

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	HES-X255(2)	1990	1	60

DESIGN DATA	
A.D.T. (1985)	20,930 V.P.D.
A.D.T. (2035) PROJECTED	25,400 V.P.D.
D.H.V. (2035)	4800 V.P.H.
DIRECTIONAL DISTRIBUTION	
TRUCKS 190 D.H.V. 3%	2000 A.D.T. 4%
DESIGN SPEED	30 M.P.H.
ACCESS CONTROL	NONE

INDIANA
DEPARTMENT OF HIGHWAYS

PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY

MA HES PROJECT NO. X255

- () P.E.
- () R/W
- (2) CONST.
- () UTIL.

THE WIDENING OF U.S. 50 (W. TIPTON ST.) FROM POPLAR ST. TO CONRAIL RAILROAD LOCATED IN JACKSON TWP., JACKSON COUNTY, SEYMOUR, IN. TOWNSHIP 6 NORTH, RANGE 6 EAST, SECTIONS 17 & 18.

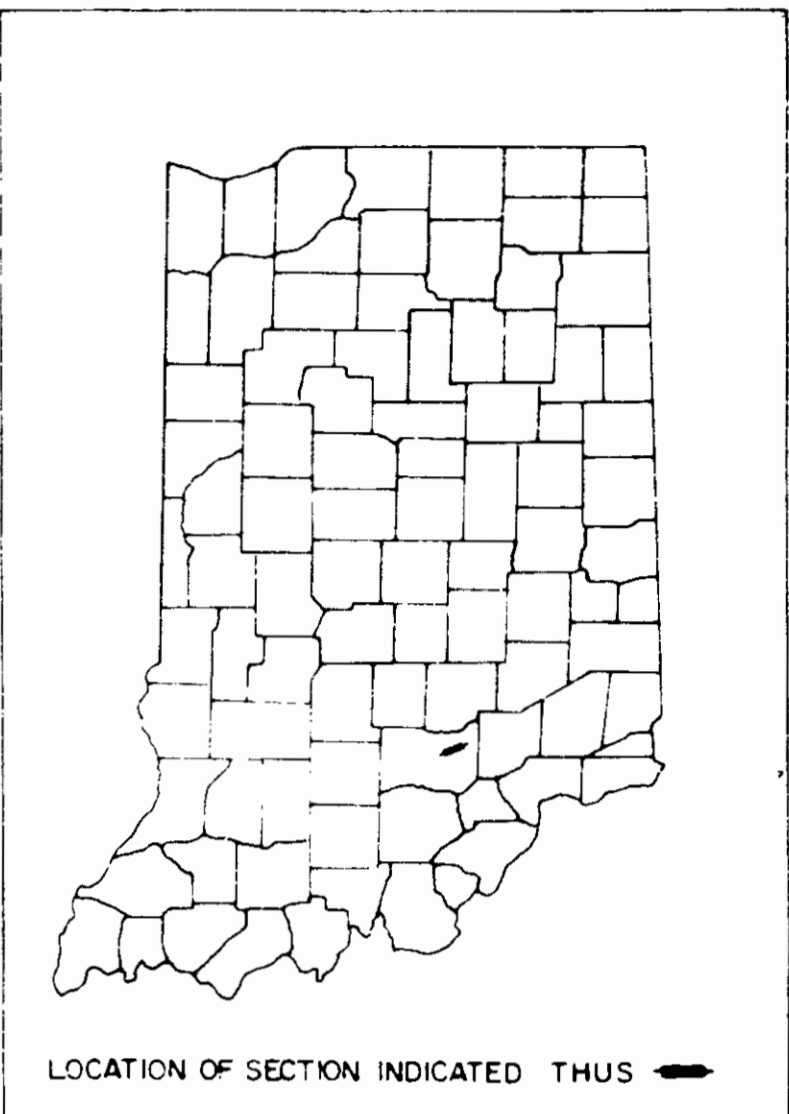
APPROVED _____
BOARD OF PUBLIC WORKS & SAFETY
CITY OF SEYMOUR

William W. Bailey, Mayor

Michael Jordan, Member

Donald Scott, Member

GROSS LENGTH:- 0.239 MI.
NET LENGTH:- 0.239 MI.
SCALES:-
PLAN { LONG:- 1"=20' PROFILE { HORIZ:- 1"=20'
 { TRANS:- 1"=20' { VERT:- 1"=5'
MAX. GRADE 2.3%



FOR PLACEMENT OF CONSTRUCTION SIGNS AND BARRICADES, SEE DETAIL SHEETS 5 & 6.

NOTE:
Whenever Project No. HES-X255(2) appears in these plans or Contract Document, it shall be interpreted as Project No. MA-HES-X255(2).

R 18294

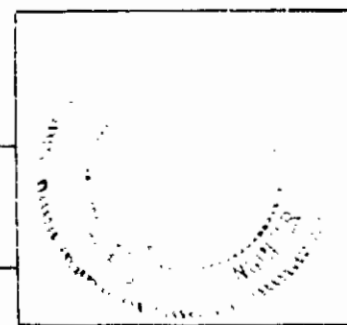
PLANS PREPARED BY

FIELD SURVEY:
TRACEY ENGINEERING & SURVEYING
SEYMOUR, IN.

DESIGN:
TRAFFIC ENGINEERING STUDIES, INC.
SEYMOUR, IN.

Delmar L. Kloeker, P.E.

Date



END HES-PROJECT-X255(2)
STA. 19+65 "PR"

BEGIN HES-PROJECT-X255(2)
STA. 7+02 "A"

SECTION LEADER _____

RECOMMENDED FOR APPROVAL 5/3/89
ROAD ENGINEER _____

RECOMMENDED FOR APPROVAL 5-17-89

DESIGN CONSULTANT SERVICE MANAGER _____

RECOMMENDED FOR APPROVAL 5-23-89

CHIEF, DIVISION OF DESIGN _____

APPROVED 5-25-89

FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

APPROVED _____

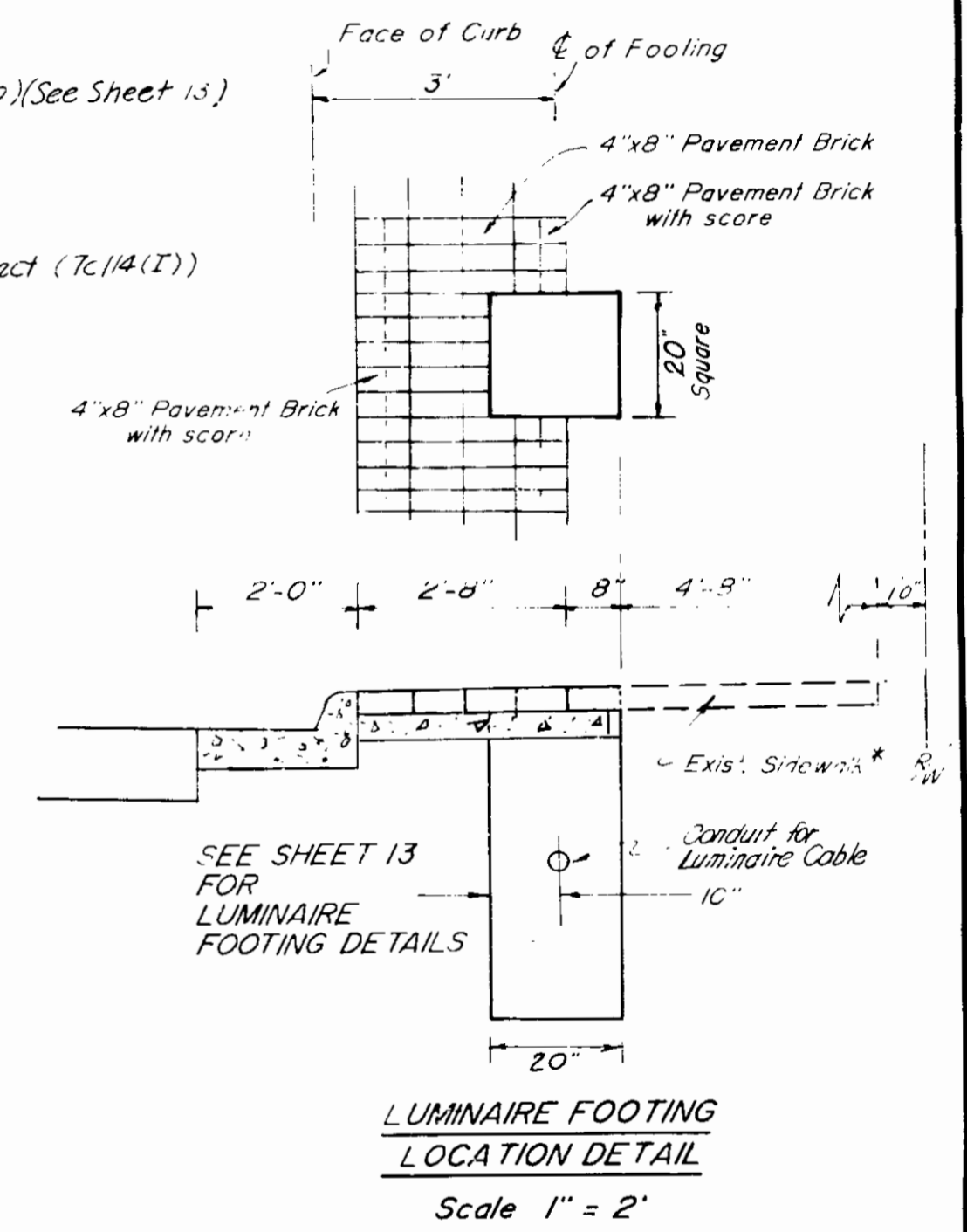
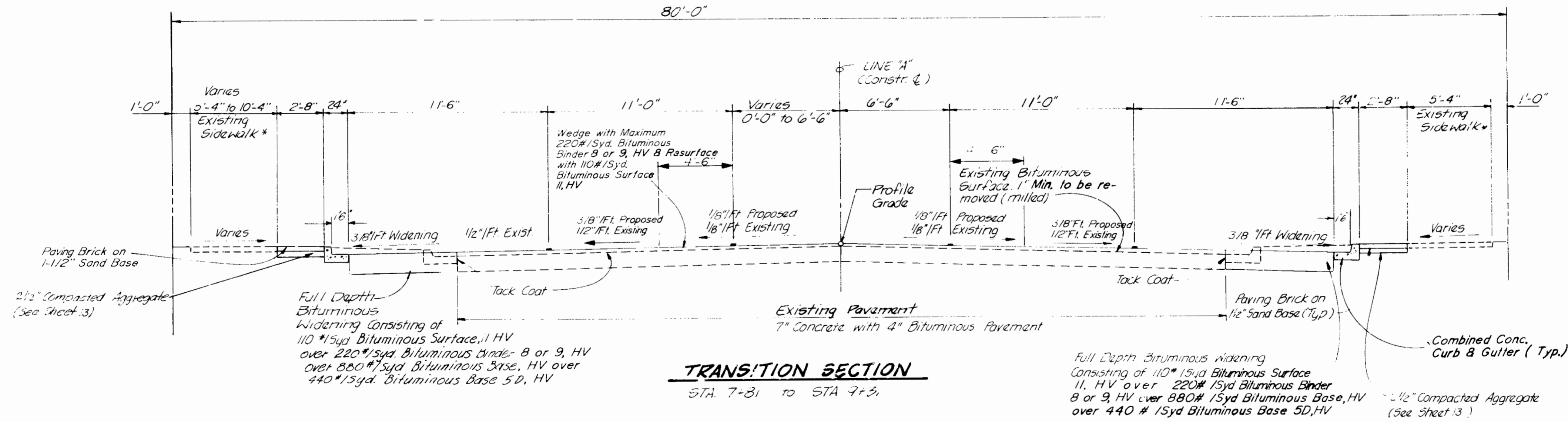
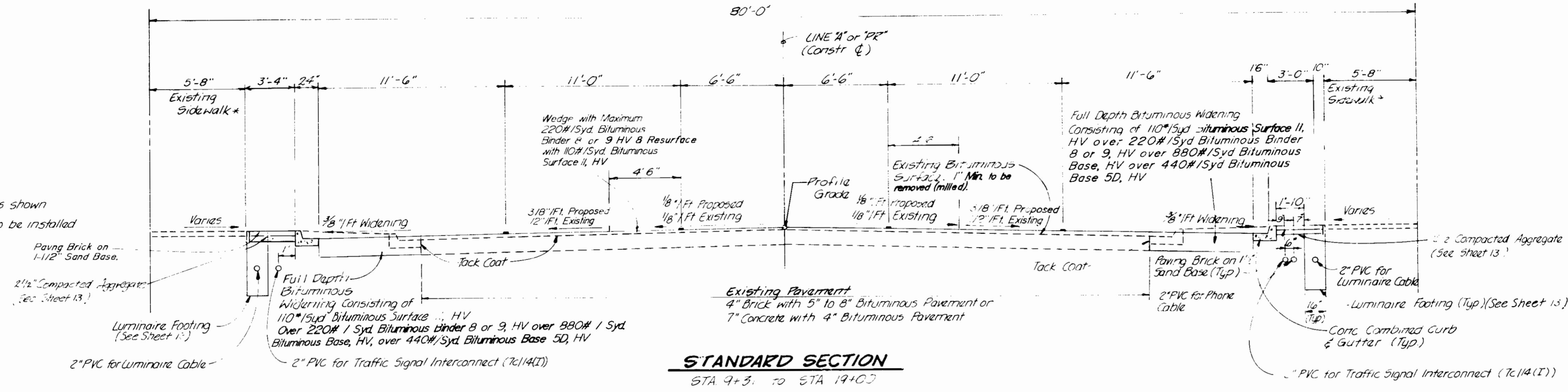
DIVISION ADMINISTRATOR _____ DATE _____

ROAD FILE:-

INDIANA DEPARTMENT OF HIGHWAYS
STANDARD SPECIFICATIONS DATED 1988
TO BE USED WITH THESE PLANS

FEDERAL ROAD DIVISION NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	465 X 25501		3	60

- NOTES:**
1. Cross Slope varies as shown. Widened area to have cross slopes as shown.
 2. Luminaire Cable and Phone Cable to be installed by others.
 3. See sheet 7 for Sanitary Sewer Force Main Installation.

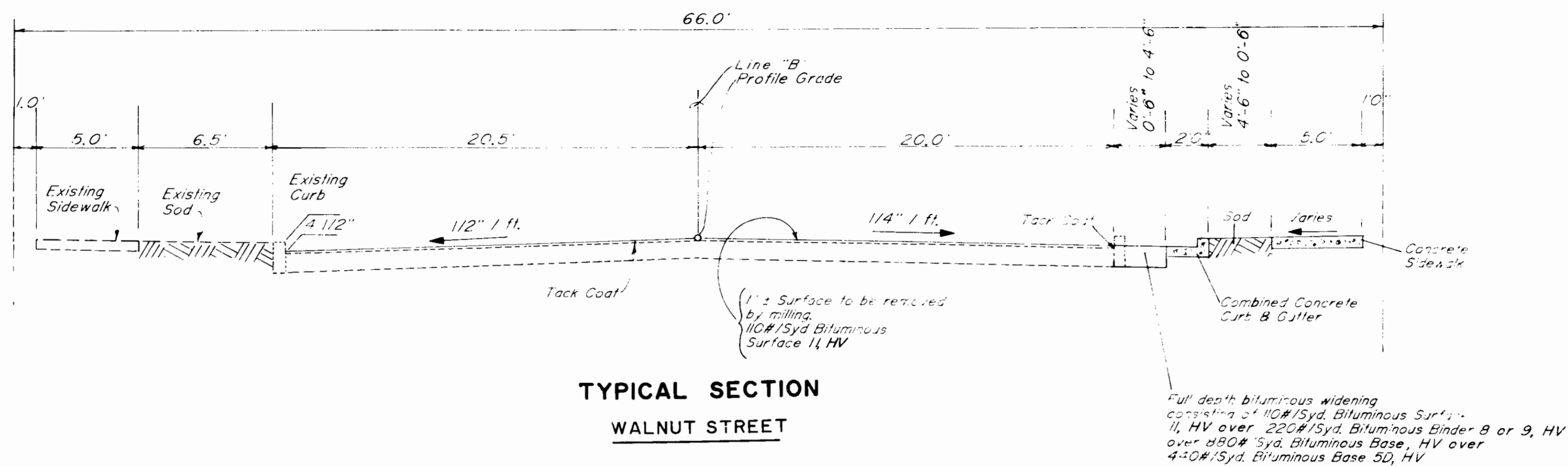


* Sidewalk to remain in place except as noted on plans.

INDIANA DEPARTMENT OF HIGHWAYS
TYPICAL CROSS SECTIONS
JACKSON COUNTY

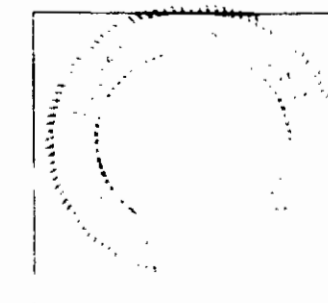
SCALE: 1/2" = 1'-0"

FEDERAL DIVISION	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	25 1255		4	60



INDIANA DEPARTMENT OF HIGHWAYS
TYPICAL CROSS SECTIONS

SCALE: 1/4" = 10'



CONSTRUCTION PHASING

- PHASE I**
- This phase shall include the widening on the south side of U.S. 50 (W. Tipton St.) for the entire length of the project and the widening on the east side of S.R. 11 (S. Walnut St.) One lane of traffic shall remain open at all times for Eastbound & Westbound traffic. Both approaches to the commercial establishment on the southeast corner of S.R. 11 (S. Walnut St.) shall not be closed at the same time.
 - The S.R. 11 (S. Walnut St.) approach shall have two lanes of traffic during the peak hours, one for northbound and one for southbound. A flagger shall be provided at all times traffic is restricted to one lane.
 - The East half of the S. Walnut St. approach shall be constructed prior to the West half.

Phase II - This Phase consists of installation of 12" Sanitary Sewer Force Main and widening on North Side of U.S. 50 (W. Tipton St.) for the entire length of the project. One lane of traffic shall remain open at all times for westbound & eastbound traffic. Access points for commercial establishments from Sta 8+00 to Sta 9+00 and from Sta 16+50 to 18+00 shall not be closed at the same time. The drive located at Sta 17+00 shall be completed out in this series of drives because of a contemplated change in the direction of traffic flow. Traffic shall be maintained on S. Walnut and S. Chestnut during construction of 12" Sanitary Sewer Force Main.

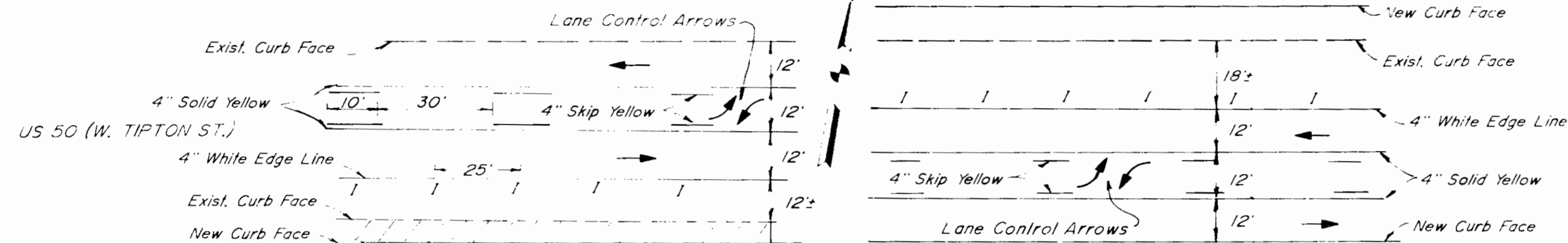
Phase III - The final surface and pavement markings shall be placed during this phase. All remaining sidewalk, sod, and other miscellaneous items not previously constructed shall be constructed in this phase.

ESTIMATE OF QUANTITIES

PHASE	TYPE II Barricades	4" SOLID YELLOW	4" SKIP YELLOW	4" SOLID WHITE	Lane Control Arrows
I	100	1000	250	1550	17
II	80	1000	250	1550	17
III	40	-	-	-	-

LEGEND

- Phase I Construction
- Phase II Construction
- Construction Sign E20-1
- Type II Sign E11-1
- Type II Barricades



NOTES

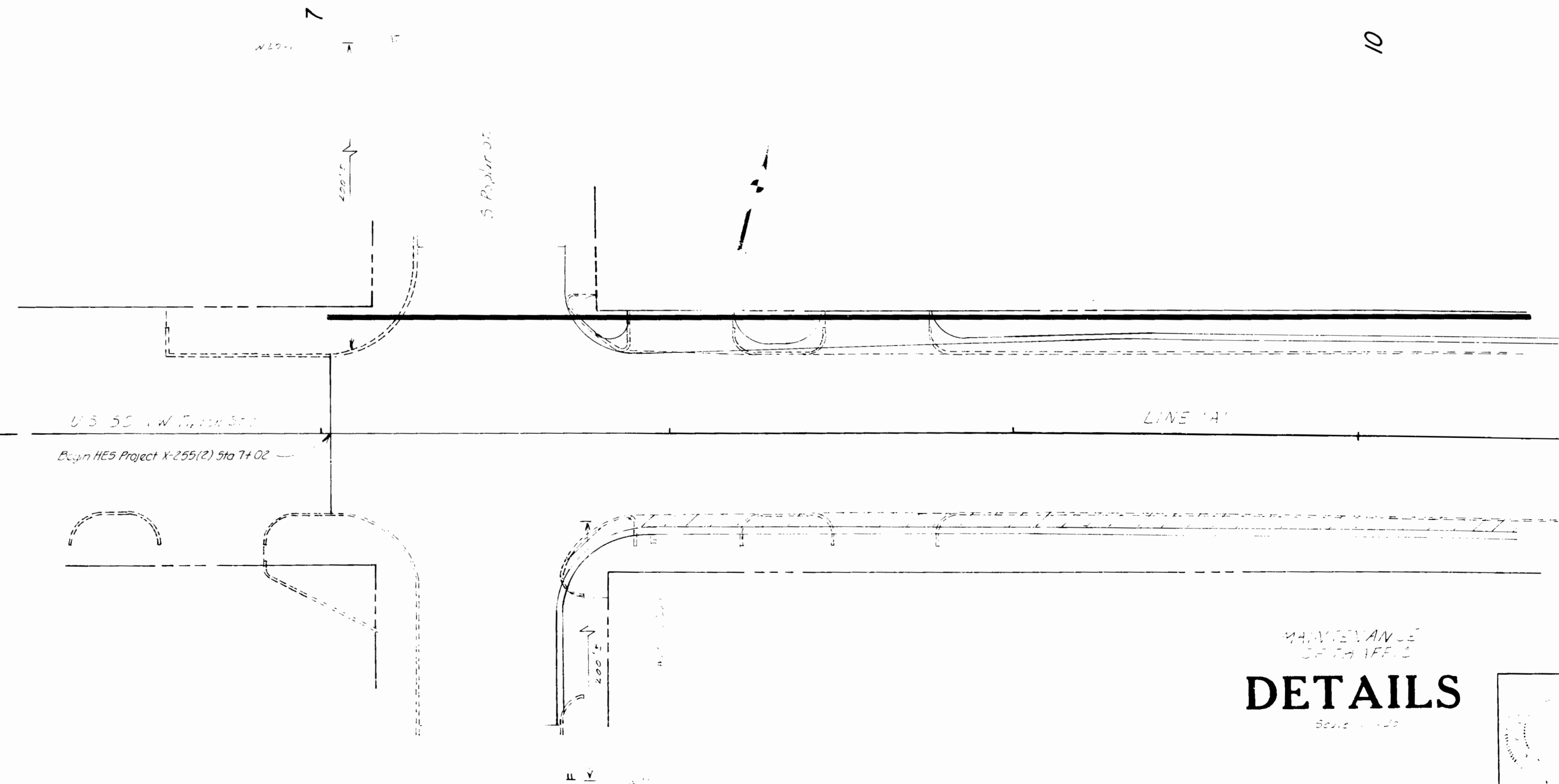
- Type II Barricades shall be placed on 25 foot centers, where needed.
- The electric utility will remove all existing luminaires.
- The placement of new luminaires on the south side of U.S. 50 shall be coordinated with the utility and accomplished prior to the removal of the existing luminaires on the north side of U.S. 50.
- Flashing Arrow Board shall be provided for periods of construction when flow of traffic is required to transition from one lane to another lane.
- Temporary markings in Phase I shall be temporary tape. Markings in Phase II may be temporary paint if milling operation is to follow completion of widening.
- Temporary Lane Control Arrows shall be placed at the direction of the Engineer.

TEMPORARY PAVEMENT MARKING

DETAIL Phase I

TEMPORARY PAVEMENT MARKING

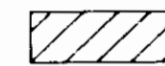
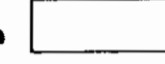

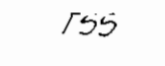
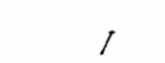

DETAIL Phase II

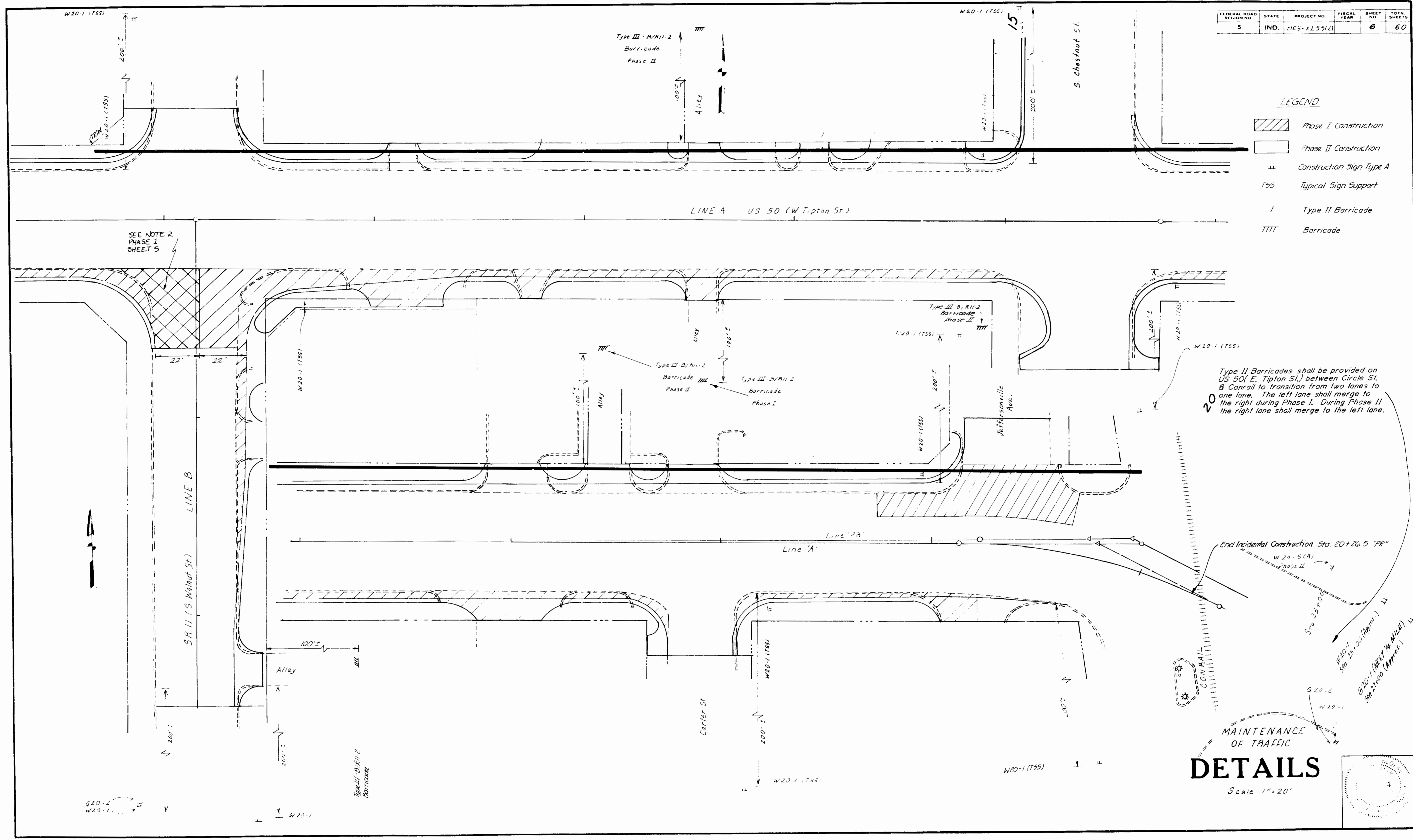


MAINTENANCE OF TRAFFIC
DETAILS
 Scale: 1" = 40'

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	HES-X255(2)		6	60

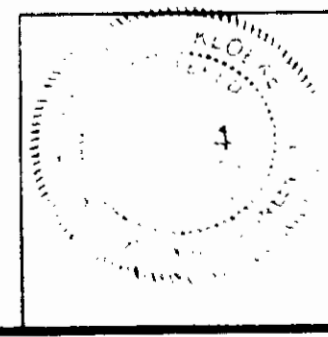
LEGEND

-  Phase I Construction
-  Phase II Construction
-  Construction Sign Type A
-  Typical Sign Support
-  Type II Barricade
-  Barricade



DETAILS

Scale 1"=20'

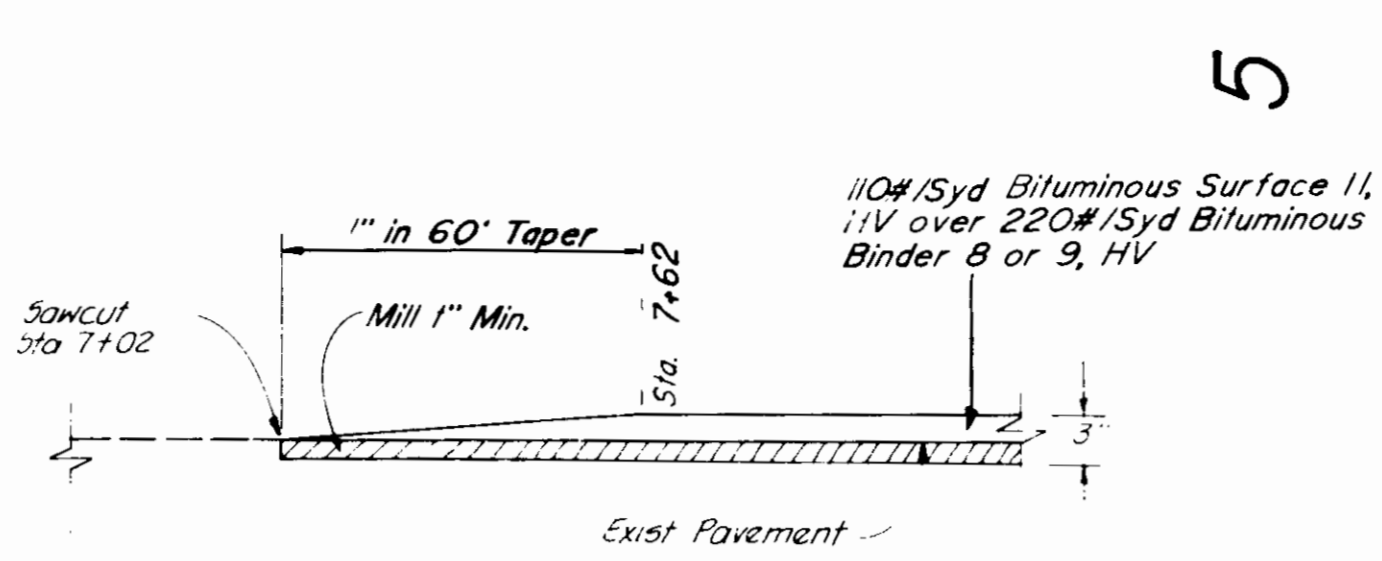
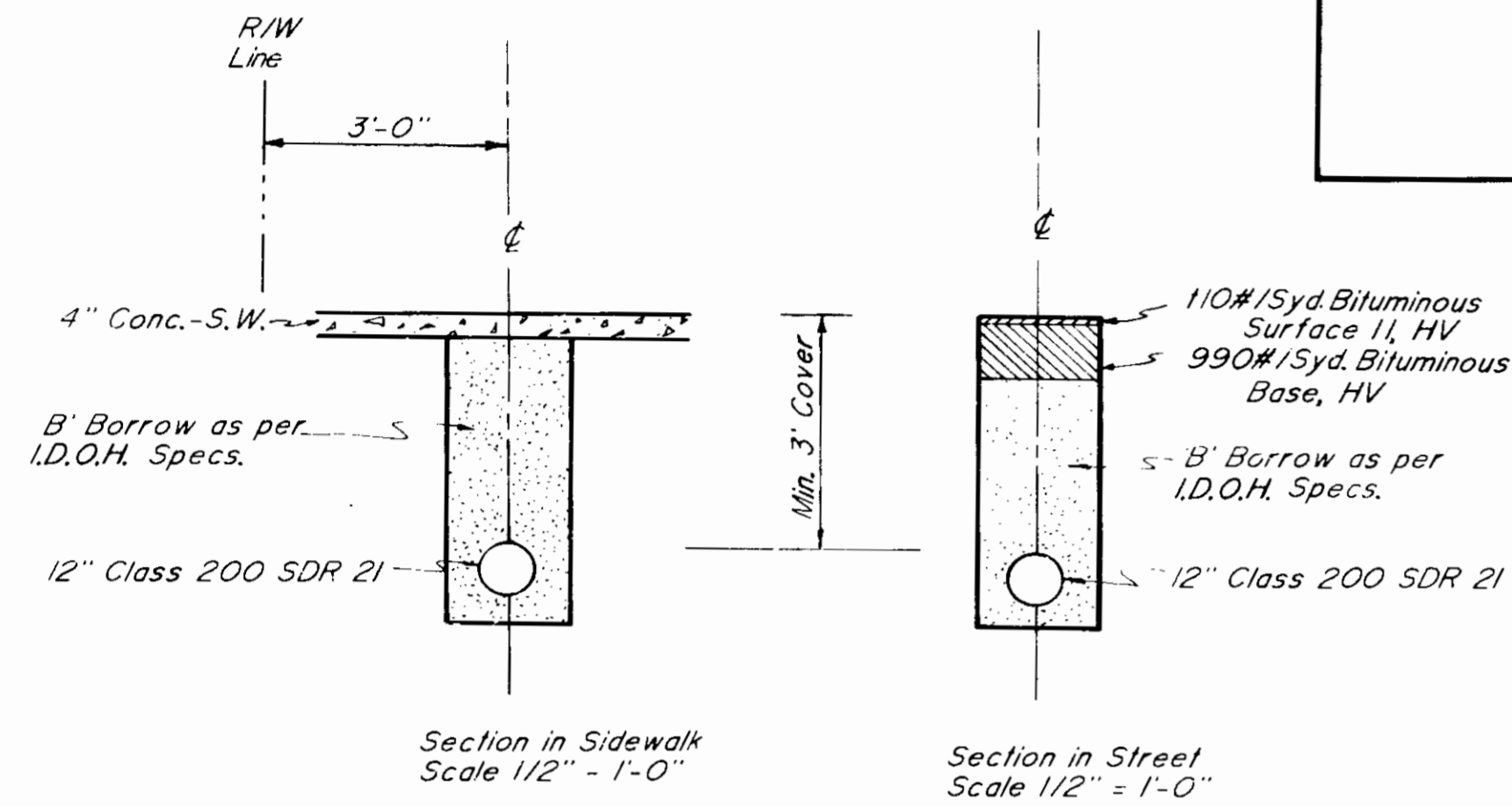


SEE NOTE 2
PHASE I
SHEET 5



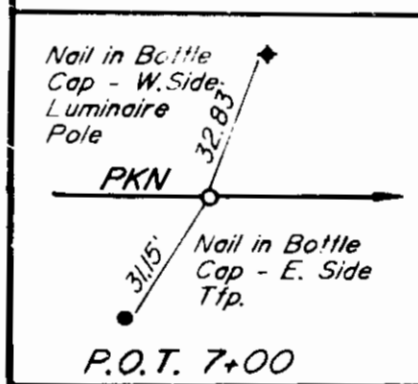
6/85
1/85
P.O. 1185

6/85
1/85
P.O. 1185

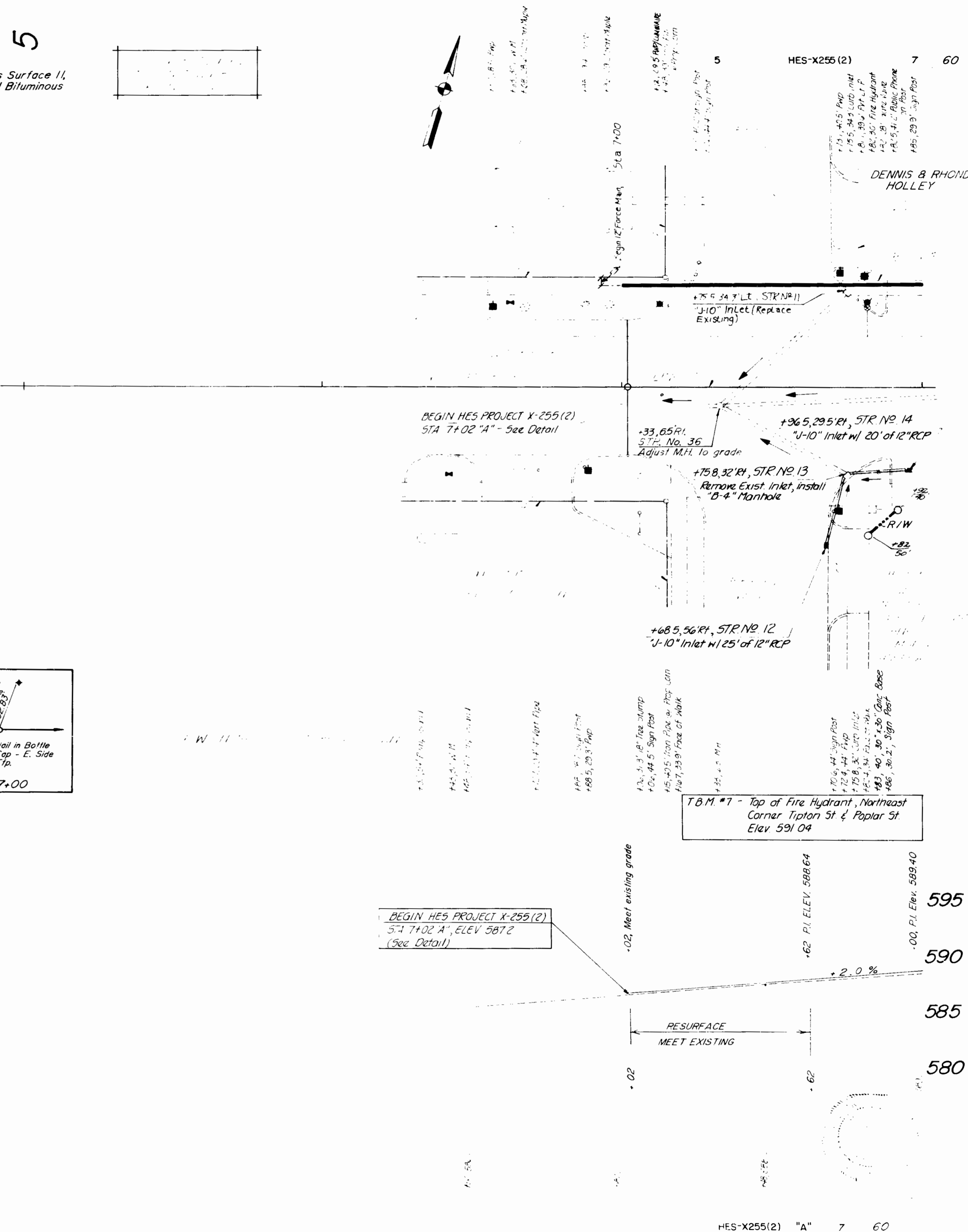


Quantities
Furnish and Install 1300 L.F. of 12" Class 200 SDR 21 Force Main.

- Special Provisions**
- 1.) Contractor to repair or replace damaged lines in conjunction with installation.
 - 2.) Compaction in trench to meet IDOH Specifications Section 211.
 - 3.) The cost of installation of the sanitary sewer force main shall include the following:
Excavation, furnishing & installing pipe & placing backfill (B-Borrow) for the entire length of the project. In addition the base & binder in the street & alley crossings shall be replaced. Also the sidewalk & curb in the northwest corner of W. Tipton St. & S. Poplar St. intersection shall be replaced. This corner shall include a Type B' Sidewalk Ramp.
 - 4.) Contractor to pressure test (or equivalent) upon completion of construction. The pressure test shall be approved by the Director of Public Works, City of Seymour.
 - 5.) The ends of the pipe to be capped or plugged for future extension.
 - 6.) Fittings and installation shall meet ASTM D-2241.



SANITARY SEWER FORCE MAIN INSTALLATION

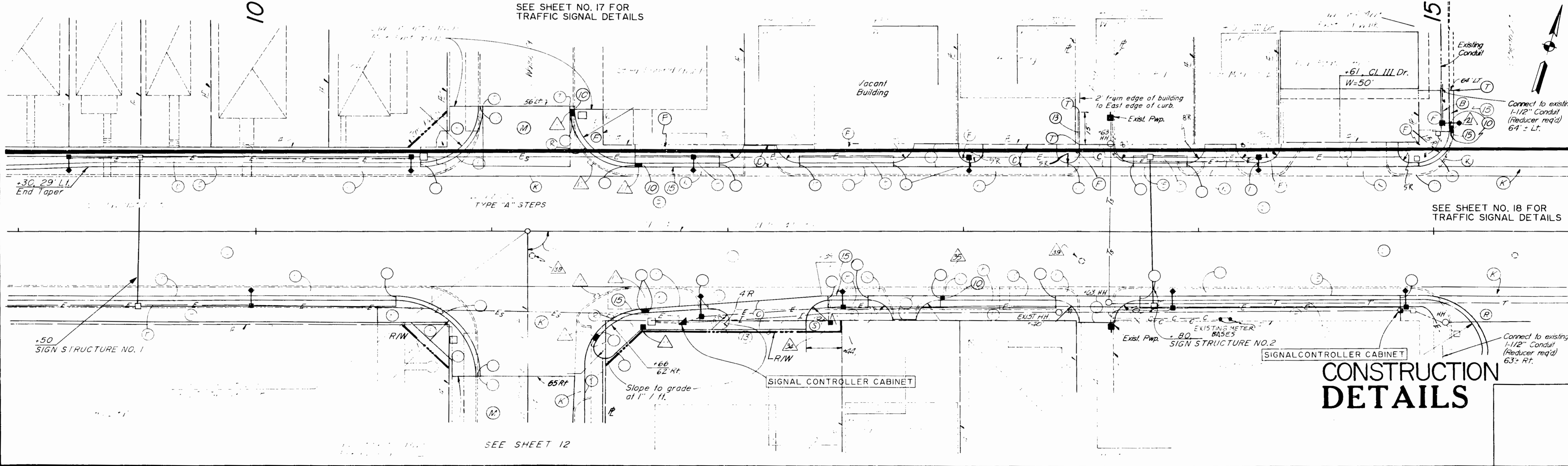
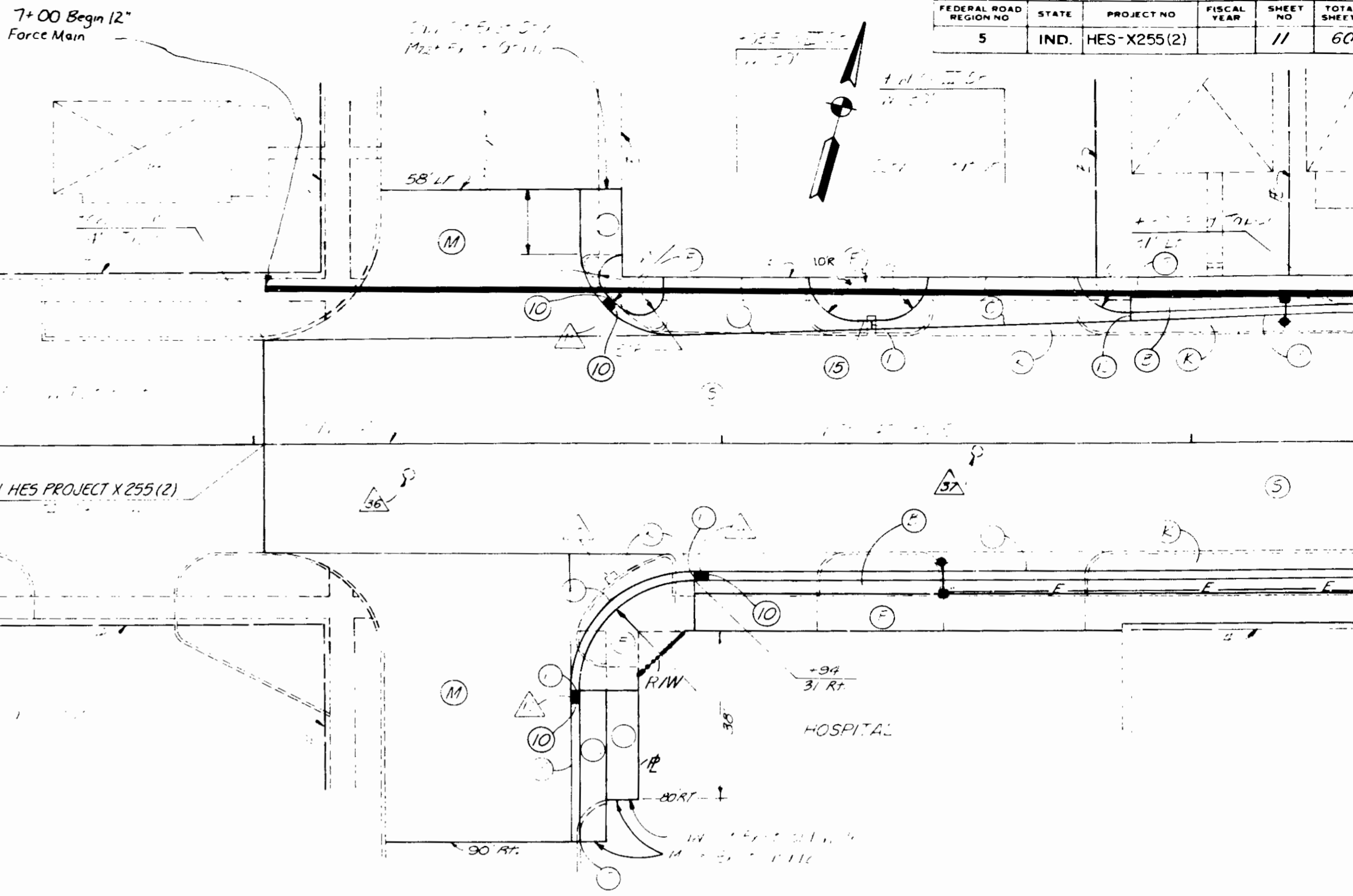
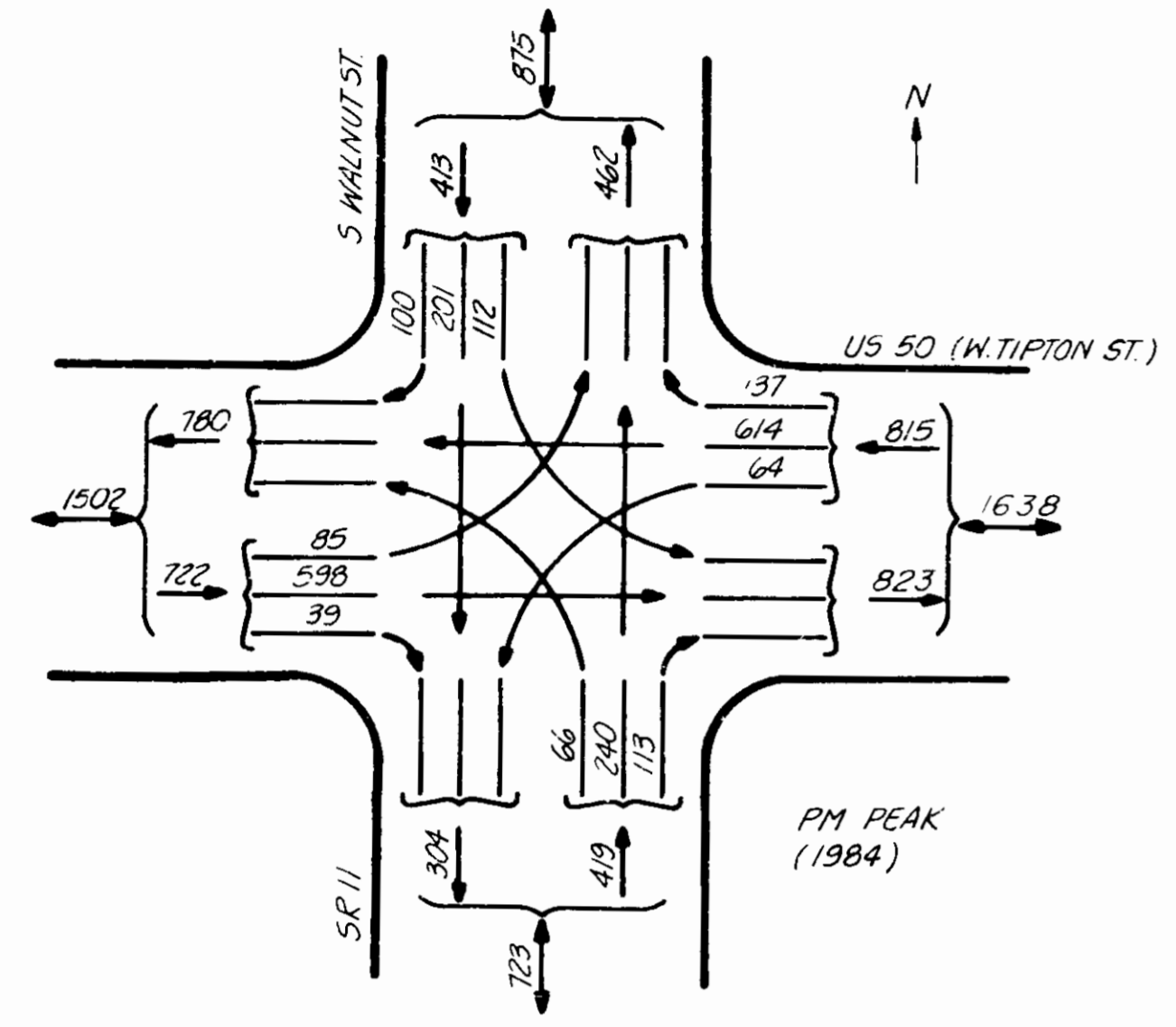


FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	HES-X255(2)		11	60

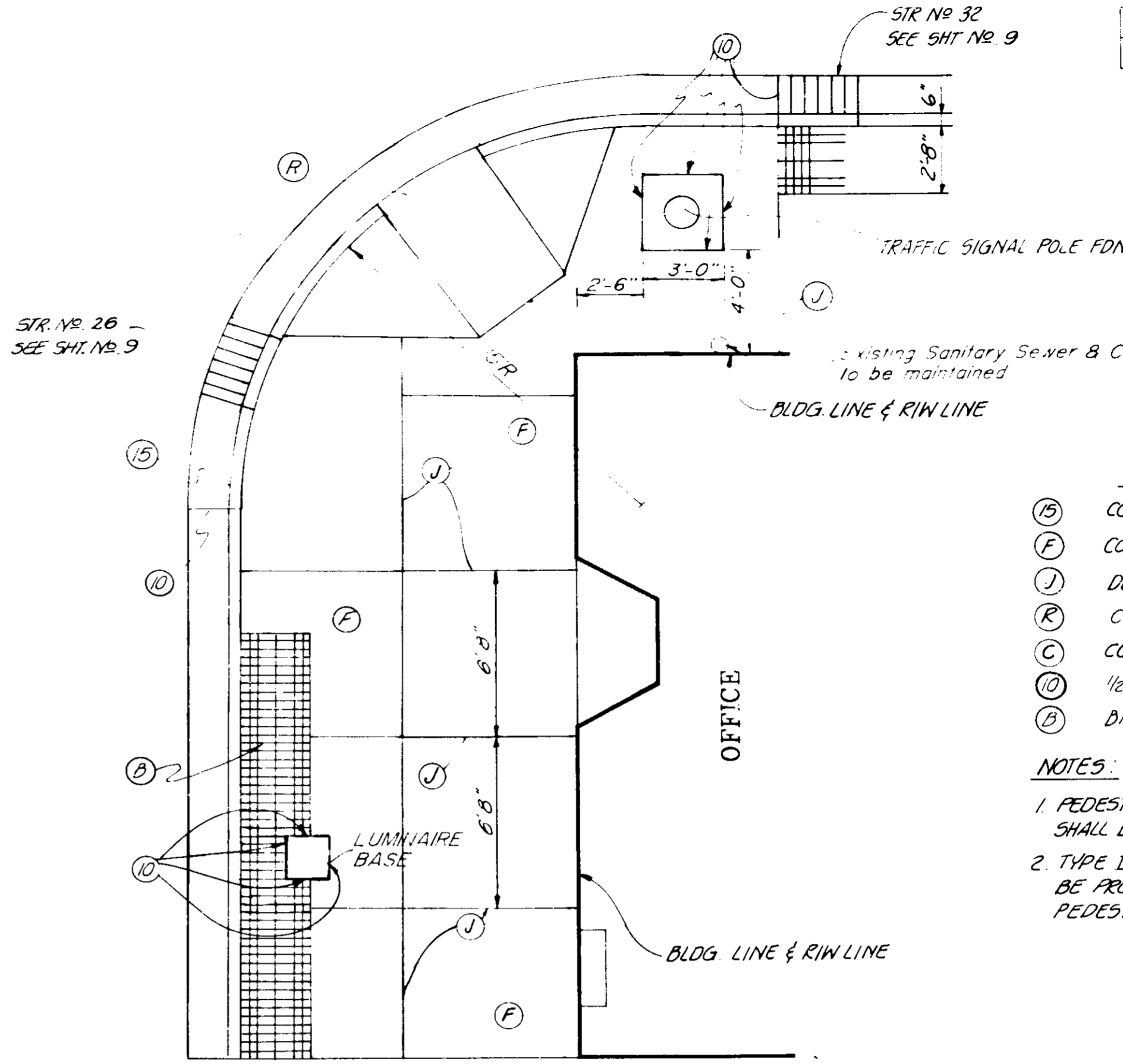
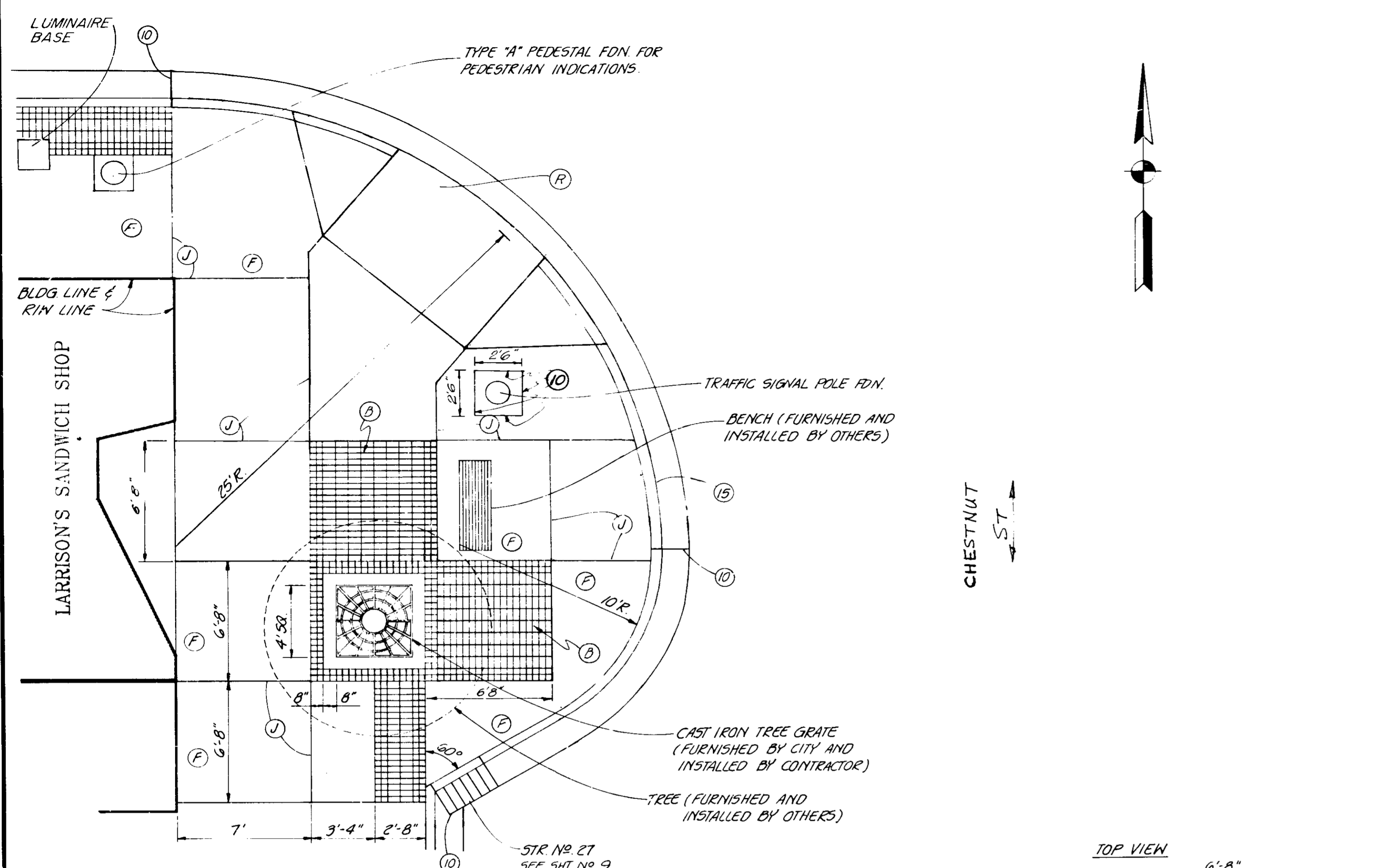
LEGEND

- TRAFFIC SIGN STRUCTURE FDN.
- ⓕ CONCRETE SIDEWALK 4"
- ⓑ BRICK SIDEWALK
- Ⓒ CEMENT CONCRETE PAVEMENT FOR DRIVEWAYS (6")
- Ⓡ CURB RAMP, TYPE B
- Ⓣ 1/2" PREFORMED JOINT FILLER
- ⓑ CONCRETE CURB
- ⓓ COMBINED CONCRETE CURB & GUTTER
- Ⓜ SOD (NURSERY)
- Ⓚ SIGNAL CONTROLLER CABINET
- Ⓛ 110# /SYD BITUMINOUS SURF. 11, HV. OVER 200# /SYD BITUMINOUS BINDER, HV OVER 880# /SYD BITUMINOUS BASE, HV OVER 440# /SYD BITUMINOUS BASE 5-D, HV
- Ⓢ 110# /SYD BITUMINOUS SURFACE, 11, HV OVER 220# /SYD BITUMINOUS BINDER, HV
- C CONDUIT, PVC, 3"
- I 2" PVC FOR TRAFFIC SIGNAL INTERCONNECT (76/114)
- T 2" PVC FOR TELEPHONE CABLE (SEE NOTE 6 BELOW)
- E 2" PVC FOR LUMINAIRE CABLE (SEE NOTE 6 BELOW)
- L LUMINAIRE BASE (SEE SHEET NO. 13)
- X EXISTING TRAFFIC SIGNAL INTERCONNECT CONDUIT

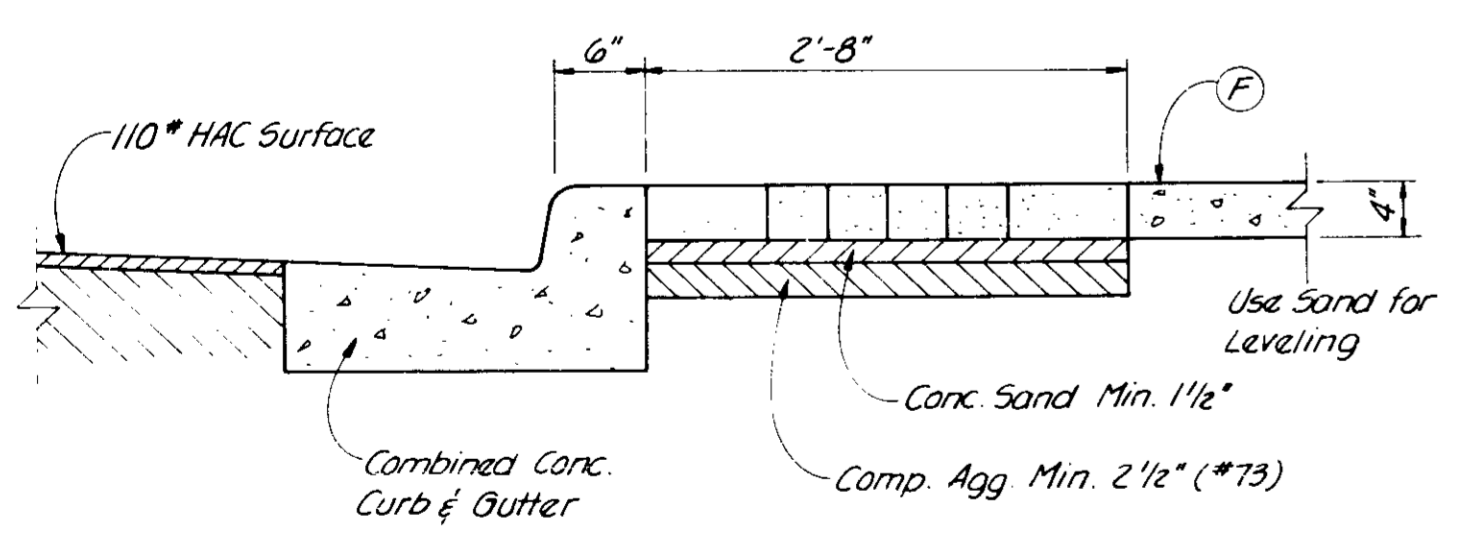
- NOTES:
1. TAPER CURB VERTICALLY 1" / FT. TO MEET EXISTING GRADE OR CURB AT LOCATIONS NOTED (T).
 2. SEE SHEETS NO. 13 & 14 FOR DETAILS OF BRICK SIDEWALKS AT INTERSECTION-S CHESTNUT ST.
 3. PLACEMENT OF ELECTRIC CABLE FOR LUMINAIRES AND TELEPHONE CABLE BY OTHERS.
 4. PAVEMENT SHOWN WITH (M) TO HAVE 1" MIN. SURFACE REMOVED BY MILLING AND 110# / SYD BITUMINOUS SURFACE 11, HV PLACED.
 5. △ DEMOTES STRUCTURE NO. (See Plan & Profile Sheets)
 6. 2" CONDUIT UNDER S. WALNUT ST., S. CHESTNUT ST., CARTER ST. AND A CROSS US 50 AT ALLEY BETWEEN S. WALNUT AND S. CHESTNUT SHALL BE 2" STEEL GALVANIZED CONDUIT (NOTED AS E_c OR T_s). THIS CONDUIT SHALL BE INSTALLED IN 10' LENGTHS.
 7. HANDHOLES AT STATIONS 13+63 (RT. & LT.) & 17+44 RT. FOR TELEPHONE UTILITY.



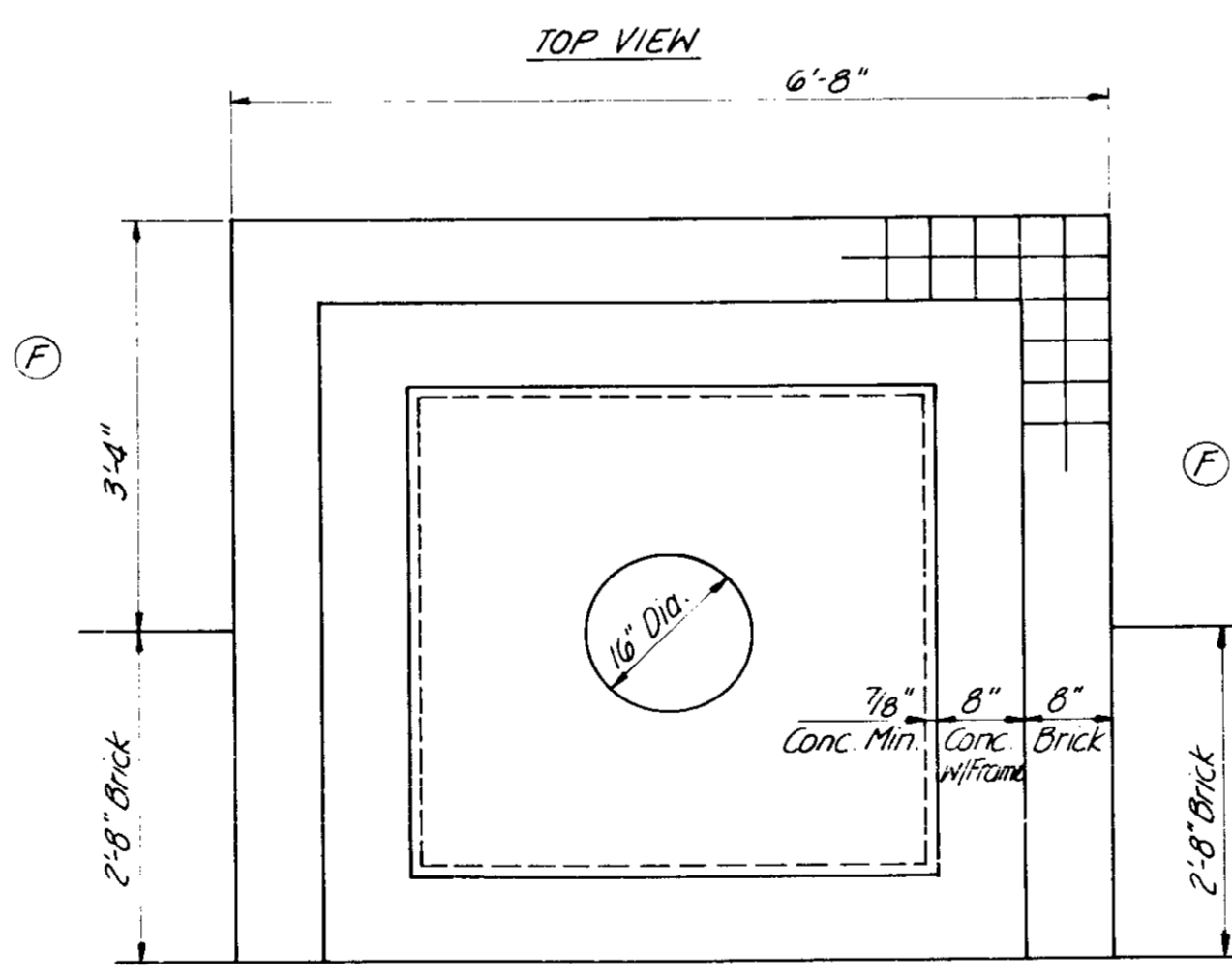
CONSTRUCTION DETAILS



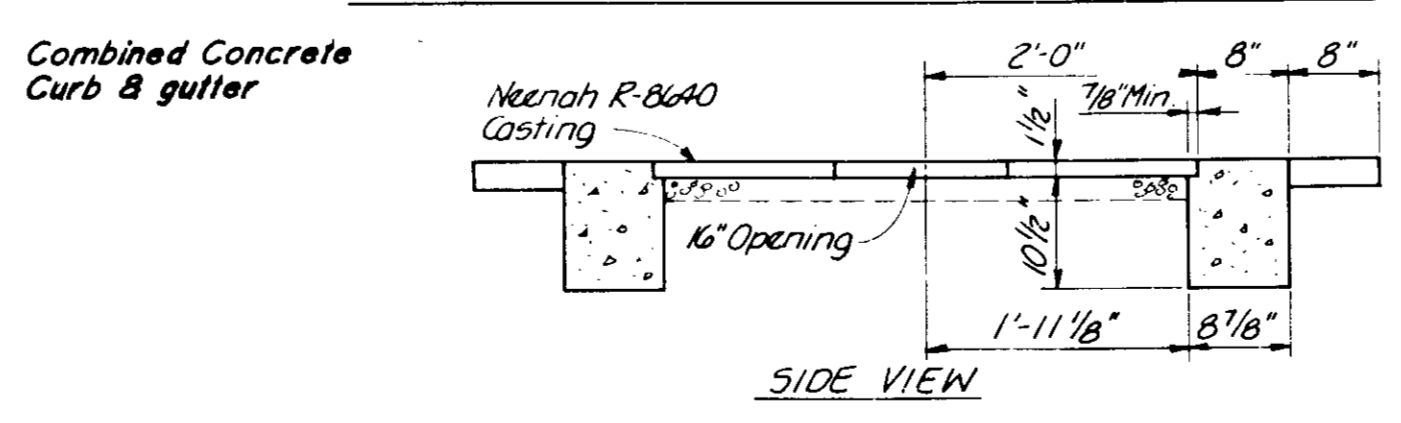
- LEGEND**
- (B) COMBINED CONC. CURB AND GUTTER
 - (F) CONCRETE SIDEWALK, 4"
 - (J) DUMMY OR SAWED JOINT
 - (R) CURB RAMP, TYPE B
 - (C) COMMERCIAL DRIVE PAVEMENT (CONCRETE)
 - (D) 1/2" PREFORMED JOINT FILLER
 - (E) BRICK SIDEWALK
- NOTES:**
1. PEDESTRIAN ACCESS TO COMMERCIAL ESTABLISHMENTS SHALL BE MAINTAINED AT ALL TIMES.
 2. TYPE II BARRICADES AND SAFETY FENCE SHALL BE PROVIDED IN ADEQUATE QUANTITIES FOR PEDESTRIAN SAFETY.



BRICK PLACEMENT DETAIL
SCALE: 1" = 1'-0"



TOP VIEW



TREE CURB DETAIL
SCALE: 3/4" = 1'-0"

LOCATION OF LUMINAIRE FOUNDATIONS

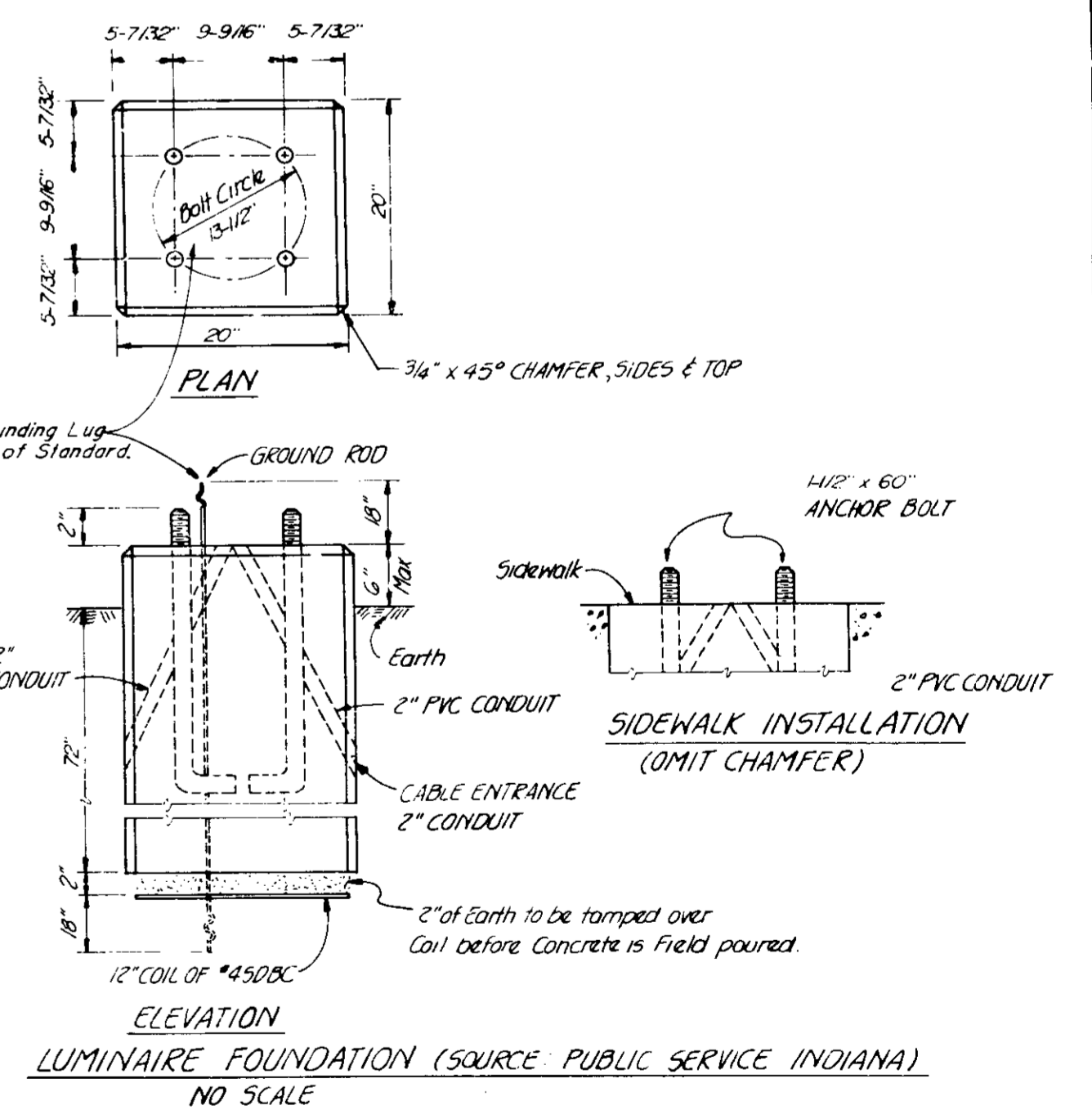
STATION	NO. OF CONDUITS (IN FOUNDATIONS)
10+66 LT.	1
11+86 LT.	1
11+89 RT.	1
12+49 RT.	1
13+03 LT.	1
13+90 RT.	1
14+26 LT.	1
14+62 RT.	1
15+04 LT.	1
15+64 RT.	1
15+88 LT.	1
16+09 RT.	1
16+77 LT.	1
17+31 RT.	1
18+16 LT.	1
18+70 RT.	1
18+93 LT.	1
19+76 LT.	1
9+4 RT.	1
9+2 RT.	1
1+36 RT.	1

NOTES (STREET LIGHTING)

- 1 - The contractor shall remove the existing concrete bases for the street lighting fixtures to at least 12" below the proposed subgrade. The utility will remove the poles, luminaires and wiring.
- 2 - The contractor shall place the new luminaire foundation and the conduit for the new street lights. The contractor shall provide the 2" PVC to the base of the wood pole service points. An ELBO (90°) shall be placed at the service points. The utility will place the riser, cable, ETC.
- 3 - Use IDOH specifications for concrete (Section 702). Do not cast foundation without receiving template from the utility. Dome top surface of foundation slightly to facilitate water run off.
- 4 - A precast foundation is acceptable.
- 5 - The contractor shall place two 3" PVC Conduits from the power pole at Sta 13+62 Rt to two meter bases along the South side of U.S. 50 (Line A).

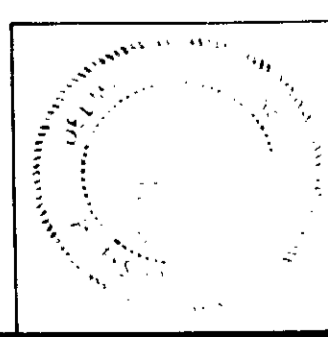
STREET LIGHTING SERVICE POINTS

13+62 LT.
13+62 RT.
17+36 LT.
17+49 RT.



ELEVATION
LUMINAIRE FOUNDATION (SOURCE: PUBLIC SERVICE INDIANA)
NO SCALE

DETAILS
SCALE: 1" = 4', EXCEPT WHERE NOTED



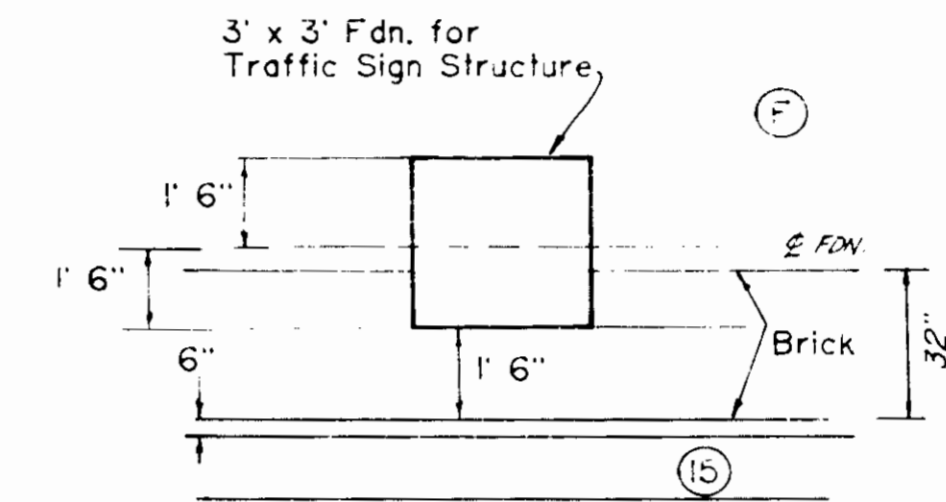
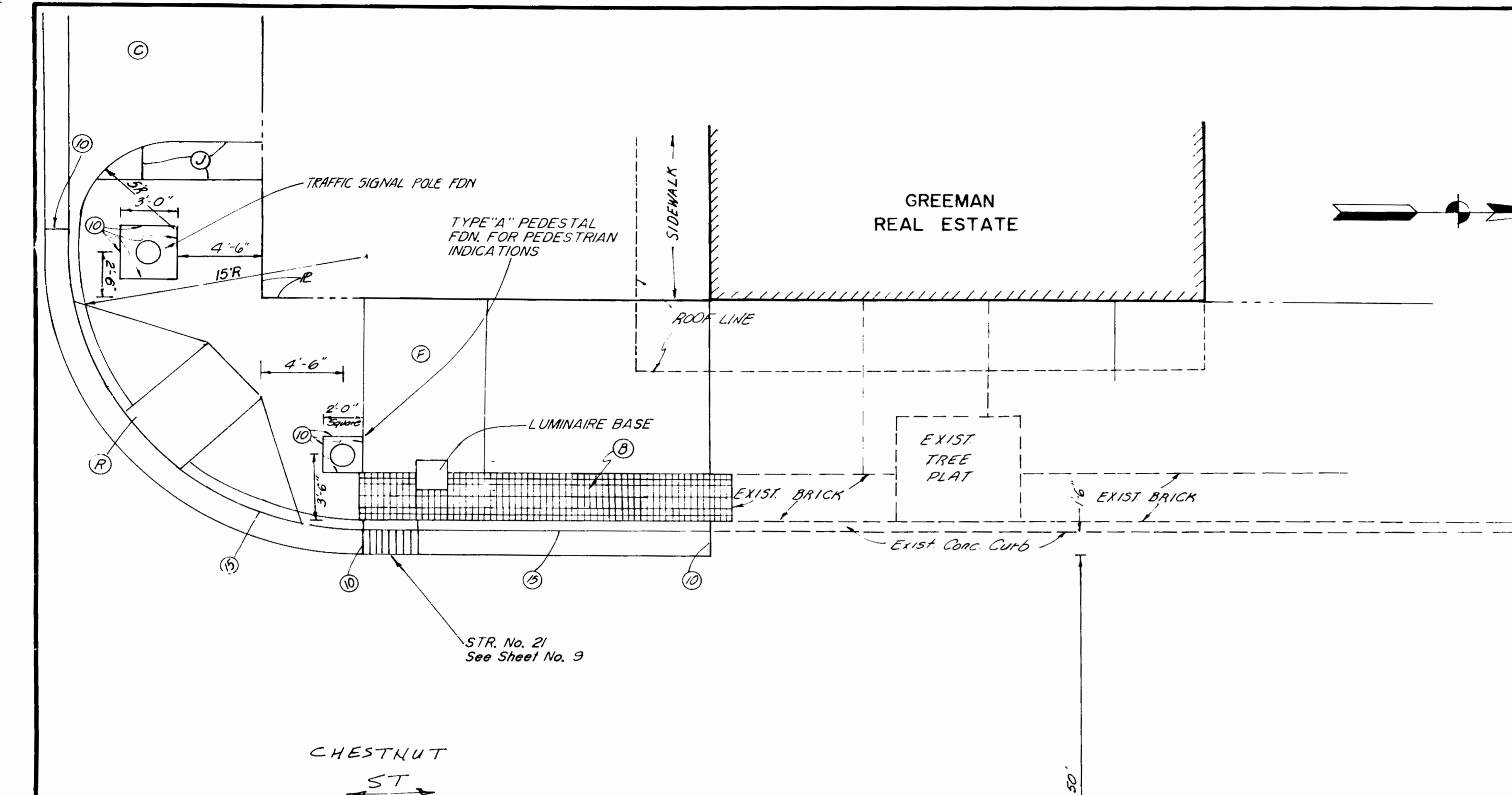
FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND	HES-X255(2)		14	60

LEGEND

- (15) COMBINED CONC CURB AND GUTTER
- (F) CONCRETE SIDEWALK, 4"
- (J) DUMMY OR SAWED JOINT
- (K) CURB RAMP, TYPE B
- (10) 1/2" PREFORMED JOINT FILLER
- LUMINAIRE FOUNDATION
- (B) BRICK SIDEWALK

NOTES

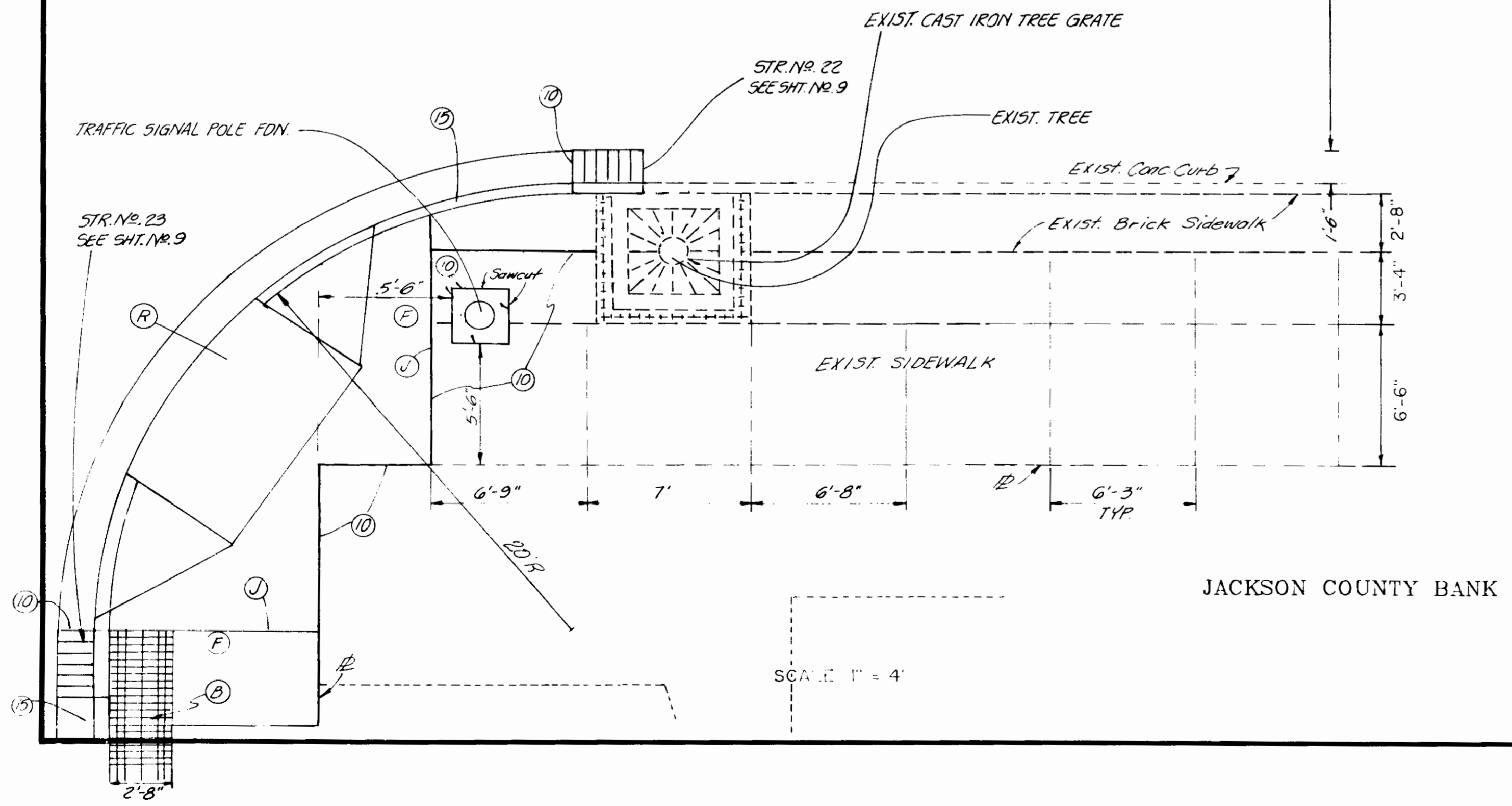
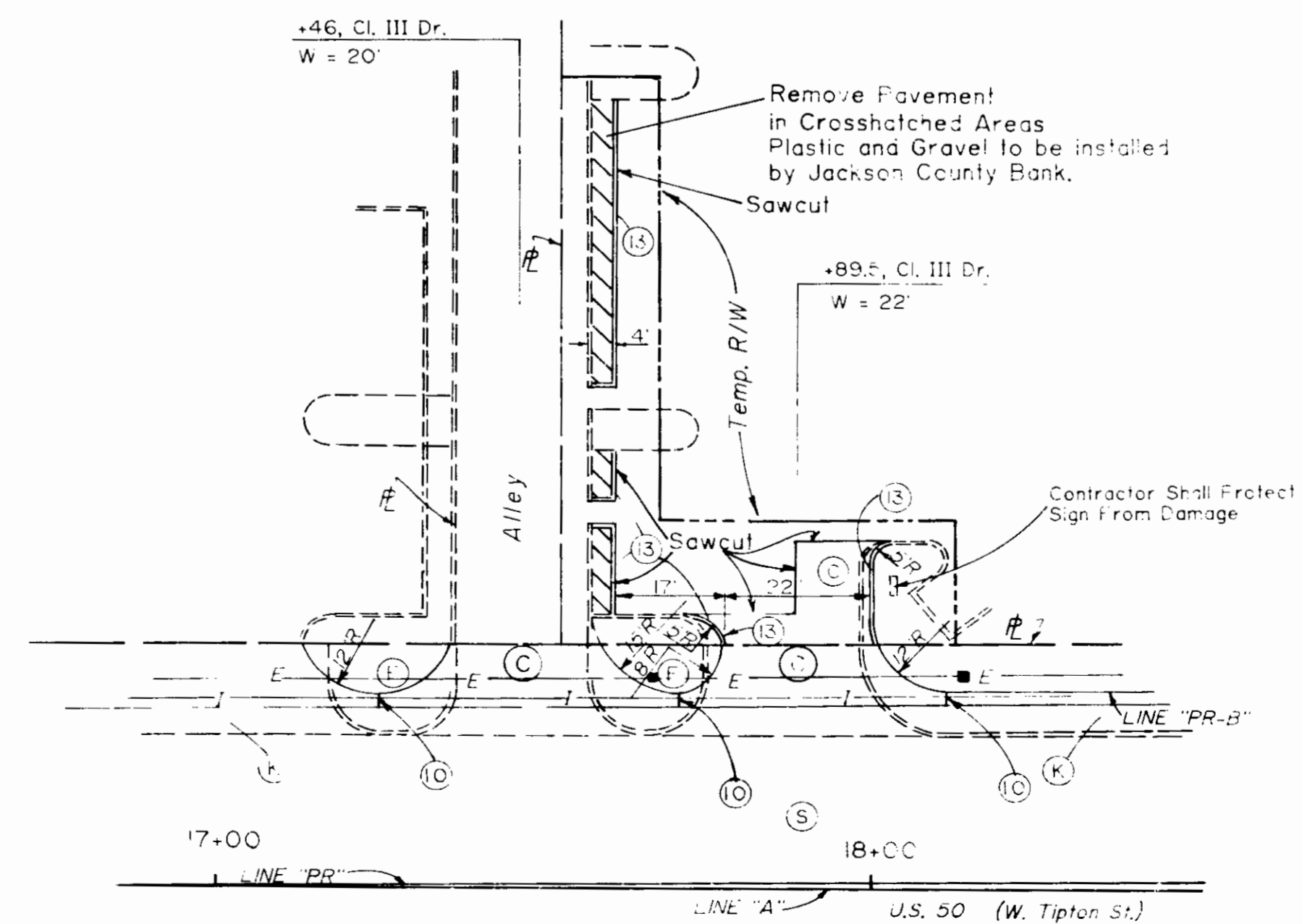
1. PEDESTRIAN ACCESS TO COMMERCIAL ESTABLISHMENTS SHALL BE MAINTAINED AT ALL TIMES.
2. TYPE II BARRICADES AND SAFETY FENCE SHALL BE PROVIDED IN ADEQUATE QUANTITIES FOR PEDESTRIAN SAFETY.
3. PAVEMENT SHOWN WITH (M) TO HAVE 1" SURFACE REMOVED BY MILLING AND TOP 1/2" BITUMINOUS SURFACE 1/4" HV.



DETAIL
TRAFFIC SIGN STRUCTURE
See Sheets 20
SCALE 1"=3'

DETAILS Of Class III Drives

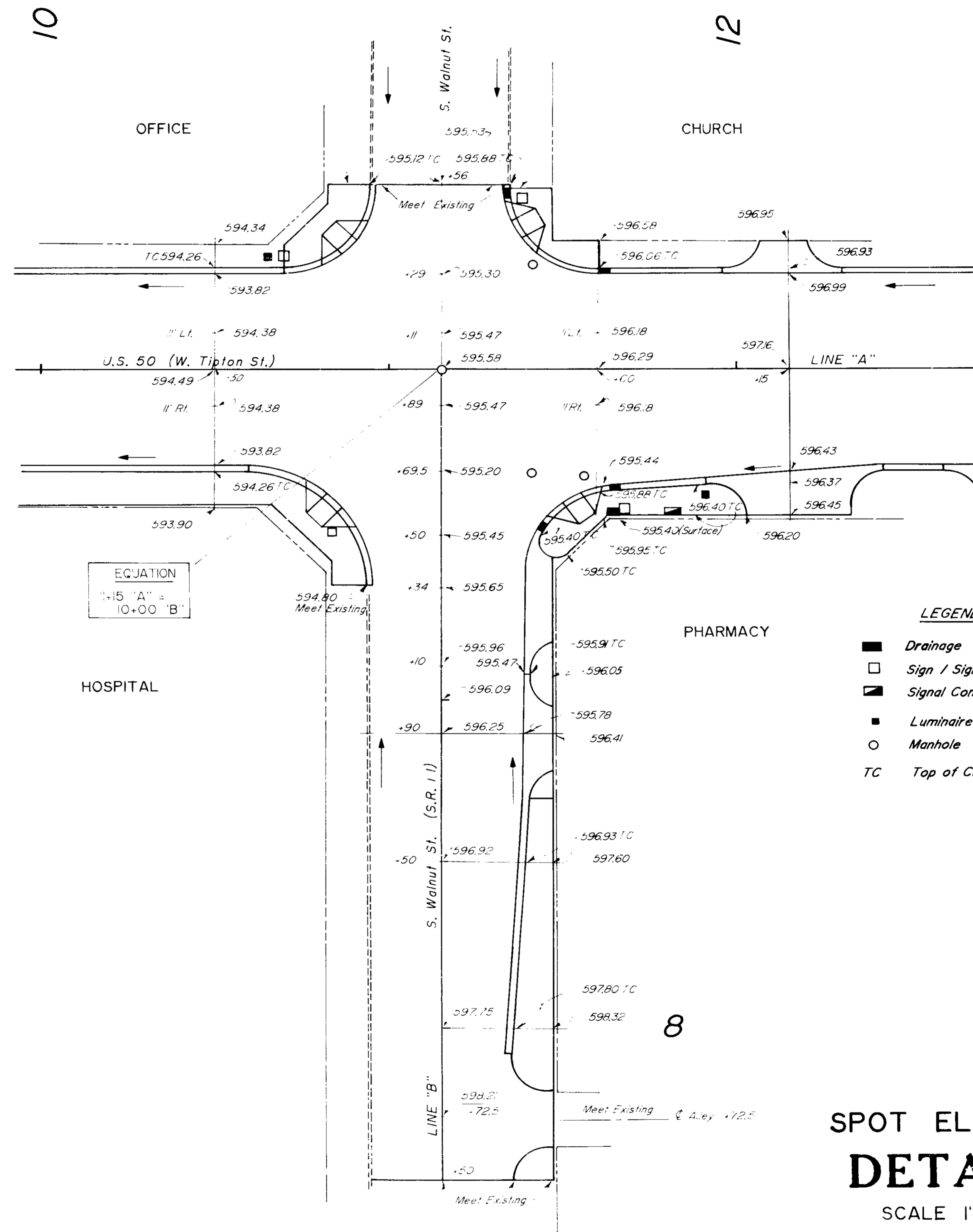
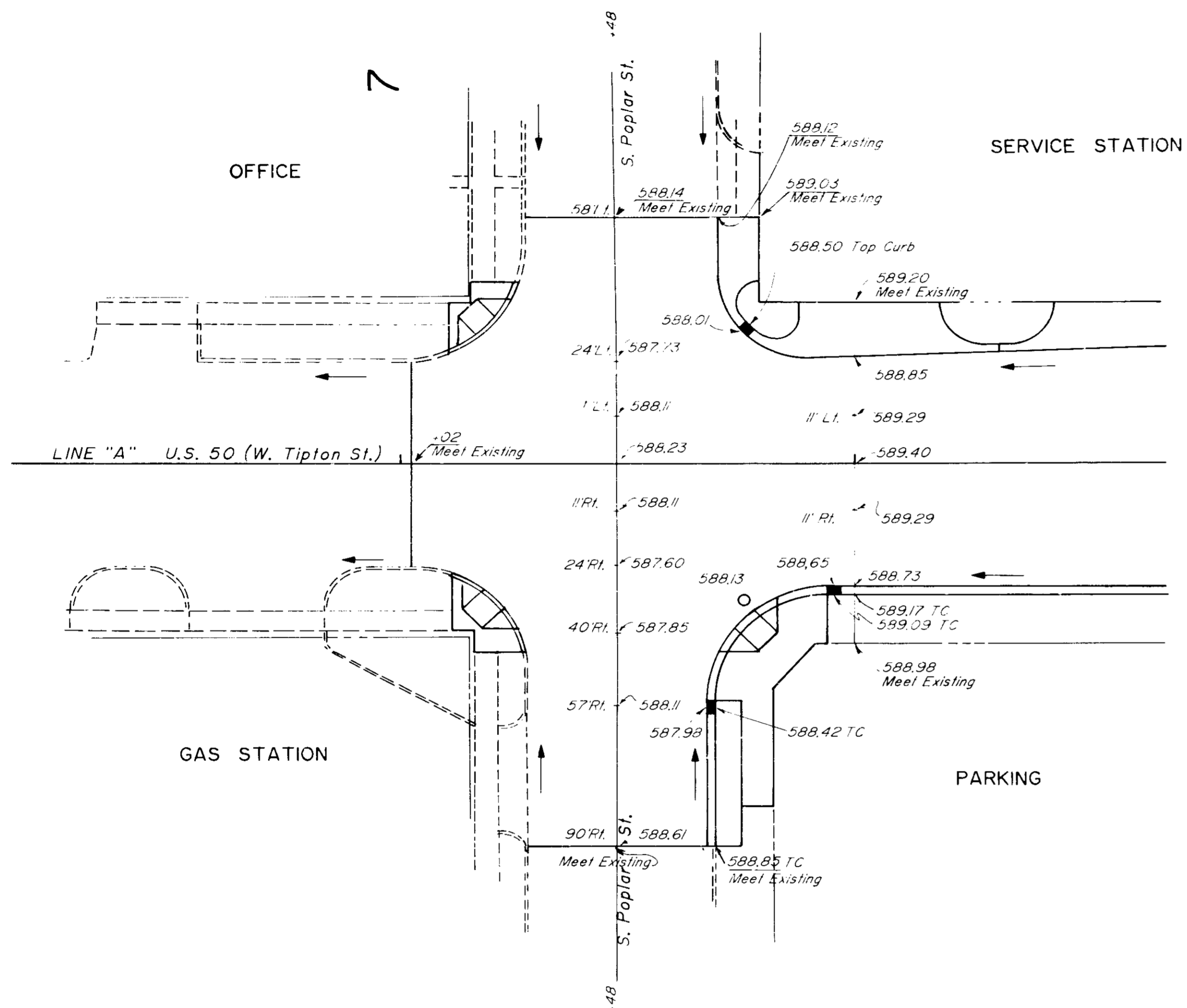
Sta. 17+46 Lt. & 17+89.5 Lt.
Scale 1" = 20'



DETAILS

SCALE: AS SHOWN





SODDING TABLE		
LINE	STATION	SYDS
Line "A"	7+69 Rt. - 7+75 Rt. (E. Side Poplar St.)	19
Line "A"	12+32 Rt. - 12+47 Rt.	8
Line "A"	19+65 Rt. - 20+03 Rt	23
Line "B"	7+54 Rt. - 7+63 Rt.	6
Line "B"	7+82 Rt. - 8+70 Rt.	44
TOTAL		100

CURB RAMP TABLE	
LOCATION	TYPE
7+20 LT.	B
7+20 RT.	B
7+80 RT.	B
10+85 LT.	B
10+85 RT.	B
11+40 LT.	B
11+50 RT.	B
15+05 LT.	B
15+15 RT.	B
15+70 LT.	B
15+70 RT.	B
18+10 RT.	B
19+10 LT.	B
19+65 LT.	B

- LEGEND**
- Drainage Structures
 - Sign / Signal Foundation
 - ▣ Signal Controller
 - Luminaire Base
 - Manhole
 - TC Top of Curb Elev.

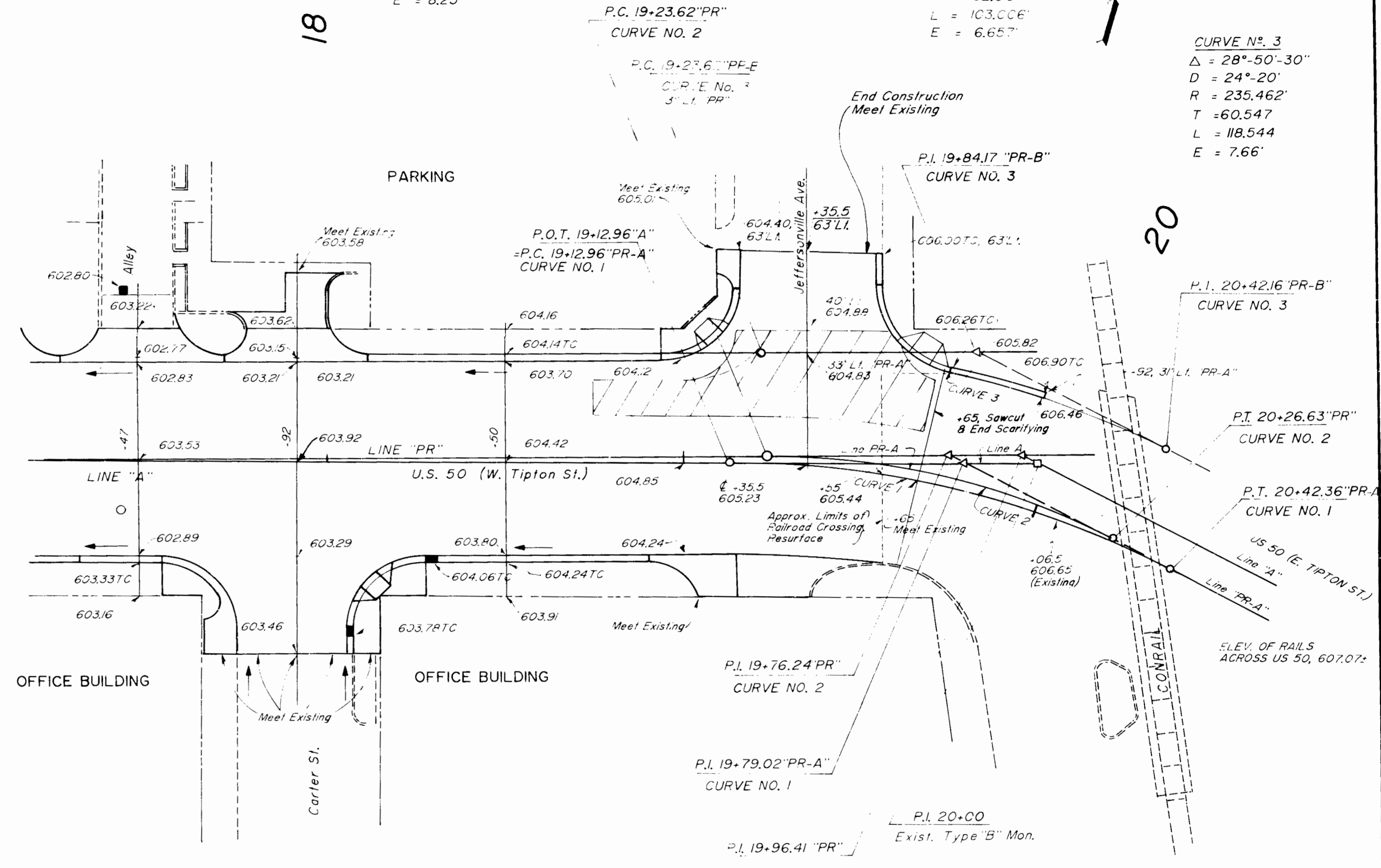
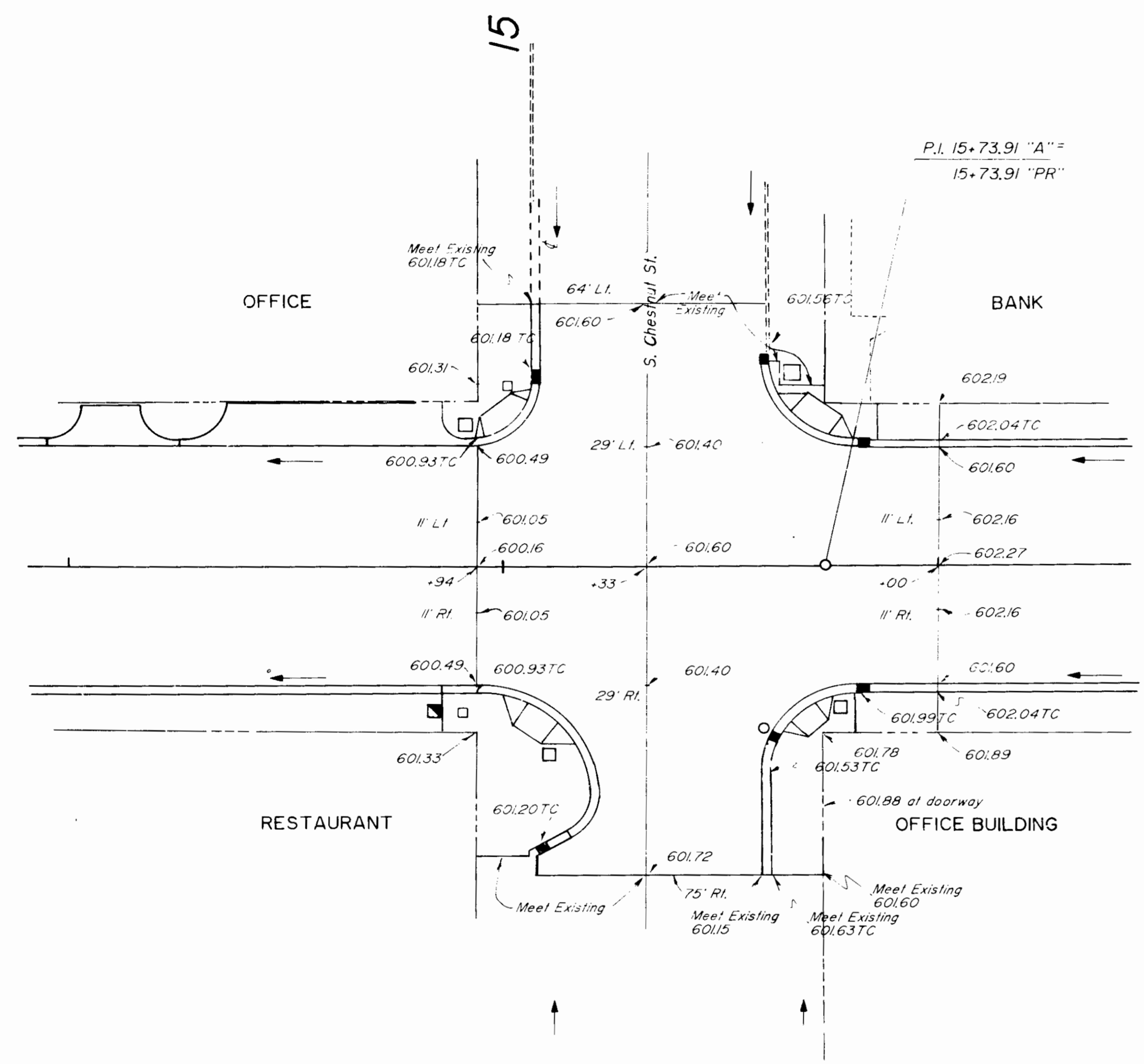
**SPOT ELEVATION
DETAILS**
SCALE 1" = 20'

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	HES-X255(2)		16	60

CURVE No. 1
 $\Delta = 28^{\circ}-28' \text{ RI}$
 $D = 22^{\circ}-00'$
 $P = 260.44'$
 $T = 66.06'$
 $L = 129.40'$
 $E = 8.25'$

CURVE No. 2
 $\Delta = 28^{\circ}-50'-30''$
 $D = 28^{\circ}-00'$
 $R = 204.628'$
 $T = 52.619'$
 $L = 103.006'$
 $E = 6.657'$

CURVE No. 3
 $\Delta = 28^{\circ}-50'-30''$
 $D = 24^{\circ}-20'$
 $R = 235.462'$
 $T = 60.547'$
 $L = 118.544'$
 $E = 7.66'$



- LEGEND**
- Drainage Structures
 - Sign / Signal Foundation
 - ▣ Signal Controller
 - Luminaire Bas
 - Manhole
 - TC Top of Curb Elev.
 - Ⓜ Pavement shown with Ⓜ to have 1" surface removed by milling. 8" 40 #1 Syd. Bituminous Surface II, HV.

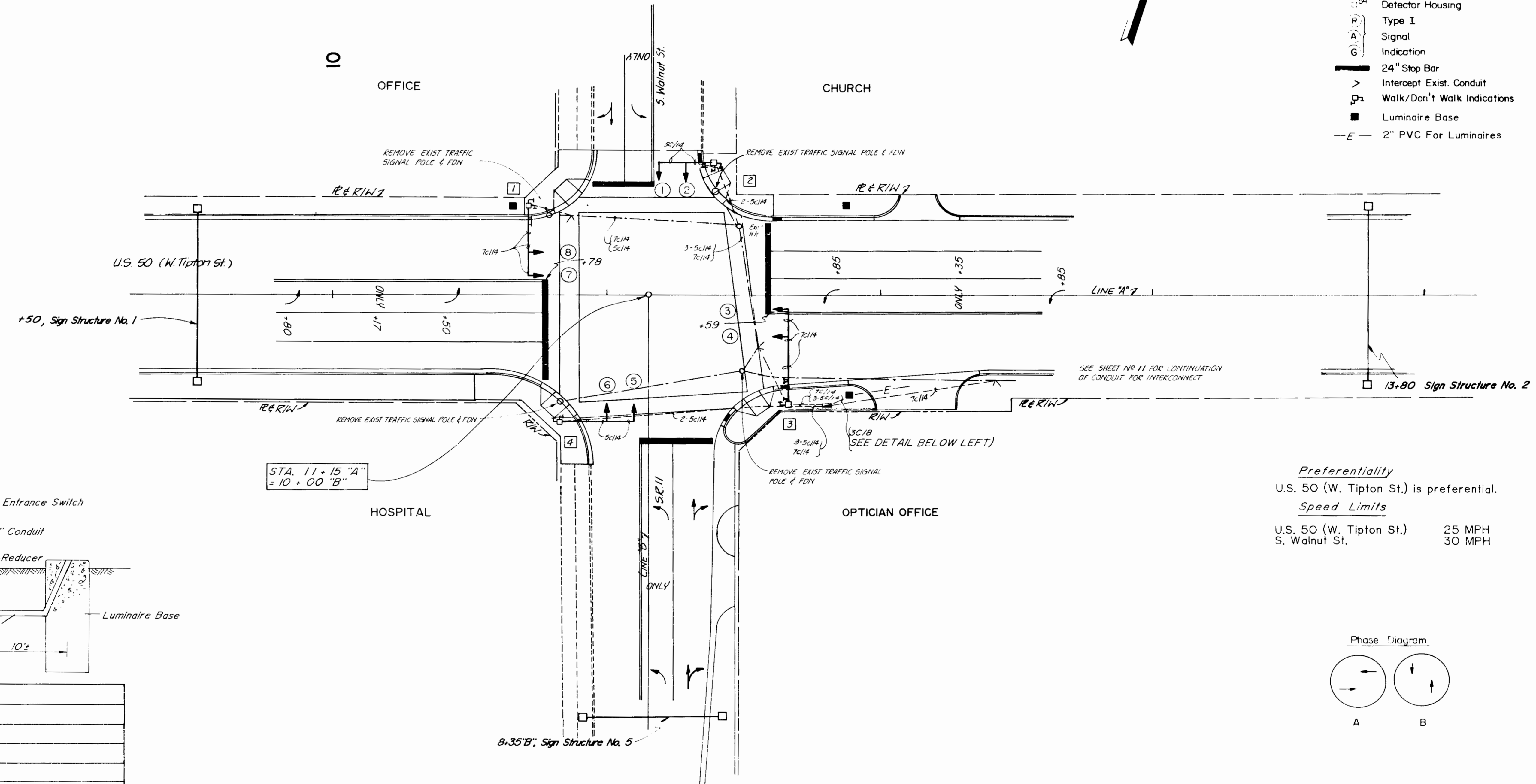
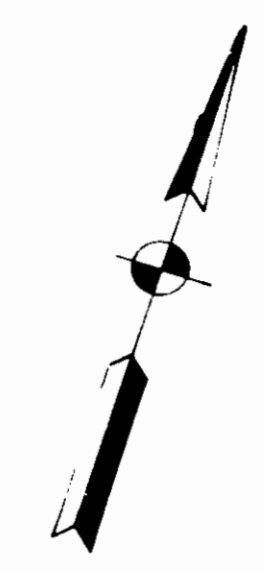
**SPOT ELEVATION
 DETAILS**
 SCALE 1" = 20'

NOTES:

1. ALL EXISTING TRAFFIC SIGNAL CABLE TO BE REMOVED.
2. ALL EXISTING CONDUIT THAT IS NOT REUSED SHALL BE CAPPED.
3. SEE SHEET NO.21 FOR DETAILS OF TRAFFIC SIGN PLACEMENT ON TRAFFIC SIGNAL STRUCTURES.
4. LOCATION OF EXISTING CONDUIT TAKEN FROM IDOH TRAFFIC SIGNAL PLANS. FIELD VERIFY LOCATION.
5. THE TRAFFIC SIGNAL SECONDARY CONTROLLER SHALL BE PRE-TIMED, SOLID STATE. (TYPE "M" CABINET)
6. EIGHT ONE-WAY VERTICAL MOUNTING BRACKET ASSEMBLY REQUIRED FOR PEDESTRIAN INDICATIONS.
7. SEE SHEETS 19 & 21 FOR SIGN STRUCTURE DETAILS.
8. CONTRACTOR WILL FURNISH AND INSTALL 3C/8 CABLE FROM ENTRANCE SWITCH TO LUMINAIRE BASE. UTILITY WILL CONNECT 3C/8 TO LUMINAIRE CABLE FOR POWER TO TRAFFIC SIGNAL.

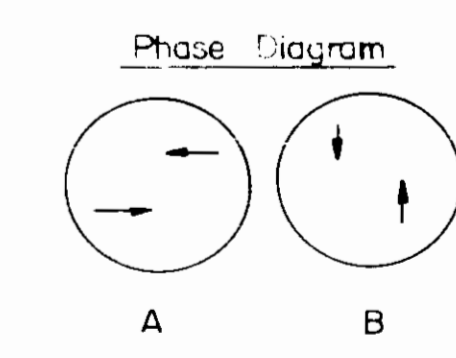
LEGEND

- R/W Line
- 2" Conduit
- Exist Conduit
- Controller
- Hand Hole
- Detector Housing
- Type I
- Signal
- Indication
- 24" Stop Bar
- > Intercept Exist. Conduit
- Walk/Don't Walk Indications
- Luminaire Base
- E- 2" PVC For Luminaires



Preferentiality
 U.S. 50 (W. Tipton St.) is preferential.

Speed Limits
 U.S. 50 (W. Tipton St.) 25 MPH
 S. Walnut St. 30 MPH



NO	TYPE	VISOR	REMARKS	NO	TYPE	SPAN / LENGTH	REMARKS	NO	TYPE	SPAN / LENGTH	LOCATION
8	I	TUNNEL		4	CANTILEVER	28'	10+84, 50' RI.	5	MONOTUBE	50'	STA. 8+35'H
7	I	TUNNEL		3	CANTILEVER	38'	11+67, 42.5' RI.	2	MONOTUBE	68'	STA. 13+80 'A'
6	I	TUNNEL		2	CANTILEVER	20'	11+40, 52' LI.	1	MONOTUBE	68'	STA. 9+50 'A'
5	I	TUNNEL		1	CANTILEVER	28'	10+71, 35' LI.				
4	I	TUNNEL									
3	I	TUNNEL									
2	I	TUNNEL									
1	I	TUNNEL									

TRAFFIC ENGINEERING STUDIES, INC.
 Seymour, Indiana 47274
 Phone 812-523-3195

TRAFFIC SIGNAL MODERNIZATION

DESIGNER	DLK	SCALE	1" = 20'	PROJECT NO.	U.S. 50 (W. Tipton St.) & SR 11 (S. Walnut St.)
DRAWN	HM	PROJECT NO.	HES-1255(2)	CITY	SEYMOUR, IN.
CHECKED	DLK	DATE	2-86	SHEET	17
				TOTAL SHEETS	60

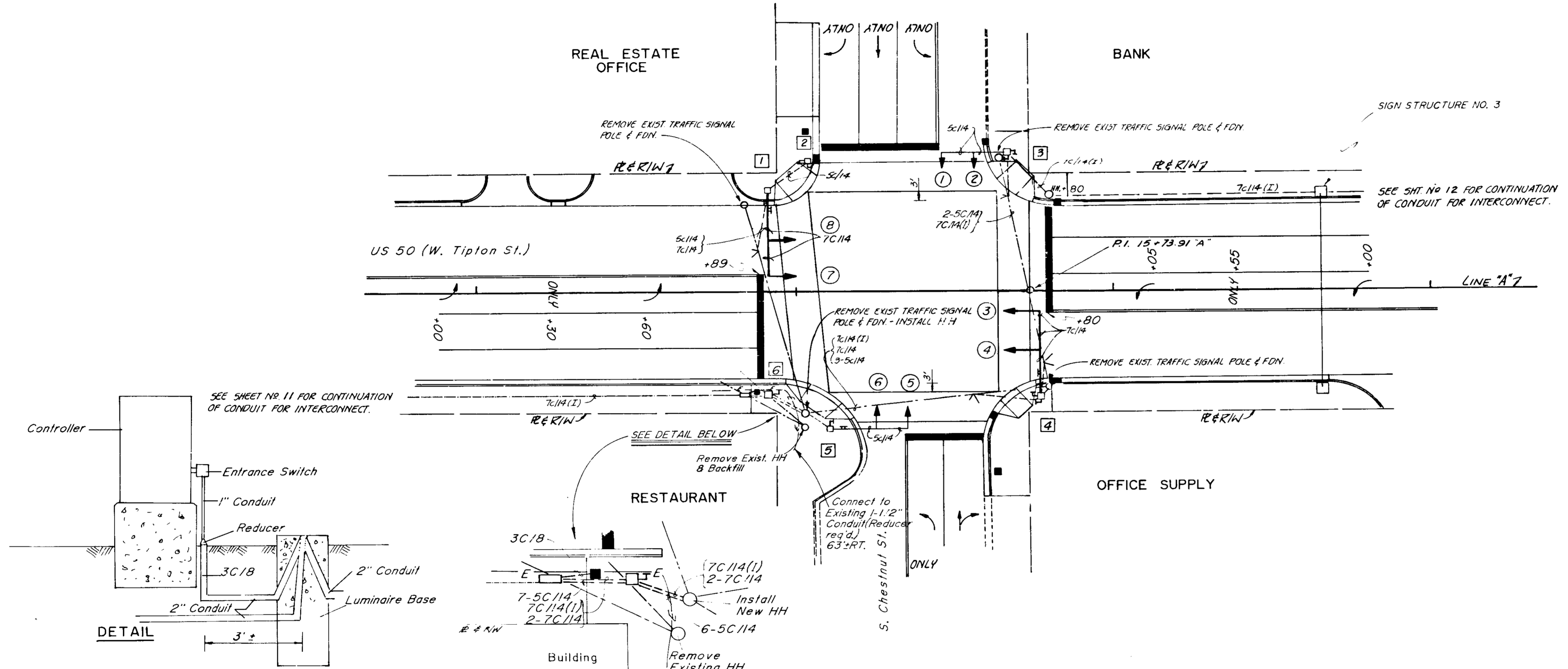
NOTES:

1. ALL EXISTING TRAFFIC SIGNAL CABLE TO BE REMOVED.
2. ALL EXISTING CONDUIT THAT IS NOT REUSED SHALL BE CAPPED.
3. SEE SHEET 14 FOR LOCATION OF TRAFFIC SIGN STRUCTURES AND SHEET 17 FOR DETAILS OF SIGN PLACEMENT.
4. LOCATION OF EXISTING CONDUIT TAKEN FROM IDOH TRAFFIC SIGNAL PLANS. FIELD VERIFY LOCATION.
5. THE TRAFFIC SIGNAL MASTER CONTROLLER SHALL BE PRE-TIMED, SOLID STATE, (TYPE "M" CABINET)
6. ONE 1-WAY PEDESTAL MOUNTING ASSEMBLY WITH SLIPFITTER, ONE 2-WAY PEDESTAL MOUNTING ASSEMBLY WITH SLIPFITTER AND FIVE 1-WAY VERTICAL MOUNTING BRACKET ASSEMBLY REQUIRED FOR PEDESTRIAN INDICATIONS.
7. CONTRACTOR WILL FURNISH AND INSTALL 3C/8 CABLE FROM ENTRANCE SWITCH TO LUMINAIRE BASE. UTILITY WILL CONNECT 3C/8 TO LUMINAIRE CABLE FOR POWER TO TRAFFIC SIGNAL.



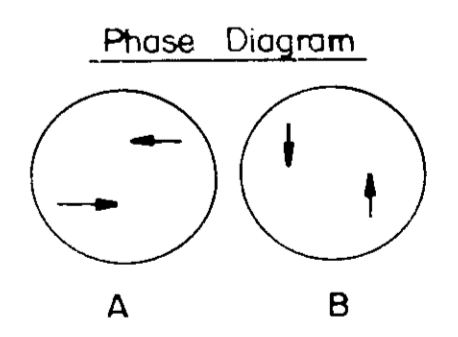
LEGEND

- R/W Line
- 2" Conduit
- Exist Conduit
- Controller
- ^{HH} Hand Hole
- ^{DM} Detector Housing
- ⊖ Type I
- ⊖ Signal
- ⊖ Indication
- ▬ 24" Stop Bar
- > Intercept Exist. Conduit
- ⊖ Walk/Don't Walk Indication
- Luminaire Base
- E— 2" PVC For Luminaires



PREFERENTIALITY
US 50 (W. Tipton St.) is preferential

SPEED LIMITS
US 50 (W. Tipton St.) 25 MPH
S. Chestnut St. 20 MPH



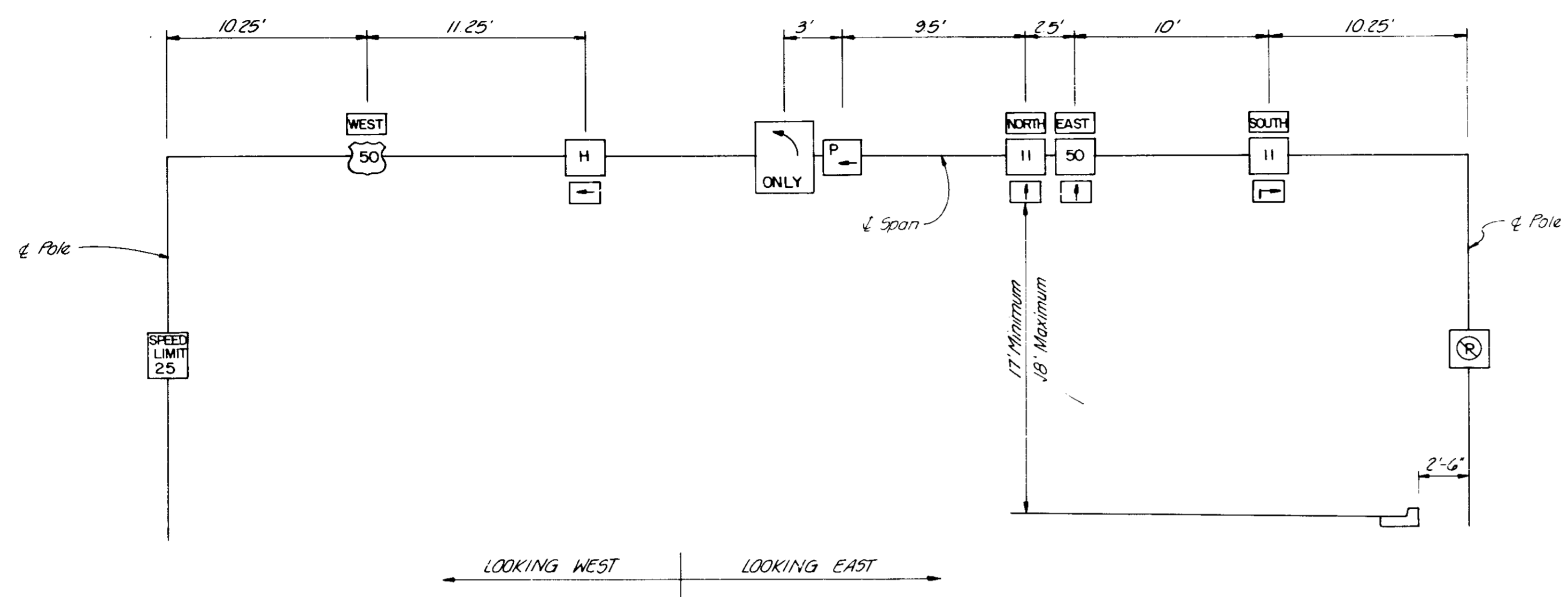
NO	TYPE	VISOR	REMARKS	NO	TYPE	SPAN / LENGTH	REMARKS	NO	TYPE	SPAN / LENGTH	LOCATION
8	I	TUNNEL		6	PEDESTAL	-	14+92, 34' RI.				
7	I	TUNNEL		5	CANTILEVER	25'	15+11, 46' RI.				
6	I	TUNNEL		4	CANTILEVER	28'	15+77, 35' RI.				
5	I	TUNNEL		3	CANTILEVER	20'	15+63, 47' LI.				
4	I	TUNNEL		2	PEDESTAL	-	15+04, 44' LI.	4	SPAN & CATENARY	68'	STA. 18+85 "A"
3	I	TUNNEL		1	CANTILEVER	28'	14+92, 34' LI.	3	SPAN & CATENARY	68'	STA. 16+65 "A"
2	I	TUNNEL									
1	I	TUNNEL									

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TRAFFIC SIGNAL MODERNIZATION

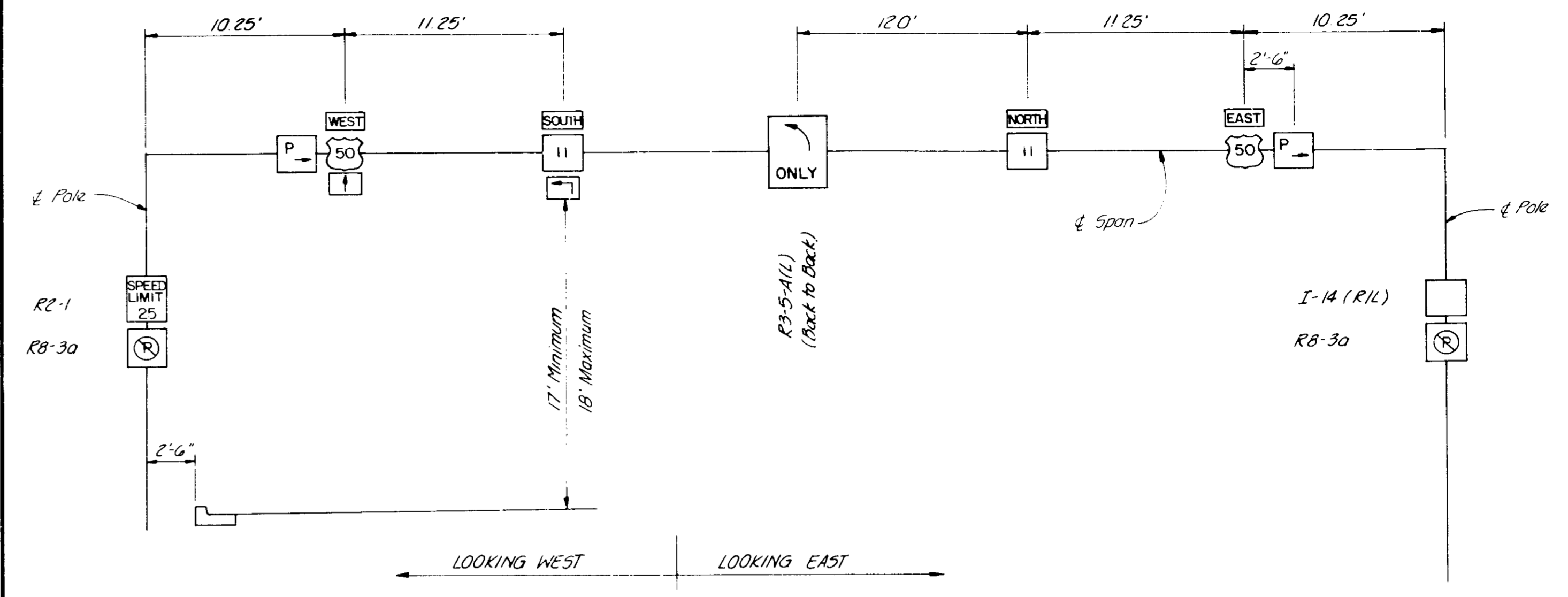
DESIGNED: DLK	SCALE: 1" = 20'	PROJECT LOCATION: US 50 (W. Tipton St.) & S. Chestnut St. SEYMOUR, IN.
DRAWN: HM	PROJECT NO: HE5-1255(2)	
CHECKED: DLK	DATE: 2-86	SHEET 18 OF 60

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	MS-X225 (2)		19	60



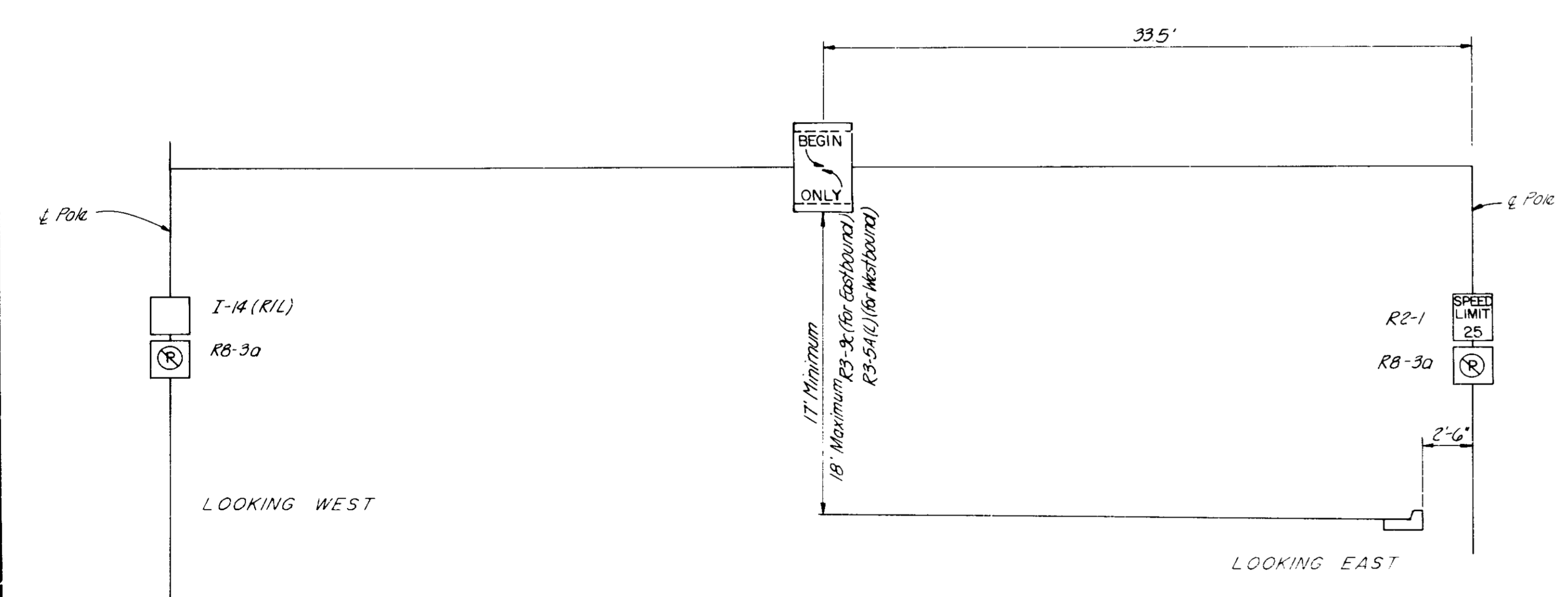
SIGN STRUCTURE NO. 1
 Manotube - 68' Span
 (See Sheet No. 20)
 Sta. 9+50 Line "A"

SCALE: 1" = 5'



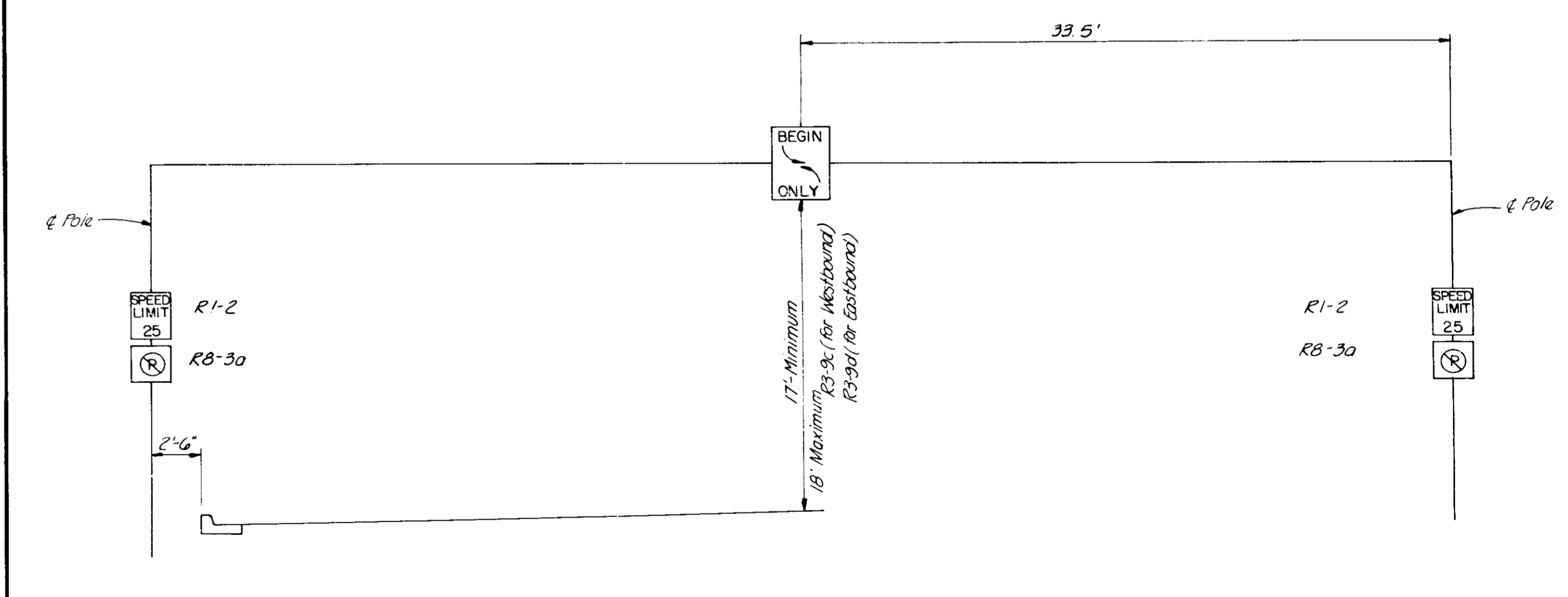
SIGN STRUCTURE NO. 2
 Manotube - 68' Span
 (See Sheet No. 20)
 Sta. 13+80 Line "A"

SCALE: 1" = 5'



SIGN STRUCTURE NO. 3
 Span & Catenary - 68' Span
 (See Sheet No. 20)
 Sta. 16+65 Line "A"

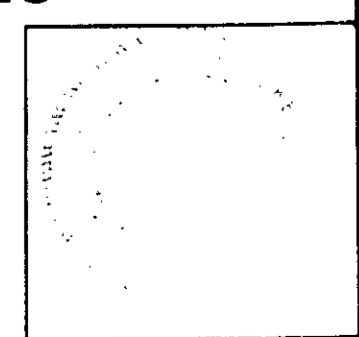
SCALE: 1" = 5'



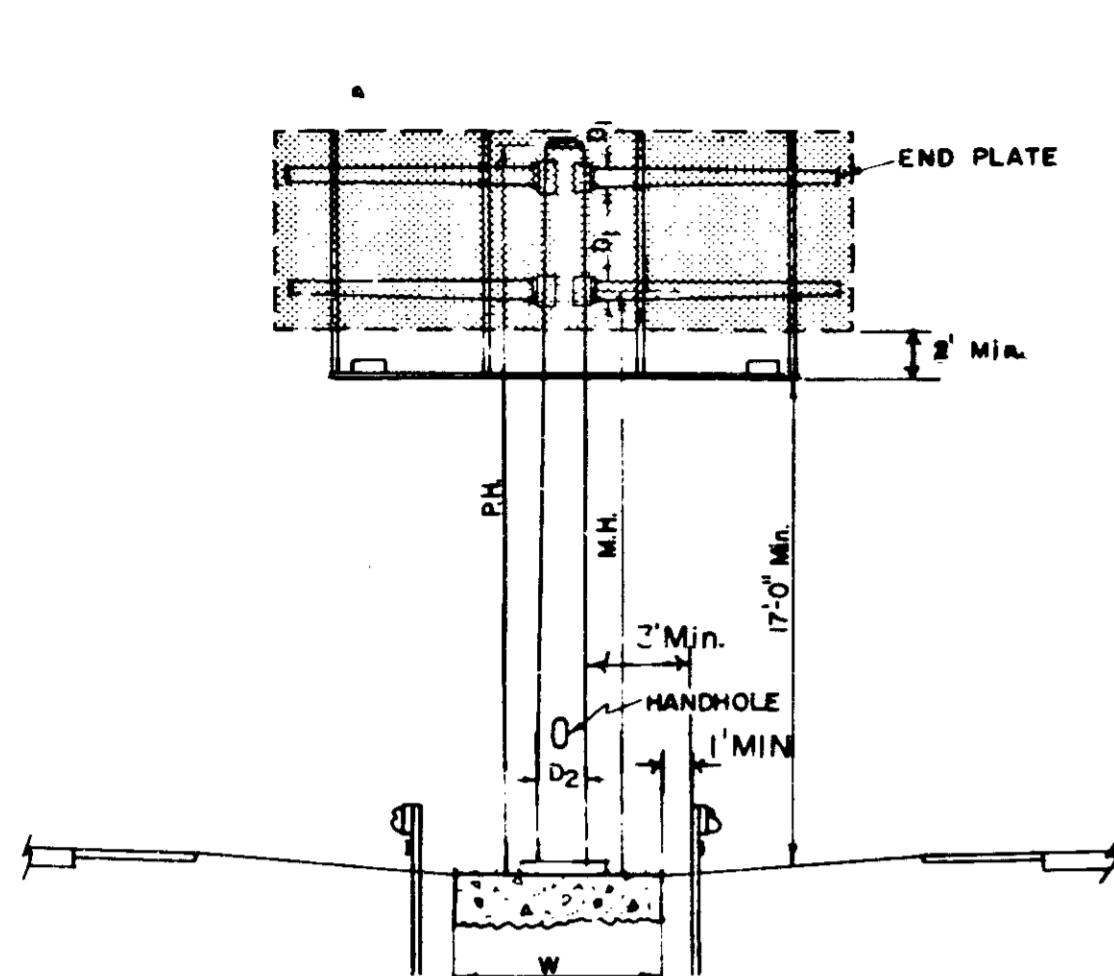
SIGN STRUCTURE NO. 4
 Span & Catenary - 68' Span
 (See Sheet No. 20)
 Sta. 18+85 Line "A"

SCALE: 1" = 5'

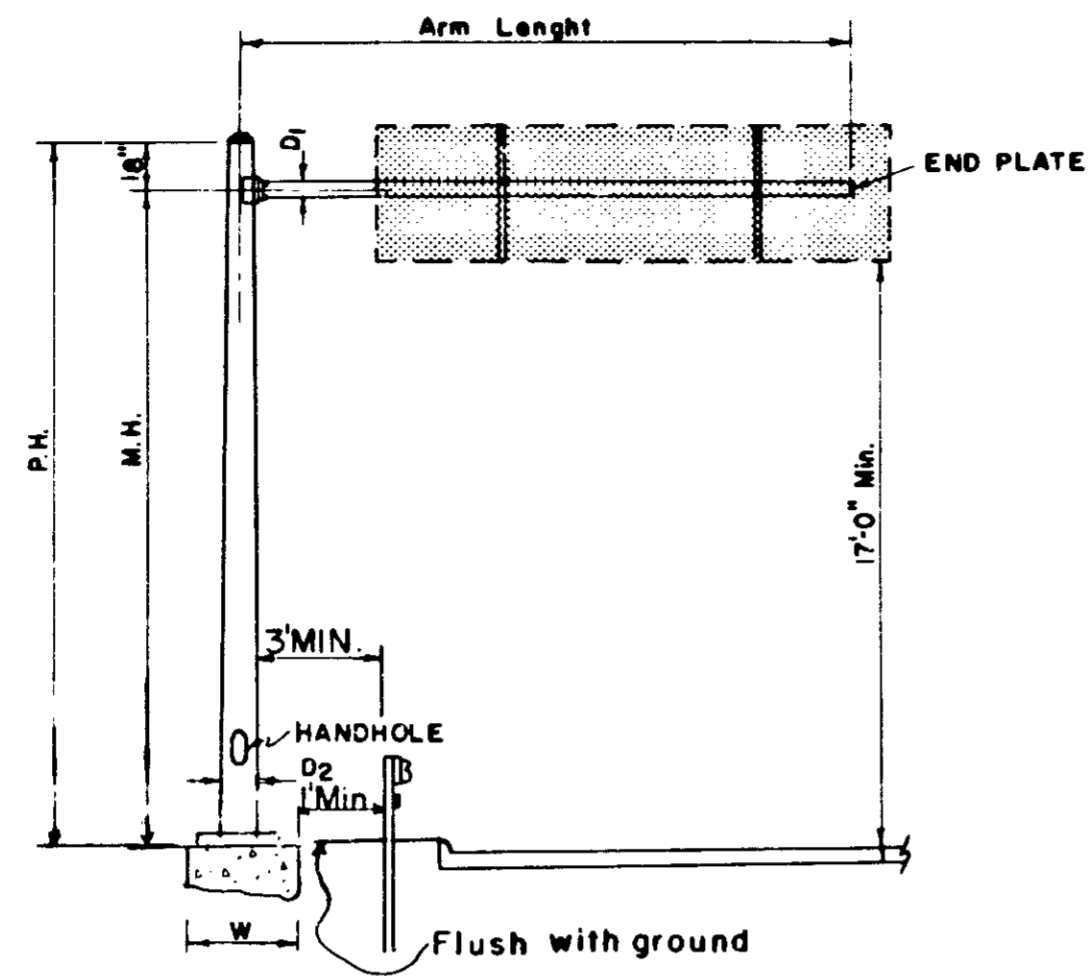
**TRAFFIC SIGN STRUCTURES
 DETAILS**



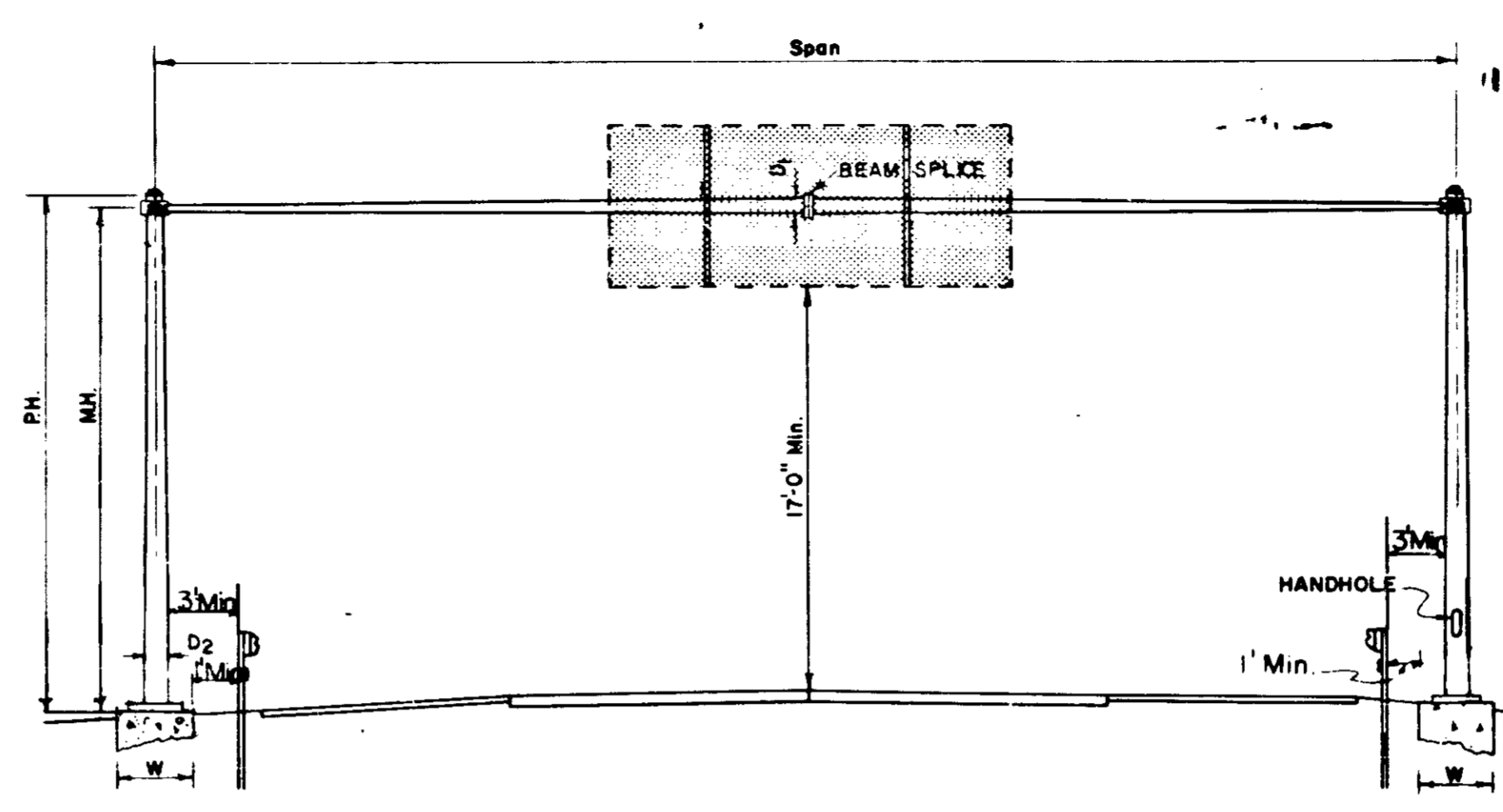
SINGLE POST-TWIN CANTILEVER
(DOUBLE MASTARM)



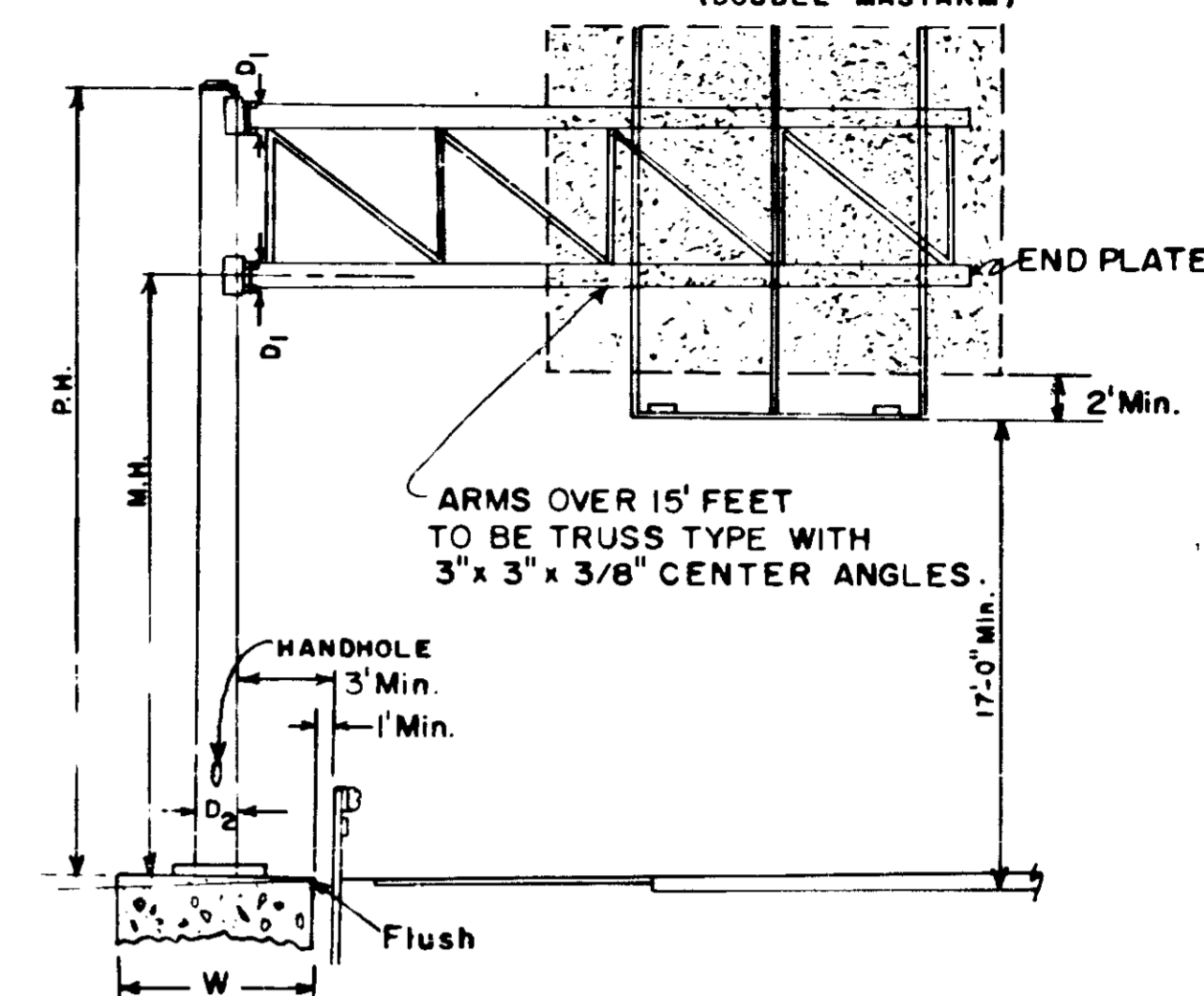
SINGLE POST CANTILEVER
(SINGLE MASTARM)



DOUBLE POSTS-SPAN TYPE
(SINGLE BEAM)

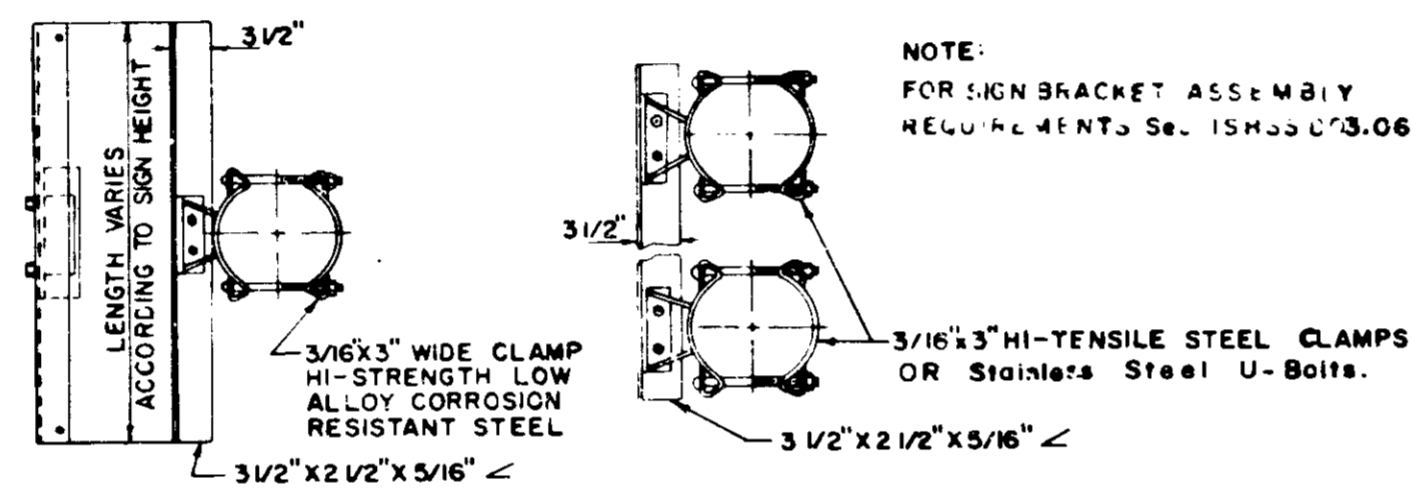
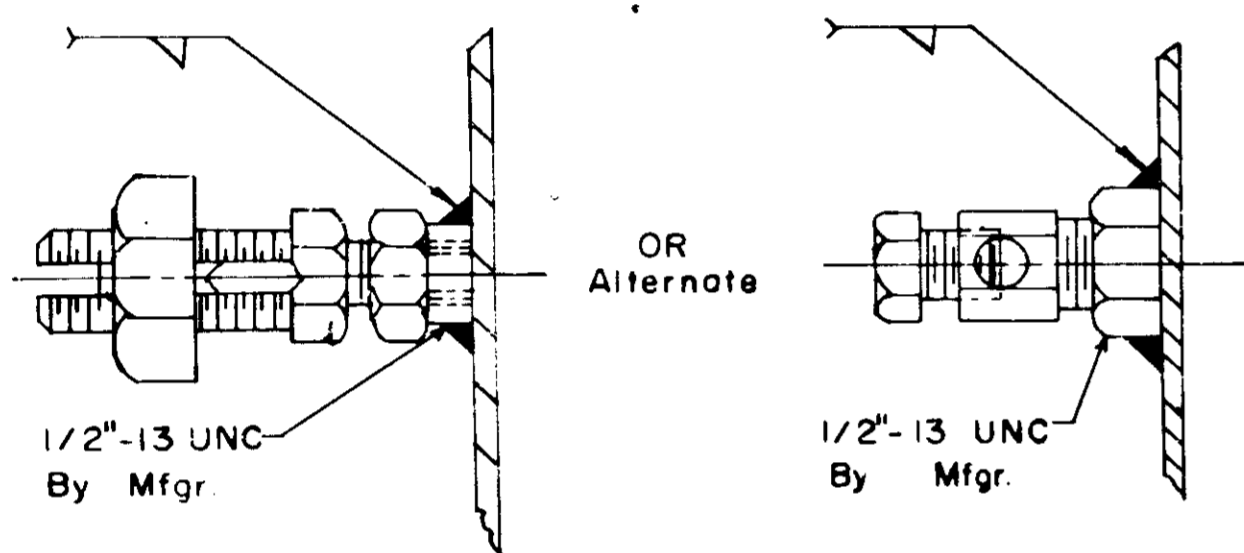


SINGLE POST - CANTILEVER
(DOUBLE MASTARM)

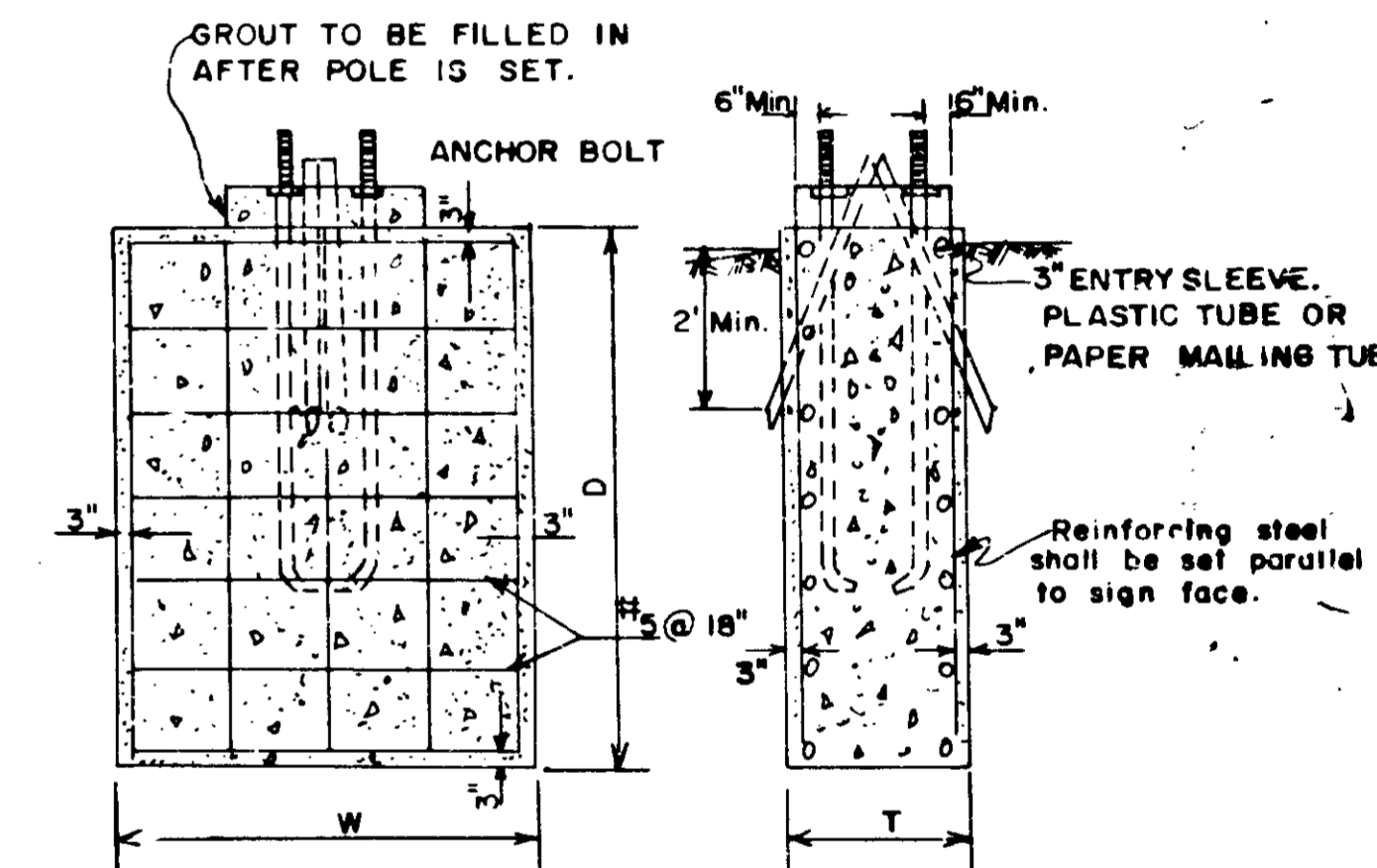
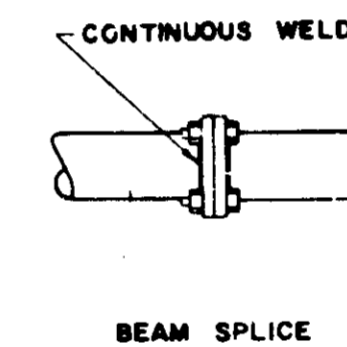
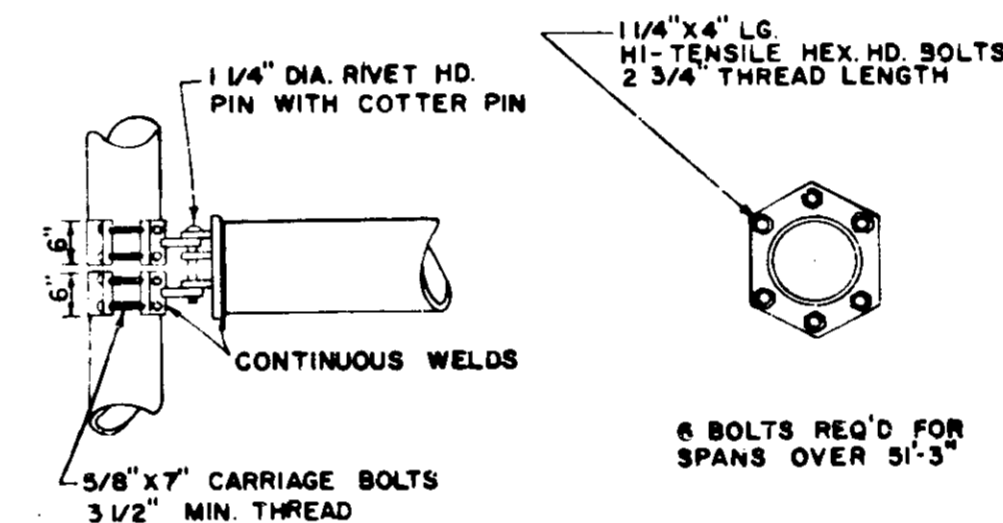


SIGN BRACKET ASSEMBLY

DOUBLE POSTS-SPAN ATTACHMENT



NOTE:
FOR SIGN BRACKET ASSEMBLY
REQUIREMENTS SEE 15MS 073.06.

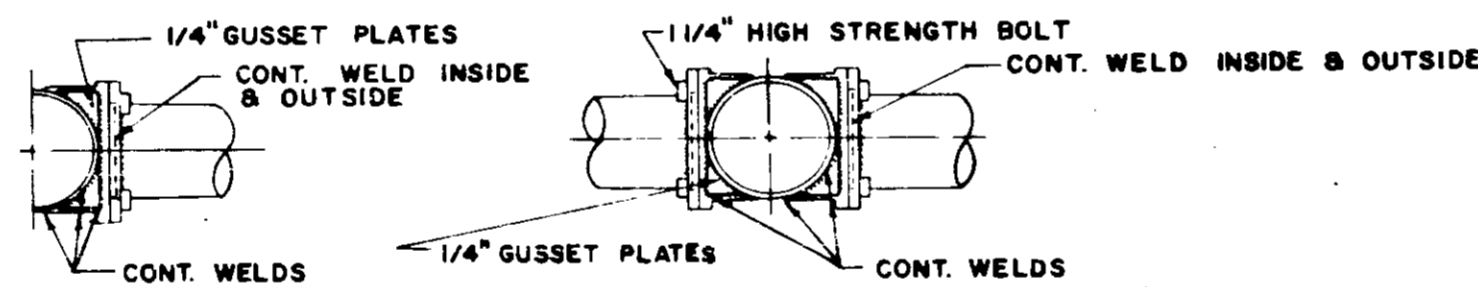


DETAIL OF GROUNDING CONNECTION

THE GROUNDING CONNECTION SHALL BE LOCATED 12" FROM THE BOTTOM OF THE SUPPORT EASILY ACCESSIBLE FROM THE STRUCTURE MANHOLE.
OXIDATION INHIBITOR SHALL BE LIBERALLY APPLIED TO ALL SURFACES THAT MATE WITH A DISSIMILAR MATERIAL.
Material furnished for Overhead Sign Structures shall be according with I. D. O. H. Standard Specification 1988-909.19(b)

DOUBLE MASTARM

ARM ATTACHMENT

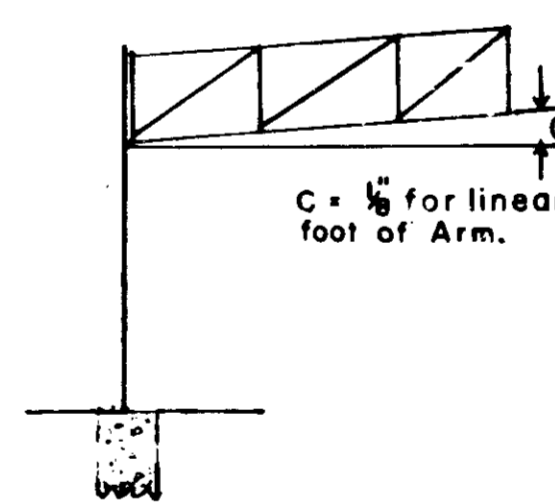
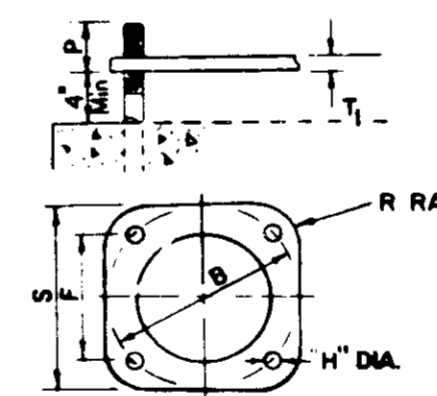


CANTILEVER

TWIN CANTILEVER

BASE PLATE

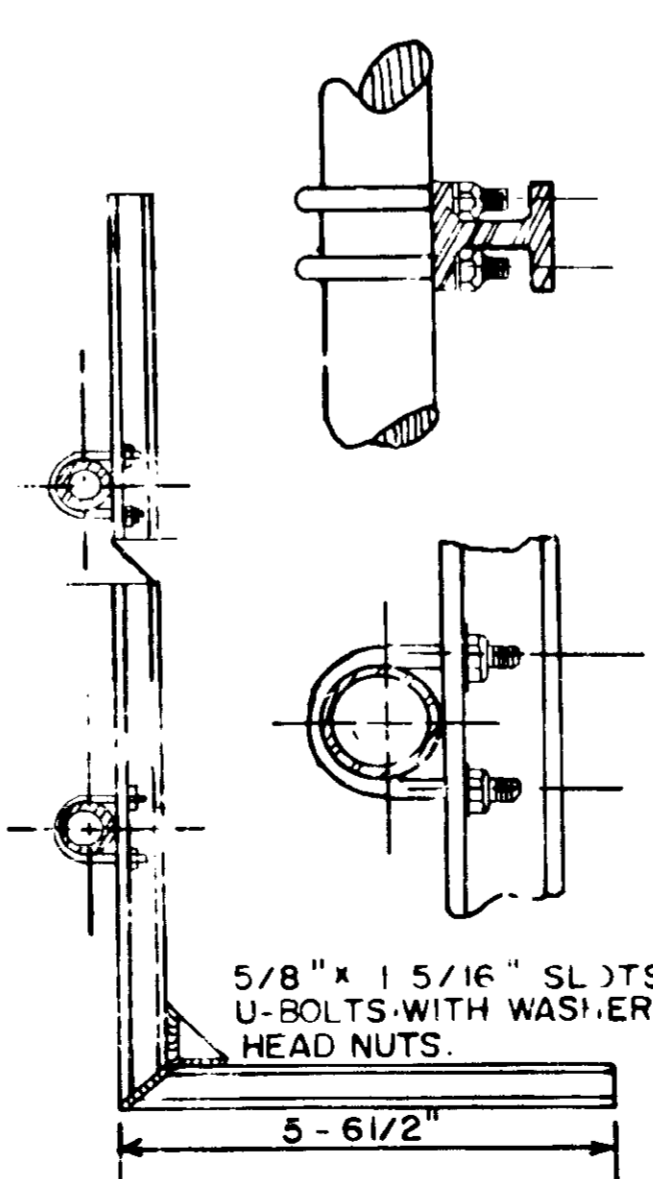
CAMBER FOR CANTILEVER



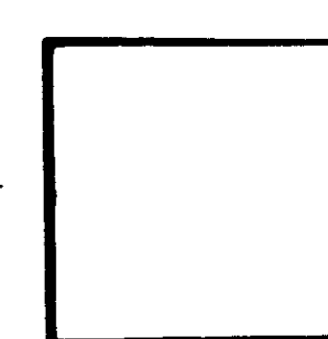
STRUCTURE NUMBER	SIGN AREA	ARM OR BEAM		UPRIGHT		BASE DIMENSION							ANCHOR BOLT DIA.	SPAN OR ARM LENGTH	FOOTING DATA						
		D1	THICKNESS	D2	THICKNESS	M. H.	P. H.	B	F	H	P	R			S	T1	T	W	D	Concrete Cu. Yds.	Steel Lbs.
1	53.76	14"	7 ga	12	3 ga	19'-6"	20'	16'	11 5/16	2 1/8	3 3/4	3 3/4	17	2	1 3/4" x 90	68'	3'	3'	8'	5.34	136.4
2	48.38	14"	7 ga	12	3 ga	19'-6"	20'	16'	11 5/16	2 1/8	3 3/4	3 3/4	17	2	1 3/4" x 90	68'	3'	3'	8'	5.34	136.4
3	15.0	See Misc. Traffic Std. MT9F	14"				26								2" x 96	68'				6.28	90.4
4	15.0	See Misc. Traffic Std. MT9F	14"				26								2" x 96	68'				6.28	90.4
5	62.76	9.5"	3 ga	10	3 ga	19'-6"	20'	13.5'	9-9/16	1-3/4	3	3-1/8	14-1/8	1-1/2	1-1/2" x 60	50'	3'	3'	6'	4.00	131.0

Date	Revisions
9/6/73	Chg'd from Stl. to Plastic Sleeve
2/1/74	Channel Addition
3/11/74	MISC.
8/26/75	MISC.
6/28/79	CAMBER MISC. NOTES
7/1/82	SIGN BRACKET
12/20/83	SLOTS (L-BRACKETS)
12/20/83	C = 1/8", 2" to 3" ENTRY SLEEVE

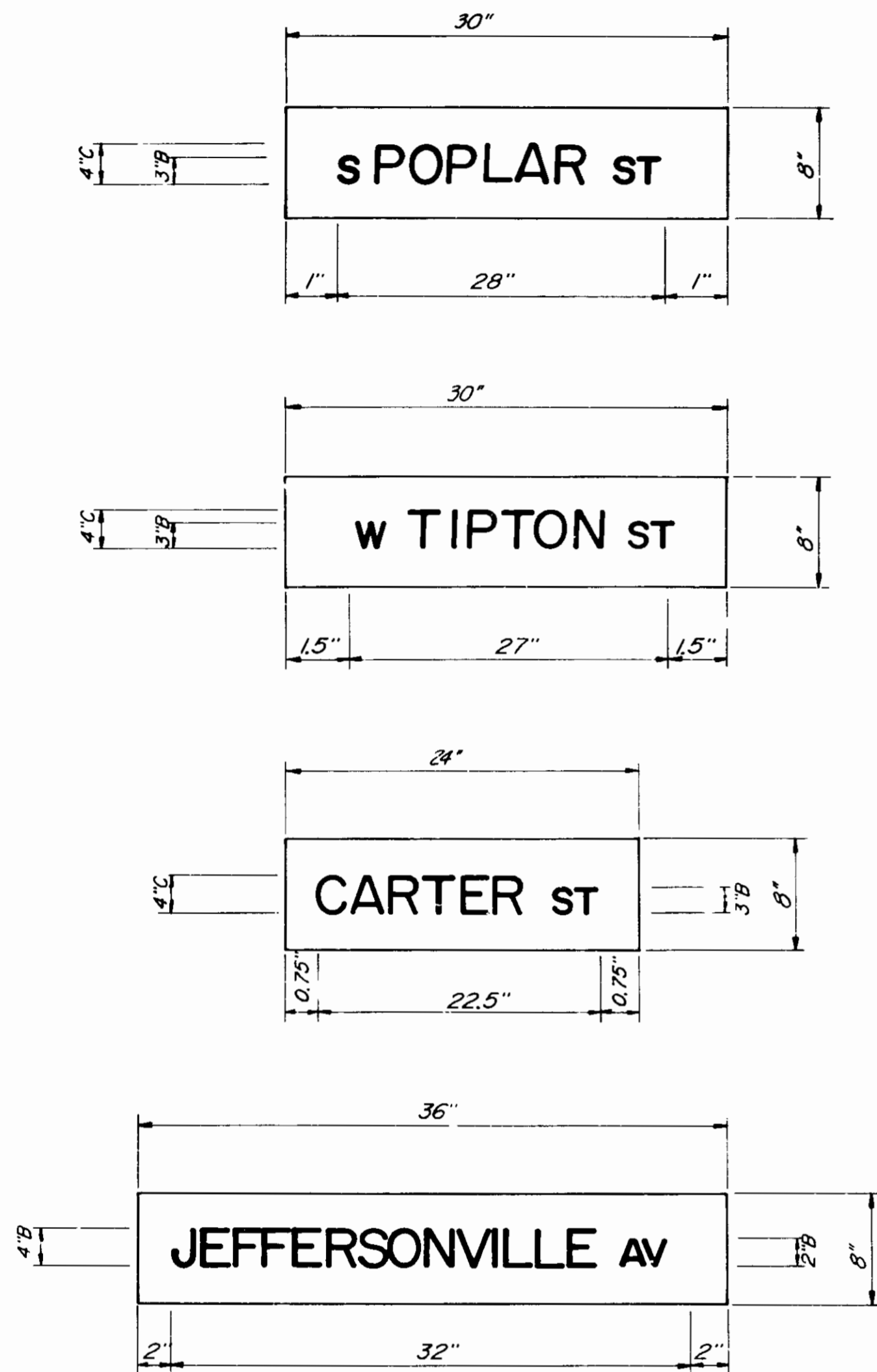
TRAFFIC SIGN DETAILS



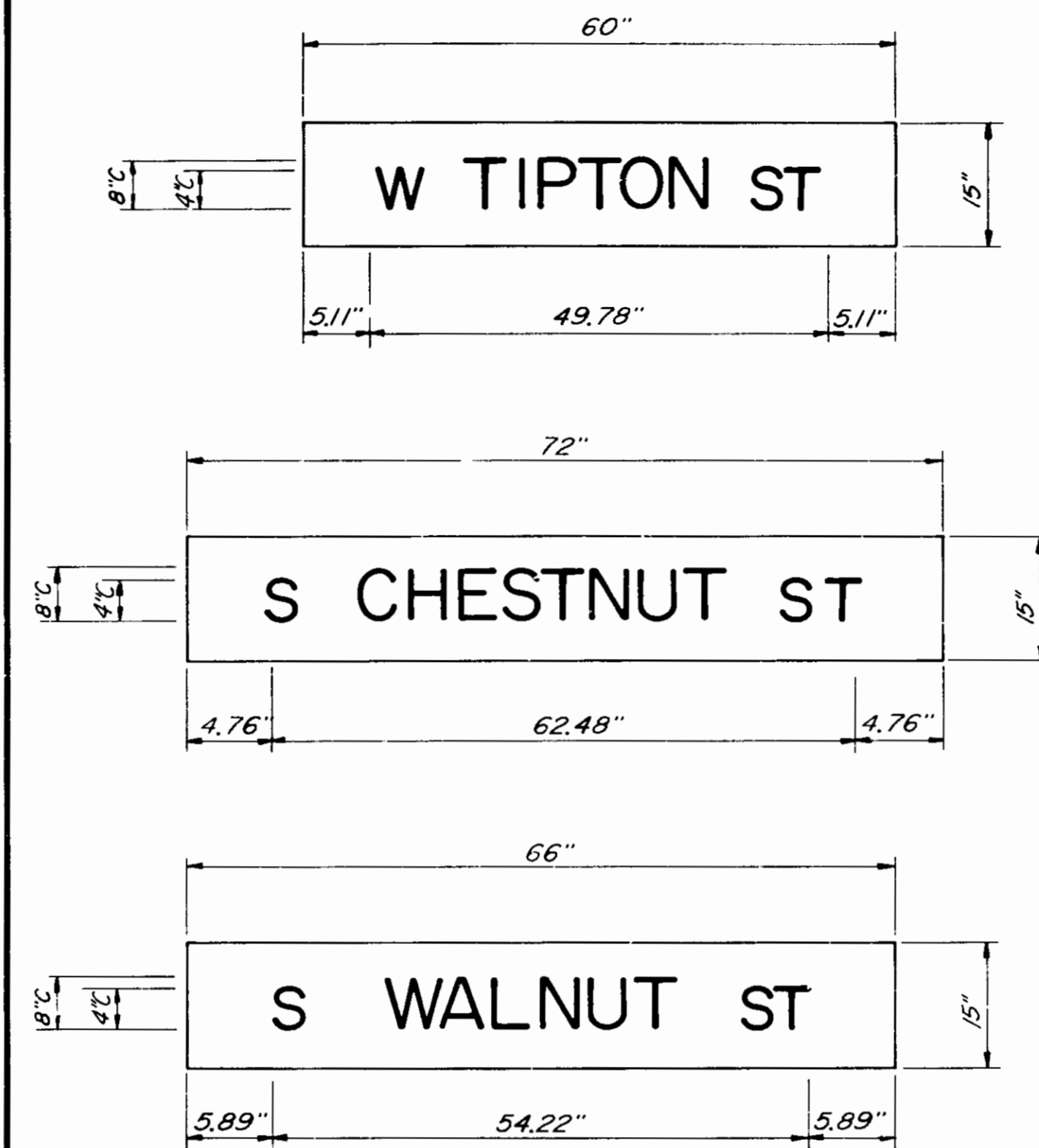
SIGN DESIGN ENGINEER



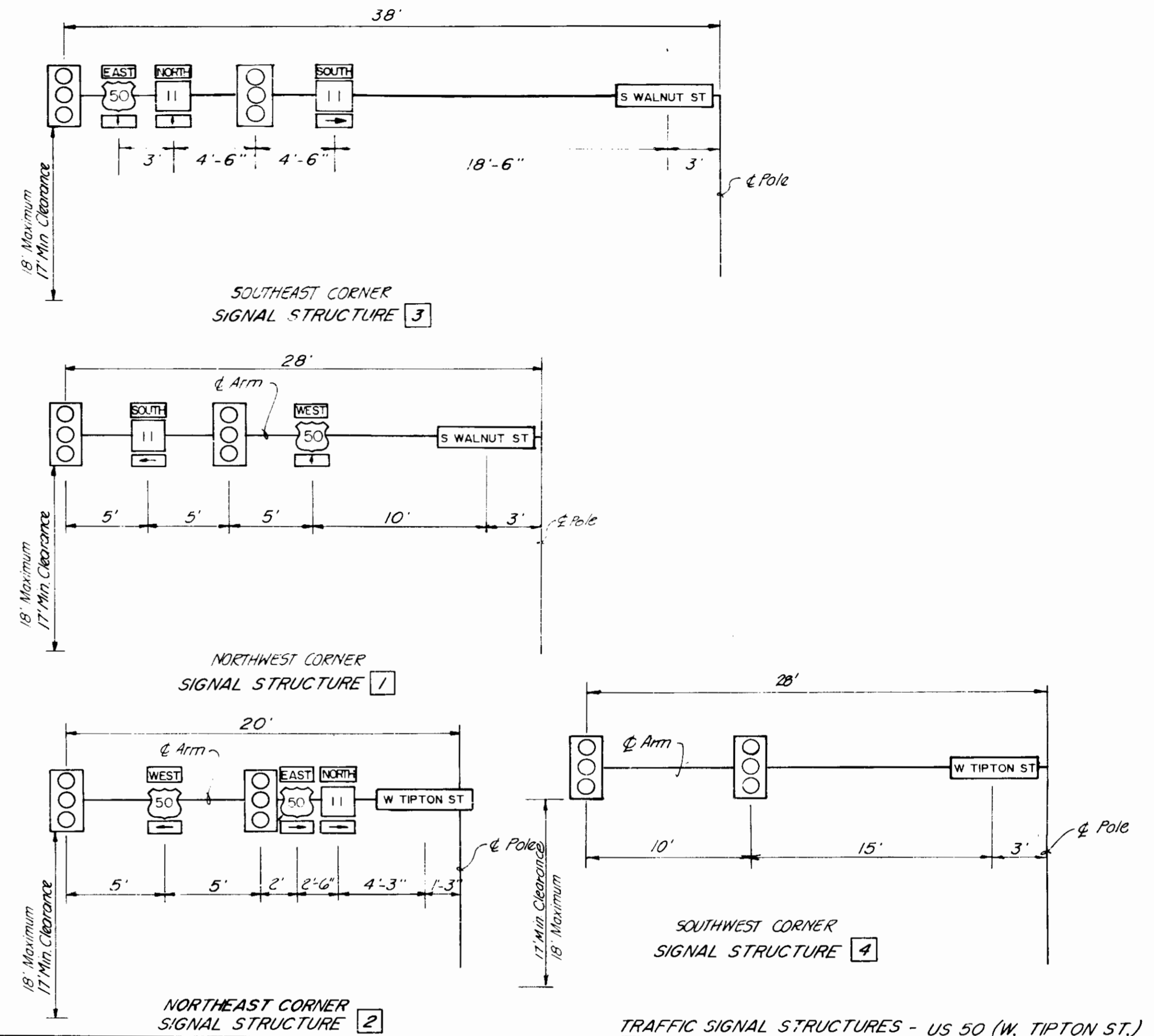
D3-1 SIGNS FOR STREET NAME ASSEMBLIES



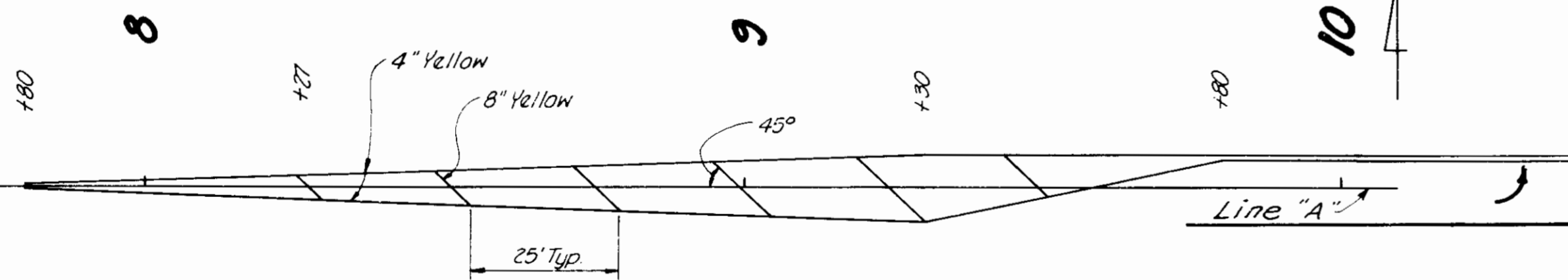
D3-1(5) STREET NAME SIGNS FOR TRAFFIC SIGNAL STRUCTURES



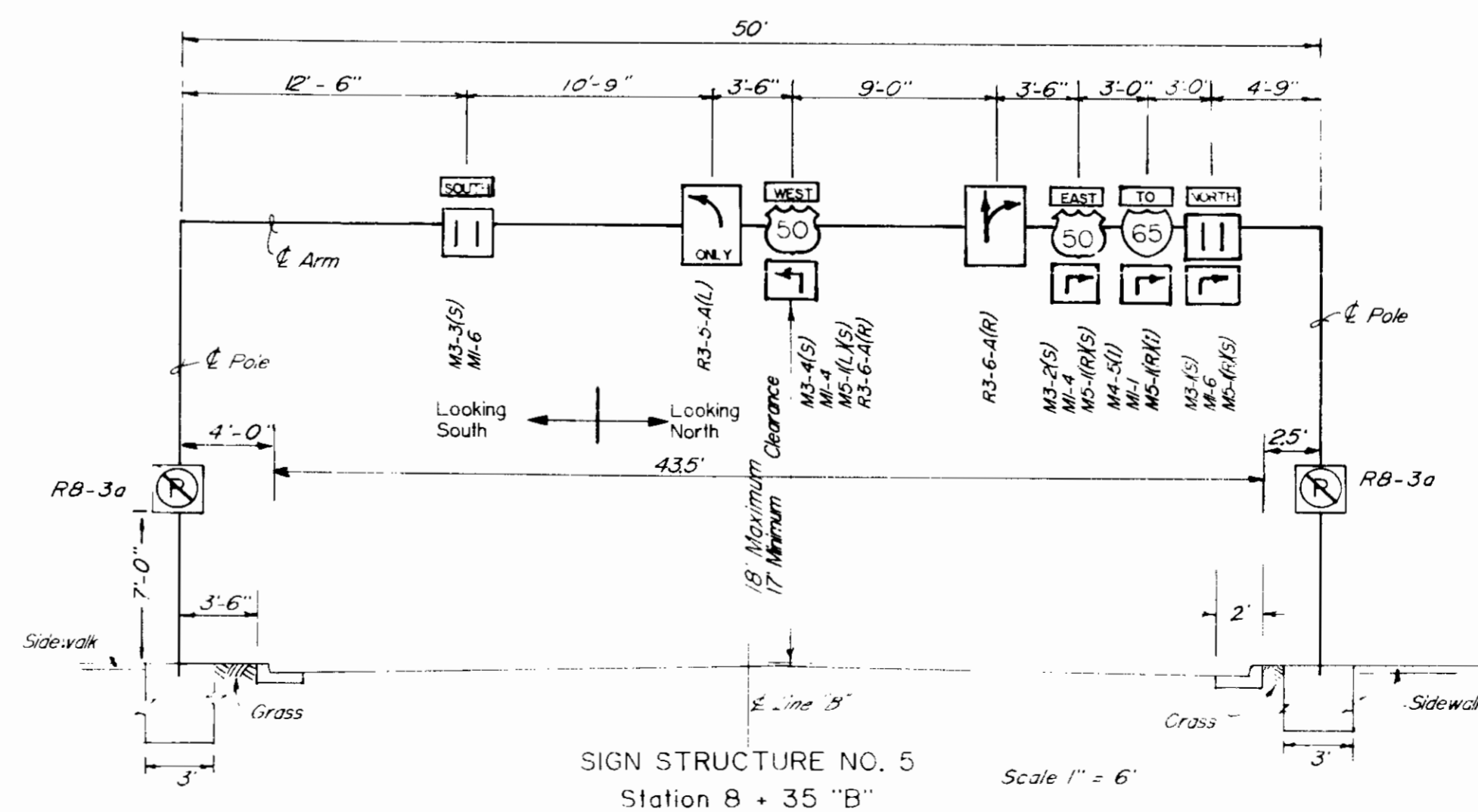
SIGN & SIGNAL PLACEMENT TRAFFIC SIGNAL STRUCTURES



TRAFFIC SIGNAL STRUCTURES - US 50 (W. TIPTON ST.)
8 SR 11 (S. WALNUT ST.)

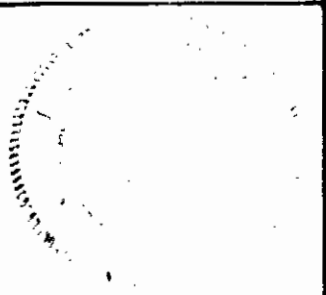


DETAIL TRANSVERSE MARKINGS
SCALE: 1" = 20'



SIGN STRUCTURE NO. 5
Station 8 + 35 "B"
Scale 1" = 6'

MISCELLANEOUS
DETAILS
SCALE AS SHOWN



TRAFFIC SIGN SCHEDULE

SIGN DESCRIPTION	CODE	SIZE	THICK-NESS	AREA SIGN	QTY	TYPE OF POST /BRACKET	LEN-GTH	QTY	LOCATION	REMARKS
EASTBOUND										
HOSPITAL ARROW	D9-2	24 x 24	0.080	4.0	1	A	14	1	6 - 40 RT.	
SPEED LIMIT	R2-1	24 x 30	0.080	5.0	1	B	13	1	8 - 00 RT.	25 MPH
STREET NAME ASSEMBLY	D3-1	30 x 8	0.125	167	1	ROUND	10	1	TIPTON & POPLAR	SW CORNER - W TIPTON ST S POPLAR ST
LANE CONTROL	R3-5-A(L)	36 x 48	0.100	12.0	1	MAST ARM		2	9 - 50	SIGN STRUCTURE NO 1
PARKING AREA	D4-1(L)	30 x 24	0.080	5.0	1	MAST ARM		2		
ROUTE	M3-1(S)	24 x 12	0.080	2.0	1	MAST ARM		1		NORTH
MARKER	M1-6	24 x 24	0.080	4.0	1					SR 11
ASSEMBLY	M6-3(S)	21 x 15	0.080	2.19	1					
ROUTE	M3-2(S)	24 x 12	0.080	2.0	1	MAST ARM		1		EAST
MARKER	M1-4	24 x 24	0.080	4.0	1					US 50
ASSEMBLY	M6-3(S)	21 x 15	0.080	2.19	1					
ROUTE	M3-3(S)	24 x 12	0.080	2.0	1	MAST ARM		1		SOUTH
MARKER	M1-6	24 x 24	0.080	4.0	1					SR 11
ASSEMBLY	M6-3(S)	21 x 15	0.080	2.19	1					
NO PARKING	R8-3a	24 x 24	0.080	4.0	1	POLE MOUNT		1		
ROUTE	M3-1(S)	24 x 12	0.080	2.0	1	MAST ARM		1	TIPTON - WALNUT	SIGNAL STRUCTURE (SE CORNER) NORTH
MARKER	M1-6	24 x 24	0.080	4.0	1					SR 11
ASSEMBLY	M6-3(S)	21 x 15	0.080	2.19	1					
ROUTE	M3-2(S)	24 x 12	0.080	2.0	1	MAST ARM		1		EAST
MARKER	M1-4	24 x 24	0.080	4.0	1					US 50
ASSEMBLY	M6-3(S)	21 x 15	0.080	2.19	1					
STREET NAME SIGN	D3-1(S)	66 x 15	0.125	6.88	1	MAST ARM		2	S. WALNUT ST.	
ROUTE	M3-3(S)	24 x 12	0.080	2.0	1	MAST ARM		1		SOUTH
MARKER	M1-6	24 x 24	0.080	4.0	1					SR 11
ASSEMBLY	M6-1(S)	21 x 15	0.080	2.19	1					
SPEED LIMIT	R2-1	24 x 30	0.080	5.0	1	POLE MOUNT		1	11 - 88 RT.	25 MPH (MOUNT ON LUMINAIRE POLE)
LANE CONTROL	R3-5-A(L)	36 x 48	0.100	12.0	2	MAST ARM		4	13 - 73	SIGN STRUCTURE NO 2
ROUTE	M3-1(S)	24 x 12	0.080	2.0	1	MAST ARM		1		NORTH
MARKER ASSEMBLY	M1-6	24 x 24	0.080	4.0	1					SR11
ROUTE	M3-2(S)	24 x 12	0.080	2.0	1	MAST ARM		1		EAST
MARKER ASSEMBLY	M1-4	24 x 24	0.080	4.0	1					US 50
PARKING AREA	D4-1(R)	30 x 24	0.080	5.0	1	MAST ARM		2		
BUSINESS DISTRICT	I-14(R/L)	24 x 24	0.080	4.0	1	POLE MOUNT		1		
NO PARKING	R8-3a	24 x 24	0.080	4.0	1	POLE MOUNT		1		
STREET NAME SIGN	D3-1(S)	72 x 15	0.125	7.5	2	MAST ARM		4	TIPTON & CHESTNUT	S CHESTNUT ST-SIGNAL STRUCTURE (SE & NW CORNER)
STREET NAME SIGN	D3-1(S)	60 x 15	0.125	6.25	2	MAST ARM		4	TIPTON & CHESTNUT	W TIPTON ST-SIGNAL STRUCTURE (SW & NE CORNER)
LANE CONTROL	R3-9c	36 x 60	0.100	15.0	1	SPAN WIRE		1	16 - 65	SIGN STRUCTURE NO 3 - EASTBOUND
LANE CONTROL	R3-5A(L)	36 x 48	0.100	12.0	1	SPAN WIRE		1		WESTBOUND
SPEED LIMIT	R2-1	24 x 30	0.080	5.0	1	POLE MOUNT		1		25 MPH
NO PARKING	R8-3a	24 x 24	0.080	4.0	1	POLE MOUNT		1		
LANE CONTROL	R3-9a	36 x 60	0.100	15.0	1	SPAN WIRE		1	18 - 85	SIGN STRUCTURE NO 4 - EASTBOUND
LANE CONTROL	R3-9c	36 x 60	0.100	15.0	1	SPAN WIRE		1		WESTBOUND
SPEED LIMIT	R2-1	24 x 30	0.080	5.0	1	POLE MOUNT		1		25 MPH
NO PARKING	R8-3a	24 x 24	0.080	4.0	1	POLE MOUNT		1		
SPEED LIMIT	R2-1	24 x 30	0.080	5.0	1	POLE MOUNT		1	18 - 85	25 MPH-SIGN STRUCTURE NO 4 - WESTBOUND
NO PARKING	R8-3a	24 x 24	0.080	4.0	1	POLE MOUNT		1		
BUSINESS DISTRICT	I-14(R/L)	24 x 24	0.080	4.0	1	POLE MOUNT		1	16 - 65	SIGN STRUCTURE NO 3 - WESTBOUND
NO PARKING	R8-3a	24 x 24	0.080	4.0	1	POLE MOUNT		1		

CONTINUED ON SHEET 23

NOTES: 1. ALL SIGNS TO HAVE ENCAPSULATED LENS REFLECTIVE SHEETING
 2. TRAFFIC SIGN POST LENGTHS ARE ESTIMATED. FINAL LENGTHS TO BE DETERMINED IN THE FIELD.
 3. ALL D3-1 (STREET NAME SIGNS) TO HAVE REFLECTIVE SHEETING WITH LEGEND ON BOTH SIDES OF SIGN
 ALL D3-1(S) (STREET NAME SIGNS) TO HAVE REFLECTIVE SHEETING WITH LEGEND ON ONLY ONE SIDE OF SIGN.

PAVEMENT MARKING SCHEDULE

DESCRIPTION	STATIONS		SOLIC	SKIP	LENGTH	LENGTH	LENGTH	LENGTH	EACH	EACH	EACH	REMARKS
	BEGIN	END										
US 50 (W TIPTON ST)												
DOUBLE YELLOW	7+02	7+13										
LANE LINE	7+02	7+12		12' RT					10			
LANE LINE	7+02	7+12		12' LT					10			
CROSSWALK	FIELD LOCATE							442				
STOP BAR	FIELD LOCATE									14		
STOP BAR	FIELD LOCATE									24		
DOUBLE YELLOW	FIELD LOCATE									80		
LANE LINE	FIELD LOCATE								40			
LANE LINE	7+92	9+40			25' LT to 17.5' LT				40			
LANE LINE	7+97	9+40			13.5' RT to 17.5' RT				40			
YELLOW LINE	7+80	9+30		05' LT to 6.5' LT						150		
YELLOW LINE	7+80	9+30		05' RT to 6.5' RT						150		
YELLOW LINE	9+30	9+80		6.5' LT						50		
YELLOW LINE	9+30	9+80		6.5' RT to 6' LT						52		
DOUBLE YELLOW	9+80	10+76		6' LT						192		
LANE LINE	9+76	10+76		6.5' RT					100			
LANE LINE	9+76	10+76		17.5' RT					100			
LANE LINE	9+50	10+76		17.5' LT					40			
CROSS WALK	FIELD LOCATE							493				
STOP BAR / ARROWS	FIELD LOCATE									20		
STOP BAR / ARROWS	FIELD LOCATE									26		
STOP BAR / ARROWS	FIELD LOCATE									36		
STOP BAR / ARROWS	FIELD LOCATE									36		
LANE LINE	FIELD LOCATE								100			
DOUBLE YELLOW	FIELD LOCATE									200		
LANE LINE	11+54	12+54		17.5' LT					100			
LANE LINE	11+54	12+54		6.5' LT					100			
DOUBLE YELLOW	11+54	13+42		6.5' RT						376		
LANE LINE	11+54	13+90		17.5' RT					120			
LANE LINE	13+90	14+88		17.5' RT					98			
LANE LINE	13+90	14+88		6.5' RT					98			
LANE LINE	12+54	14+88		17.5' LT					60			
DOUBLE YELLOW	12+54	13+04		6.5' RT to 6.5' LT						52		
DOUBLE YELLOW	13+04	14+88		6.5' LT						184		
DOUBLE YELLOW	13+42	13+92		6.5' RT to 6.5' LT						52		
CROSS WALK	FIELD LOCATE							460				
STOP BAR / ARROWS	FIELD LOCATE									33		
STOP BAR / ARROWS	FIELD LOCATE									22		
STOP BAR / ARROWS	FIELD LOCATE									34		
STOP BAR / ARROWS	FIELD LOCATE									34		
LANE LINE	FIELD LOCATE								80			
DOUBLE YELLOW	FIELD LOCATE									80		
LANE LINE	FIELD LOCATE								40			
DOUBLE YELLOW	FIELD LOCATE									80		
CONTINUED ON SHEET NO 23												
TOTAL (THIS SHEET)												
					2571	279	1720			11	22	

See Sheet 17
See Sheet 18

TRAFFIC SIGN SCHEDULE

SIGN DESCRIPTION	CODE	SIZE	THICKNESS	AREA SIGN	QTY	TYPE OF POST/BACKET	LEN-GTH	QTY	LOCATION	REMARKS
WESTBOUND (con't)										
SPEED LIMIT	R2-1	24 x 30	0.080	5.0	1	POLE MOUNT			13 + 73	25 MPH-SIGN STRUCTURE NO 2
NO PARKING	R8-3a	24 X 24	0.080	4.0	1	POLE MOUNT				
ROUTE	M3-3(S)	24 X 12	0.080	2.0	1	MAST ARM				SOUTH
MARKER	M1-6	24 X 24	0.080	4.0	1					
ASSEMBLY	M5-1(L)(S)	21 X 15	0.080	2.19	1					SR 11
ROUTE	M3-4(S)	24 X 12	0.080	2.0	1	MAST ARM				WEST
MARKER	M1-4	24 X 24	0.080	4.0	1					US 50
ASSEMBLY	M6-3(S)	21 X 15	0.080	2.19	1					
PARKING AREA	D4-1(R)	30X 24	0.080	5.0	1	MAST ARM		2		
STREET NAME ASSEMBLY	D3-1	30 x 8	0.125	1.67	1	ROUND	10	1	TIPTON & CARTER	SW CORNER W TIPTON ST CARTER ST
ROUTE	M3-3(S)	24 X 12	0.080	2.0	1	MAST ARM		1	TIPTON & WALNUT	SIGNAL STRUCTURE (NW CORNER) SOUTH SR 11
MARKER	M1-6	24 X 24	0.080	4.0	1					
ASSEMBLY	M6-1(S)	21 x 15	0.080	2.19	1					
STREET NAME SIGN	D3-1(S)	66 x 15	0.125	6.88	1	MAST ARM		2	S. WALNUT ST	
ROUTE	M3-4(S)	24 x 12	0.080	2.0	1	MAST ARM		1	WEST	
MARKER	M1-4	24 x 24	0.080	4.0	1					US 50
ASSEMBLY	M6-3(S)	21 x 15	0.080	2.19	1					
STREET NAME SIGN	D3-1(S)	60 x 15	0.125	6.25	1	MAST ARM		2	TIPTON & WALNUT	SIGNAL STRUCTURE (SW CORNER) W TIPTON ST
ROUTE	M3-4(S)	24 x 12	0.080	2.0	1	MAST ARM		2	TIPTON & WALNUT	SIGNAL STRUCTURE (NE CORNER) WEST
MARKER	M1-4	24 x 24	0.080	4.0	1					US 50
ASSEMBLY	M6-1(S)	21 x 15	0.080	2.19	1					
STREET NAME SIGN	D3-1(S)	60 x 15	0.125	6.25	1	MAST ARM		2	W TIPTON ST	
ROUTE	M3-2(S)	24 x 12	0.080	2.0	1	MAST ARM		1	EAST	
MARKER	M1-4	24 x 24	0.080	4.0	1	MAST ARM		1	US 50	
ASSEMBLY	M6-1(S)	21 x 15	0.080	2.19	1					
ROUTE	M3-1(S)	24 x 12	0.080	2.0	1	MAST ARM		1	NORTH	
MARKER	M1-6	24 x 24	0.080	4.0	1					SR 11
ASSEMBLY	M6-1(S)	21 x 15	0.080	2.19	1					
ROUTE	M4-5(I)	24 x 12	0.080	2.0	1	MAST ARM		1	TO	
MARKER	M1-1	24 x 24	0.080	4.0	1					I-65
ASSEMBLY	M6-1(I)	21 x 15	0.080	2.19	1					
SPEED LIMIT	R2-1	24 x 30	0.080	5.0	1	POLE MOUNT		1	9 + 50	SIGN STRUCTURE NO 1 25 MPH
ROUTE MARKER	M3-4(S)	24 x 12	0.080	2.0	1	MAST ARM		1	WEST	
ASSEMBLY	M1-4	24 x 24	0.080	4.0	1					US 50
HOSPITAL	D9-2	24 x 24	0.080	4.0	1	MAST ARM		1		
ARROW	M6-1(I)	21 x 15	0.080	2.19	1					
SPEED LIMIT	R2-1	24 x 30	0.080	5.0	1	B	13	1	7 + 00	30 MPH
NO PARKING	R8-3a	24 x 24	0.080	4.0	1	A	12	1	8 + 30 LT.	
STREET NAME ASSEMBLY	D3-1	30 x 8	0.125	1.67	1	ROUND	10	1	TIPTON & JEFFERSONVILLE	NE CORNER W TIPTON ST JEFFERSONVILLE AV.
STREET NAME ASSEMBLY	D3-1	36 x 8	0.125	2.00	1					
SR 11 (S WALNUT ST)										
ROUTE MARKER	M3-3(S)	24 x 12	0.080	2.0	1	MAST ARM		1	8 + 35 Lt	SOUTH SIGN STRUCTURE NO. 5
ASSEMBLY	M1-6	24 x 24	0.080	4.0	1					SR 11
SPEED LIMIT	R2-1	24 x 30	0.080	5.0	1	B	13	1	9 + 00 Lt	30 MPH
NO PARKING	R8-3a	24 x 24	0.080	4.0	1	POLE MOUNT		1	8 + 35 Lt	MOUNT ON SIGN STRUCTURE NO. 5 POLE
NO PARKING	R8-3a	24 x 24	0.080	4.0	1	A	12	1	7 + 50 Lt	
NO PARKING	R8-3a	24 x 24	0.080	4.0	1	POLE MOUNT		1	8 + 35 Rt	MOUNT ON SIGN STRUCTURE NO. 5 POLE
NO PARKING	R8-3a	24 x 24	0.080	4.0	1	A	12	1	7 + 00 Rt	
STOP	R1-1	30 x 30	0.080	6.25	2	B	13	2	TIPTON & POPLAR	NW & SE CORNER (FIELD LOCATE)
STOP	R1-1	30 x 30	0.080	6.25	1	B	13	1	TIPTON & CARTER	SE CORNER (FIELD LOCATE)
STOP	R1-1	30 x 30	0.080	6.25	1	B	13	1	TIPTON & JEFF. AVE.	NW CORNER (FIELD LOCATE)

CONTINUED ON SHEET 23

PAVEMENT MARKING SCHEDULE

DESCRIPTION	STATIONS		SOLID	SKIP	LENGTH	LENGTH	LENGTH	LENGTH	EACH	EACH	EACH	REMARKS
	BEGIN	END										
U.S. 50 (W TIPTON ST) (CONT)												
LANE LINE	15+79	16+79	17.5' LT			100						
LANE LINE	15+79	16+79	6.5' LT			100						
DOUBLE YELLOW	15+79	16+79	6.5' RT					200				
LANE LINE	15+79	19+07			17.5' RT	90						
LANE LINE	17+09	19+15			17.5' LT	60						
YELLOW LINE	16+79	17+65	6.83' LT					86				
YELLOW LINE	16+79	17+65			6.17' LT			20				
YELLOW LINE	17+29	17+65			6.17' RT			20				
YELLOW LINE	17+29	17+65	6.83' RT					86				
ARROW	17+25										1	
STOP BAR	FIELD	LOCATE				75	10					CARTER ST (SOUTH APPROACH)
ARROW	18+40										1	
YELLOW LINE	18+15	19+09	6.83' LT					94				
YELLOW LINE	18+15	19+09			6.17' LT			30				
YELLOW LINE	18+15	19+09			6.17' RT			30				
YELLOW LINE	18+15	19+09	6.83' RT					94				
ARROW	18+90										1	
STOP BAR / CROSSWALK	FIELD	LOCATE				114	20				1	JEFFERSONVILLE AVE. (NORTH APPROACH)
LANE LINE	FIELD	LOCATE				50						
DOUBLE YELLOW	FIELD	LOCATE						100				
DIAGONAL LINES									62			SEE SHEET 21
R/R MARKING	FIELD	LOCATE								2		
SR 11 (S WALNUT ST)												
LANE LINE	8+70	9+50				80						LINE "B" SOUTH APPROACH
DOUBLE YELLOW	7+54	9+50						392				SOUTH APPROACH
TOTAL (This Sheet)						669	30	1152	62	2	1	5
TOTALS						3240	309	2872	62	2	12	27

TRAFFIC SIGN SCHEDULE... Continued

SIGN DESCRIPTION	CODE	SIZE	THICKNESS	AREA SIGN	QTY	TYPE OF POST/BACKET	LEN-GTH	QTY	LOCATION	REMARKS
LANE CONTROL	R3-5-A(L)	36x48	0.100	12.0	1	MAST ARM		1		SIGN STRUCTURE NO. 5
ROUTE	M3-4(S)	24x12	0.080	2.0	1	MAST ARM		1		WEST
MARKER	M1-4	24x24	0.080	4.0	1					US 50
ASSEMBLY	M5-1(L)(S)	21x15	0.080	2.19	1					
LANE CONTROL	R3-6-A(R)	36x48	0.100	12.0	1	MAST ARM		1		
ROUTE	M3-2(S)	24x12	0.080	2.0	1	MAST ARM		1		EAST
MARKER	M1-4	24x24	0.080	4.0	1					US 50
ASSEMBLY	M5-1(R)(S)	21x15	0.080	2.19	1					
ROUTE	M4-5(I)	24x12	0.080	2.0	1	MAST ARM		1		TO
MARKER	M1-1	24x24	0.080	4.0	1					I-65
ASSEMBLY	M5-1(R)(I)	21x15	0.080	2.19	1					
ROUTE	M3-1(S)	24x12	0.080	2.0	1	MAST ARM		1		NORTH
MARKER	M1-6	24x24	0.080	4.0	1					SR 11
ASSEMBLY	M5-1(R)(S)	21x15	0.080	2.19	1					

