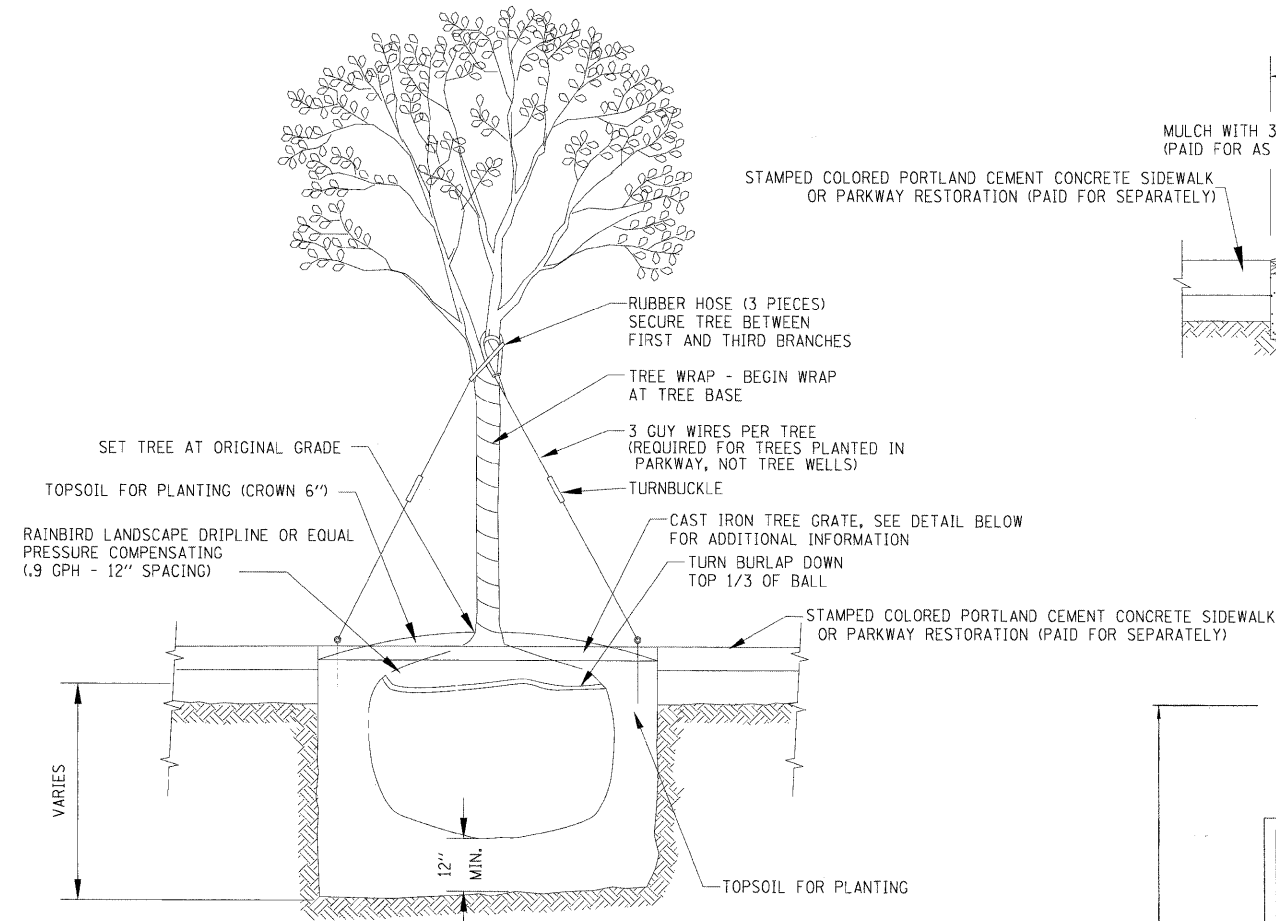
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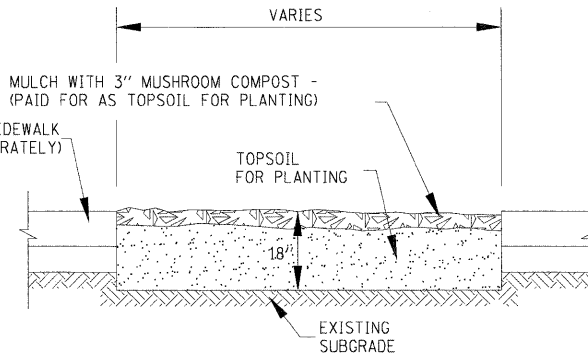
STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO. 1		CONTRACT NO. 63167		
JOB NO. C-91-197-10		ILLINOIS FED. AID PROJECT ARA-00016101		

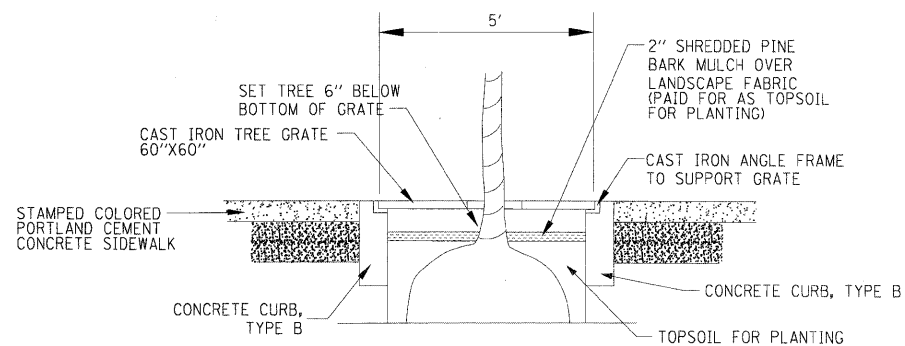
\* F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)



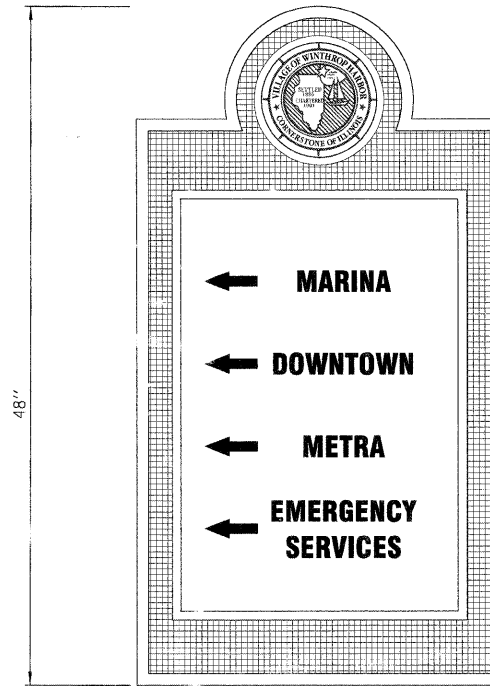
SECTION  
TREE WELL PLANTING / TREE DRIPLINE  
NO SCALE



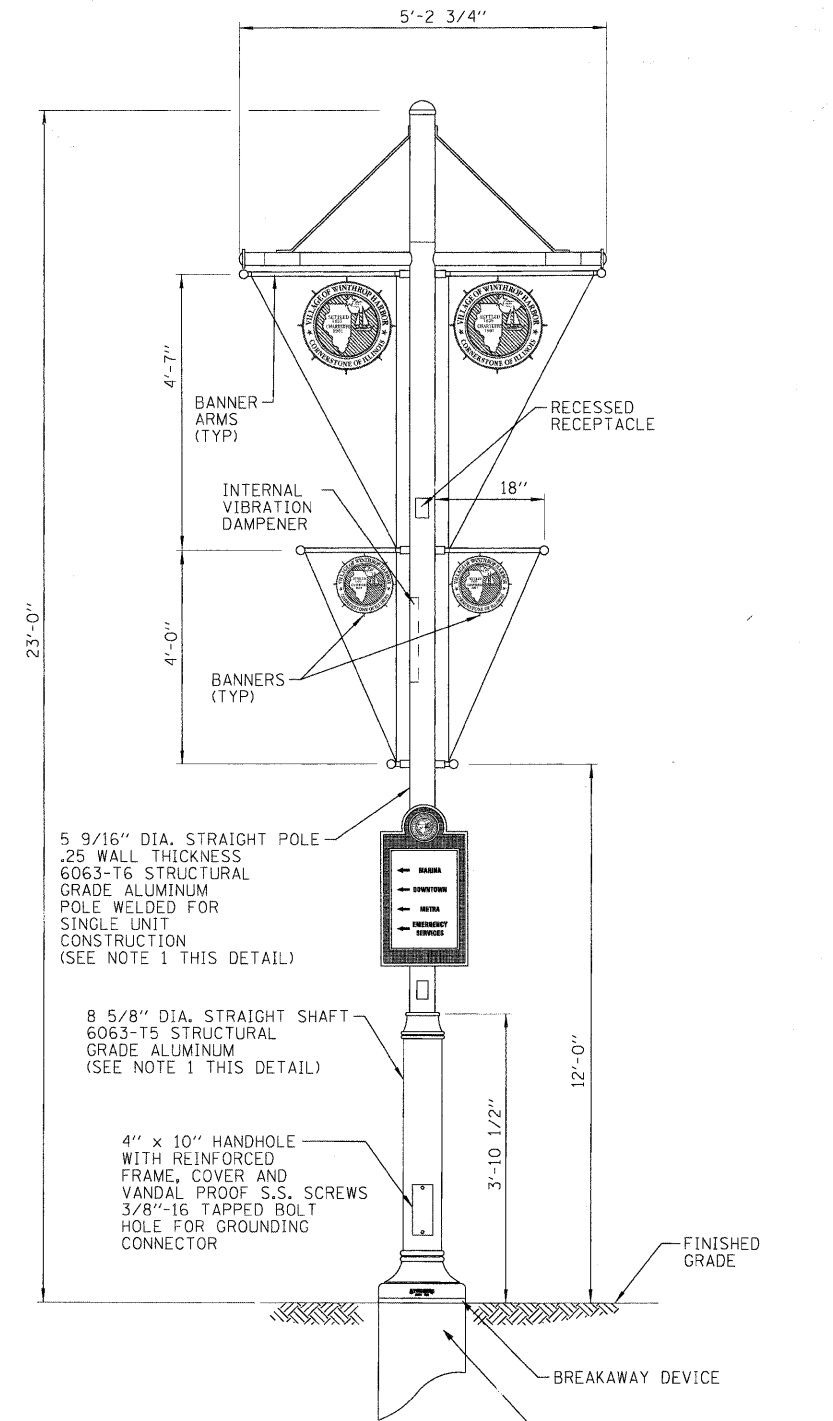
PLANTING BED DETAIL



SECTION  
CAST IRON TREE GRATE AND PLANTING DETAIL



WAYFINDING SIGN



NOTES:  
1. SHOP DRAWINGS FOR POLE AND FOUNDATION SHALL INDICATE POLE CAN HANDLE WIND LOADING.

WAYFINDING SIGN DETAIL

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 410.664.4444



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CHECKED - MDW	REVISED -
DATE - 8-1-08	FILE - 060807-lands-det-1.shd

VILLAGE OF WINTHROP HARBOR, ILLINOIS  
ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7th STREET  
STREETSCAPE IMPROVEMENTS

LANDSCAPING DETAILS

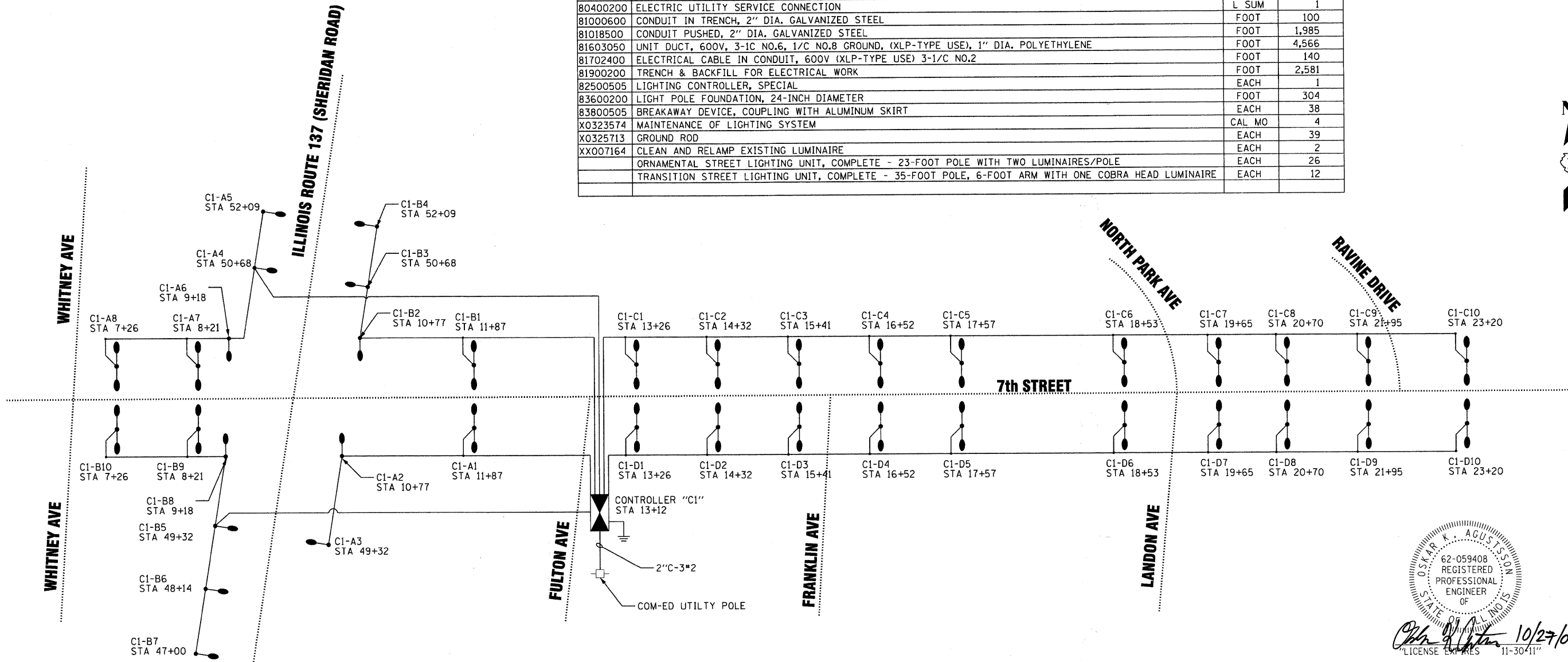
SCALE: NONE

STA. TO STA.

F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00036-00-LS	LAKE	70	41
FED. ROAD DIST. NO. 1			CONTRACT NO. 63167	
JOB NO. C-91-197-10	ILLINOIS FED. AID PROJECT ARA-00018101			

SUMMARY OF QUANTITIES

PAY ITEM	ITEM	UNIT	QUANTITY
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1
80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1
81000600	CONDUIT IN TRENCH, 2" DIA. GALVANIZED STEEL	FOOT	100
81018500	CONDUIT PUSHED, 2" DIA. GALVANIZED STEEL	FOOT	1,985
81603050	UNIT DUCT, 600V, 3-1C NO.6, 1/C NO.8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	4,566
81702400	ELECTRICAL CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO.2	FOOT	140
81900200	TRENCH & BACKFILL FOR ELECTRICAL WORK	FOOT	2,581
82500505	LIGHTING CONTROLLER, SPECIAL	EACH	1
83600200	LIGHT POLE FOUNDATION, 24-INCH DIAMETER	FOOT	304
83800505	BREAKAWAY DEVICE, COUPLING WITH ALUMINUM SKIRT	EACH	38
X0323574	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	4
X0325713	GROUND ROD	EACH	39
XX007164	CLEAN AND RELAMP EXISTING LUMINAIRE	EACH	2
	ORNAMENTAL STREET LIGHTING UNIT, COMPLETE - 23-FOOT POLE WITH TWO LUMINAIRES/POLE	EACH	26
	TRANSITION STREET LIGHTING UNIT, COMPLETE - 35-FOOT POLE, 6-FOOT ARM WITH ONE COBRA HEAD LUMINAIRE	EACH	12



*Oskar K. Augustson* 10/27/09  
 LICENSE EXPIRES 11-30-11

CIRCUIT	(2) 50 WATT	150 WATT	FESTOON		AMPS
			R	B	
A	(3) 0.60 AMPS	(5) 0.80 AMPS	(1) 1.5 AMPS	(2) 1.5 AMPS	8.8 AMPS
B	(3) 0.60 AMPS	(7) 0.80 AMPS	(2) 1.5 AMPS	(1) 1.5 AMPS	9.4 AMPS
C	(10) 0.60 AMPS		(5) 1.5 AMPS	(5) 1.5 AMPS	13.5 AMPS
D	(10) 0.60 AMPS		(5) 1.5 AMPS	(5) 1.5 AMPS	13.5 AMPS
TOTAL					45.2 AMPS

NOTE: ALL LIGHTING UNITS ON THIS CONTROLLER ARE 240 VAC.

- LEGEND**
- 240V, M-C-III LUMINAIRE, DUAL-FIXTURE, 50 WATT MH
  - 150 WATT PMH, 240V, M-C-II LUMINAIRE
  - 1" UNIT DUCT  
W/3-1/2" #6 AND  
1/2" #8 GROUND (OR AS INDICATED)
  - LIGHTING CONTROLLER

NOTE: SEE STREET LIGHTING PLAN SHEETS FOR ROTATION & LOCATION OF EACH LUMINAIRE

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DRAWN - MAC	REVISED - IDOT REVIEW 4/22/09
CHECKED - JTB	REVISED - IDOT REVIEW 10/27/09
DATE - 8-1-08	FILE - 060807-lighting-dfagram.shp

**VILLAGE OF WINTHROP HARBOR, ILLINOIS  
 ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7th STREET  
 STREETScape IMPROVEMENTS**

**STREET LIGHTING - SINGLE LINE DIAGRAM**

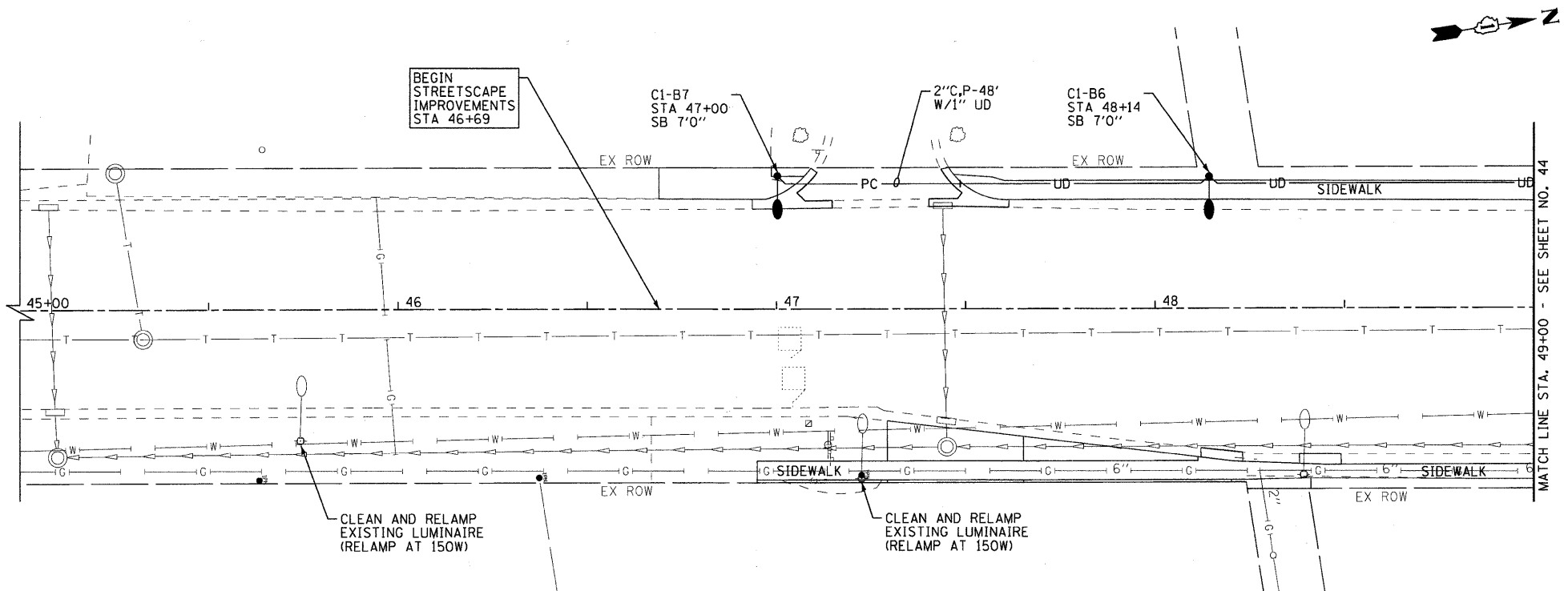
SCALE: NONE

STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00036-00-LS	LAKE	70	42
FED. ROAD DIST. NO. 1			CONTRACT NO. 63167	
JOB NO. C-91-197-10		ILLINOIS FED. AID PROJECT ARA-0001810		

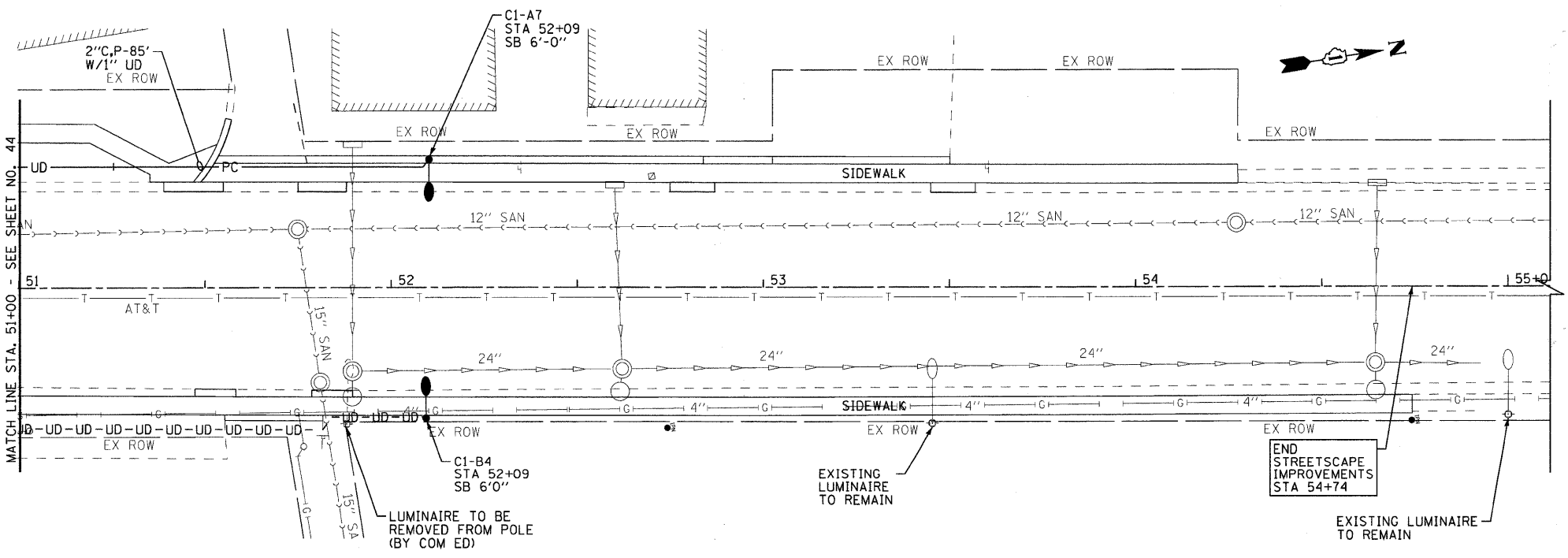
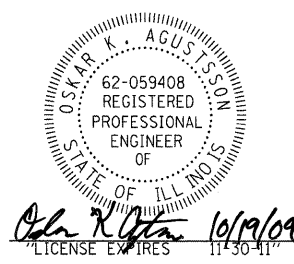
F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)





**ILLINOIS ROUTE 137 (SHERIDAN ROAD)**

LEGEND	
	EXISTING COM ED POWER POLE
	SERVICE PESTAL
	PROPOSED LIGHTING CONTROLLER
	PROPOSED STREET LIGHT, 50W MH, DUAL DECORATIVE FIXTURE
	PROPOSED STREET LIGHT, 150W PMH, COBRAHEAD
	EXISTING STREET LIGHT
	1" UNIT DUCT 3" x 6" & 1" x 8" GROUND
	2" CONDUIT, PUSHED LENGTH AS SHOWN WITH 1" UNIT DUCT OR AS NOTED
	2" CONDUIT, TRENCHED LENGTH AS SHOWN WITH 3" x 2"
	SB SETBACK FROM BACK OF CURB



**ILLINOIS ROUTE 137 (SHERIDAN ROAD)**

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CHECKED - JTB	REVISED - IDOT REVIEW 6/3/09
DATE - 8-1-08	FILE - 060807-lighting-3.sht

**VILLAGE OF WINTHROP HARBOR, ILLINOIS  
ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7th STREET  
STREETScape IMPROVEMENTS**

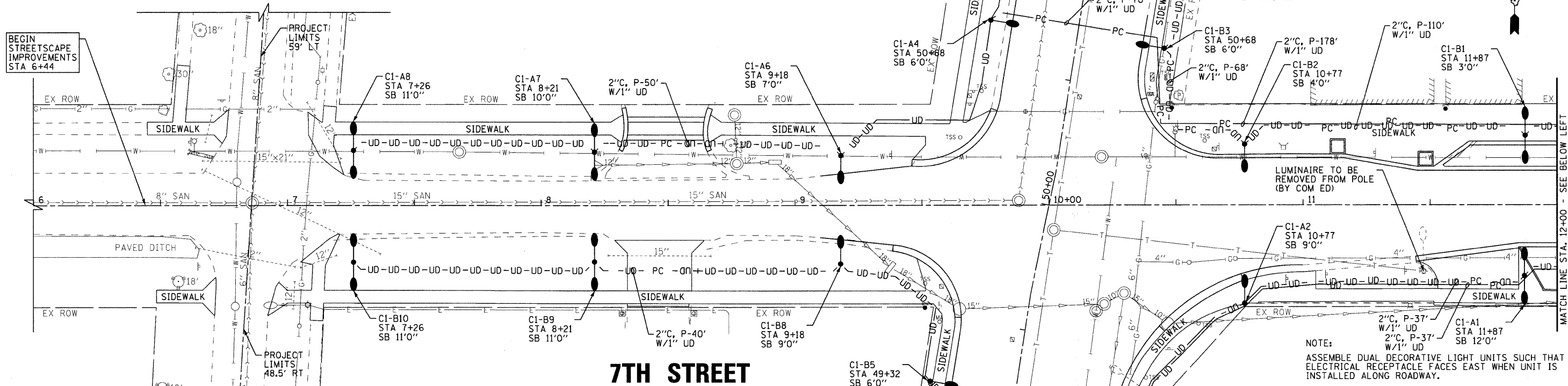
**STREET LIGHTING PLAN  
ILLINOIS ROUTE 137 (SHERIDAN ROAD)**

SCALE: 1" = 20'      STA. 45+00 TO STA. 55+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00036-00-LS	LAKE	70	43
FED. ROAD DIST. NO. 1			CONTRACT NO. 63167	
JOB NO. C-91-197-10		ILLINOIS FED. AID PROJECT ARA-0001810		

**WHITNEY AVENUE**

BEGIN STREETScape IMPROVEMENTS STA 6+44



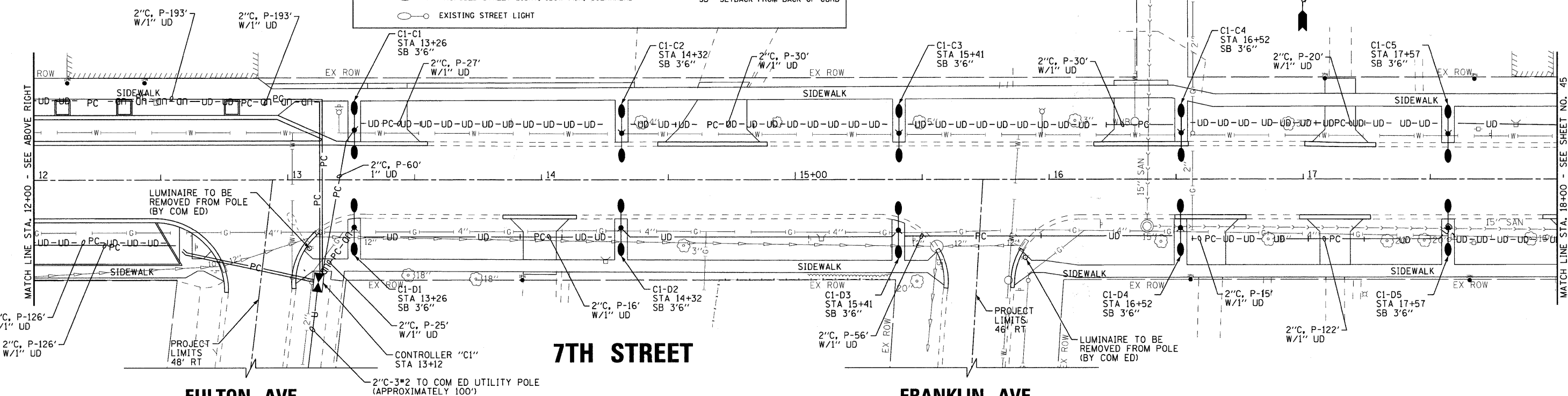
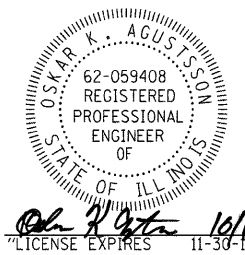
**7TH STREET**

**WHITNEY AVENUE**

**LEGEND**

- ⊕ EXISTING COM ED POWER POLE
- SERVICE PEDESTAL
- UD— 1" UNIT DUCT 3\*6 & 1\*8 GROUND
- PC— 2" CONDUIT, PUSHED LENGTH AS SHOWN WITH 1" UNIT DUCT OR AS NOTED
- U— 2" CONDUIT, TRENCHED LENGTH AS SHOWN WITH 3\*2
- PROPOSED STREET LIGHT, 150W PMH, COBRAHEAD
- EXISTING STREET LIGHT
- ⊠ PROPOSED LIGHTING CONTROLLER
- PROPOSED STREET LIGHT, 50W MH, DUAL DECORATIVE FIXTURE
- SB SETBACK FROM BACK OF CURB

NOTE:  
ASSEMBLE DUAL DECORATIVE LIGHT UNITS SUCH THAT ELECTRICAL RECEPTACLE FACES EAST WHEN UNIT IS INSTALLED ALONG ROADWAY.



**7TH STREET**

**FULTON AVE**

**FRANKLIN AVE**

**VILLAGE OF WINTHROP HARBOR, ILLINOIS  
ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7th STREET  
STREETScape IMPROVEMENTS**

**STREET LIGHTING PLAN  
7TH STREET**

F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)

DESIGNED - MWH	REVISED - IDOT REVIEW 2/19/09
DRAWN - CJC	REVISED - IDOT REVIEW 4/22/09
CHECKED - JTB	REVISED - IDOT REVIEW 6/3/09
DATE - 8-1-08	FILE - 060807-lighting-1.sht

SCALE: 1" = 20'  
STA. 6+00 TO STA. 18+00

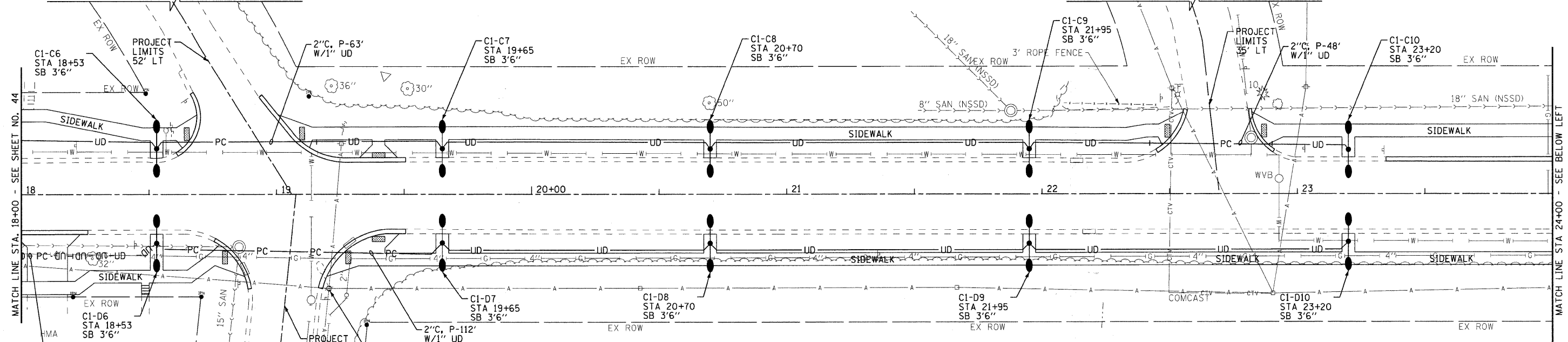
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00036-00-LS	LAKE	70	44
FED. ROAD DIST. NO. 1		CONTRACT NO. 63167		
JOB NO. C-91-197-10		ILLINOIS FED. AID PROJECT ARA-00D18101		

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 H. Whitney, 060807-lighting-1.sht, 8/1/08, 10/19/09



NORTH PARK AVE

RAVINE DR

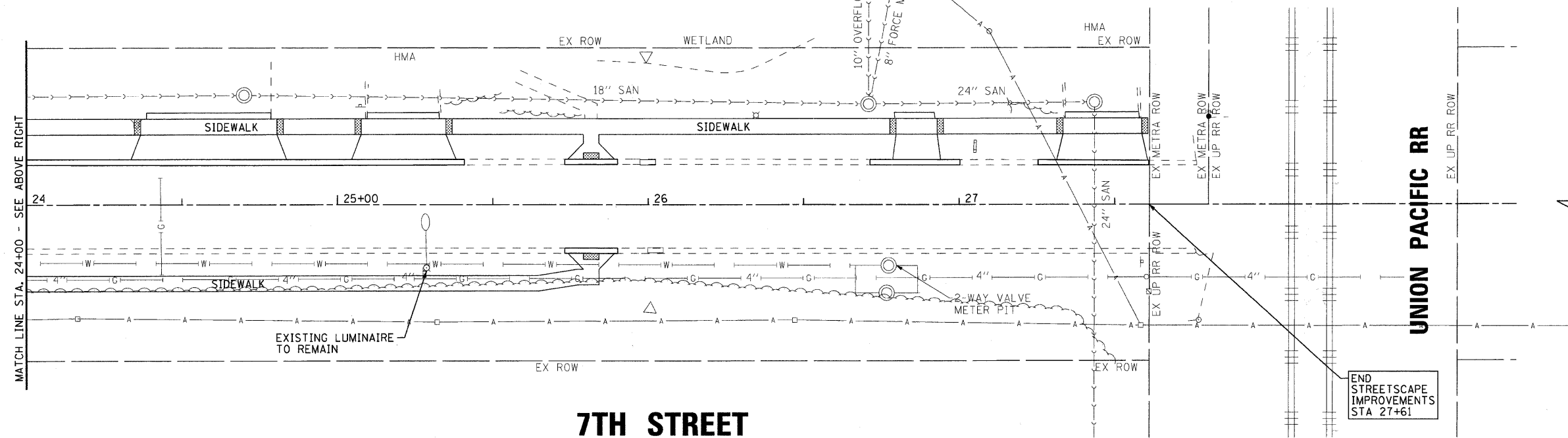
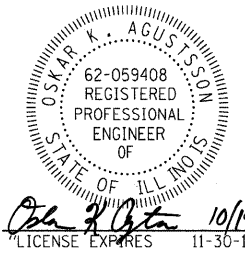


LANDON AVE

7TH STREET

**LEGEND**

- EXISTING COM ED POWER POLE
- SERVICE PEDESTAL
- 1" UNIT DUCT 3\*6 & 1\*8 GROUND
- 2" CONDUIT, PUSHED LENGTH AS SHOWN WITH 1" UNIT DUCT OR AS NOTED
- 2" CONDUIT, TRENCHED LENGTH AS SHOWN WITH 3\*2
- PROPOSED STREET LIGHT, 150W PMH, COBRAHEAD
- EXISTING STREET LIGHT
- PROPOSED LIGHTING CONTROLLER
- PROPOSED STREET LIGHT, 50W MH, DUAL DECORATIVE FIXTURE
- SB SETBACK FROM BACK OF CURB



7TH STREET

NOTE:  
ASSEMBLE DUAL DECORATIVE LIGHT UNITS SUCH THAT ELECTRICAL RECEPTACLE FACES EAST WHEN UNIT IS INSTALLED ALONG ROADWAY.

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DRAWN - CJC	REVISED - IDOT REVIEW 4/22/09
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DATE - 8-1-08	FILE - 060807-lighting-2.sht

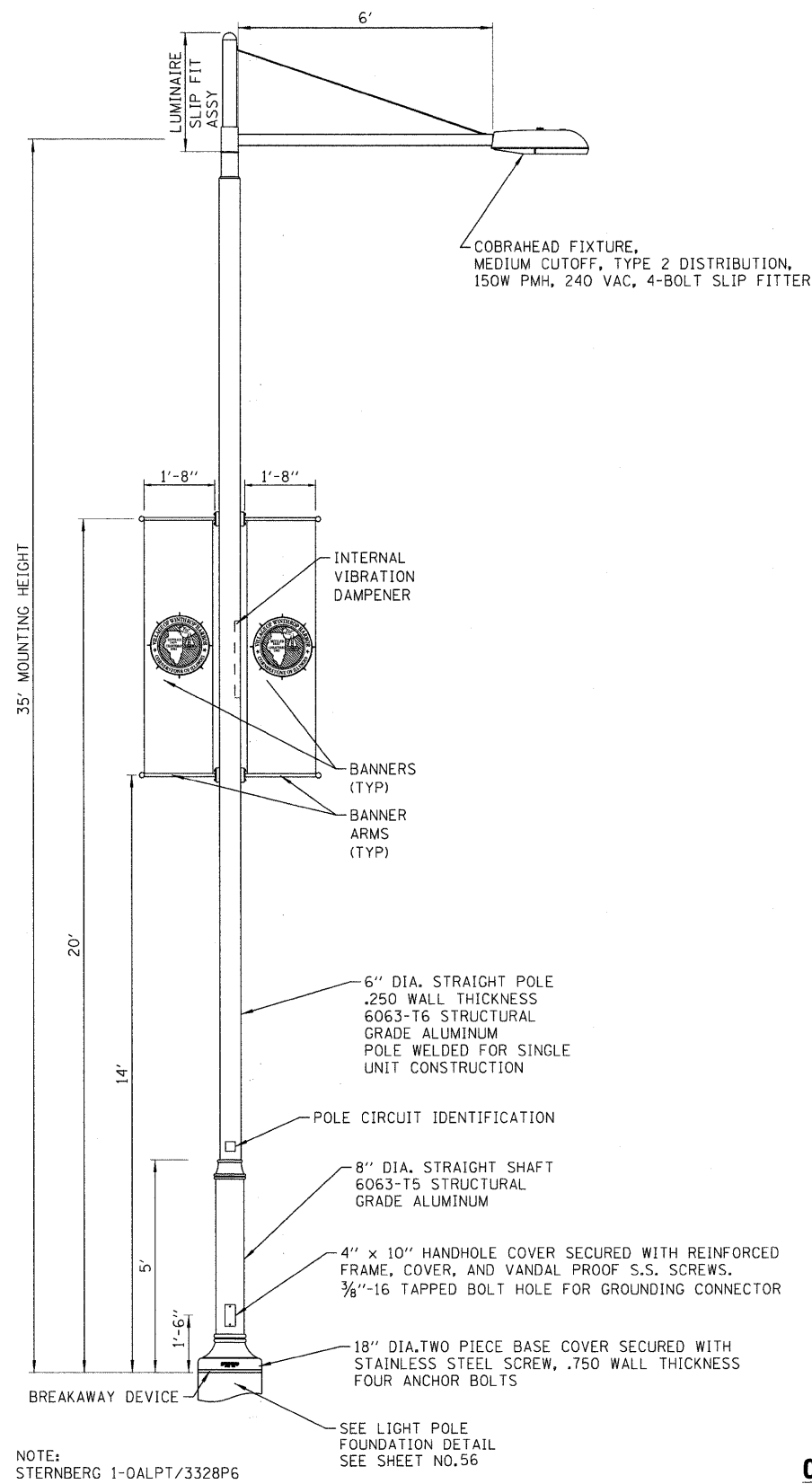
**VILLAGE OF WINTHROP HARBOR, ILLINOIS**  
**ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7th STREET**  
**STREETSCAPE IMPROVEMENTS**

**STREET LIGHTING PLAN**  
**7TH STREET**

SCALE: 1" = 20'      STA. 18+00      TO STA. 28+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00036-00-LS	LAKE	70	45
FED. ROAD DIST. NO. 1			CONTRACT NO. 63167	
JOB NO. C-91-197-10		ILLINOIS FED. AID PROJECT ARA-00D181D		

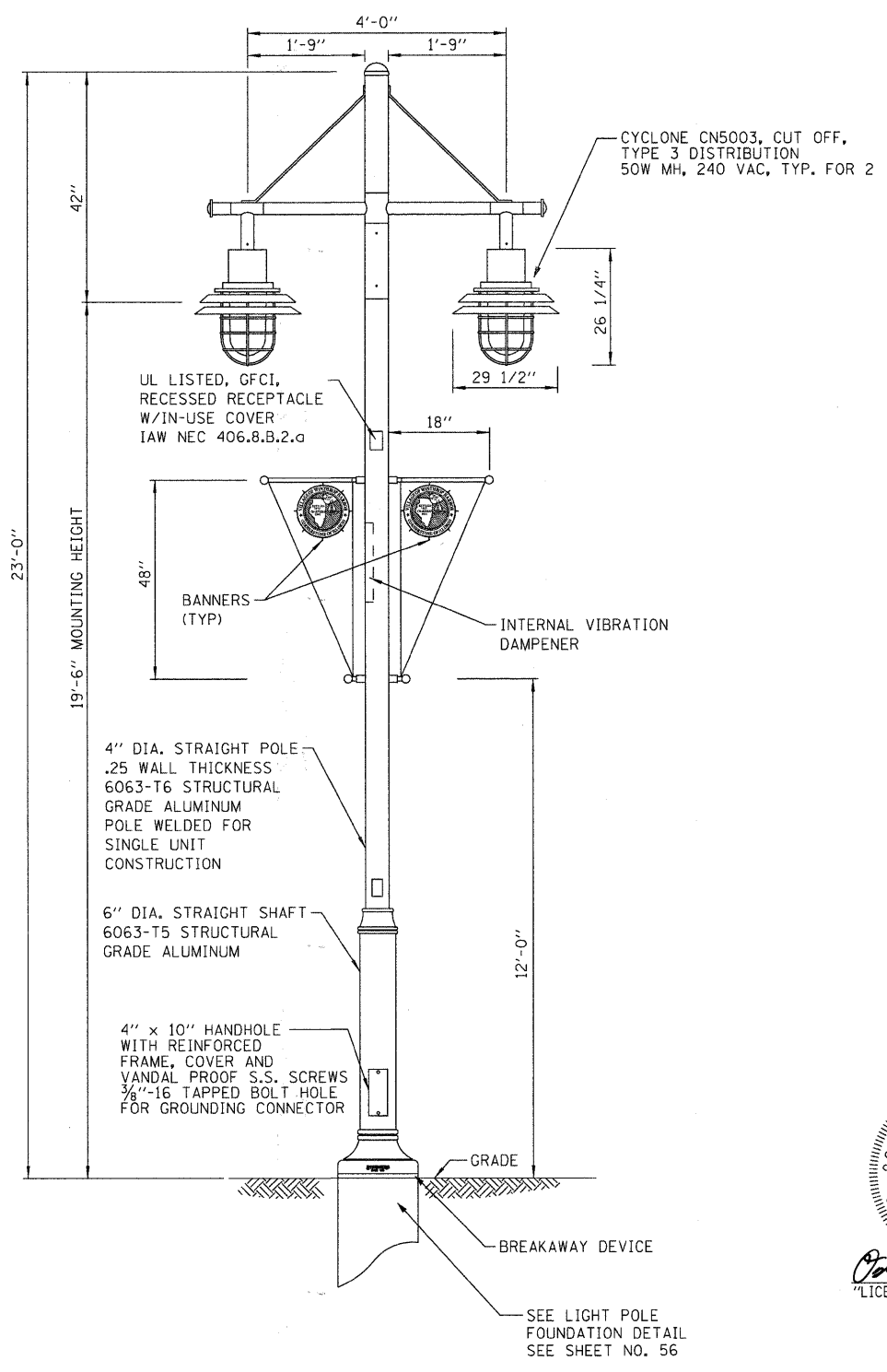
• F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)



**TRANSITION STREET LIGHTING - 35-FOOT POLE, 6-FOOT ARM W/COBRA LIGHTING POLE DETAIL**

NO SCALE

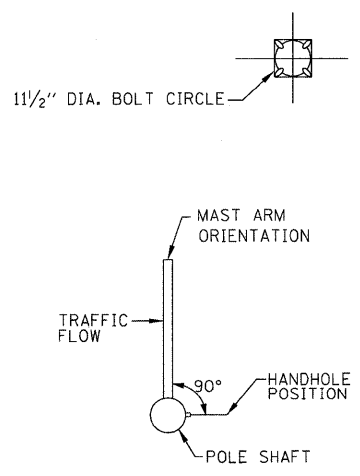
NOTE:  
POLES SHALL MEET LATEST AASHTO REQUIREMENTS WITH ACCESSORIES SHOWN.



**ORNAMENTAL STREET LIGHTING - 23-FOOT POLE W/TWO LUMINAIRES/POLE DETAIL**

NO SCALE

NOTES:  
ASSEMBLE DUAL DECORATIVE LIGHT UNITS SUCH THAT ELECTRICAL RECEPTACLE FACES EAST WHEN UNIT IS INSTALLED ALONG ROADWAY  
POLES SHALL MEET LATEST AASHTO REQUIREMENTS WITH ACCESSORIES SHOWN.



**POSITION OF HANDHOLE AND MAST ARM ON POLES**

NO SCALE



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 DRAWN BY: JTB DATE: 8-1-08  
 CHECKED BY: JTB DATE: 8-1-08  
 DESIGNED BY: OKA DATE: 2/19/09  
 REVISIONS: 1-060807-lighting-details.shd



DESIGNED	- OKA	REVISED	- IDOT REVIEW 2/19/09
DRAWN	- MAC	REVISED	- IDOT REVIEW 4/22/09
CHECKED	- JTB	REVISED	- IDOT REVIEW 6/3/09
DATE	- 8-1-08	FILE	- 060807-lighting-details.shd

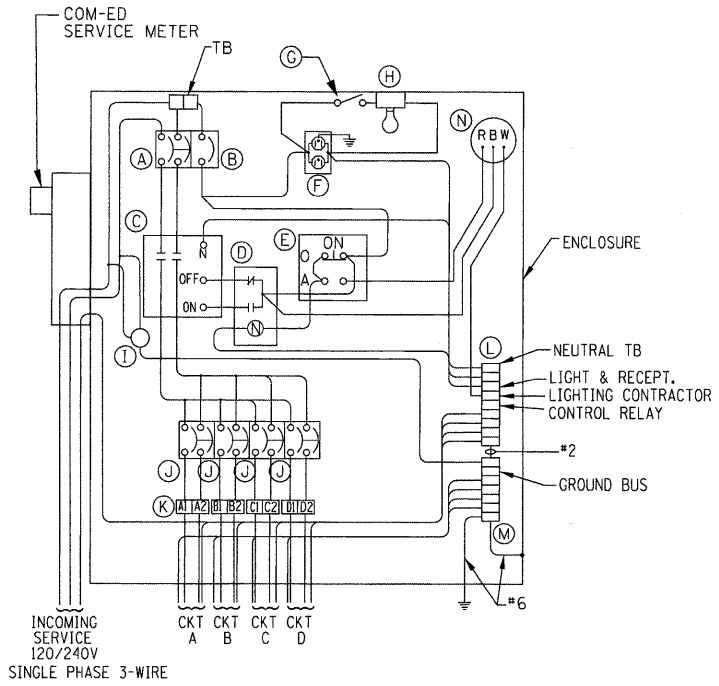
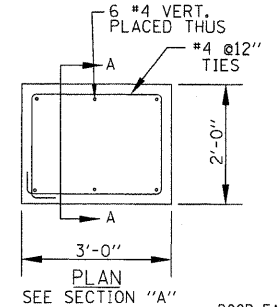
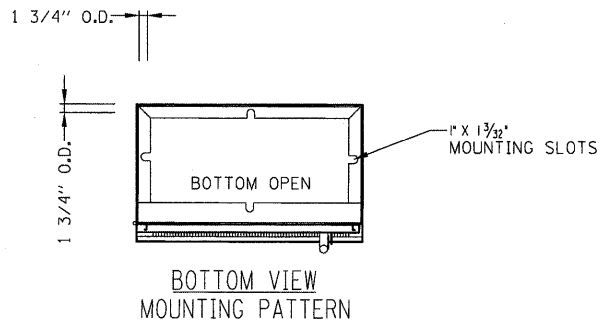
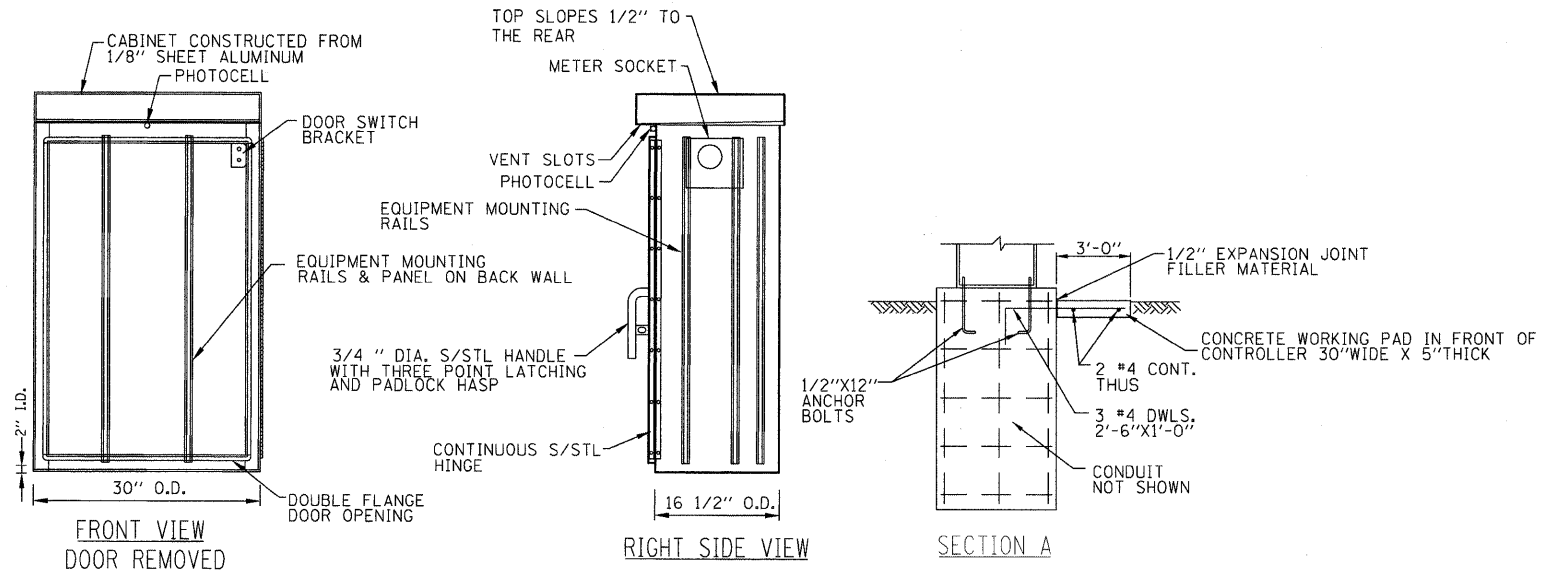
**VILLAGE OF WINTHROP HARBOR, ILLINOIS  
ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7th STREET  
STREETScape IMPROVEMENTS**

**STREET LIGHTING DETAILS**

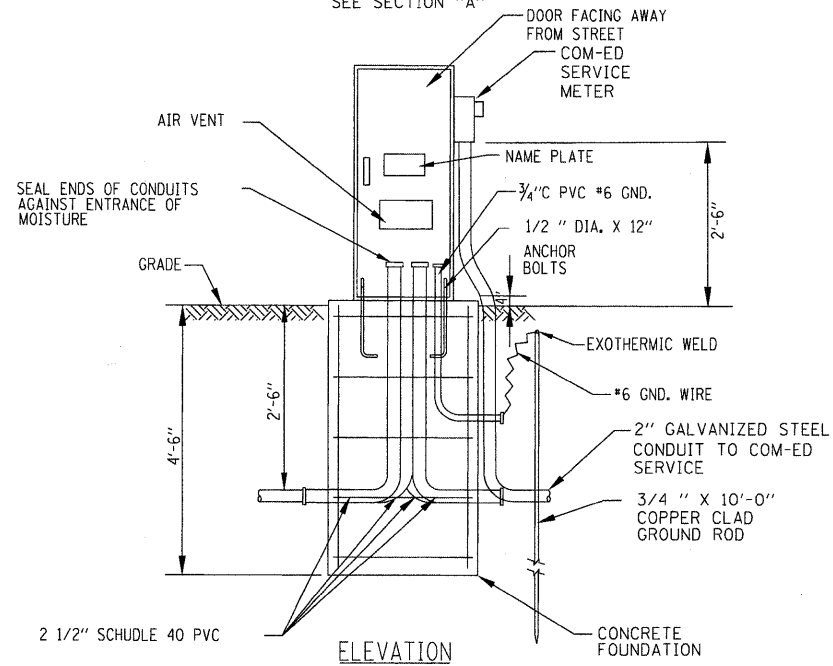
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO. 1		CONTRACT NO. 63167		
JOB NO. C-91-197-10		ILLINOIS FED. AID PROJECT ARA-0001810		

• F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)

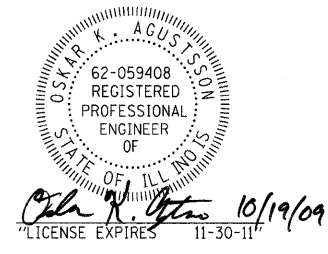


**LIGHTING CONTROLLER No. 1**  
WIRING DIAGRAM



**LIGHTING CONTROLLER AND FOUNDATION DETAIL**  
NO SCALE

ITEM	QTY.	DESCRIPTION
A	1	MAIN CIRCUIT BREAKER, MOLDED CASE, THERMAL MAGNETIC, 2-POLE, 240 V. SINGLE-PHASE, 100A, BOLT-ON TYPE, TRIP INTERRUPTING RATING OF 22,000 RMS SYMMETRICAL AMPERES AT 240 V.
B	1	CONTROL CIRCUIT BREAKER, MOLDED CASE, THERMAL MAGNETIC, SINGLE-POLE, 120 V. SINGLE PHASE 20 A. BOLT-ON TYPE, TRIP INTERRUPTING RATING OF 14,000 RMS SYMMETRICAL AMPERES AT 120 V.
C	1	LIGHTING CONTACTOR MECHANICALLY HELD, SQUARE "D" IVO10600V 200A, 2-POLE, 600 V. WITH 120 COIL OR EQUAL
D	1	CONTROL RELAY CUTLER HAMMER D3PR2 RATED 12 A. AT 120 VAC OR EQUAL
E	1	ON-OFF-AUTO 3-POSITION SELECTOR SWITCH GE CR104P HEAVY DUTY SWITCH, RATED FOR 10 A. AT 600 VAC.
F	1	GFCI RECEPTACLE, 120 V., 20 A. SPEC. GRADE, NEMA CONFIG. 5-20R
G	1	SPDT LIMIT SWITCH WITH SIDE PUSH ROD PLUNGER SQUARE "D" 8B082 RATED 10 A. AT 120 V. OR EQUAL
H	1	60 WATT LIGHT FIXTURE, VAPOR TIGHT, WITH GLOBE, GUARD AND MOUNTING BOX.
I	4	SECONDARY SURGE ARRESTER SQUARE D SDSA1175, 175 VAC PHASE-TO-GROUND MAXIMUM OR EQUAL
J	4	BRANCH CIRCUIT BREAKER, MOLDED CASE, THERMAL MAGNETIC, 2-POLE, 240 V. SINGLE-PHASE, 60A, TRIP INTERRUPTING RATING 22,000 RMS SYMMETRICAL AMPERES AT 240 V.
K	8	TERMINAL BLOCK RATED 600 V., 85 A.
L	1	COPPER NEUTRAL BUS
M	1	COPPER GROUND BUS
N	1	PHOTOCELL



**NOTES**

- CABINET SHALL BE FABRICATED FROM 0.125-INCH SHEET ALUMINUM, ALLOY 5052 FORMED AND ARC WELDED ASSEMBLY WITH NEMA 3R RATING.
- ALL SCREWS AND HARDWARE SHALL BE PLATED, GALVANIZED, OR MADE OF BRASS, ALUMINUM OR STAINLESS STEEL.
- NAME PLATE SHALL HAVE ENGRAVED 0.75-INCH HIGH LETTERS FILLED IN BLACK: LINE ONE "VILLAGE OF WINTHROP HARBOR", LINE TWO "STREET LIGHTING"
- CABINET SHALL BE PRIMED AND PAINTED AS SPECIFIED.
- ELECTRIC UTILITY METER BOX SHALL BE MOUNTED ON THE SIDE OF CONTROL CABINET AS SHOWN ON THE PANEL LAYOUT DIAGRAM.
- THE COMPLETED CONTROLLER AND ALL ELECTRICAL COMPONENTS SHALL BE U.L. LISTED AS AN INDUSTRIAL CONTROL PANEL UNDER UL508, AND SHOULD BE SERVICE ENTRANCE RATED.
- METAL MOUNTING PANEL SHALL BE #10 GAUGE GALVANIZED SHEET STEEL FLANGED BACK 0.75-INCHES I.D. ON 4 SIDES.
- CIRCUIT BREAKERS AND CONTACTOR AND OTHER COMPONENTS SHALL BE MOUNTED ON 0.125-INCH THICK GLASTIC INSULATION BACK PANEL.
- ALL DEVICES SHALL BE FRONT REMOVABLE.
- BUS BAR SHALL HAVE 22 LUG TERMINALS SIZED TO ACCOMMODATE REQUIRED WIRE SIZES. NEUTRAL BUS SHALL BE PAINTED WHITE. GROUND BUS SHALL BE PAINTED GREEN.
- ALL LUGS SHALL BE COPPER SCREWS AND CONNECTORS, SPRING HELD.
- ALL WIRING TERMINATIONS SHALL BE RATED NOT LESS THAN 75 DEGREE CENTIGRADE.
- ALL CONTROL WIRING SHALL BE 600V MACHINE TOOL WIRE TYPE MTW.
- ALL POWER WIRING SHALL BE 600V TYPE RHH/RHW.
- A LAMINATED COPY OF THE CIRCUIT SCHEMATIC DIAGRAM SHALL BE ATTACHED TO THE INSIDE OF THE CONTROLLER.
- ALL 120 VOLT SYSTEM AND ALL CONTROL WIRING SHALL BE #12 AWG STRANDED UNLESS OTHERWISE INDICATED.
- ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.
- SERVICE EQUIPMENT SHALL BE MARKED TO IDENTIFY IT AS BEING SUITABLE FOR USE AS SERVICE EQUIPMENT.

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 STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM  
 NO. 06-00036-00-LS  
 DATE 10/19/2009  
 PROJECT VILLAGE OF WINTHROP HARBOR STREETScape IMPROVEMENTS  
 FILE # 060807-lighting-details.sht



DESIGNED - OKA	REVISED - IDOT REVIEW 2/19/09
DRAWN - MAC	REVISED - IDOT REVIEW 4/22/09
CHECKED - JTB	REVISED -
DATE - 8-1-08	FILE - 060807-lighting-details.sht

**VILLAGE OF WINTHROP HARBOR, ILLINOIS**  
**ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7th STREET**  
**STREETSCAPE IMPROVEMENTS**

**STREET LIGHTING DETAILS**

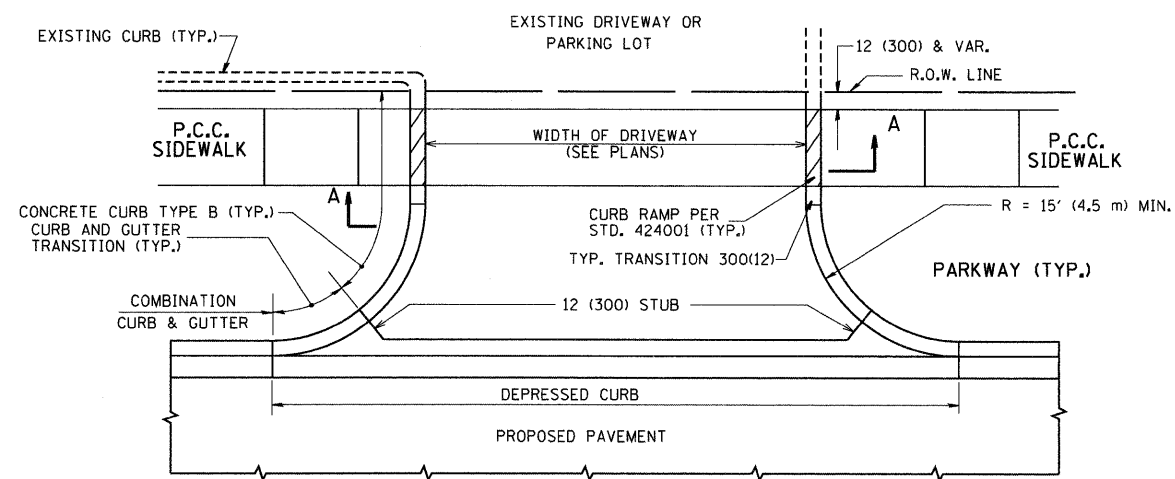
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F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00036-00-LS	LAKE	70	47	
FED. ROAD DIST. NO. 1			CONTRACT NO. 63167	
JOB NO. C-91-197-10 ILLINOIS FED. AID PROJECT ARA-00D18101				

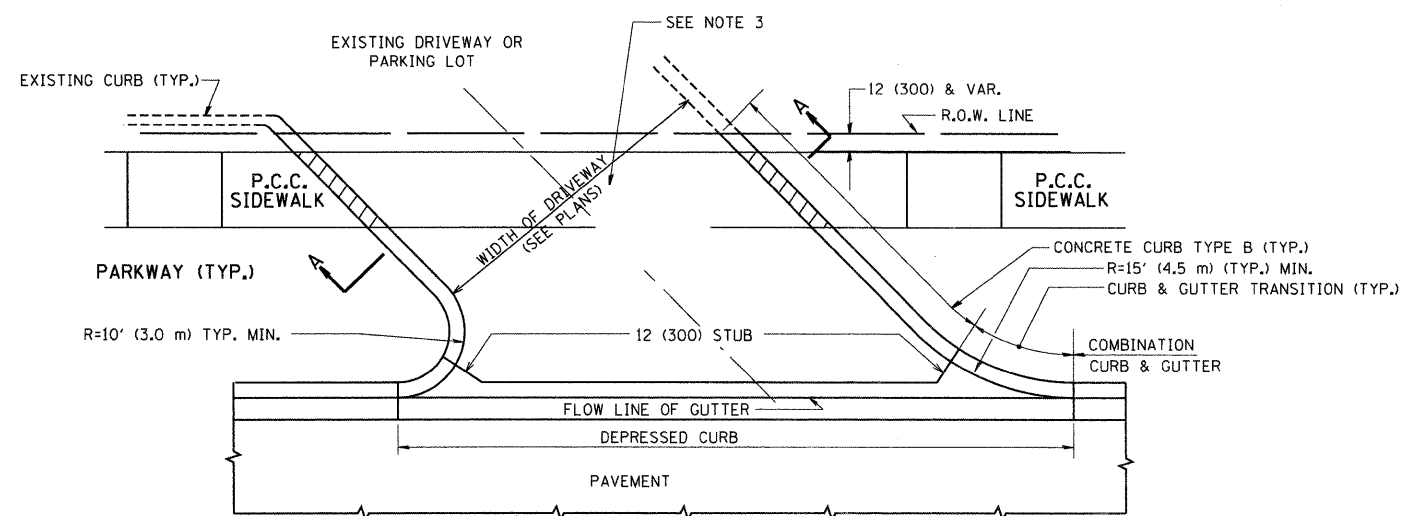




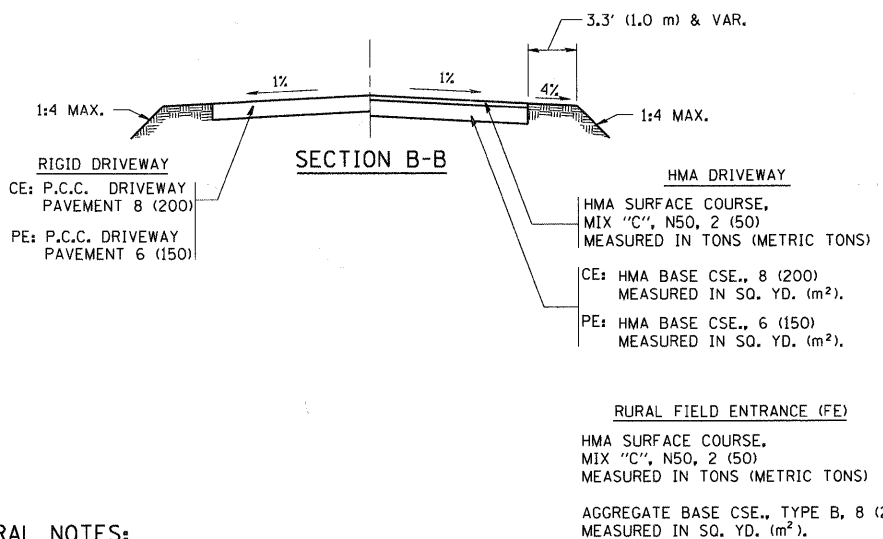
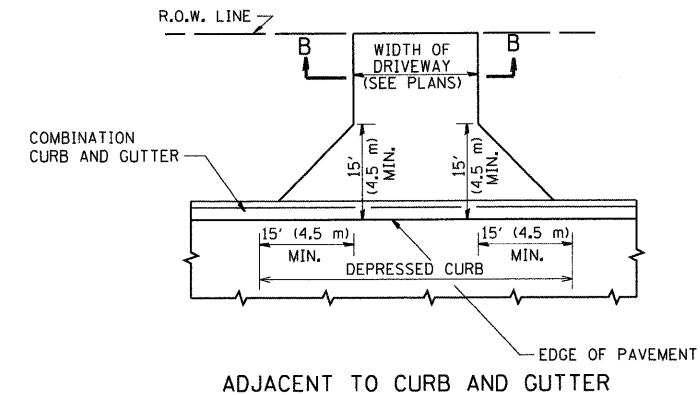
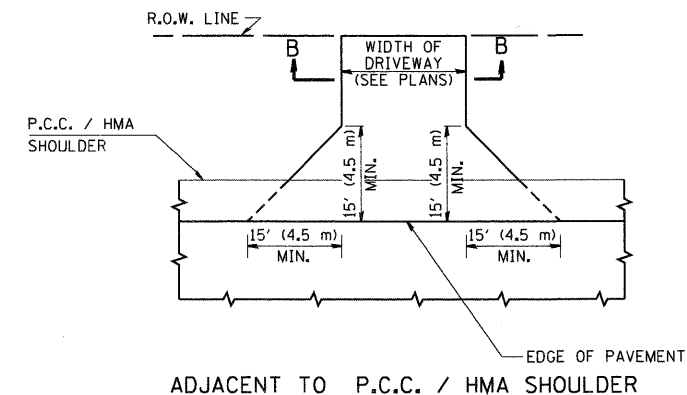
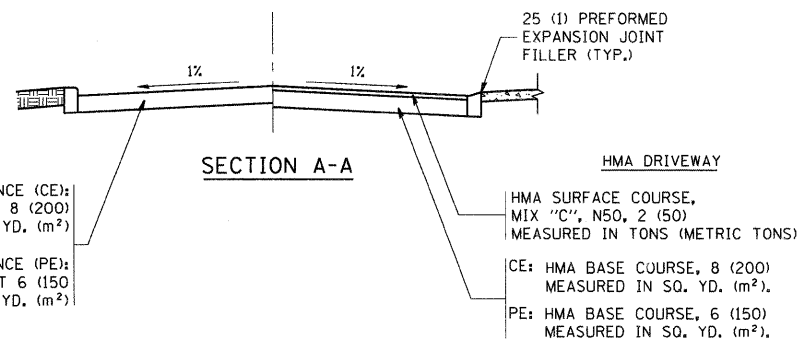




WITH CONCRETE CURB, TYPE B



WITH CONCRETE CURB, TYPE B



**GENERAL NOTES:**

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

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

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

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

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

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

\* F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)

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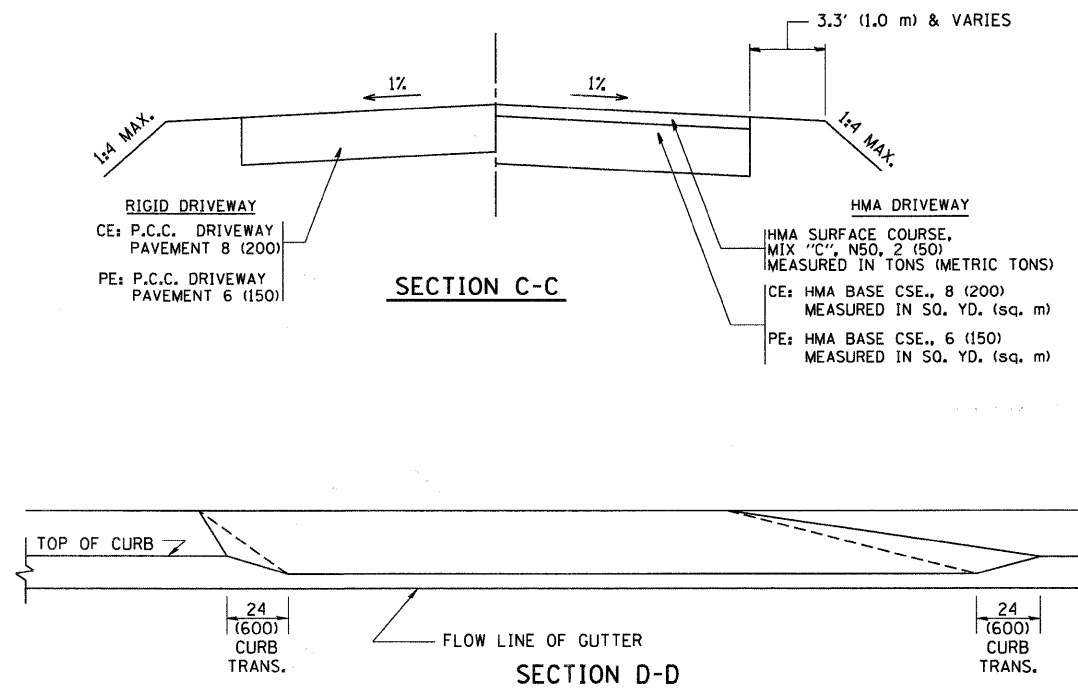
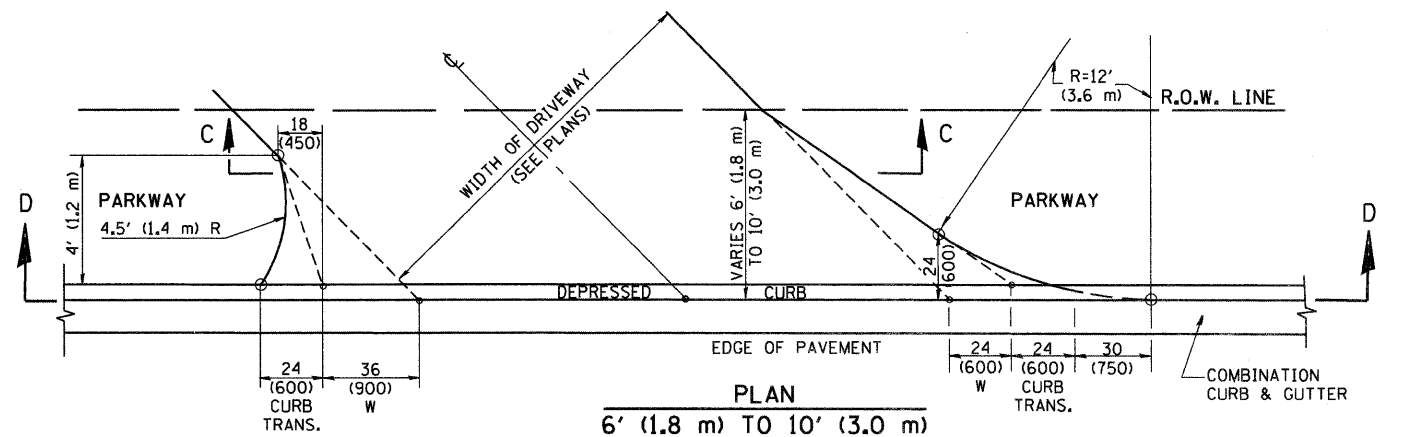
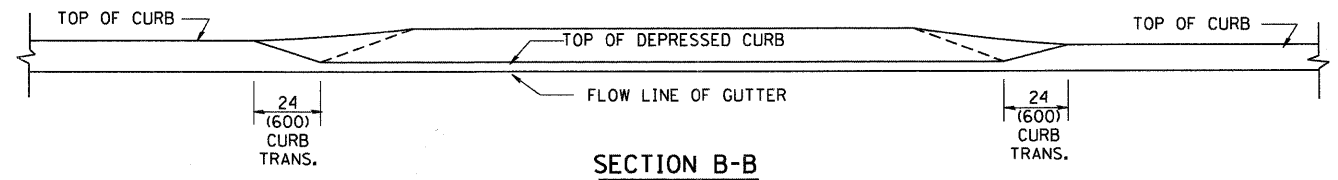
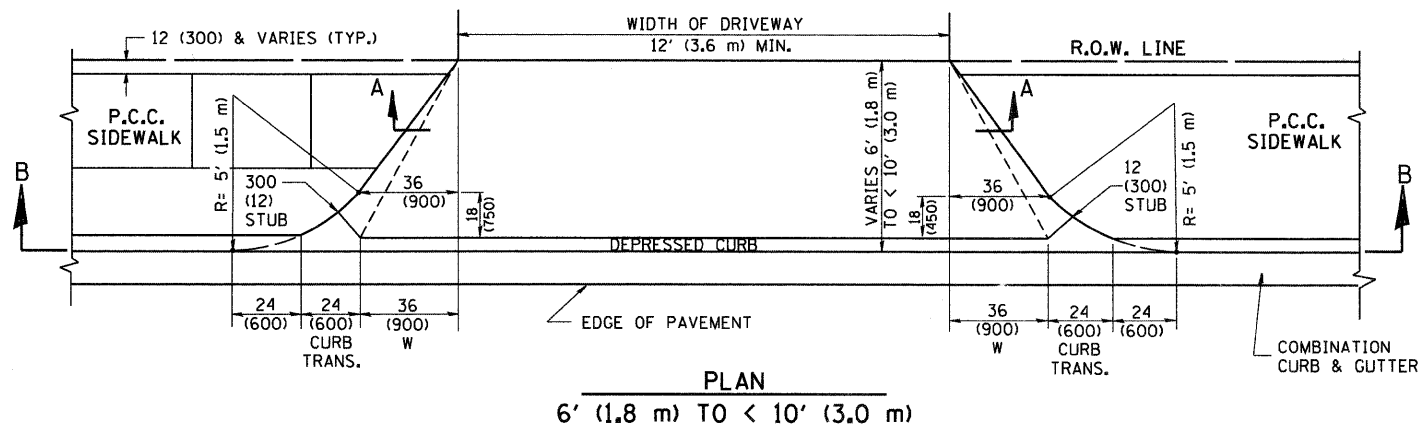
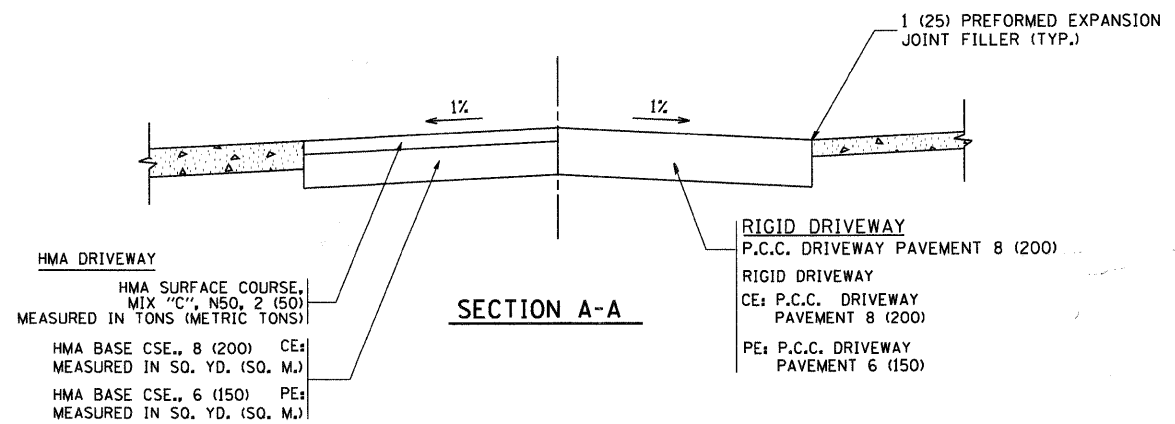
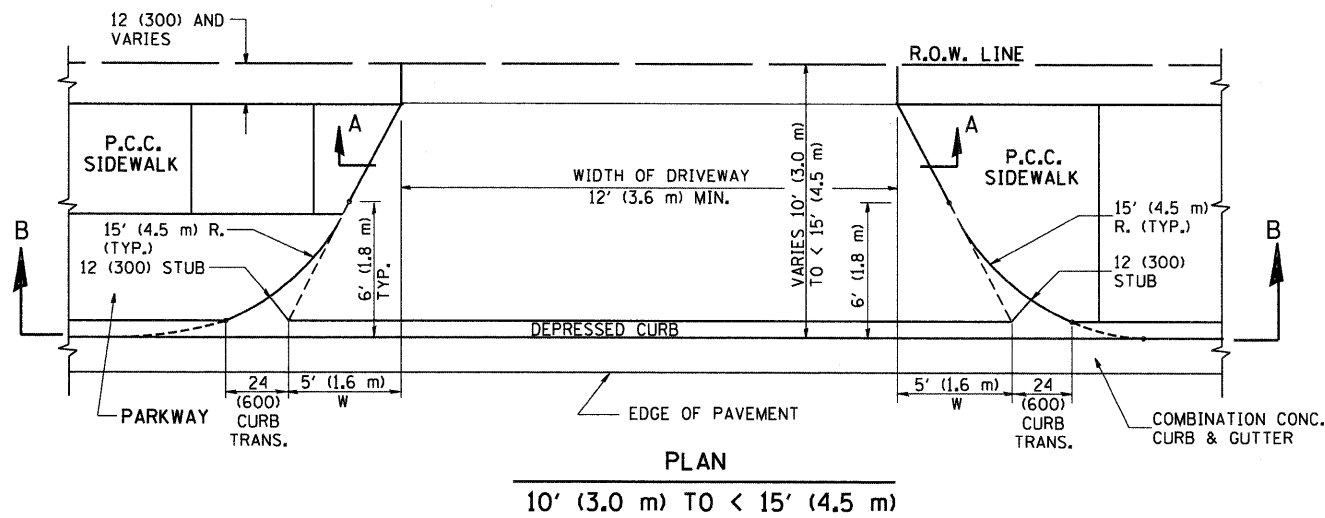
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PLOT SCALE = 49.9999' / IN.	DRAWN -	REVISED - P. LOFLUER 04-15-03
PLOT DATE = 6/12/2008	CHECKED -	REVISED - R. BORO 01-01-07
	DATE - 11-04-95	REVISED - R. BORO 06-11-08

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5 m)	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

F.A. RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00036-00-LS	LAKE	70	50
BD0156-07 (BD-01)		CONTRACT NO. 63167		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-00D1 (810)				

C-91-197-10



**GENERAL NOTES**

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE P.C.C. SIDEWALK SHALL EXTEND TO THE BACK OF CURB.

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

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

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

"W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

\* F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)

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

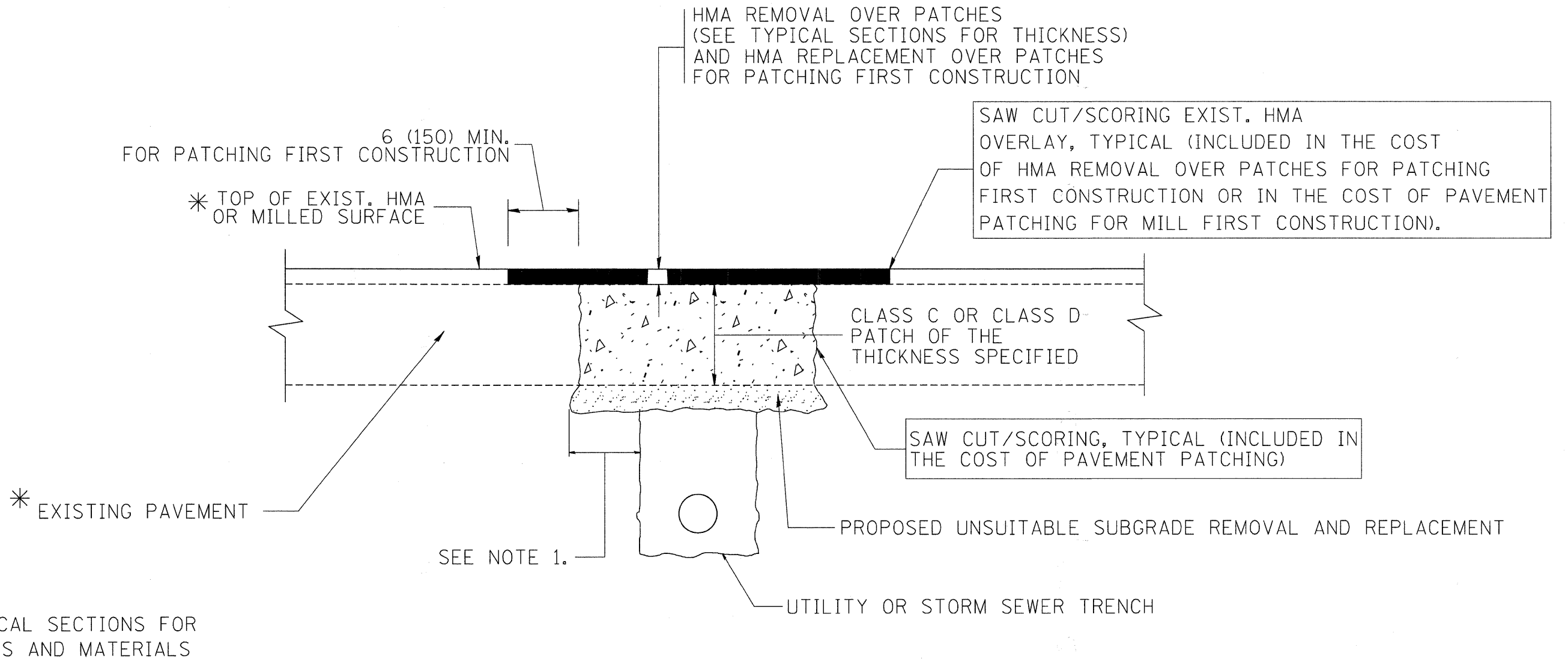
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PLOT DATE = 1/4/2008	CHECKED -	REVISED - P. LaFLEUR 04-15-03
	DATE - 11-06-95	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

DRIVEWAY DETAILS	
DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5 m)	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00036-00-1S	LAKE	70	51
BD400-02 (BD-02)		CONTRACT NO. 63167		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-0001 (810)				



\* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

**NOTES:**

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

**SEQUENCE OF CONSTRUCTION (PATCHING FIRST)**

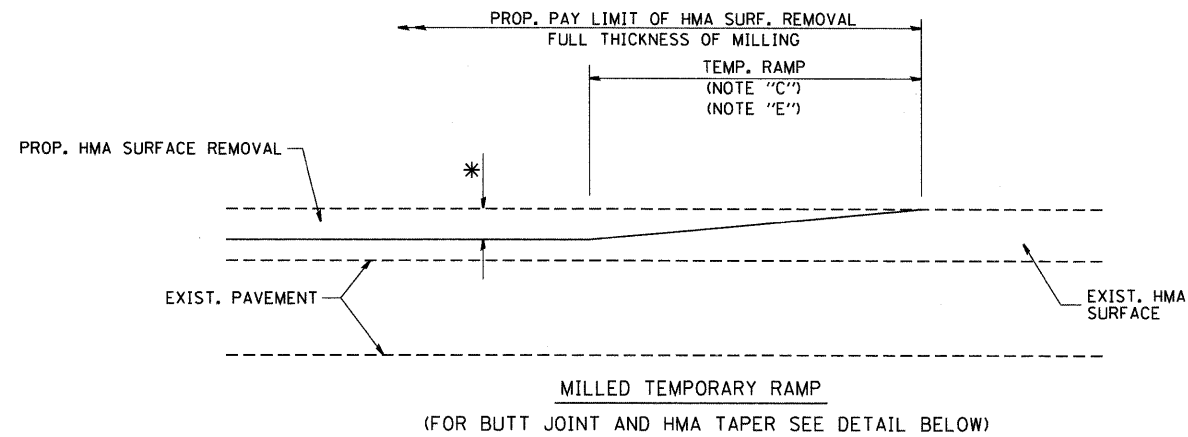
1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

**SEQUENCE OF CONSTRUCTION (MILLING FIRST)**

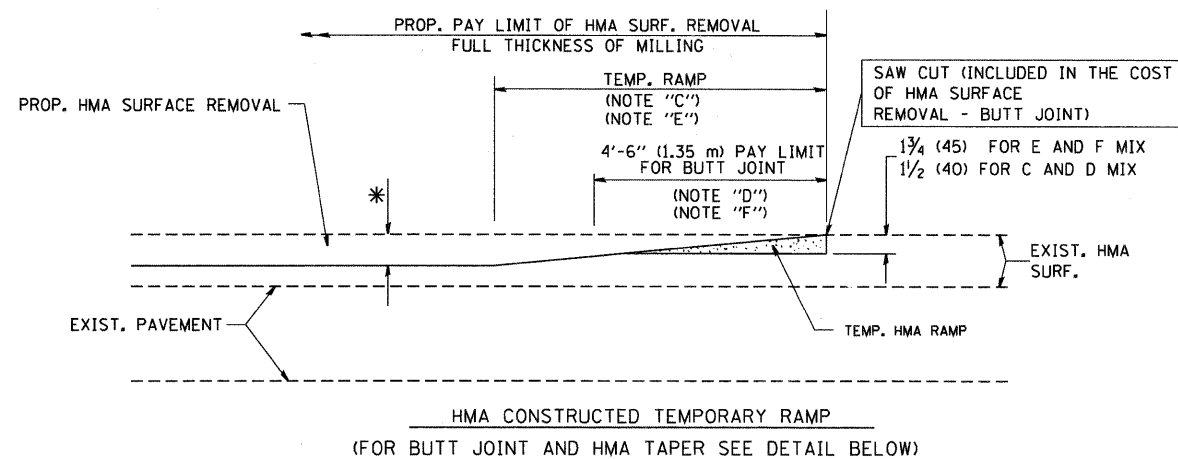
1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

\* F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)  
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = c:\projects\diststd22x34\bd22.dgn	USER NAME = bauerdl	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT</b>			F.A. RTE. *	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED - R. BORO 01-01-07		SCALE: NONE	SHEET NO. 1	OF 1 SHEETS	STA.	TO STA.	06-00036-00-LS	LAKE	70	52
		PLOT SCALE = 50,000' / IN.	REVISED - R. BORO 09-04-07		BD400-04 (BD-22) CONTRACT NO. 63167								
		PLOT DATE = 10/27/2008	REVISED - K. ENG 10-27-08		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-00D1 (810) C-91-197-10								

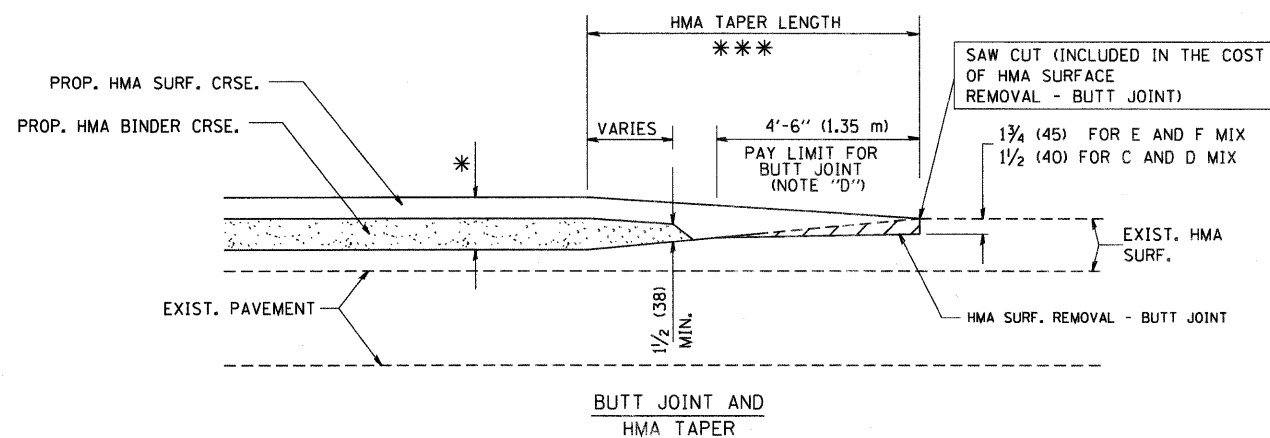


**OPTION 1**

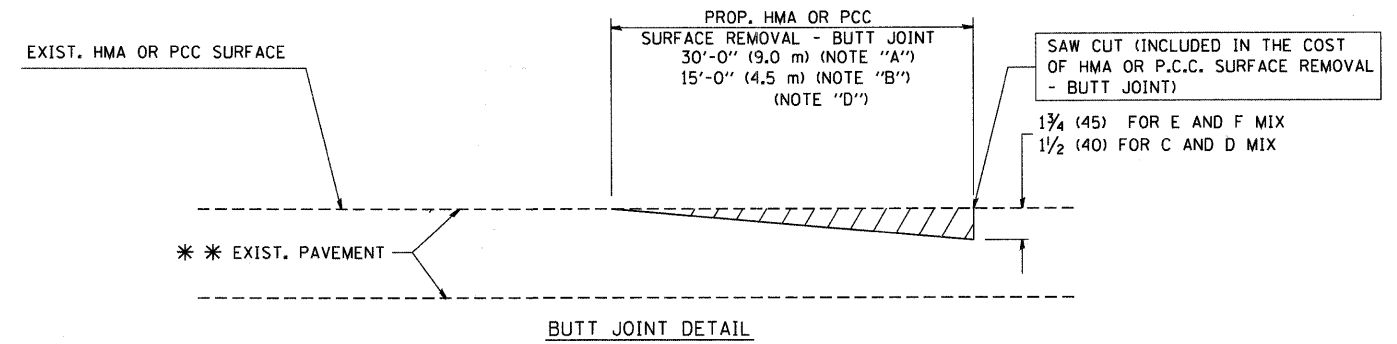


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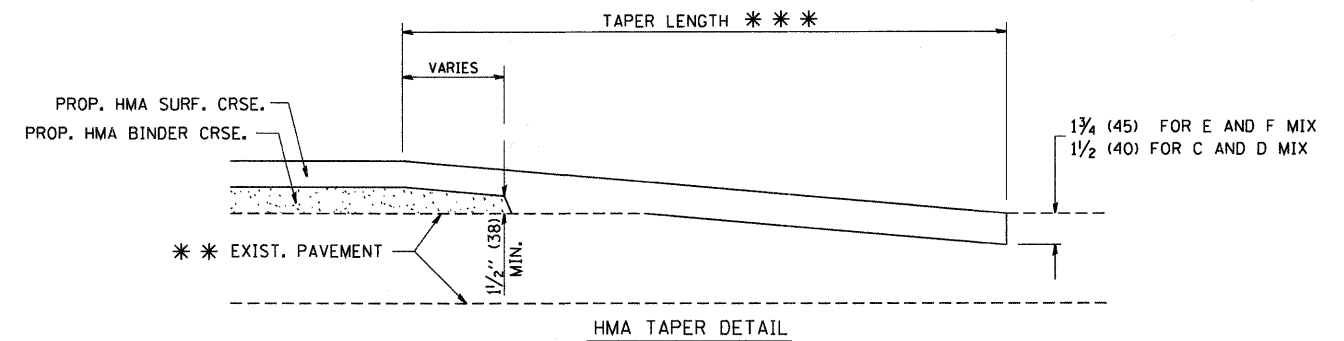
**TYPICAL TEMPORARY RAMP**



**TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING**



**BUTT JOINT DETAIL**



**HMA TAPER DETAIL**

**TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY**

\*\*\* PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

**NOTES**

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
- B: MINOR SIDE ROADS.
- C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
- F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
- G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- \* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- \*\*\* 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")  
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

**BASIS OF PAYMENT:**

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

\* F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)  
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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PLOT DATE = 1/4/2008  
DATE - 06-13-90

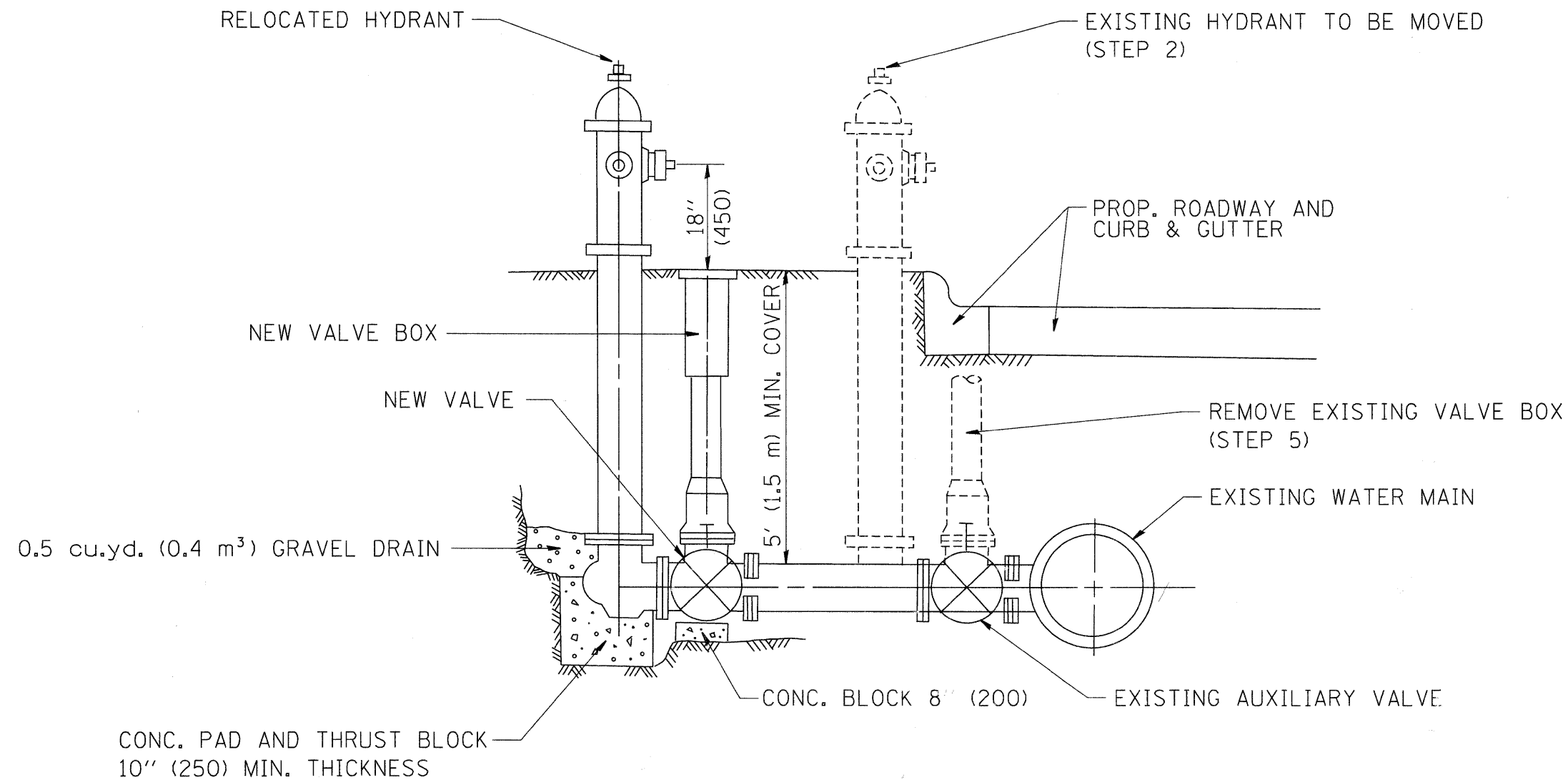
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REVISED - A. ABBAS 03-21-97  
REVISED - M. GOMEZ 04-06-01  
REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND  
HMA TAPER DETAILS**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00036-00-LS	LAKE	70	53
<b>BD400-05 BD32</b>		<b>CONTRACT NO. 63167</b>		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-00D1(810)				



SEQUENCE OF CONSTRUCTION:

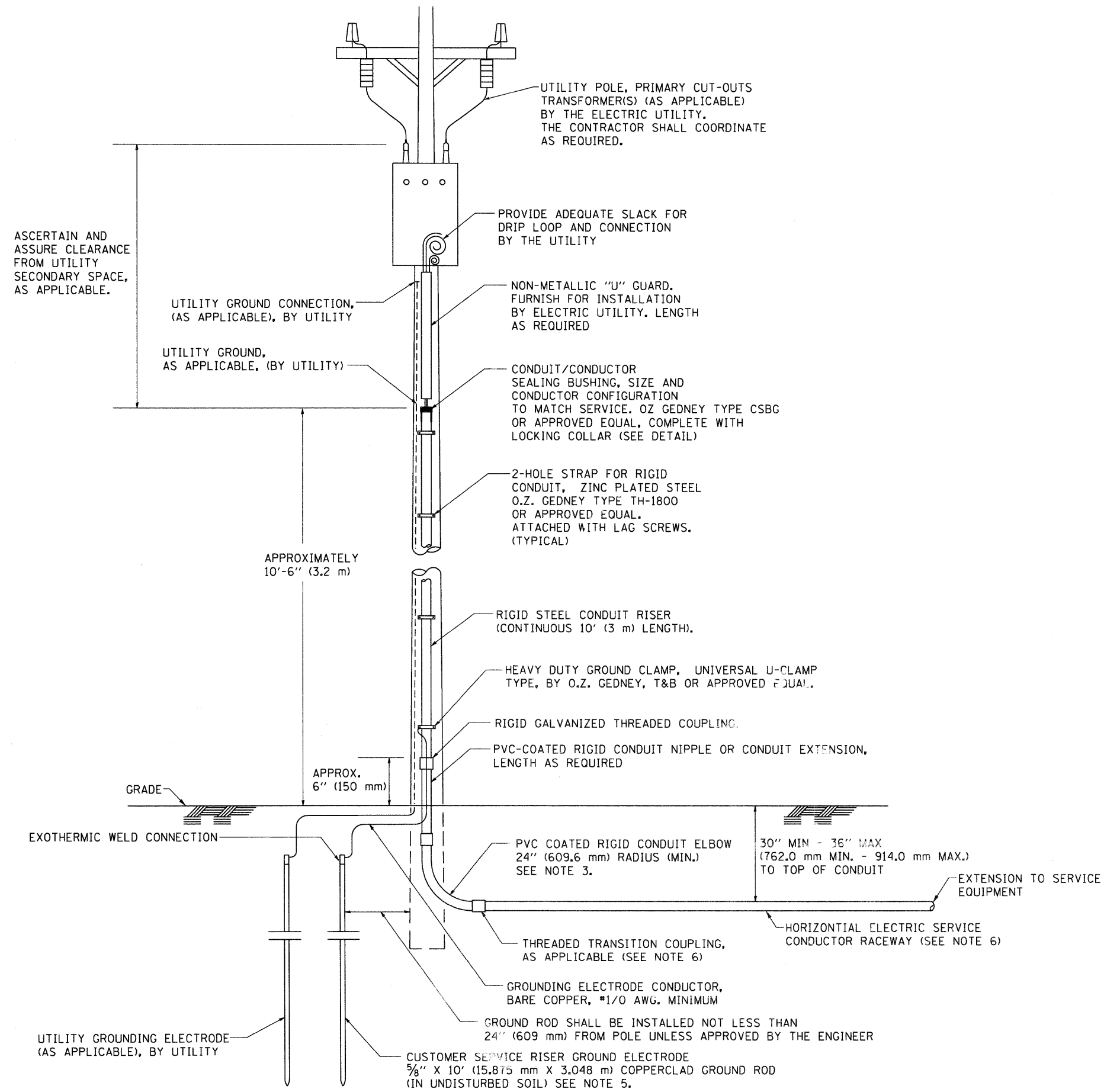
1. CLOSE EXISTING VALVE.
2. REMOVE EXISTING HYDRANT.
3. INSTALL HYDRANT EXTENSION AND NEW VALVE.
4. RELOCATE EXISTING HYDRANT.
5. OPEN EXISTING VALVE, REMOVE BOX.
6. BACKFILL.
7. FLUSH AND TEST FOR CHLORIDE RESIDUAL AND PROVIDE TEST.

ALL WORK TO BE DONE IN ACCORDANCE WITH ARTICLE 564 OF THE STANDARD SPECIFICATIONS. NEW VALVE AND BOX SHALL BE SAME MAKE AND MODEL AS EXISTING.

## FIRE HYDRANT TO BE MOVED

\* F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)  
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = W:\diststd\22x34\bd36.dgn	USER NAME = geglionobt	DESIGNED -	REVISED - R. SHAH 09-09-94	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>FIRE HYDRANT TO BE MOVED</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - R. SHAH 10-25-94			*	06-00036-00-LS	LAKE	70	54
		PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -			<b>BD-36</b>			
		PLOT DATE = 1/4/2008	DATE -	REVISED -	SCALE: NONE	SHEET NO. 1	OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-00D1(810)

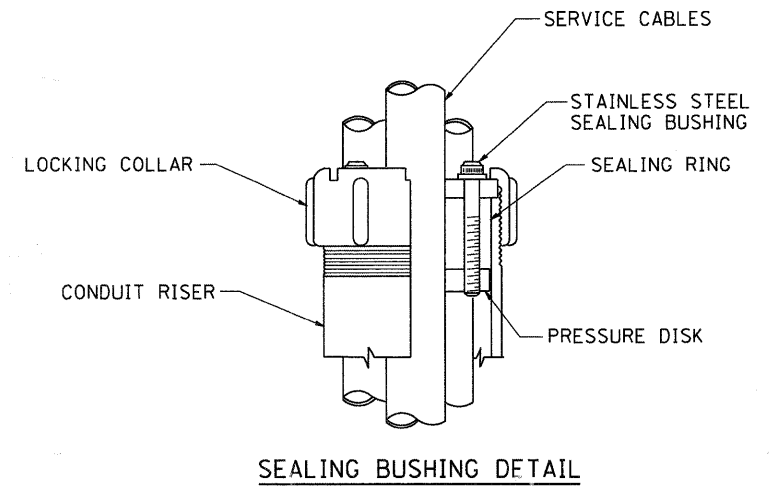


**APPLICATION**

THIS DETAIL APPLIES FOR LOW VOLTAGE ELECTRIC SERVICE (660 V OR LESS) FROM AN OVERHEAD UTILITY SUPPLY TO SEPERATLY-MOUNTED SERVICE EQUIPMENT.

**NOTES**

- SERVICE VOLTAGE SHALL BE AS INDICATED ELSEWHERE IN THE DRAWINGS.
- UNLESS OTHERWISE INDICATED, ITEMS AND WORK SHALL BE INCLUDED AND PAID AS PART OF THE ELECTRIC UTILITY SERVICE INSTALLATION PAY ITEM.
- CONDUIT AND CONNECTOR DIAMETER SHALL MATCH THE DIAMETER OF THE SERVICE CONDUCTOR RACEWAY AS INDICATED ON THE PLANS.
- PVC COATED RACEWAYS AND ACCESSORIES SHALL BE CAREFULLY INSTALLED WITH MFR RECOMMENDED TOOLS AND PROCEDURES TO AVOID DAMAGE. ANY DAMAGE SHALL BE REPAIRED WITH COMPATIBLE PVC TOUCH-UP MATERIAL TO THE SATISFACTION OF THE ENGINEER OR THE DAMAGED MATERIAL SHALL BE REPLACED AT NO ADDITIONAL COST.
- THE CONTRACTOR SHALL OBTAIN INSPECTION AND APPROVAL BY THE ENGINEER OF SERVICE RISER GROUND ELECTRODE, RISER ELBOW, NIPPLE AND CONNECTION TO SERVICE CONDUCTOR RACEWAY EXTENSION BEFORE BACKFILL AND SHALL ALSO OBTAIN INSPECTION OF SERVICE RISER AND SEALING BUSHING BEFORE UTILITY "U" GUARD INSTALLATION AND SERVICE CONNECTION.
- THE HORIZONTAL ELECTRIC SERVICE CONDUCTOR RACEWAY SHALL BE AS INDICATED AND SHALL BE MEASURED SEPARATELY FOR PAYMENT. WHEN THE RACEWAY IS PVC-COATED RIGID GALVANIZED STEEL, THE COUPLING SHALL BE THE SAME. WHEN THE RACEWAY IS PVC CONDUIT (IN CONCRETE), THE COUPLING SHALL BE A METALIC TO NON METALIC ADAPTER. WHEN THE RACEWAY IS ENCASED IN CONCRETE, THE CONCRETE SHALL EXTEND TO COVER THE COUPLING.
- PLANS AND DETAILS INDICATE THE GENERAL NATURE AND REQUIREMENTS. THEY DO NOT SHOW EVERY ACCESSORY AND ATTACHMENT, AND THEY DO NOT RELIEVE THE CONTRACTOR OF THE REQUIREMENTS OF THE SPECIFICATIONS AND SPECIAL PROVISIONS TO ASCERTAIN UTILITY REQUIREMENTS AND TO COORDINATE ACCORDINGLY, FURNISHING ALL ITEMS AND WORK NOT PROVIDED BY THE UTILITY, BUT NECESSARY FOR A COMPLETE SERVICE INSTALLATION IS REQUIRED AND SHALL BE INCLUDED IN THE ELECTRIC UTILITY SERVICE INSTALLATION PAY ITEM.



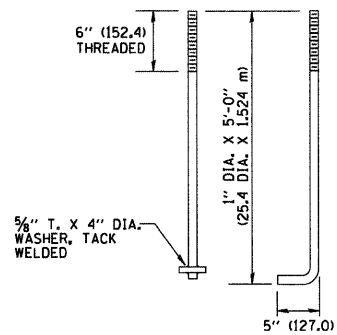
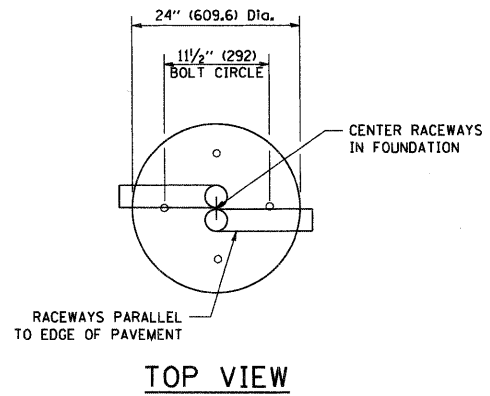
\* F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)

FILE NAME = W:\dist\d\22x34\be228.dgn	USER NAME = geglionbt	DESIGNED -	REVISED - 03-03-06	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ELECTRIC SERVICE INSTALLATION AERIAL REMOTE DISCONNECT</b>		F.A. RTE. *	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 50.0000' / IN.	CHECKED - MEA	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	06-00036-00-LS	LAKE	70	55	
	PLOT DATE = 1/4/2008	DATE -	REVISED -				TO STA.	BE-220				CONTRACT NO. 63167
								FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-00D1(810)				

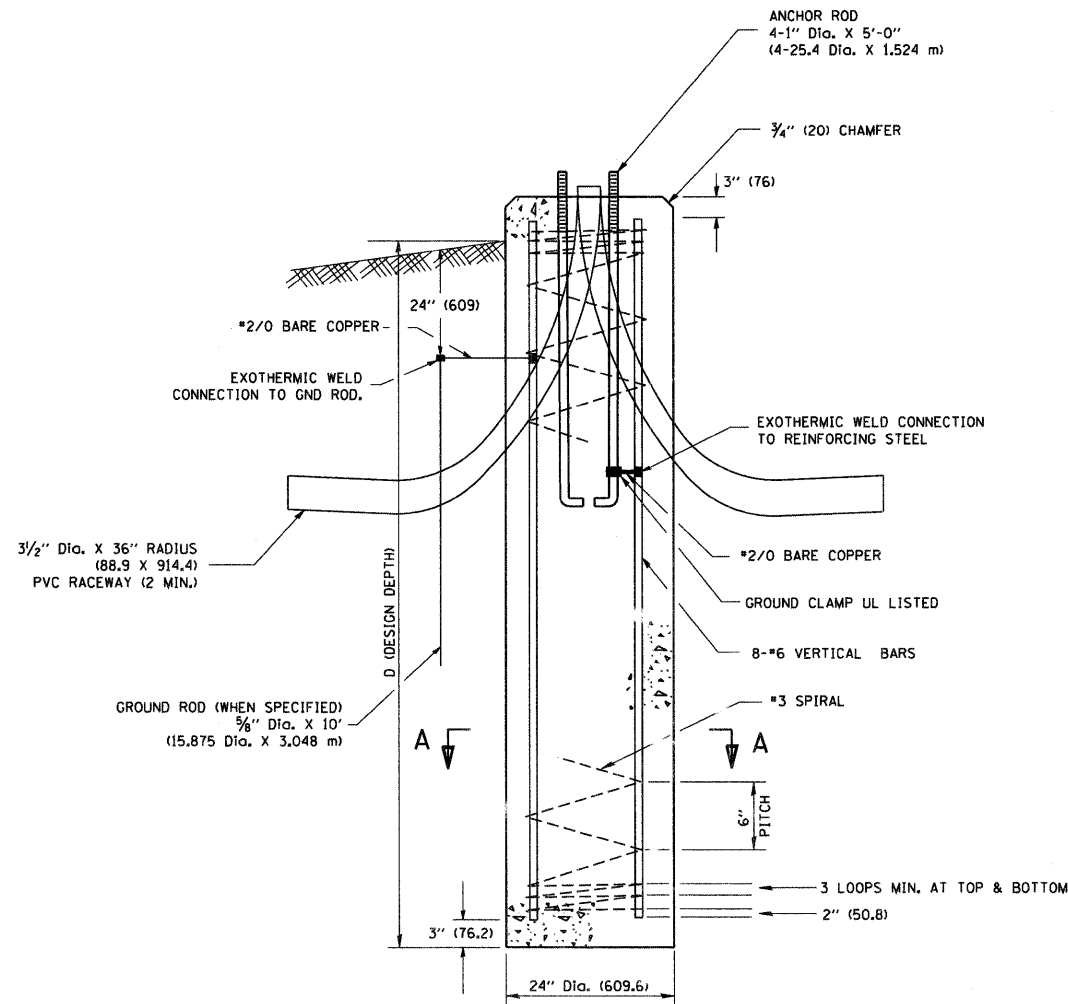


**LIGHT POLE FOUNDATION DEPTH TABLE**  
**30 FT. (9.144 m) TO 35 FT. (10.668 m) MOUNTING HEIGHT**

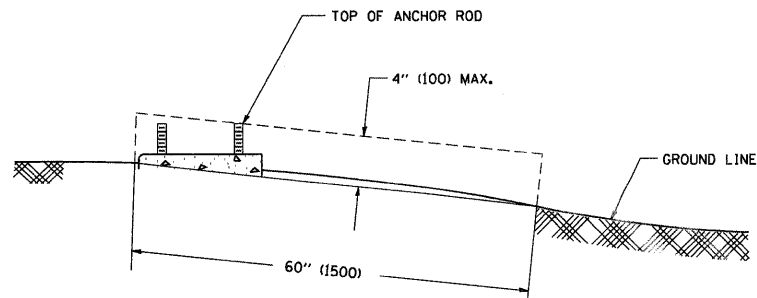
SOIL CONDITIONS	DESIGN DEPTH "D" OF FOUNDATION	
	SINGLE ARM POLE	TWIN ARM POLE
SOFT CLAY Qu = 0.375 TON/SO. FT.	11'-0" (3.35 m)	12'-8" (3.85 m)
MEDIUM CLAY Qu = 0.75 TON/SO. FT.	9'-0" (2.74 m)	14'-10" (4.52 m)
STIFF CLAY Qu = 1.50 TON/SO. FT.	7'-6" (2.29 m)	8'-7" (2.61 m)
LOOSE SAND φ = 34°	9'-6" (2.90 m)	10'-7" (3.22 m)
MEDIUM SAND φ = 37.5°	9'-0" (2.74 m)	9'-10" (2.99 m)
DENSE SAND φ = 40°	8'-3" (2.51 m)	9'-7" (2.91 m)



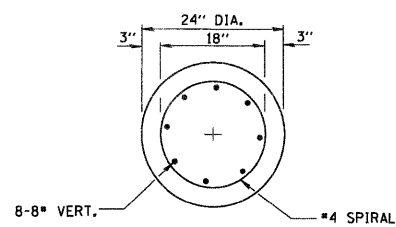
**ANCHOR BOLT DETAIL**



**FOUNDATION DETAIL**



**FOUNDATION EXTENSION DETAIL**



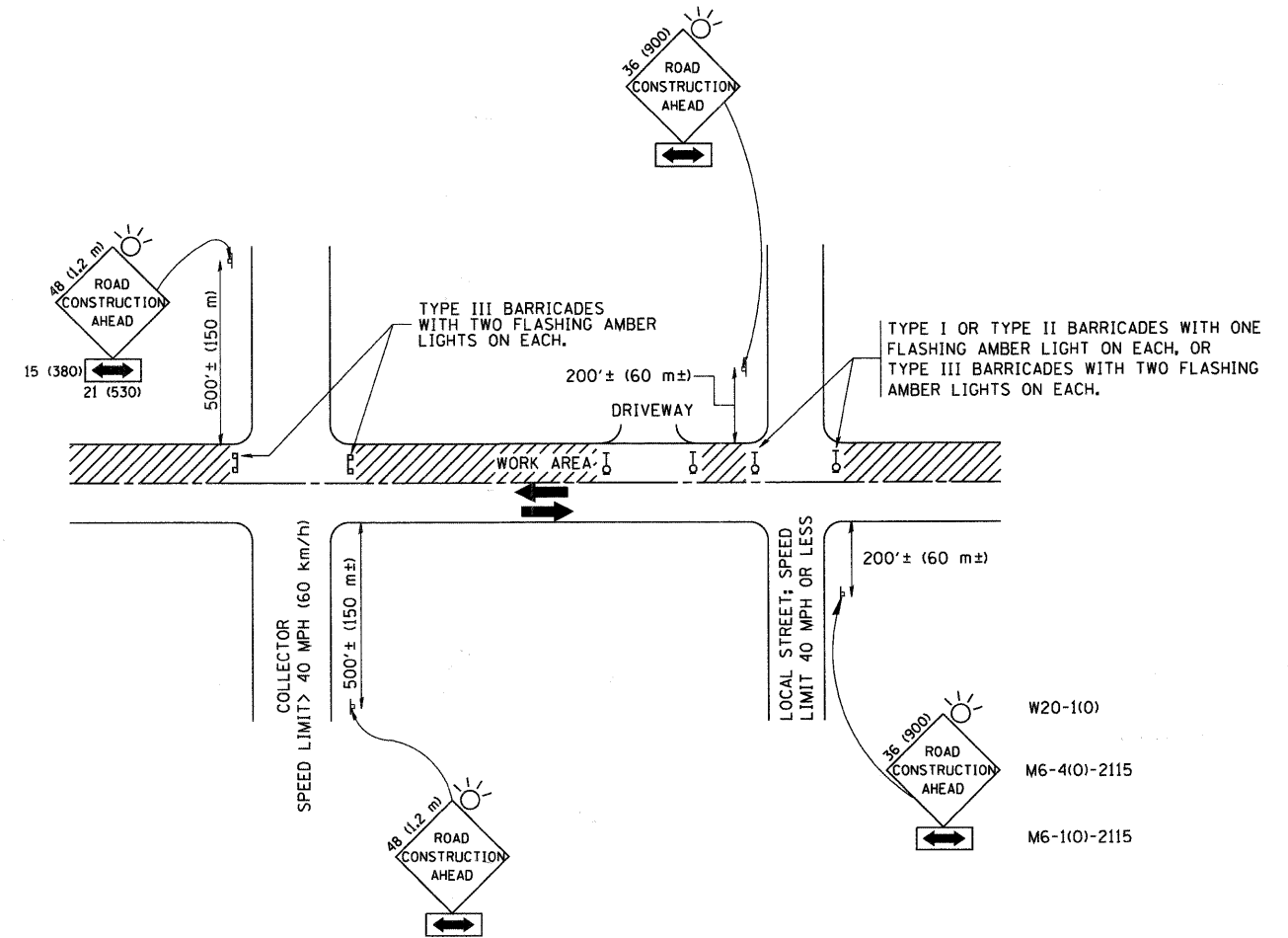
**SECTION A-A**

**NOTES**

- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- THE ANCHOR RODS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IS PLACED.
- THE FOUNDATION SHALL NOT PROTRUDE MORE THAN 4 IN. (100 mm) ABOVE THE FINISHED GRADE WITHIN A 60 IN. (1.5 m) CHORD ACROSS THE FOUNDATION, WITH ANCHOR RODS INCLUDED, IN ACCORDANCE WITH AASHTO GUIDELINES. IF THE FOUNDATION HEIGHT, INCLUDING ANCHOR RODS, EXTENDS BEYOND THESE SPECIFIED LIMITS, THE FOUNDATION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. SEE FOUNDATION EXTENSION DETAIL.
- THE HOLE FOR THE FOUNDATION SHALL BE MADE BY DRILLING WITH AN AUGER, OF THE SAME DIAMETER AS THE FOUNDATION. IF SOIL CONDITIONS REQUIRE THE USE OF A LINER TO FORM THE HOLE, THE LINER SHALL BE WITHDRAWN AS THE CONCRETE IS DEPOSITED.
- THE TOP OF THE FOUNDATION SHALL BE CONSTRUCTED LEVEL. A LINER OR FORM SHALL BE USED TO PRODUCE A UNIFORM SMOOTH SIDE TO THE TOP OF THE FOUNDATION. FOUNDATION TOP SHALL BE CHAMFERED 3/4-IN. (20 mm).
- THE CONCRETE SHALL BE CLASS S1. CONCRETE SHALL CURE ACCORDING TO ARTICLE 1020.13 BEFORE LIGHT POLES ARE INSTALLED.
- THE ANCHOR ROD SHALL BE A HOOK ROD TYPE. COLD BENDING OF THE ANCHOR ROD WILL NOT BE ALLOWED. THE RADIUS OF THE HOOK BEND SHALL NOT BE LESS THAN 4 TIMES THE NOMINAL DIAMETER OF THE ANCHOR ROD. A TACK WELDED ANCHOR ROD MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER.
- THE ANCHOR RODS SHALL BE ACCORDING TO ASTM F1554 GRADE 725 (GRADE 105). NUTS SHALL BE HEXAGON NUTS ACCORDING TO ASTM A 194 2H OR ASTM A 563 DH, AND WASHERS SHALL BE ACCORDING TO ASTM F 436.
- ANCHOR RODS, NUTS AND WASHERS SHALL BE COMPLETELY GALVANIZED BY EITHER THE HOT-DIPPED PROCESS CONFORMING WITH AASHTO M 232, THE MECHANICAL PLATING METHOD CONFORMING TO AASHTO M 298, CLASS 50 WITH A MAXIMUM COATING THICKNESS OF 150 UMG (MILS) OR THE ELECTROLYTIC PROCESS ACCORDING TO ASTM F 1136.
- THE ANCHOR RODS SHALL BE THREADED A MINIMUM OF 6 INCHES (150 mm) WITH A MINIMUM OF 3 INCHES (75 mm) OF THREADED ANCHOR ROD EMBEDDED IN THE FOUNDATION.
- ANCHOR RODS SHALL PROJECT 2 3/4" (69.9 mm) ABOVE THE TOP OF THE FOUNDATION. IF BREAKAWAY COUPLINGS ARE SPECIFIED, THE CONTRACTOR SHALL CAREFULLY COORDINATE THE ANCHOR ROD PROJECTION WITH THE INSTALLATION REQUIREMENTS OF THE BREAKAWAY COUPLINGS.
- THE CONTRACTOR SHALL USE A #3 SPIRAL AT 6" (152.4 mm) PITCH OR MAY SUBSTITUTE #3 TIES AT 12" (304.8 mm) O.C. WITH THE APPROVAL OF THE ENGINEER.
- THE CABLE TRENCHES AND FOUNDATION SHALL BE BACK FILLED AND COMPACTED AS SPECIFIED BEFORE THE LIGHT POLE IS ERECTED.
- THE RACEWAYS SHALL PROJECT 1" (25.4 mm) ABOVE THE TOP OF THE FOUNDATION.

\* F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)

FILE NAME = W:\diststd\22x34\be300.dgn	USER NAME = goglienobt	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>LIGHT POLE FOUNDATION</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -		30' (9.144 m) TO 35' (10.668 m) M.H. 11 1/2" (292 mm) BOLT CIRCLE		*	06-00036-00-LS	LAKE	70	56
		CHECKED -	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	BE-300		CONTRACT NO. 63167	
		DATE -	REVISED -				TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-00D1 (810)			



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

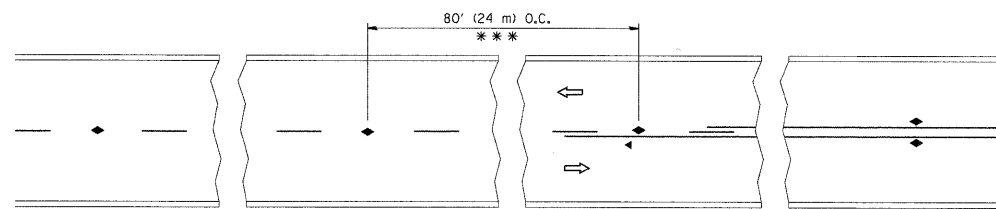
NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
  1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
    - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
    - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
  2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
    - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
    - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- 3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:
 

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

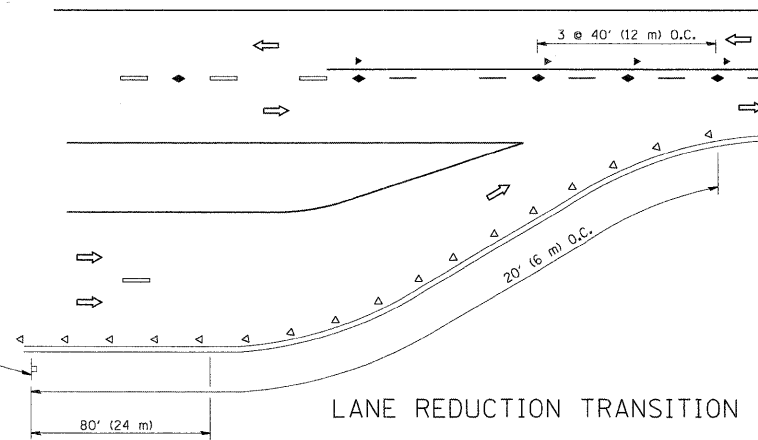
\* F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)  
All dimensions are in millimeters (inches) unless otherwise shown.

FILE NAME = W:\dststd\22x34\10.dgn	USER NAME = gaglienobt	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS</b>				F.A. RTE. *	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - A. HOUSEH 03-06-96		SCALE: NONE	SHEET NO. 1	OF 1 SHEETS	STA.	TO STA.	06-00036-00-LS	LAKE	70	57
		PLOT SCALE = 50.000' / IN.	REVISED - A. HOUSEH 10-15-96		TC-10		CONTRACT NO. 63167		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-0001 (810)				
		PLOT DATE = 1/4/2008	DATE - 06-89		REVISED - T. RAMMACHER 01-06-00								

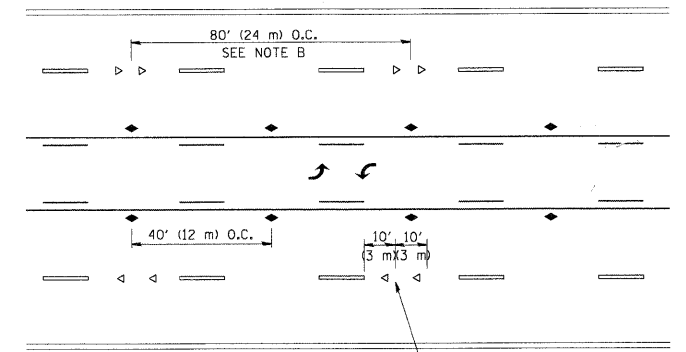


\*\*\* REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

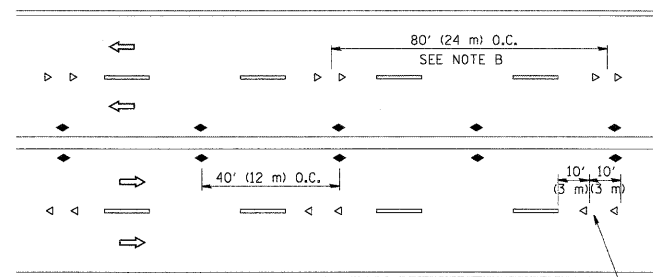
TWO-LANE/TWO-WAY



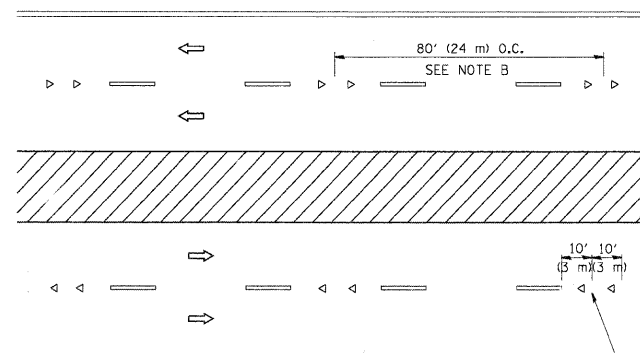
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

SYMBOLS

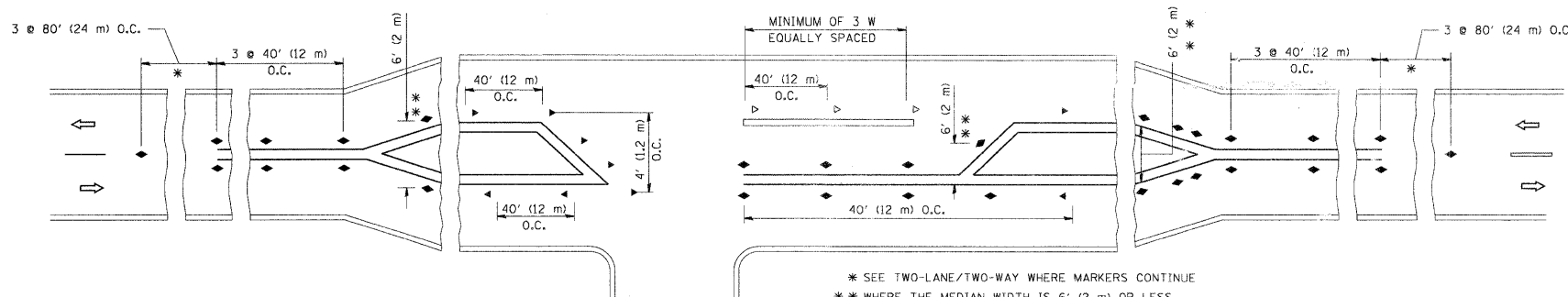
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHOULD BE INCLUDED IN THE PLANS.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



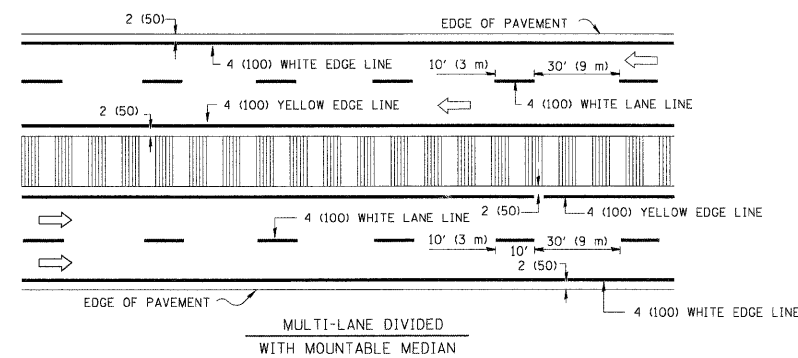
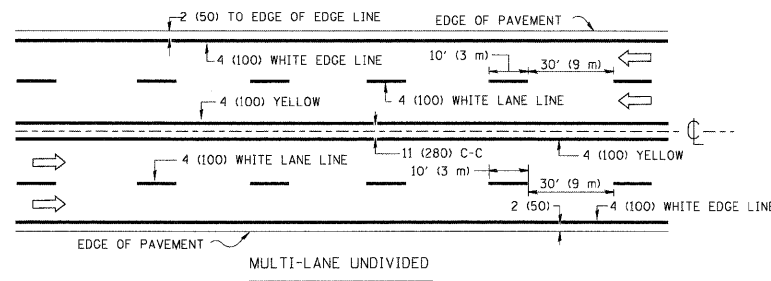
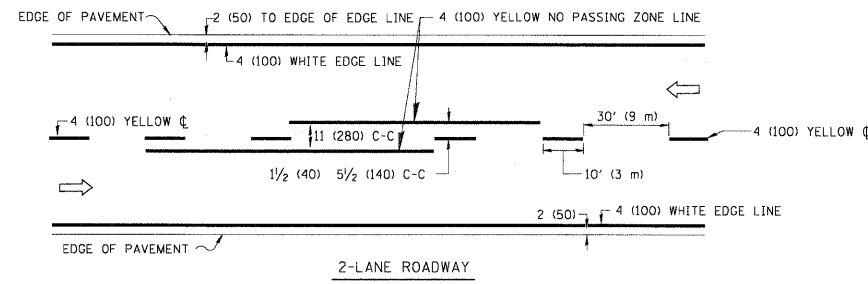
LEFT TURN

\* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE  
 \*\* WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO WAY MARKERS

\*F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)

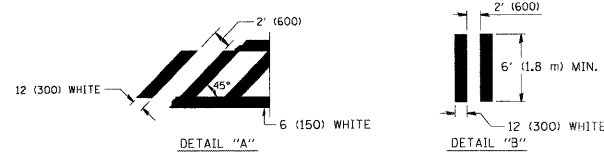
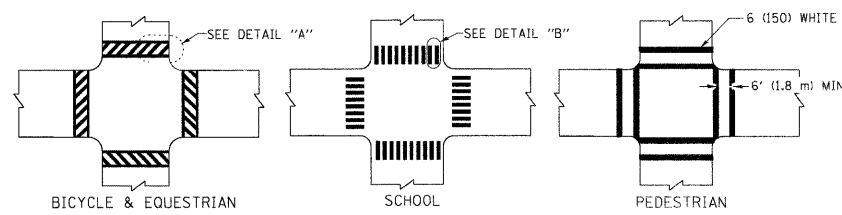
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = drivakosgn	DESIGNED -	REVISED - T. RAMMACHER 09-19-94	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL APPLICATIONS</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\drivakosgn\0108315\to1.dgn		DRAWN -	REVISED - T. RAMMACHER 03-12-99		<b>RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)</b>			*	06-00036-00-LS	LAKE	70	58
		CHECKED -	REVISED - T. RAMMACHER 01-06-00		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	<b>TC-11</b>				
		DATE -	REVISED - C. JUCIUS 09-09-09		CONTRACT NO. 63167							

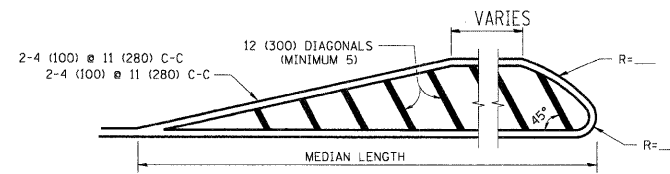
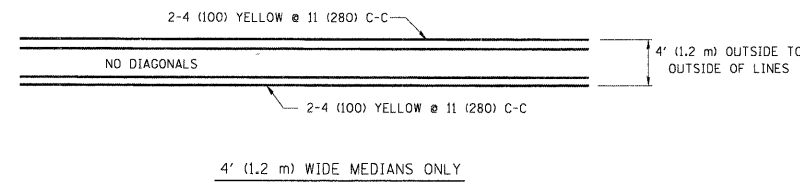


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING

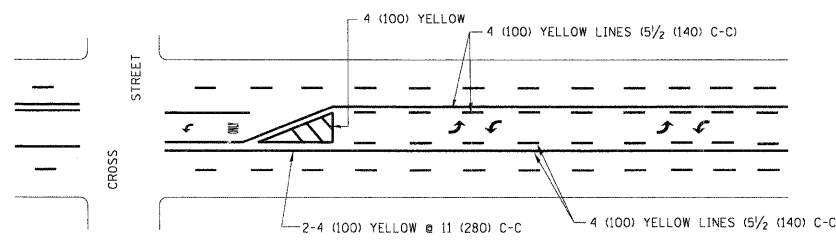


TYPICAL CROSSWALK MARKING

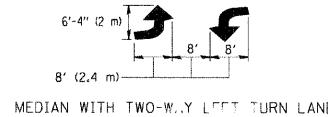


FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.  
 DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))  
 75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)  
 150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

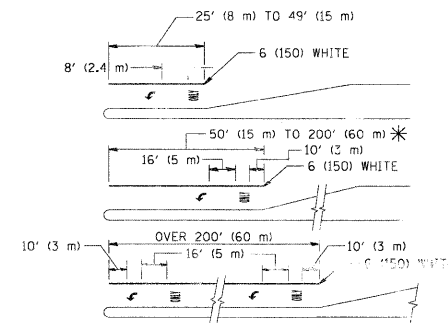
MEDIANS OVER 4' (1.2 m) WIDE



A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



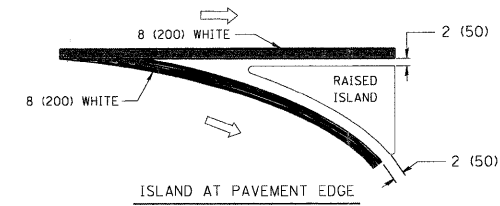
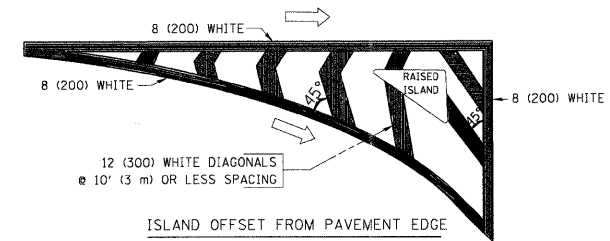
TYPICAL PAINTED MEDIAN MARKING



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  
 \* AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) ONLY AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)  
 \* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING

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

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

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

\* F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)

FILE NAME =	USER NAME = drivakosgn	DESIGNED - EVERS	REVISED - T. RAMMACHER 10-27-94
o:\p\work\p\dot\drivakosgn\d2108315\to3.dgn		DRAWN -	REVISED - C. JUCIUS 09-09-09
	PLOT SCALE = 50,000 / IN.	CHECKED -	REVISED -
	PLOT DATE = 9/9/2009	DATE - 03-19-90	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

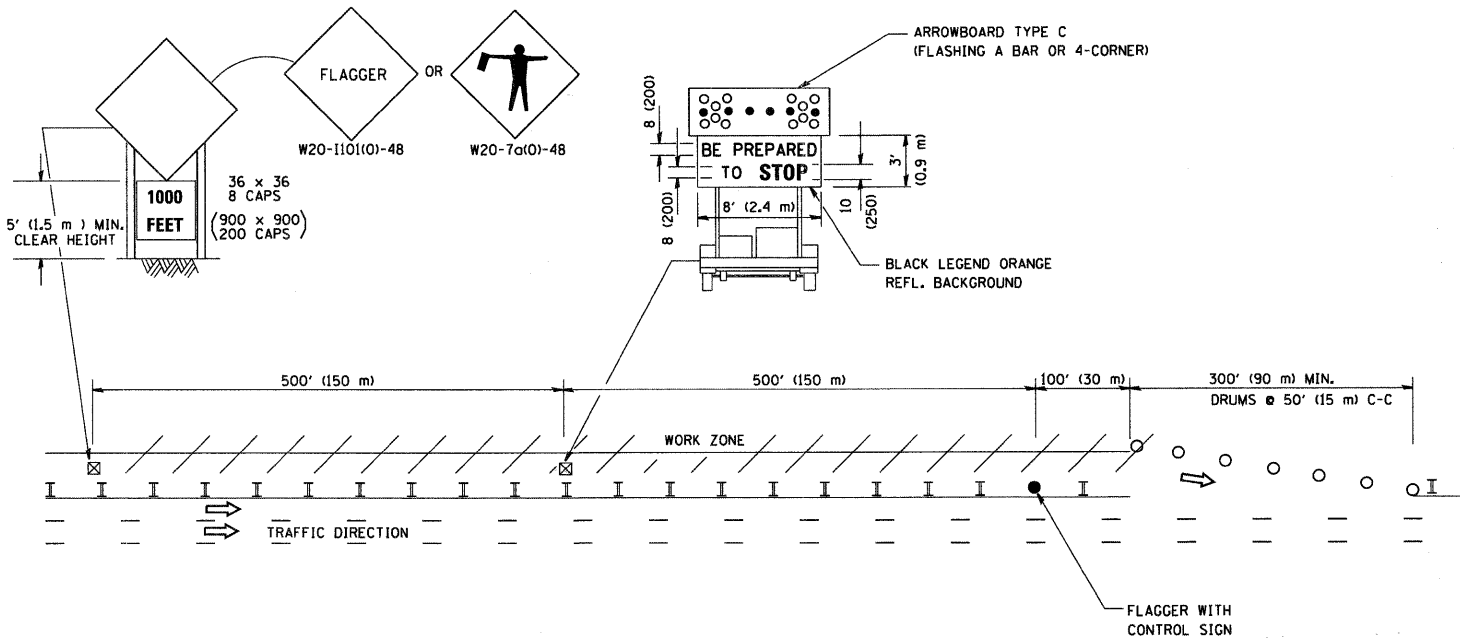
DISTRICT ONE  
TYPICAL PAVEMENT MARKINGS

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

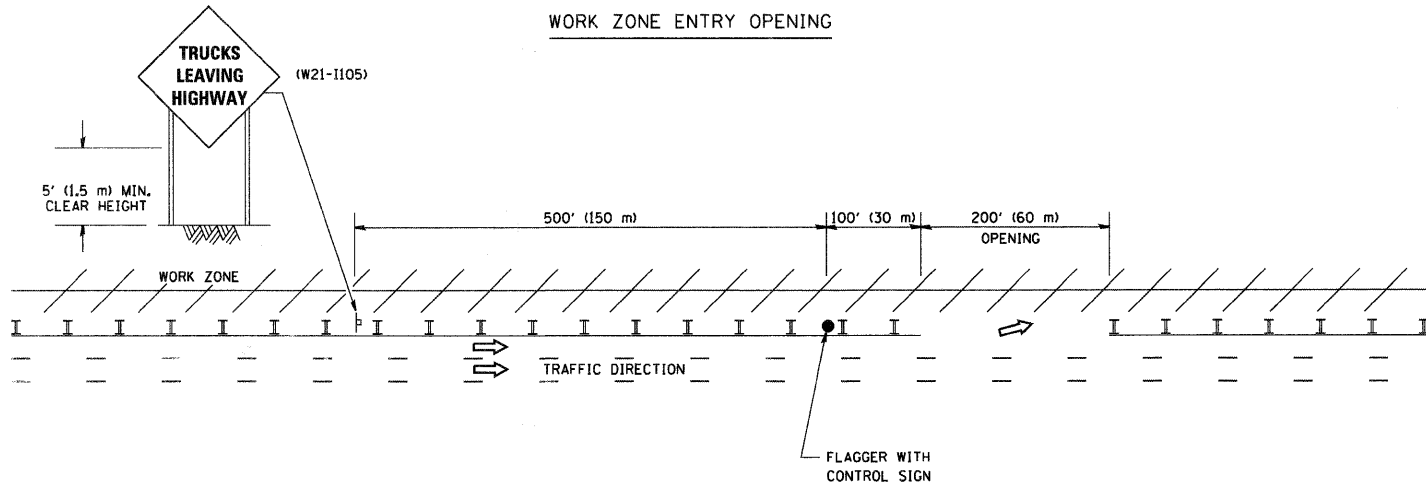
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00036-00-LS	LAKE	70	59
TC-13		CONTRACT NO. 63167		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT AREA-00DI (810)				

SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

WORK ZONE EXIT OPENING



WORK ZONE ENTRY OPENING

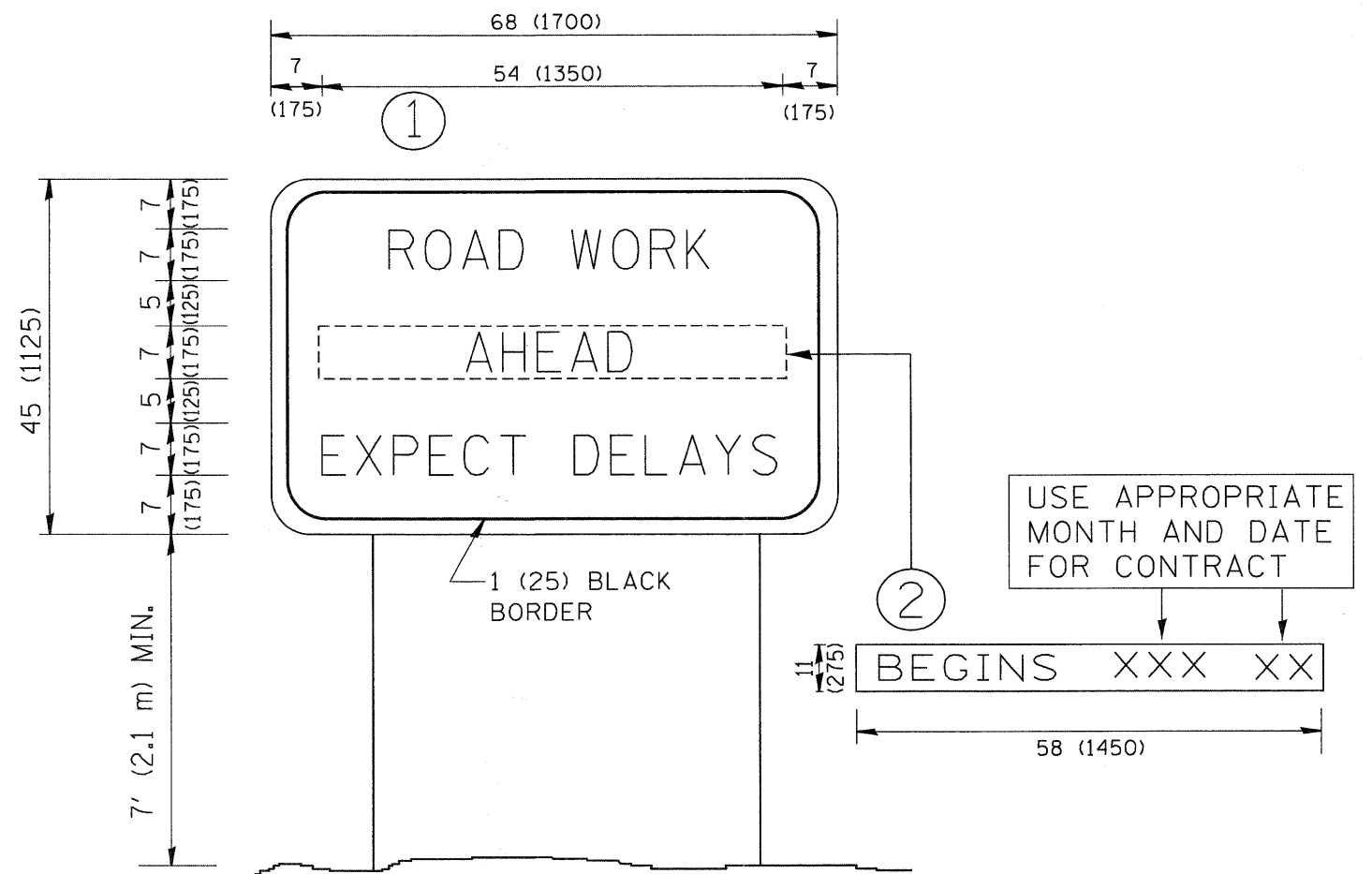


NOTES:

1. The Arrowboard, the Flagger Ahead trailer mounted sign, and the Trucks Leaving Highway sign shall be removed or turned away from traffic and the exit and entry openings shall be closed when the flagging operation ceases.
2. Work Zone Exit Openings should be a minimum of one half mile apart.
3. Exiting the work zone at any place other than at a Work Zone Exit Opening will be prohibited.
4. All vehicles shall enter the work zone at entry openings, using their turn signals to warn motorists

\* F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)  
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)  
UNLESS OTHERWISE SHOWN

FILE NAME = W:\state\22x34\c18.dgn	USER NAME = goglionobt	DESIGNED - DRAWN -	REVISED - D.W.S. 08-98	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 50,000' / IN.	CHECKED -	REVISED - J.A.F. 04-03		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	06-00036-00-LS	LAKE	70	60
	PLOT DATE = 1/4/2008	DATE -	REVISED - J.A.F. 02-06						TC-18			
			REVISED - S.P.B. 01-07						FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT ARA-00D1 (810)		



**NOTES:**

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

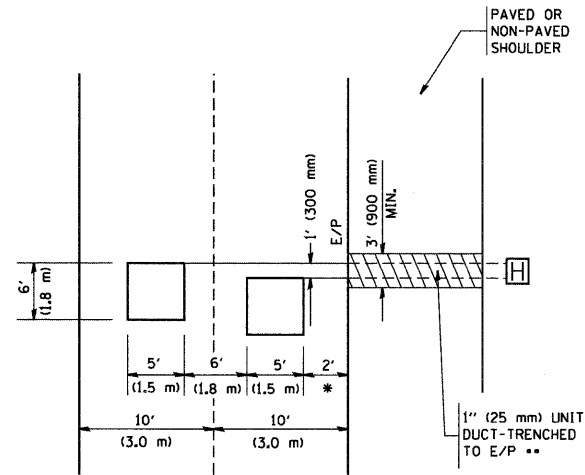
\* F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)

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

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		DRAWN -	REVISED - R. MIRS 12-11-97				06-00036-00-LS	LAKE	70	61
		PLOT SCALE = 50.000" / IN.	REVISED - T. RAMMACHER 02-02-99				TC-22			CONTRACT NO. 63167
		PLOT DATE = 1/4/2008	REVISED - C. JUCIUS 01-31-07			SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-0001 (810)

**LOOPS NEXT TO SHOULDERS**

PROVIDE A PAVEMENT REPLACEMENT NOTE WHICH SHOULD EQUAL 3' (900 mm) X WIDTH OF PAVED SHOULDER.

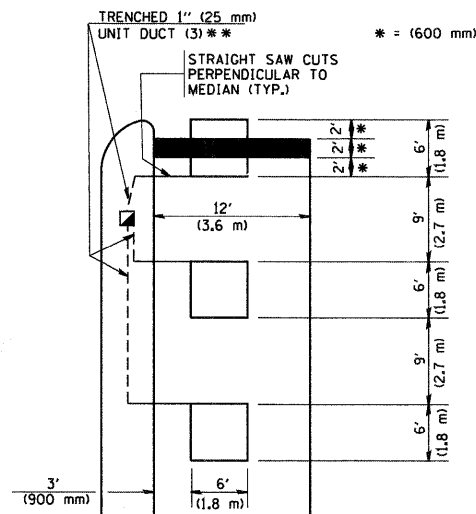


\* = (600 mm)

\*\* UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

**LEFT TURN LANES WITH MEDIANS  
VOLUME DENSITY ("FAR OUT" DETECTION)  
ON SAME APPROACH  
(PROTECTED / PERMITTED LEFT TURN PHASING)**

HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE. REFER TO STANDARD 814001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.

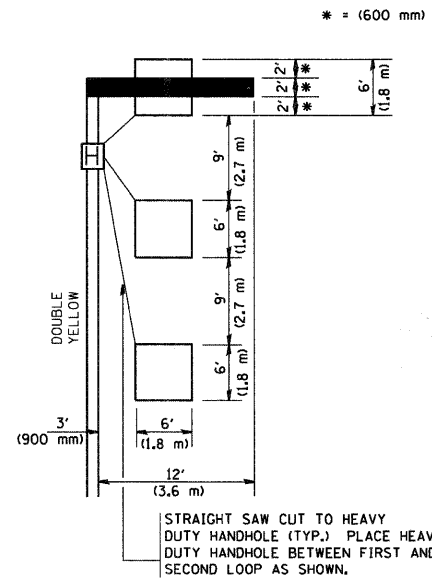


\* = (600 mm)

\*\* UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

**LEFT TURN LANES WITHOUT MEDIANS  
VOLUME DENSITY ("FAR OUT" DETECTION)  
ON SAME APPROACH  
(PROTECTED / PERMITTED LEFT TURN PHASING)**



\* = (600 mm)

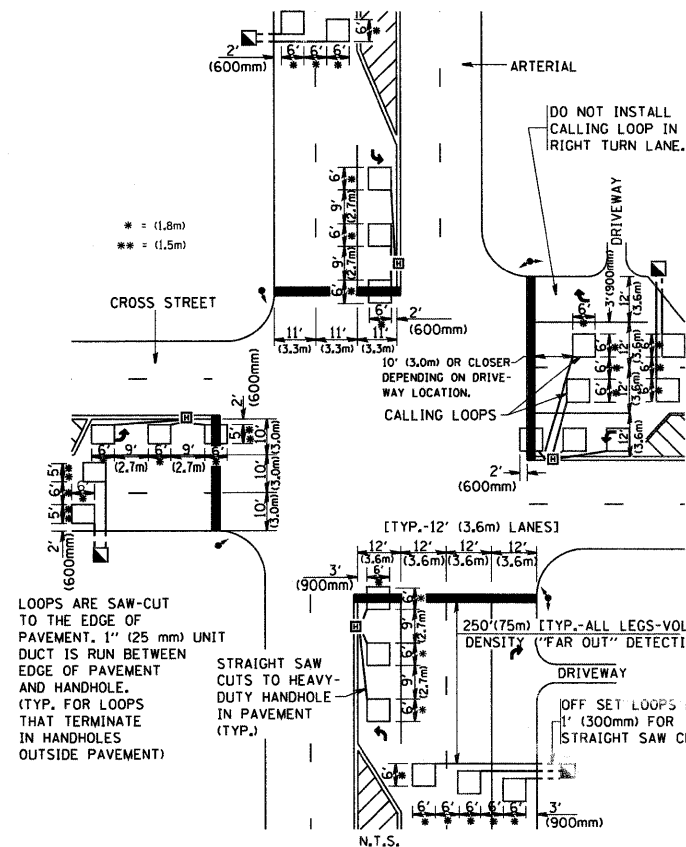
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

**NOTES:**

**VEHICLES LOOP DETECTORS**

- \* ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- \* EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- \* EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATELY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- \* ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
- \* EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
- \* WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
- \* WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

**ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)  
CROSS STREET-VOLUME DENSITY ("FAR OUT" DETECTION)**



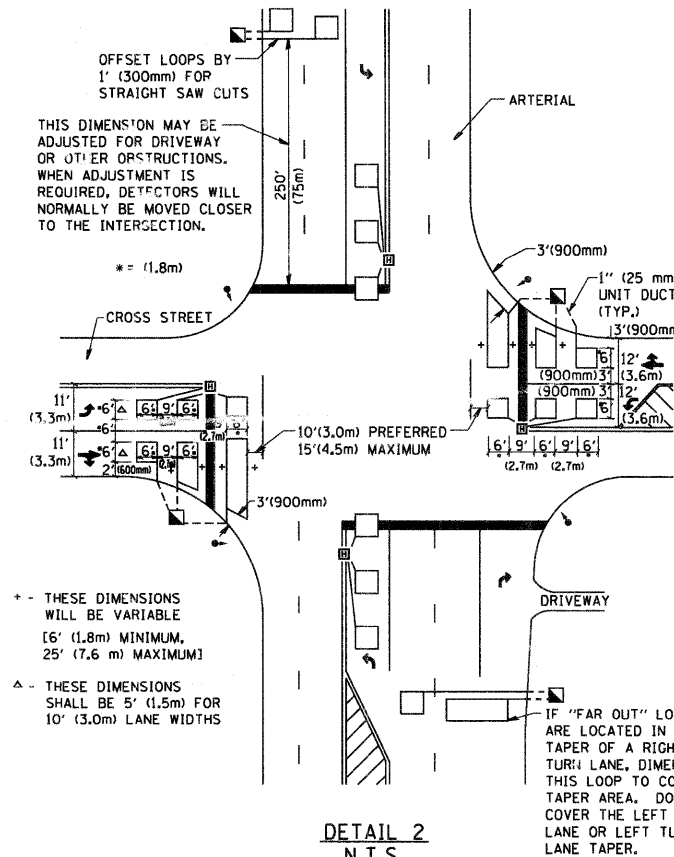
\* = (1.8m)  
\*\* = (1.5m)

LOOPS ARE SAW-CUT TO THE EDGE OF PAVEMENT. 1" (25 mm) UNIT DUCT IS RUN BETWEEN EDGE OF PAVEMENT AND HANDHOLE. (TYP. FOR LOOPS THAT TERMINATE IN HANDHOLES OUTSIDE PAVEMENT)

STRAIGHT SAW CUTS TO HEAVY-DUTY HANDHOLE IN PAVEMENT (TYP.)

**DETAIL 1  
N.T.S.**

**ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)  
CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)**



△ THESE DIMENSIONS SHALL BE 5' (1.5m) FOR 10' (3.0m) LANE WIDTHS

**DETAIL 2  
N.T.S.**

**PLACEMENT OF DETECTORS**

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DIMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

**NOTE:**

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

\* F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

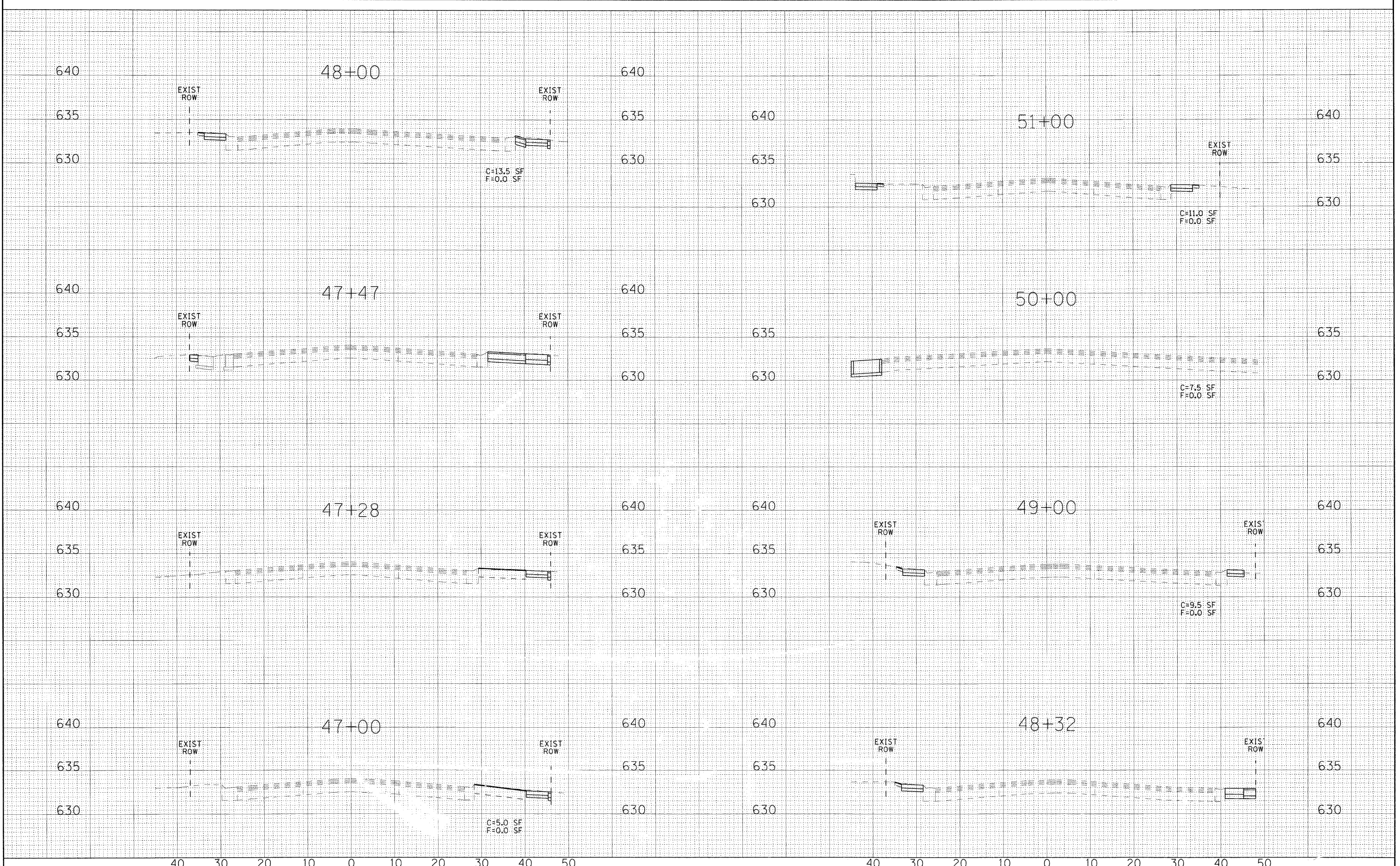
**DISTRICT 1 - DETECTOR LOOP INSTALLATION  
DETAILS FOR ROADWAY RESURFACING**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	06-00036-00-LS	LAKE	70	62
TS-07			CONTRACT NO. 63167	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-00DI(810)				



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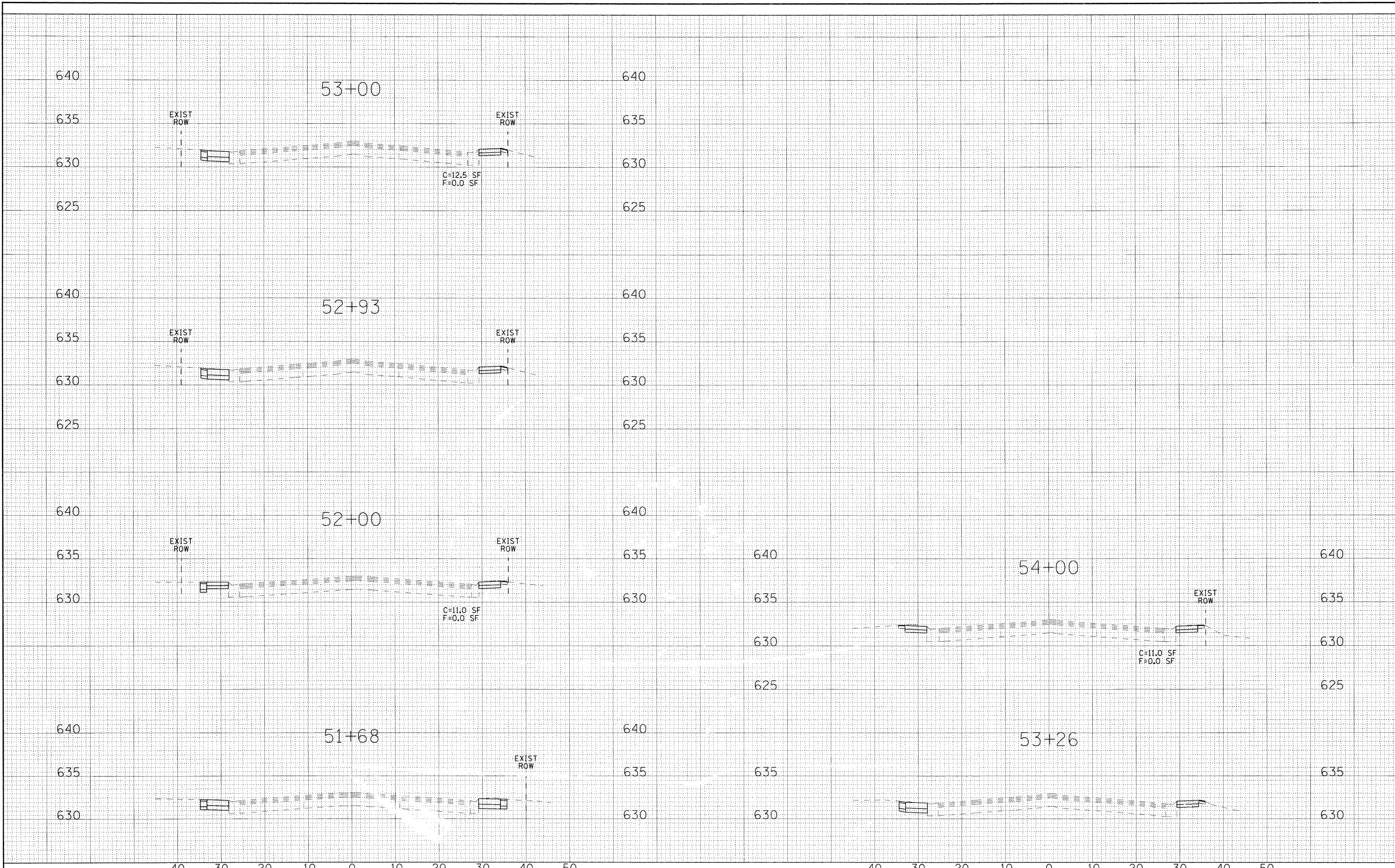
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**VILLAGE OF WINTHROP HARBOR, ILLINOIS**  
**ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7TH STREET**  
**STREETScape IMPROVEMENTS**

**CROSS SECTIONS**  
**ILLINOIS ROUTE 137 (SHERIDAN ROAD)**  
 SCALE: 1" = 10' (HORIZ); 1" = 5' (VERT)      STA. 47+00      TO STA. 51+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C-91-197-10	06-00036-00-LS	LAKE	70	63
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	ARA-0001810	CONTRACT NO. 63167	
F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)				

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**VILLAGE OF WINTHROP HARBOR, ILLINOIS**  
**ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7TH STREET**  
**STREETSCAPE IMPROVEMENTS**

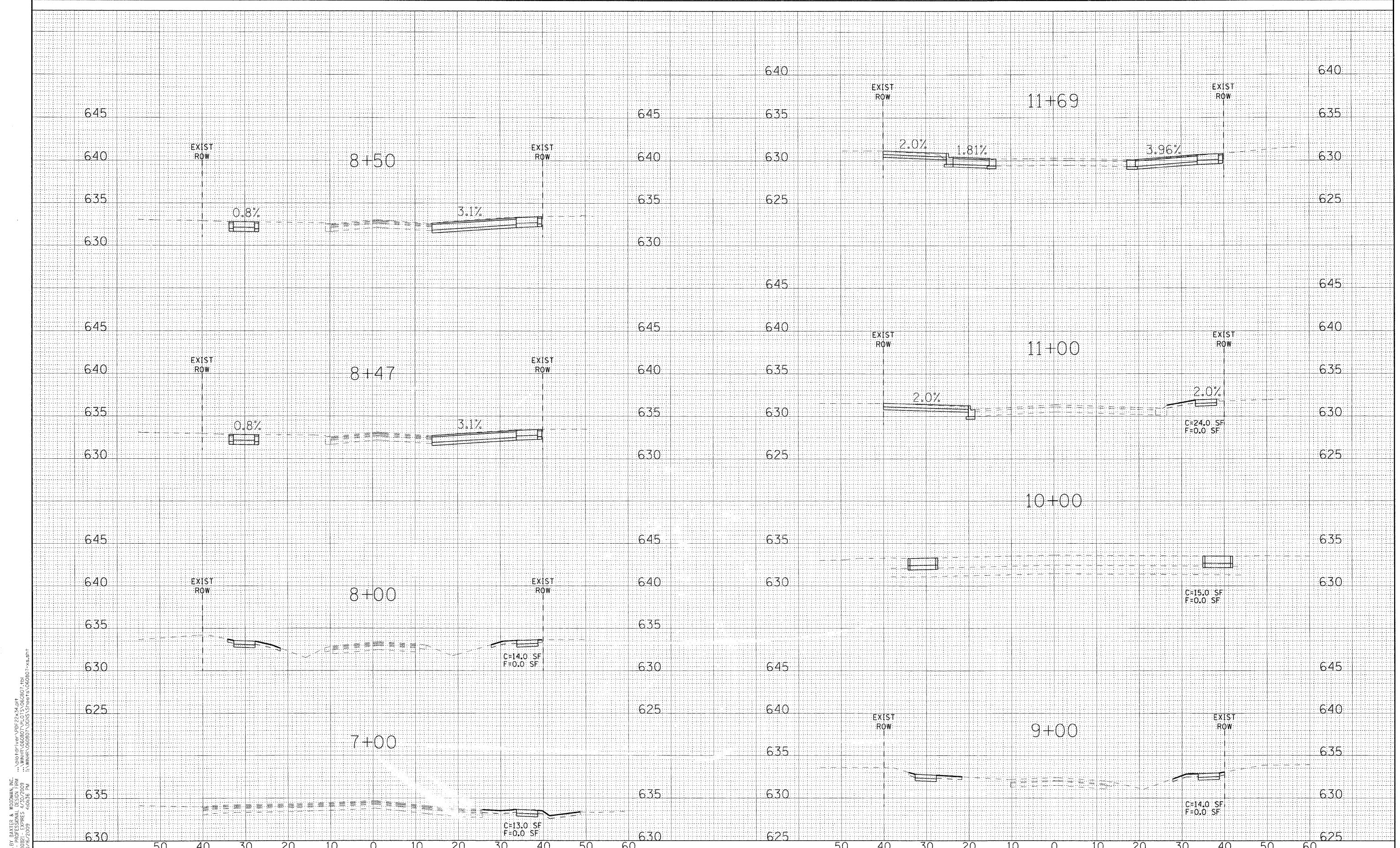
**CROSS SECTIONS**  
**ILLINOIS ROUTE 137 (SHERIDAN ROAD)**

SCALE: 1" = 10' (HORIZ); 1" = 5' (VERT)      STA. 51+68      TO STA. 54+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• C-91-197-10	06-00036-00-LS	LAKE	70	64
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	CONTRACT NO. 63167	
		ARA-00018101		

• F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)





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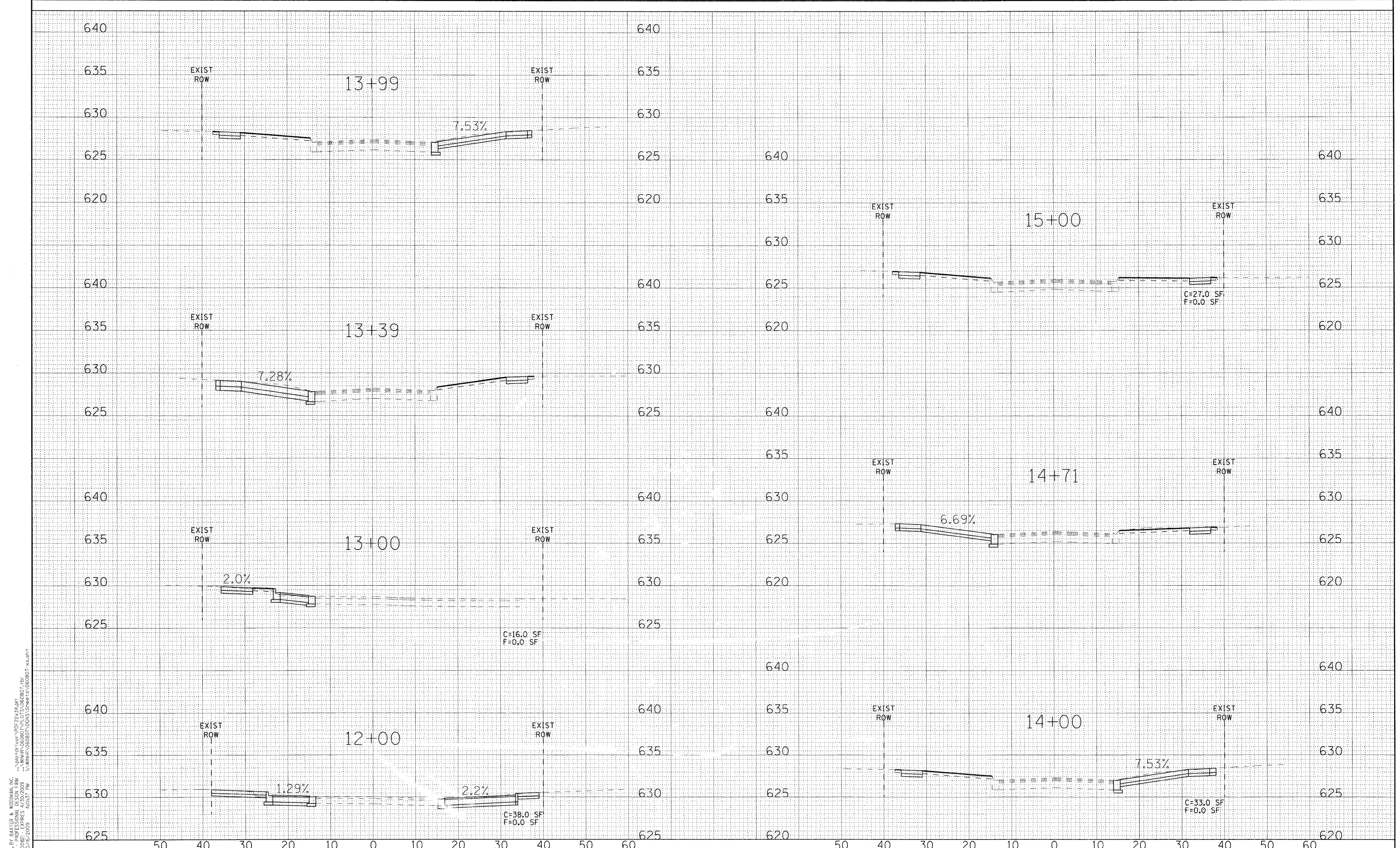


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**VILLAGE OF WINTHROP HARBOR, ILLINOIS**  
**ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7TH STREET**  
**STREETSCAPE IMPROVEMENTS**

**CROSS SECTIONS - 7TH STREET**  
 SCALE: 1" = 10' (HORIZ); 1" = 5' (VERT)  
 STA. 7+00 TO STA. 11+69

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C-91-197-10	06-00036-00-LS	LAKE	70	65
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	CONTRACT NO. 63167	
		ARA-000(1810)	F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)	



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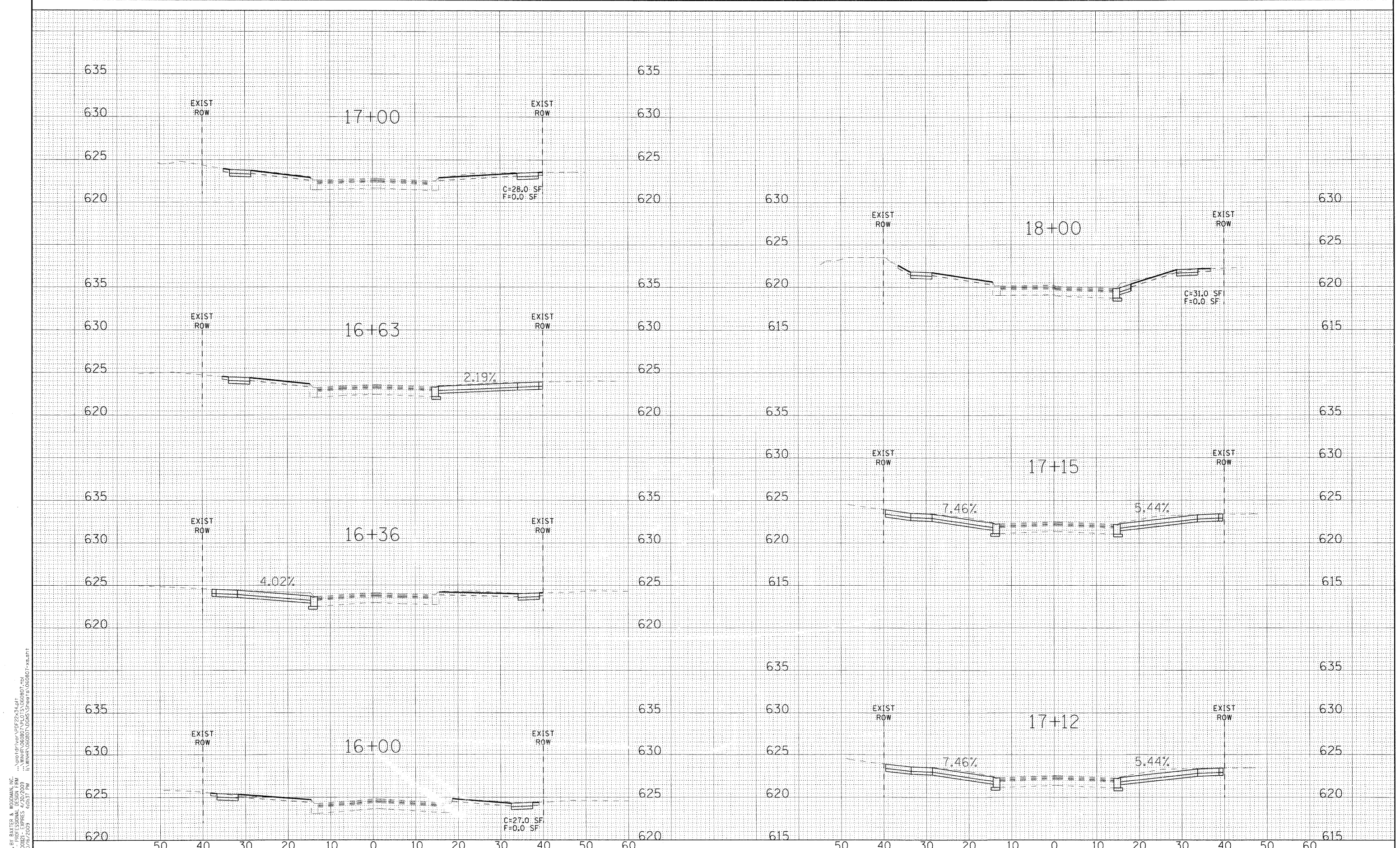
**VILLAGE OF WINTHROP HARBOR, ILLINOIS**  
**ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7TH STREET**  
**STREETScape IMPROVEMENTS**

**CROSS SECTIONS - 7TH STREET**  
 SCALE: 1" = 10' (HORIZ); 1" = 5' (VERT)  
 STA. 12+00 TO STA. 15+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C-91-197-10	06-00036-00-LS	LAKE	70	66
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	CONTRACT NO. 63167	
		ARA-0001810		

• F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)





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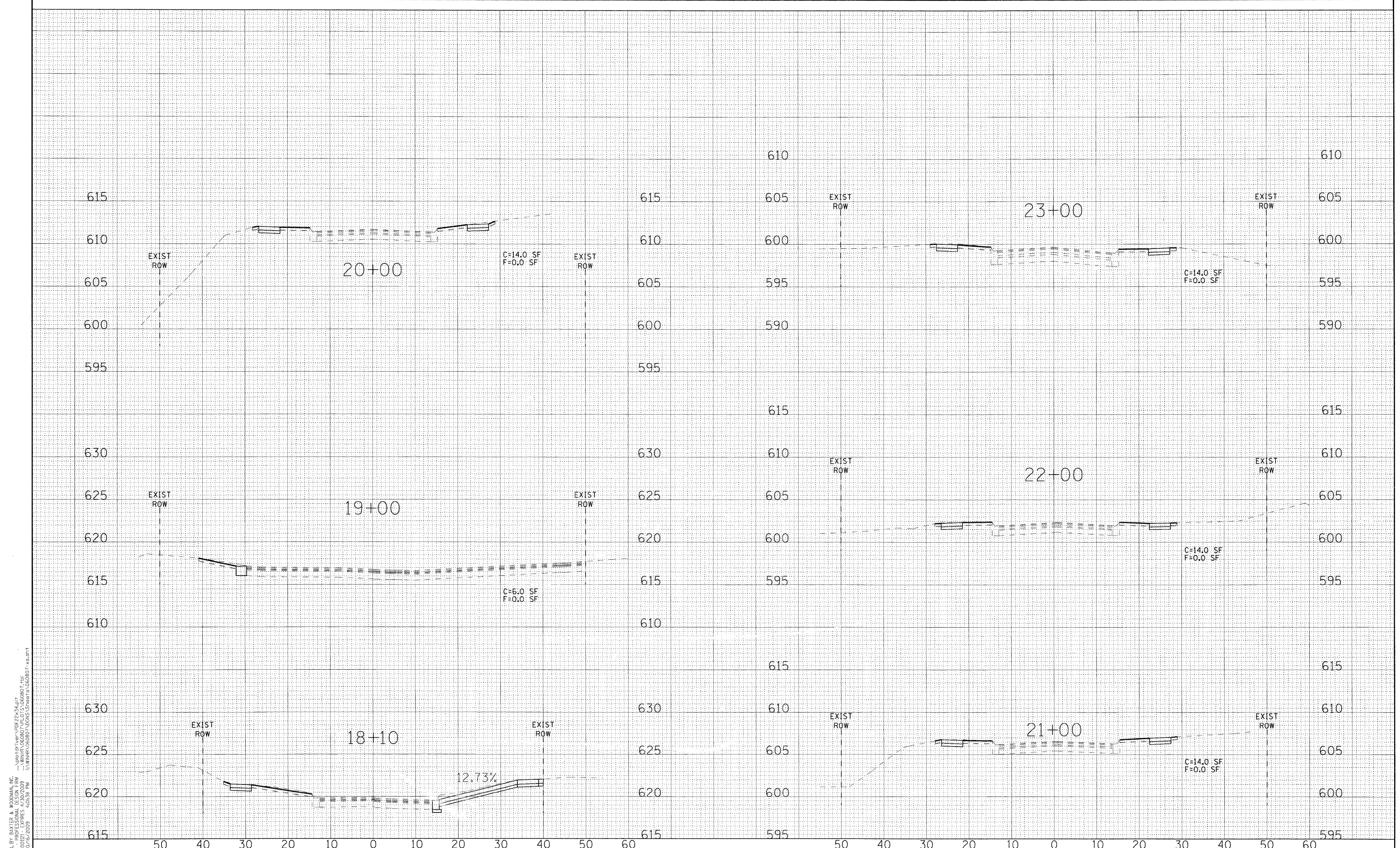
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**VILLAGE OF WINTHROP HARBOR, ILLINOIS**  
**ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7TH STREET**  
**STREETScape IMPROVEMENTS**

**CROSS SECTIONS - 7TH STREET**  
 SCALE: 1" = 10' (HORIZ); 1" = 5' (VERT)  
 STA. 16+00 TO STA. 18+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C-91-197-10	06-00036-00-LS	LAKE	70	67
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	CONTRACT NO. 63167	
		ARA-0001810		

• F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)



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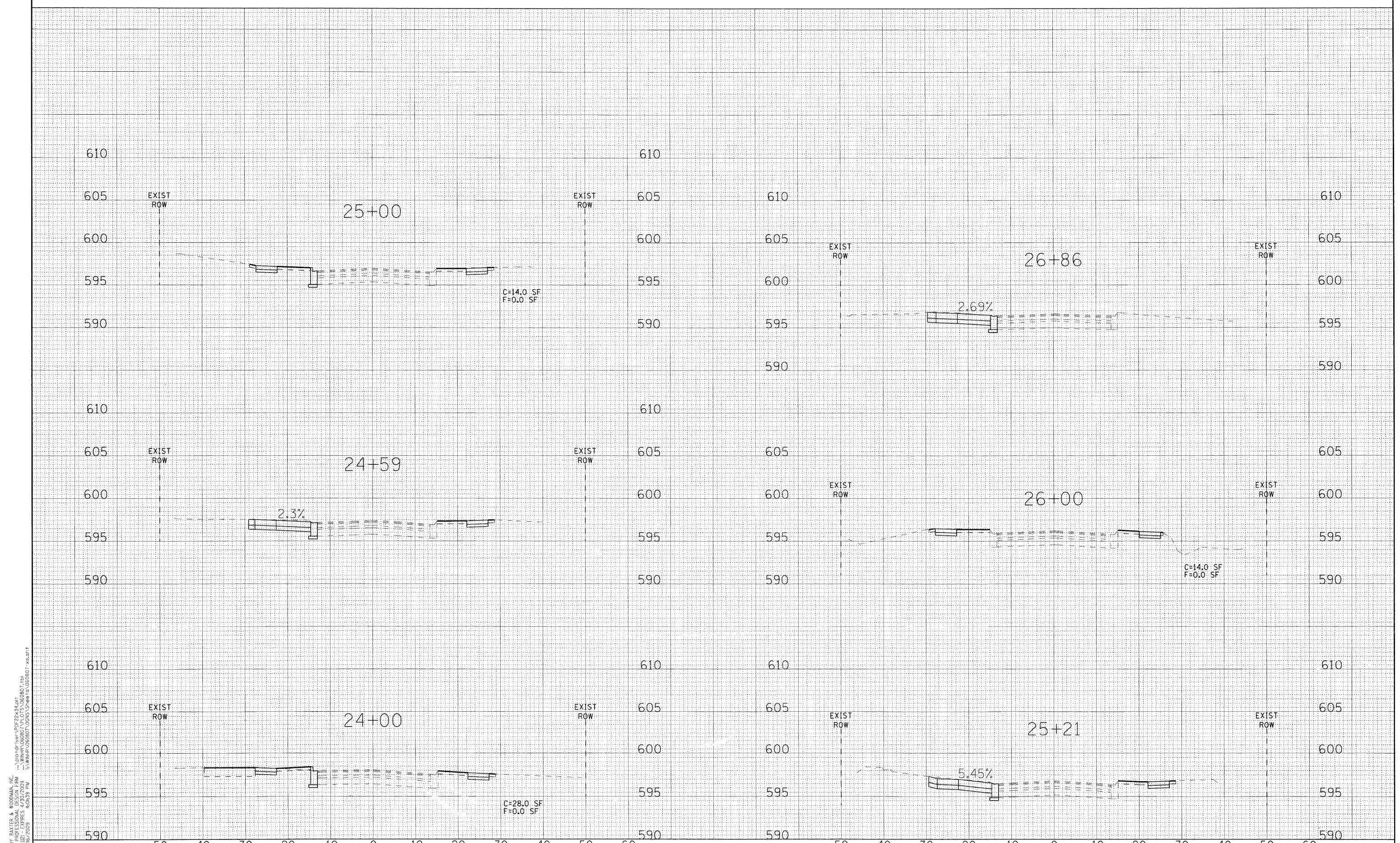
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**VILLAGE OF WINTHROP HARBOR, ILLINOIS**  
**ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7TH STREET**  
**STREETSCAPE IMPROVEMENTS**

**CROSS SECTIONS - 7TH STREET**  
 SCALE: 1" = 10' (HORIZ); 1" = 5' (VERT)  
 STA. 18+10 TO STA. 23+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C-91-197-10	06-00036-00-LS	LAKE	70	68
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 63167		
	ARA-0001810	F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)		





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DATE - 8/1/08	FILE - 060807-xs.sht

**VILLAGE OF WINTHROP HARBOR, ILLINOIS**  
**ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7TH STREET**  
**STREETSCAPE IMPROVEMENTS**

**CROSS SECTIONS - 7TH STREET**  
 SCALE: 1" = 10' (HORIZ); 1" = 5' (VERT)  
 STA. 24+00 TO STA. 26+86

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C-91-197-10	06-00036-00-LS	LAKE	70	69
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	CONTRACT NO. 63167	
		ARA-0001810		

• F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)



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 LICENSE NO. 06-00036-00-LS EXPIRES 4/30/2009  
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DESIGNED - MWP	REVISED - IDOT REVIEW 2/19/09
DRAWN - CJC	REVISED -
CHECKED - MDW	REVISED -
DATE - 8/1/08	FILE - 060807-xs.sht

**VILLAGE OF WINTHROP HARBOR, ILLINOIS**  
**ILLINOIS ROUTE 137 (SHERIDAN ROAD) AND 7TH STREET**  
**STREETSCAPE IMPROVEMENTS**

**CROSS SECTIONS - 7TH STREET**  
 SCALE: 1" = 10' (HORIZ); 1" = 5' (VERT)  
 STA. 27+00 TO STA. 27+46

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	06-00036-00-LS	LAKE	70	70
C-91-197-10		CONTRACT NO. 63167		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	ARA-0001810	
• F.A.P. 352 ILLINOIS ROUTE 137 (SHERIDAN ROAD)				

