

Exhibit B-64: Grip Road Beacon Plan Sheet 1

LEGEND

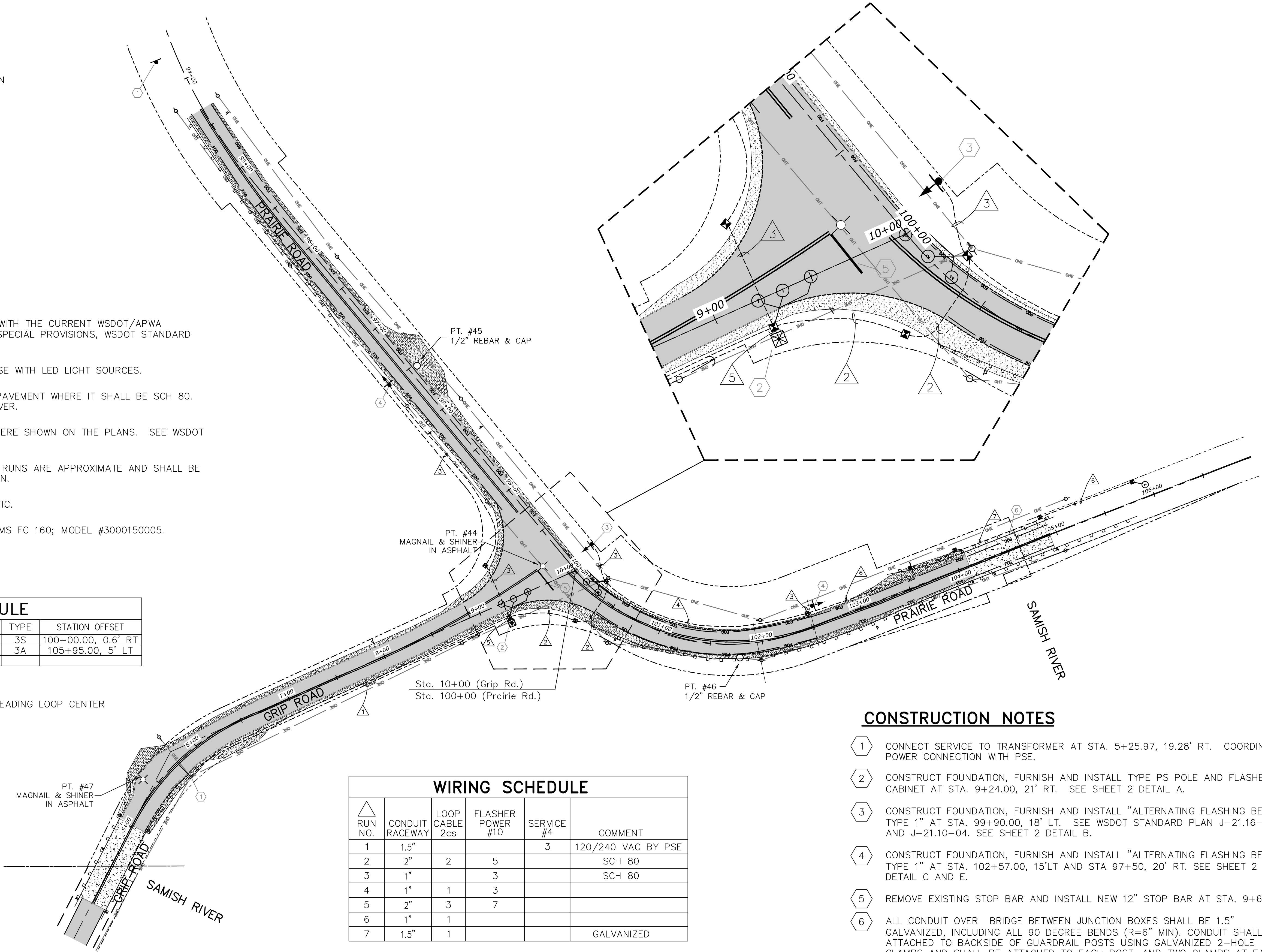
- TYPE 1 JUNCTION BOX
- FLASHER CABINET AND FOUNDATION
- FLASHER
- WIRE NOTE
- CONSTRUCTION NOTE
- SIGN
- CONDUIT RUN
- ROW
- 6' DIAMETER LOOP

GENERAL NOTES

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CURRENT WSDOT/APWA STANDARD SPECIFICATIONS, SKAGIT COUNTY SPECIAL PROVISIONS, WSDOT STANDARD PLANS, AND THESE PLANS.
- FLASHING BEACON SHALL HAVE 12 INCH LENSE WITH LED LIGHT SOURCES.
- CONDUIT SHALL BE SCH 40 UNLESS UNDER PAVEMENT WHERE IT SHALL BE SCH 80. ALL CONDUIT SHALL HAVE 24 INCHES OF COVER.
- ALL VEHICLE DETECTION LOOPS SHALL BE WHERE SHOWN ON THE PLANS. SEE WSDOT STANDARD PLAN J-50.12-00.
- ALL JUNCTION BOX LOCATIONS AND CONDUIT RUNS ARE APPROXIMATE AND SHALL BE APPROVED BY ENGINEER BEFORE INSTALLATION.
- STOP BAR MATERIAL SHALL BE THERMOPLASTIC.
- FLASHER CABINET SHALL BE WESTERN SYSTEMS FC 160; MODEL #3000150005. BRACKETS ARE MODEL 3610015000.

LOOP SCHEDULE					
LOOP#	TYPE	STATION OFFSET	LOOP#	TYPE	STATION OFFSET
1	3S	9+50.00, 0' RT	2	3S	100+00.00, 0.6' RT
			3	3A	105+95.00, 5' LT

NOTE:
STATION AND OFFSET REFERENCED TO THE LEADING LOOP CENTER POINT FOR ALL TYPE 3S LOOPS.



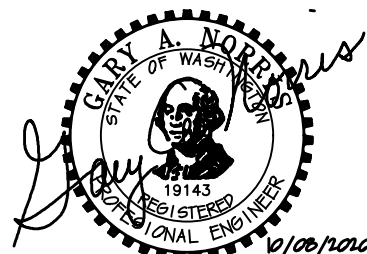
WIRING SCHEDULE					
△ RUN NO.	CONDUIT RACEWAY	LOOP CABLE 2cs	FLASHER POWER #10	SERVICE #4	COMMENT
1	1.5"			3	120/240 VAC BY PSE
2	2"	2	5		SCH 80
3	1"		3		SCH 80
4	1"	1	3		
5	2"	3	7		
6	1"	1			
7	1.5"	1			GALVANIZED

CONSTRUCTION NOTES

- CONNECT SERVICE TO TRANSFORMER AT STA. 5+25.97, 19.28' RT. COORDINATE POWER CONNECTION WITH PSE.
- CONSTRUCT FOUNDATION, FURNISH AND INSTALL TYPE PS POLE AND FLASHER CABINET AT STA. 9+24.00, 21' RT. SEE SHEET 2 DETAIL A.
- CONSTRUCT FOUNDATION, FURNISH AND INSTALL "ALTERNATING FLASHING BEACON TYPE 1" AT STA. 99+90.00, 18' LT. SEE WSDOT STANDARD PLAN J-21.16-01 AND J-21.10-04. SEE SHEET 2 DETAIL B.
- CONSTRUCT FOUNDATION, FURNISH AND INSTALL "ALTERNATING FLASHING BEACON TYPE 1" AT STA. 102+57.00, 15'LT AND STA 97+50, 20' RT. SEE SHEET 2 DETAIL C AND E.
- REMOVE EXISTING STOP BAR AND INSTALL NEW 12" STOP BAR AT STA. 9+66.74.
- ALL CONDUIT OVER BRIDGE BETWEEN JUNCTION BOXES SHALL BE 1.5" GALVANIZED, INCLUDING ALL 90 DEGREE BENDS (R=6" MIN). CONDUIT SHALL BE ATTACHED TO BACKSIDE OF GUARDRAIL POSTS USING GALVANIZED 2-HOLE CLAMPS AND SHALL BE ATTACHED TO EACH POST, AND TWO CLAMPS AT EACH RISER 16" OC. SEE SHEET 2 DETAIL D.

DN TRAFFIC CONSULTANTS
P.O. box 547 Preston, WA 98050
425.765.5721

COPYRIGHT 2020
SEMRAU ENGINEERING & SURVEYING, PLLC
CIVIL ENGINEERING • LAND SURVEYING • PLANNING
2118 RIVERSIDE DRIVE - SUITE 208
MOUNT VERNON, WA 98273
360-424-9566



NO.	DATE	REVISION	BY	REV.

PRAIRIE RD & GRIP RD
INTERSECTION TRAFFIC
IMPROVEMENTS

SCALES:
HORIZONTAL: 1" = 50'
VERTICAL : N/A
NOTE: IF THIS SHEET IS LESS THAN 22"x 34" THEN SHEET HAS BEEN REDUCED

CONCRETE NOR'WEST
GRIP ROAD GRAVEL MINE
SECTION 4, T. 35 N., R. 4 E., W.M.
SKAGIT COUNTY, WASHINGTON

FIELD BK/PG:
DATE: 8/27/20
DRAWING: 5166FBD.DWG
JOB NO.: 5166
SHEET: 1