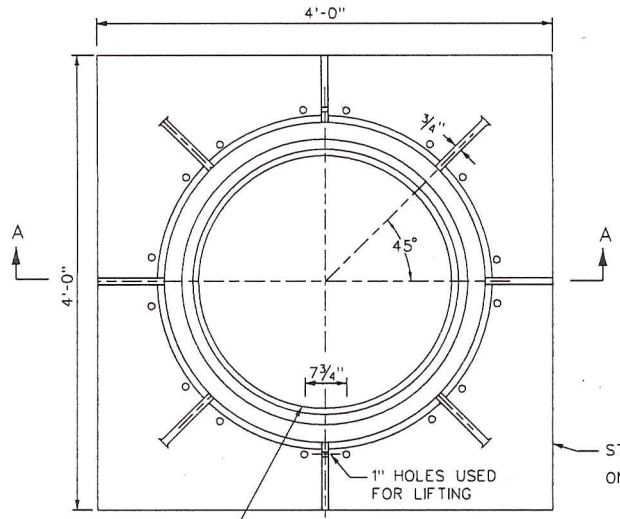
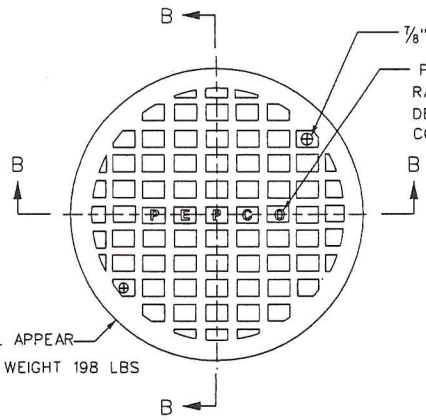
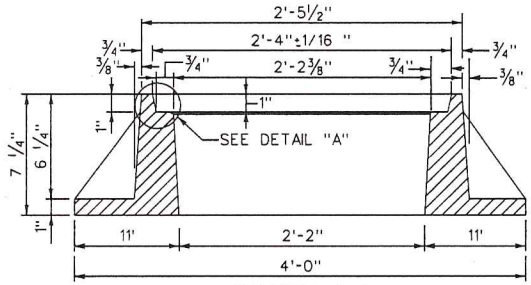


STOCK NO 2106-24 SHALL APPEAR ON THE CASTING. APPROX. WEIGHT 820 LBS

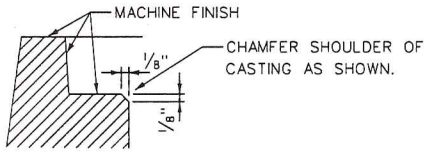


NOTES:

1. ALL CASTINGS SHALL CONFORM TO STANDARD SPECIFICATIONS FOR GRAY IRON CASTINGS. A.S.T.M. DESIGNATION "A-48-83" CLASS 25 TOGETHER WITH LATEST REVISIONS THEREOF.
2. EACH CASTING SHALL BE IDENTIFIED WITH THE MANUFACTURERS NAME OR LOGO.
3. CASTINGS SHALL BE FREE FROM SAND OR BLOW HOLES AND SHARP EDGES.
4. WITH EXCEPTION ONLY TO NOTED TOLERANCES, NO DIMENSION SHALL EXCEED ± 1/16"/FT.

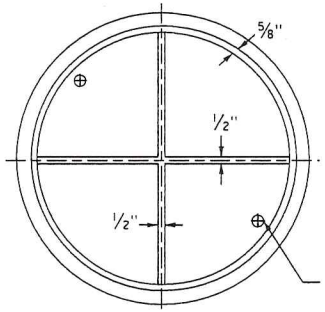


SECTION A-A

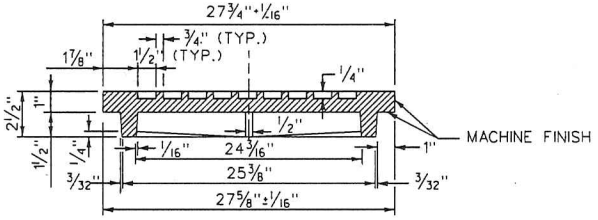


DETAIL "A"

TOP



BOTTOM



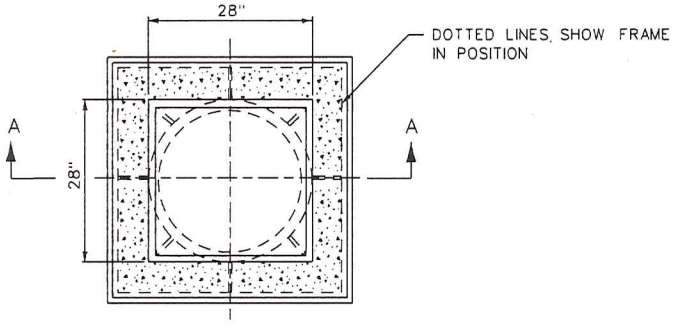
SECTION B-B

ISSUED: 8/2015	RECOMMENDED: PROJECT MANAGER
REVISION / APPROVAL	APPROVED: Mohammed Khalid CHIEF ENGINEER

TRAFFIC SIGNAL 28" MANHOLE FRAME AND COVER - PEPCO

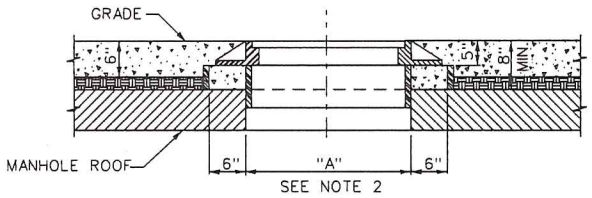
d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION

DWG. NO. 613.22



PLAN SHOWING FRAME REMOVED

PLAN

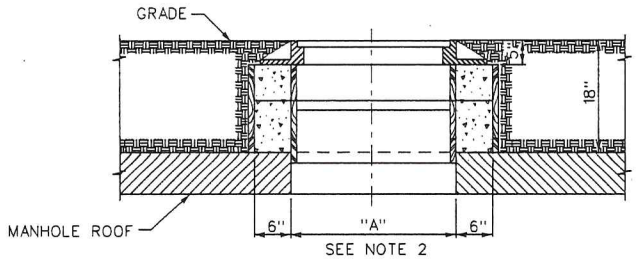


SECTION A-A

SIDEWALK FRAME-LEVEL GRADE

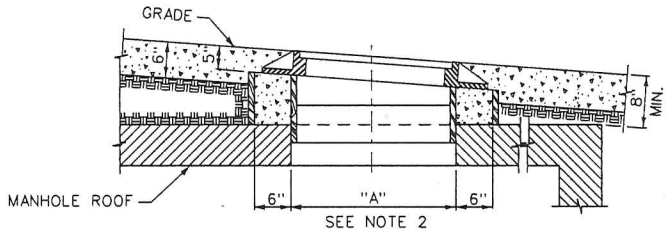
NOTES:

1. FOR ROADWAY FRAME IN INCLINED GRADES USE DIMENSIONS SHOWN FOR ROADWAY FRAME, LEVEL GRADES, AND CONSTRUCTION AS SHOWN FOR SIDEWALK FRAME, INCLINED GRADE.
2. DIMENSION "A"
   28" FOR SINGLE COVER & FRAME
   40" FOR DOUBLE COVER & FRAME
3. REMOVE FORMS AFTER SETTING FRAME AND GRATINGS.



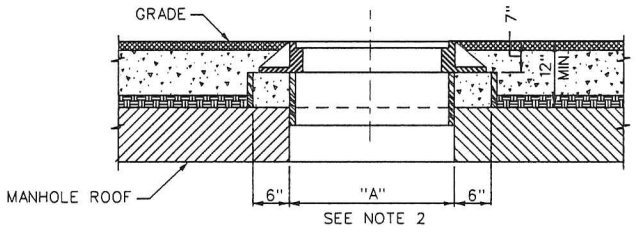
SECTION A-A

SIDEWALK FRAME IN LAWNS



SECTION A-A

SIDEWALK FRAME-INCLINED GRADE



SECTION A-A

ROADWAY FRAME-LEVEL GRADE

ISSUED: 8/2015	
REVISION	APPROVAL

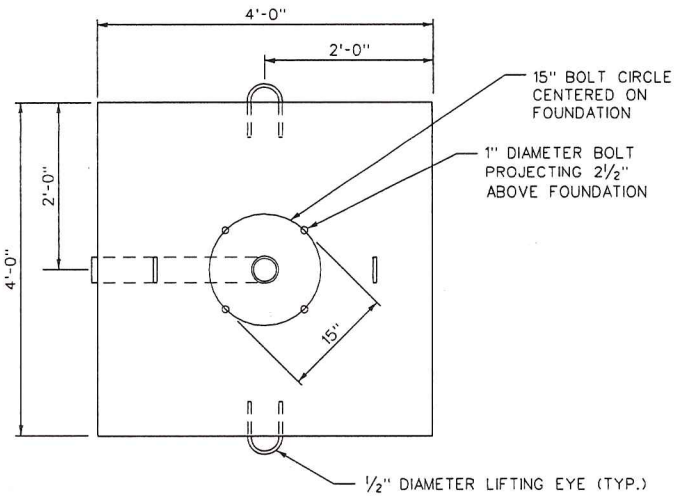
RECOMMENDED: _____ PROJECT MANAGER

APPROVED: Mohammed Khalid CHIEF ENGINEER

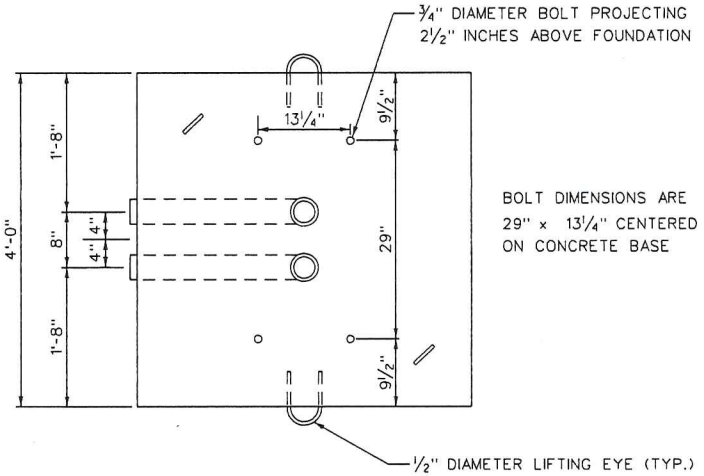
TRAFFIC SIGNAL DISTRICT MANHOLE FRAME AND COVER INSTALLATION - PEPCO

d. DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

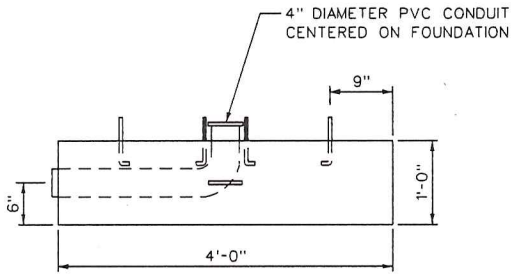
DWG. NO. 613.23



TOP VIEW

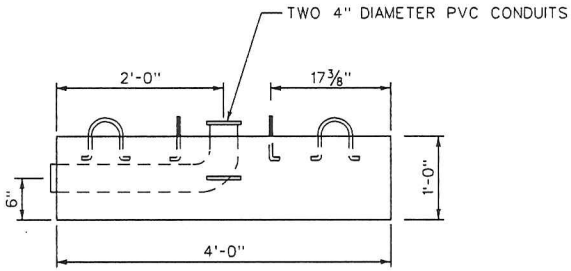


TOP VIEW



FRONT VIEW

TEMPORARY PORTABLE CONCRETE BASE FOR STEEL TRAFFIC SIGNAL POLE



FRONT VIEW

TEMPORARY PORTABLE CONCRETE BASE FOR TRAFFIC SIGNAL CONTROLLER

NOTES:

1. THE PCC CONCRETE COMPRISING BOTH TEMPORARY PORTABLE CONCRETE BASES SHALL BE CLASS F AND CONFORM WITH THE PROVISIONS OF DDOT STD. SPECIFICATION 817.
2. AN ADAPTOR BASE SHALL BE USED WHEN IT IS NECESSARY TO PLACE A CONTROLLER OR A COMMUNICATIONS TERMINATION CABINET ON A TEMPORARY PORTABLE CONCRETE BASE.

ISSUED: 8/2015	
REVISION	APPROVAL

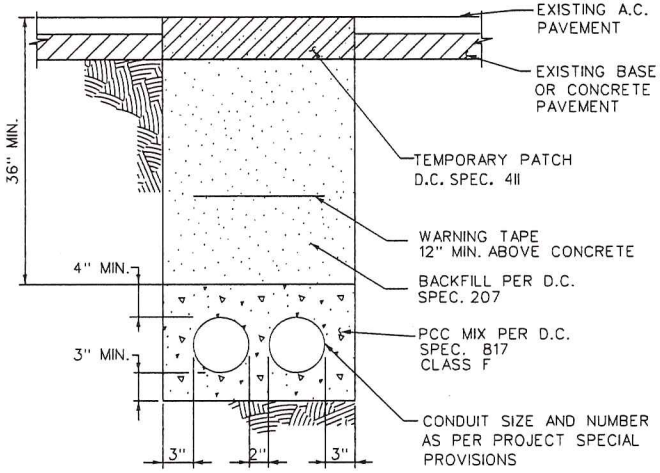
RECOMMENDED: _____ PROJECT MANAGER

APPROVED: Muhammed Khalid CHIEF ENGINEER

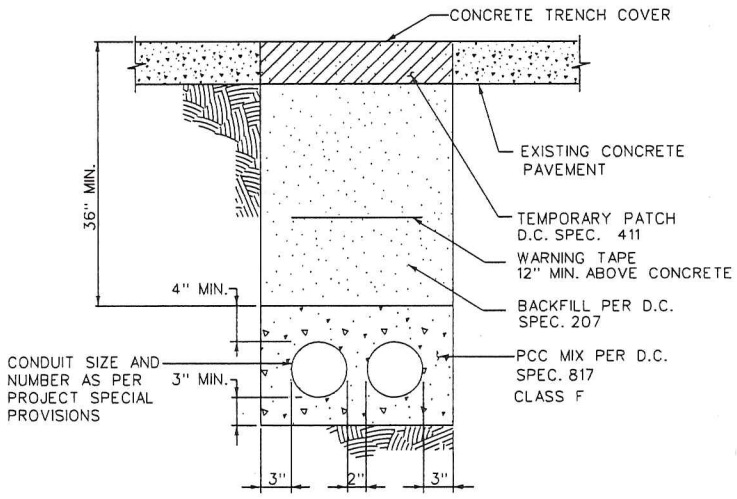
TRAFFIC SIGNAL PORTABLE CONCRETE BASE

d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION

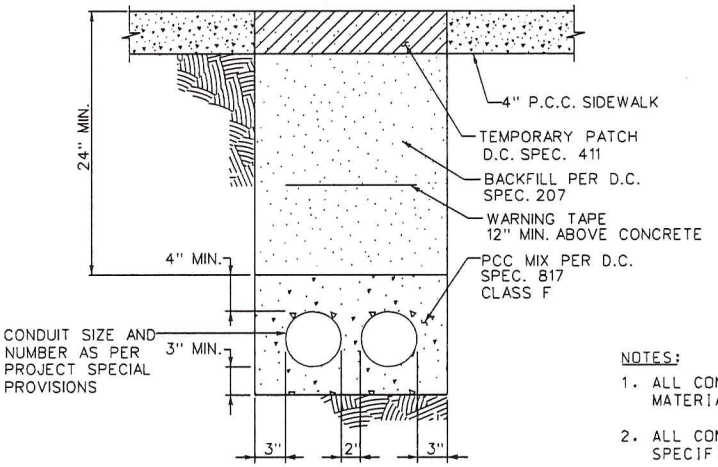
DWG. NO. 613.24



CONDUIT INSTALLATION
ASPHALT CONCRETE SURFACED STREETS



CONDUIT INSTALLATION
PCC SURFACED STREETS



CONDUIT INSTALLATION
UNDER SIDEWALK

NOTES:

1. ALL CONDUIT SHALL BE COMPOSED OF POLYVINYLCHLORIDE (PVC) MATERIAL, UNLESS OTHERWISE SPECIFIED IN PROJECT PLANS.
2. ALL CONDUIT SHALL CONFORM WITH THE PROVISIONS IN DDOT STD. SPECIFICATION 614.12.
3. THIS DRAWING SUPPLEMENTS SPECIFIC PROJECT PLANS AND SPECIAL PROVISIONS, AS APPLICABLE.
4. ALL CONDUIT SHALL BE PVC TYPE 40 UNLESS OTHERWISE SPECIFIED.
5. TRENCH SURFACE REPAIR DETAIL, SEE STD. DWG. 207.01.
6. THIS DRAWING COULD ALSO BE USED FOR STREETLIGHT IN SECTION 614.

ISSUED: 8/2015	
REVISION	APPROVAL

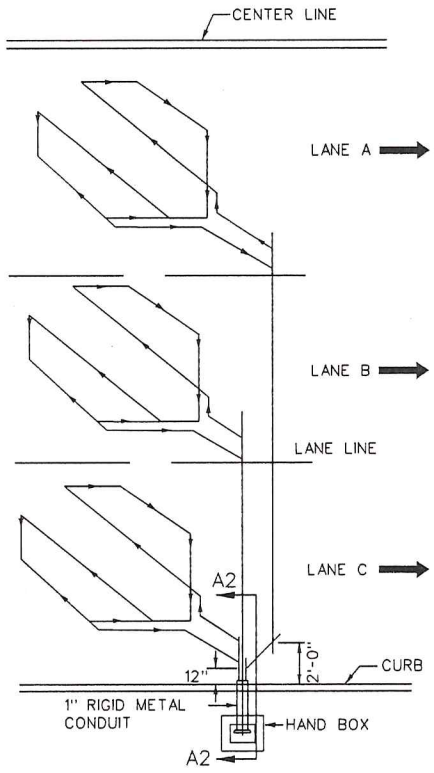
RECOMMENDED: _____ PROJECT MANAGER

APPROVED: Muhammed Khalid CHIEF ENGINEER

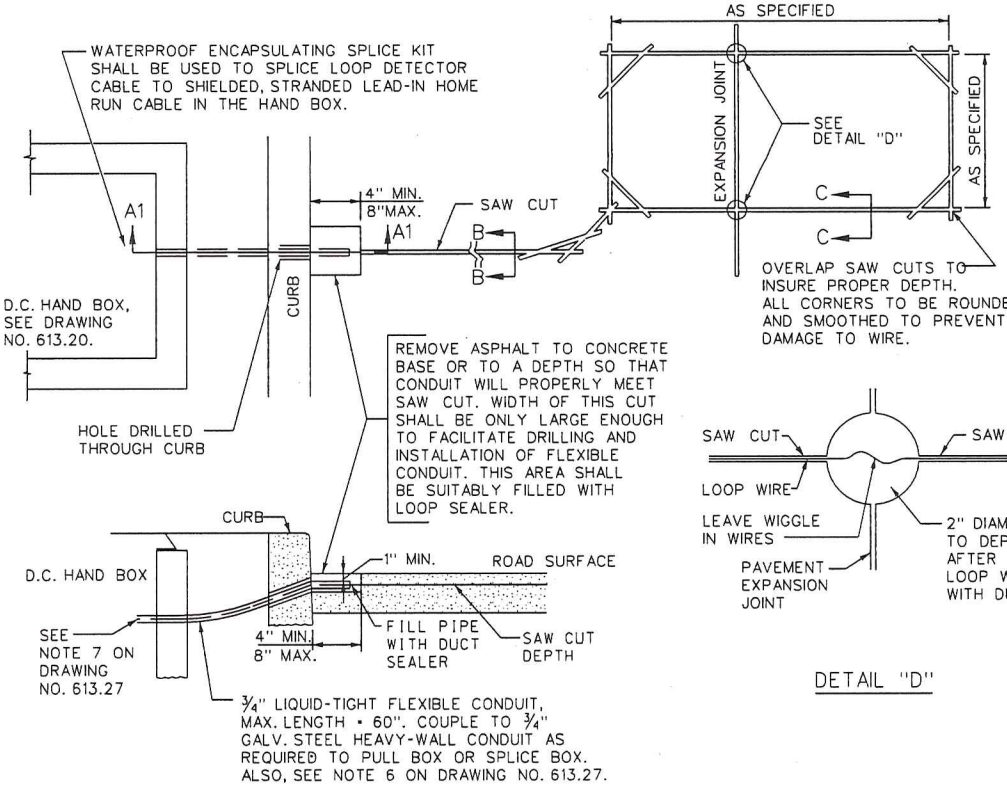
ELECTRICAL CONDUIT INSTALLATION DETAILS

d. DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

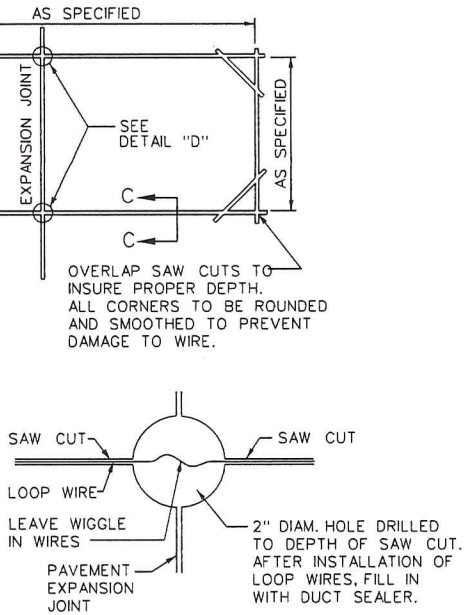
DWG. NO. 613.25



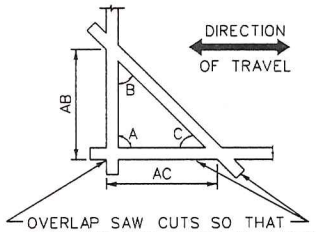
LOOP FEEDER LAYOUT



SECTION A1-A1



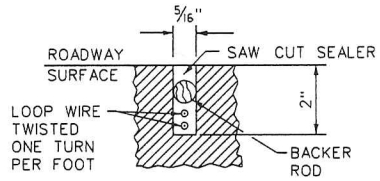
DETAIL "D"



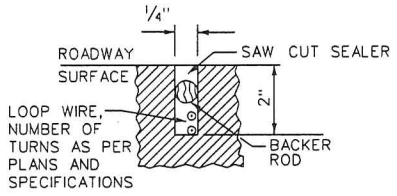
CORNER CUT DETAILS

NOTES:

1. FOR ANY ANGLE A, ANGLE B SHALL ALWAYS BE EQUAL TO ANGLE C. THIS IS DONE BY ENSURING THAT DISTANCE AB ALWAYS EQUALS DISTANCE AC.
2. AB & AC ARE TYPICALLY 1'-6".

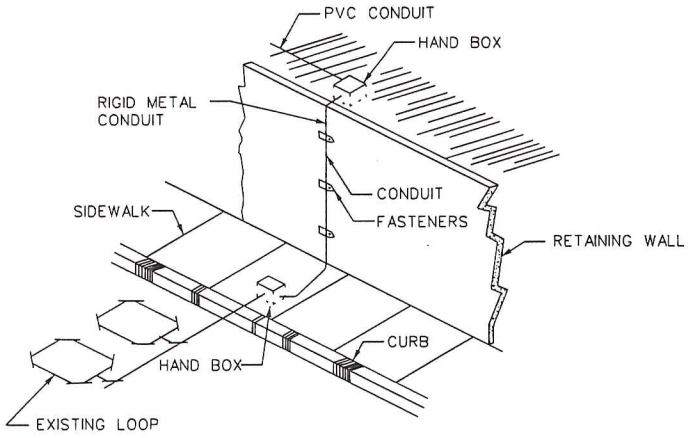


SECTION B-B

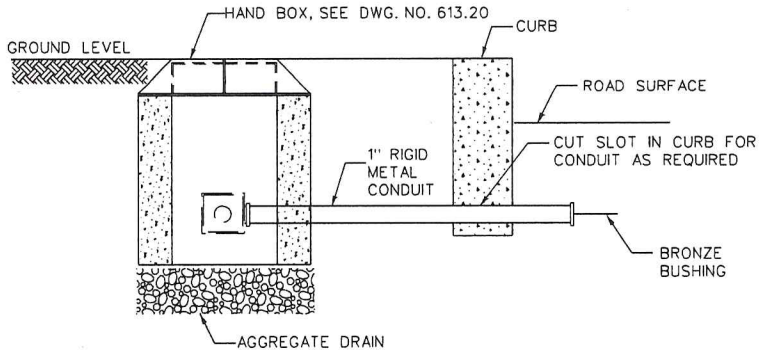


SECTION C-C

ISSUED: 8/2015	RECOMMENDED: PROJECT MANAGER	TRAFFIC SIGNAL LOOP DETECTOR INSTALLATION DETAILS - 1	DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION
REVISION / APPROVAL	APPROVED: Muhammed Khalid CHIEF ENGINEER		DWG. NO. 613.26



DETAIL - CONDUIT ON RETAINING WALL



SECTION A2-A2
SEE DWG. 613.26

NOTE:
CONSULT PROJECT PLANS AND PROJECT SPECIAL PROVISIONS. FOR ADDITIONAL DETAILS SEE DWG. NO. 613.20

NOTES:

1. FLEXIBLE CONDUIT SHALL BE INSTALLED SO THAT IT RECEIVES THE LOOP WIRES ON A STRAIGHT ANGLE (LOOP WIRES SHALL BE INSTALLED IN BOTTOM OF SAW CUT.)
2. THE HOLE TO RECEIVE THE FLEXIBLE CONDUIT SHALL BE SUFFICIENTLY BELOW THE ROADWAY SURFACE SO THAT THERE IS A MIN. OF ONE-INCH COVER ON TOP OF THE FLEXIBLE CONDUIT WHEN INSTALLED.
3. IF THERE IS INSUFFICIENT ASPHALT COVER TO ACCOMPLISH THE ABOVE, A PORTION OF THE CONCRETE BASE SHALL BE REMOVED BEFORE DRILLING.
4. WHEN THERE IS A CONCRETE ROAD AT THE CURB, A SUFFICIENT AMOUNT OF THE ROADWAY SHALL BE REMOVED BEFORE DRILLING THROUGH CURB.
5. IN NO CASE SHALL A LARGE PORTION OF THE ROADWAY SURFACE BE REMOVED. THIS REMOVED PORTION OF ROADWAY SHALL BE FILLED WITH LOOP SEALER.
6. WHENEVER GRANITE CURB IS ENCOUNTERED, NO DRILLING WILL BE PERMITTED; INSTEAD USE CURB JOINTS, AS DIRECTED BY ENGINEER.
7. THE START OF THE WIRE LOOP SHALL BE MARKED WITH COLORED TAPE IN THE HAND BOX AND SHALL BE CONNECTED TO THE BLACK WIRE OF THE SHIELDED HOME RUN CABLE TO THE CONTROLLER.
8. LOOP DETECTOR CABLE SLOT SEALANT AND AMPLIFIERS (IF REQUIRED) SHALL CONFORM WITH DDOT STD. SPECIFICATION, SECTION 819.
9. LOOP DETECTOR CONTINUITY SHALL BE ASCERTAINED AFTER INSTALLATION. LOOPS FAILING THE MEGGAR TEST WILL BE RECUT UNTIL THEY PASS THE TEST.
10. WHEN APPLICABLE, LOOP DETECTORS SHALL BE CUT IN THE PCC BASE BEFORE ASPHALT IS LAID. NOTE 9 SHALL BE SATISFIED BEFORE AND AFTER THE SURFACE COURSE IS APPLIED. LOOPS FAILING MEGGAR TEST SHALL BE RECUT PREFERRABLY IN THE PCC BASE OR IN THE SURFACE COURSE ONLY WHEN NECESSARY.

ISSUED: 8/2015	
REVISION	APPROVAL

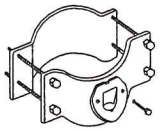
RECOMMENDED: _____ PROJECT MANAGER

APPROVED: Muhammed Khalid CHIEF ENGINEER

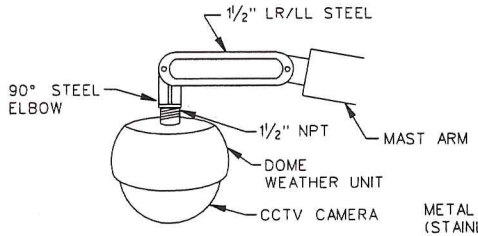
TRAFFIC SIGNAL LOOP DETECTOR INSTALLATION DETAILS - 2

d. DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

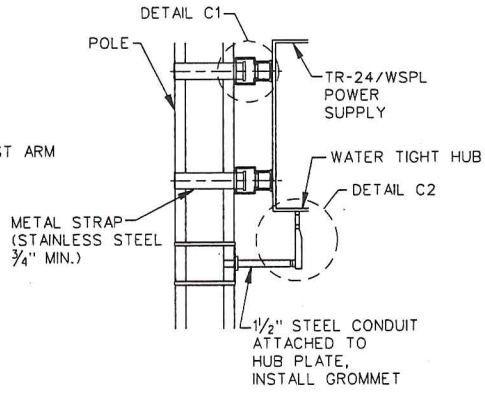
DWG. NO. 613.27



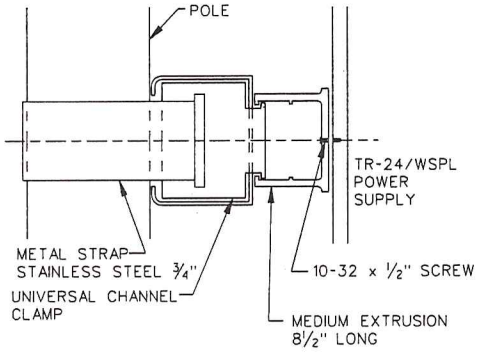
DETAIL A



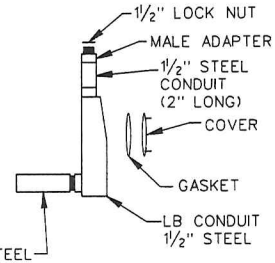
DETAIL B



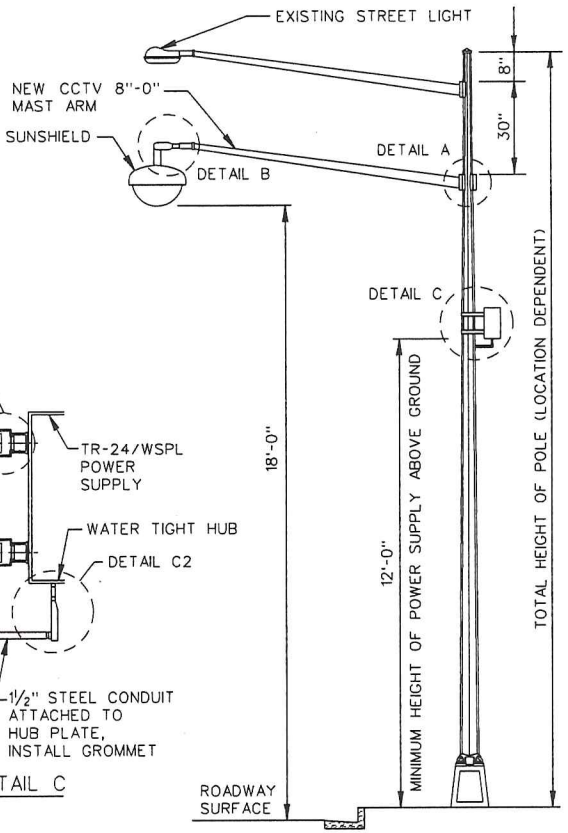
DETAIL C

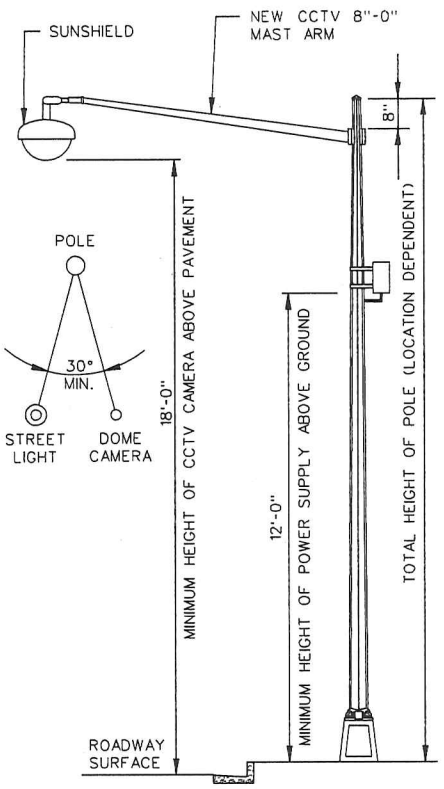


DETAIL C1



DETAIL C2





CCTV INSTALLATION NOTES

1. RUN ALL WIRING INSIDE THE POLE AND PROVIDE STRAIN RELIEF AND SUPPORT FOR ALL POWER AND CAMERA CONTROL CABLES.
2. THE 1½" LB CONDUIT SHALL BE ATTACHED TO A THREADED MAST ARM BY 1½" x 6" NIPPLE. THE THREADED MAST ARM SHALL BE MANUFACTURED AS PER DDOT STANDARD SPECIFICATION, SECTION 614. ALL CONNECTIONS IN THE FIELD SHALL BE WATER TIGHT. THIS NIPPLE SHALL BE WELDED TO THE END OF THE 8 FT. STEEL SINGLE MEMBER MAST ARM. 1½" OF THREADS SHALL PROTRUDE FROM THE END OF MAST ARM FOR MOUNTING OF LB CONDUIT AND CAMERA HARDWARE.
3. WEATHER DOME SHALL BE MOUNTED AS IS SHOWN IN THE CONTRACT PLANS.
4. THE FOLLOWING SURFACES SHALL BE SEALED WITH SILICON TYPE SEALANT:
   A. THREADED CONNECTIONS.
   B. MATING SURFACE OF COVER TO GASKET AND CONDUIT BODY.
5. ALL METALLIC SURFACES SHALL BE PRIMED AND PAINTED BLACK TO MATCH DDOT STANDARD SPECIFICATION, SECTION 610.
6. STAINLESS STEEL SIGNAL BRACKET ASTRO-BRACKET SHALL BE USED TO ATTACH THE CAMERA DOME ON MAST ARMS LONGER THAN 8 FT.

ISSUED: 8/2015	
REVISION	APPROVAL

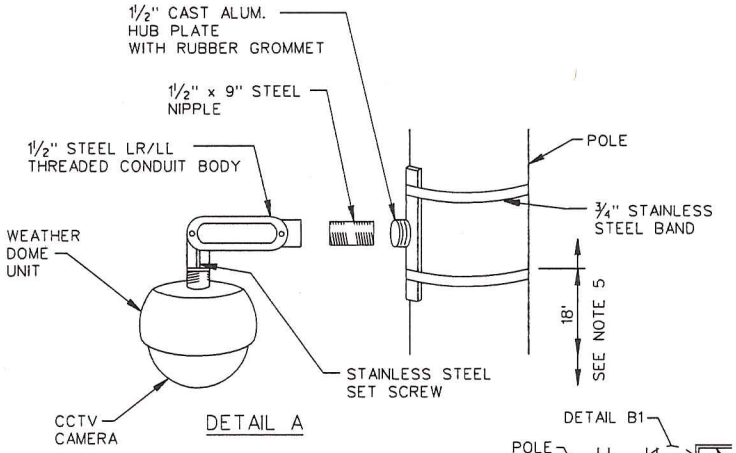
RECOMMENDED: _____ PROJECT MANAGER

APPROVED: Muhammed Kholid CHIEF ENGINEER

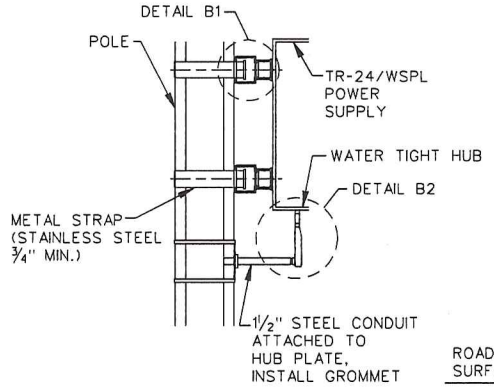
CCTV
TYPICAL INSTALLATION DETAIL
MAST ARM MOUNT

d. DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

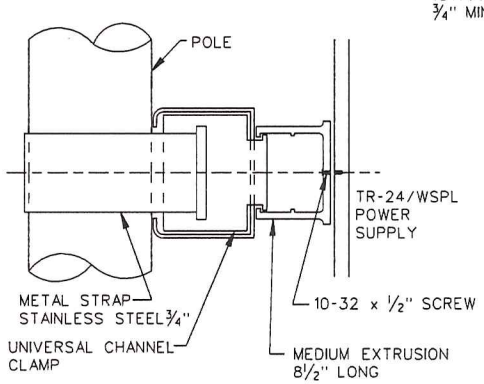
DWG. NO. 613.28



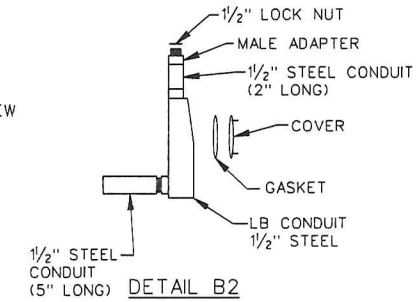
DETAIL A



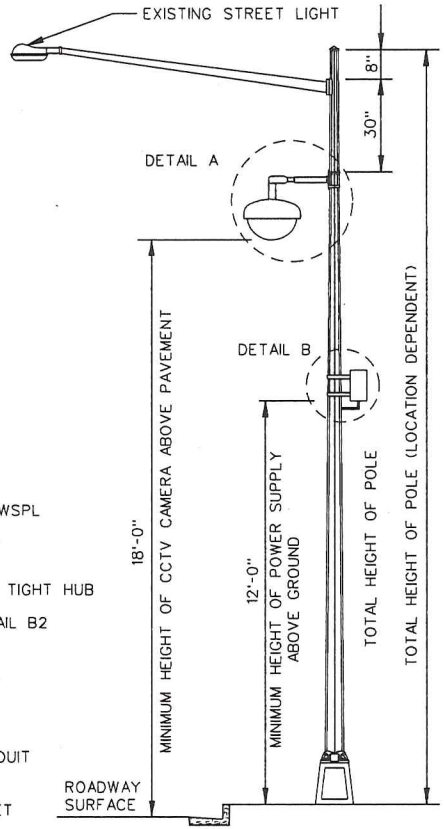
DETAIL B

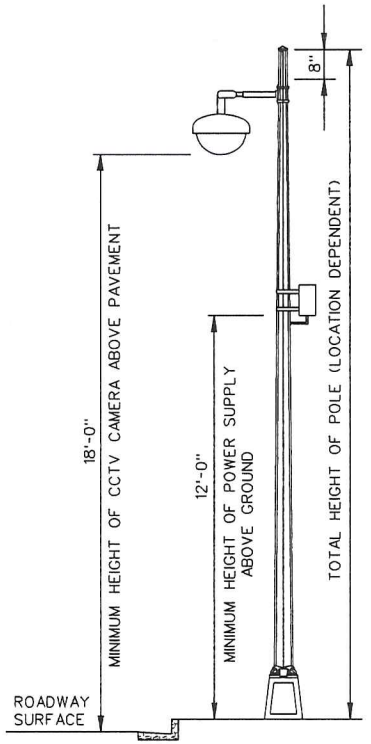


DETAIL B1



DETAIL B2





CCTV INSTALLATION NOTES

1. RUN ALL WIRING INSIDE THE POLE AND PROVIDE STRAIN RELIEF AND SUPPORT FOR ALL POWER AND CAMERA CONTROL CABLES.
2. THE FOLLOWING SURFACES SHALL BE SEALED WITH SILICON TYPE SEALANT:
   A. THREADED CONNECTIONS.
   B. MATING SURFACE OF COVER TO GASKET AND CONDUIT BODY.
3. HUB PLATE, NIPPLE AND CONDUIT BODY ARE TO BE PAINTED BLACK TO MATCH DDOT STANDARD SPECIFICATION, SECTION 614.
4. CONTRACTOR SHALL DRILL 1¼" DIA. HOLE INTO POLE AT POWER SUPPLY FOR ELECTRICAL CONNECTIONS. REAM HOLE OF BURRS. INSTALL GROMMET.
5. HEIGHT OF DOME SHALL BE NOT LESS THAN 18 FT. ABOVE PAVEMENT.

ISSUED: 8/2015	
REVISION	APPROVAL

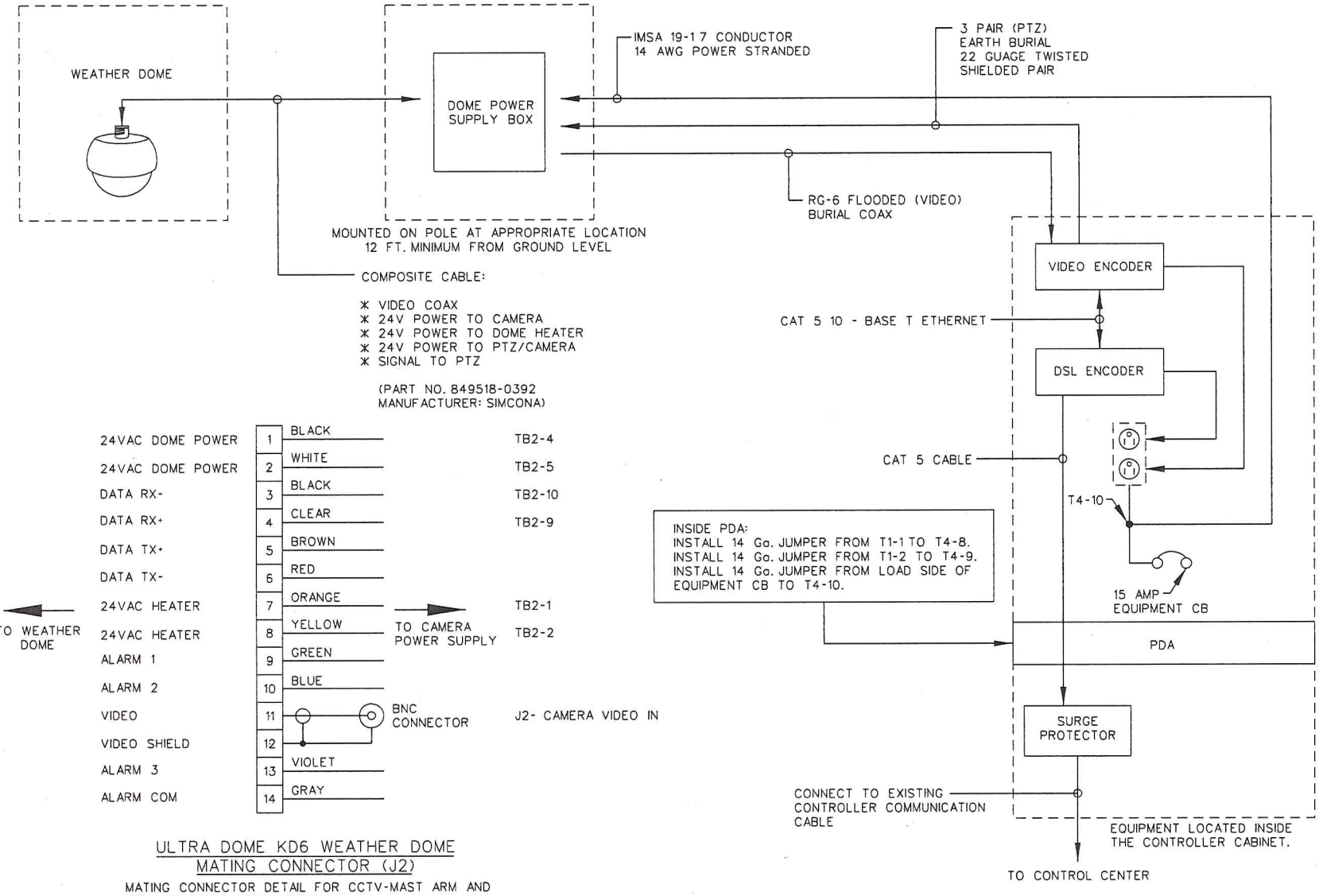
RECOMMENDED: _____ PROJECT MANAGER

APPROVED: Muhammed Khalid CHIEF ENGINEER

CCTV TYPICAL INSTALLATION DETAIL POLE MOUNT

d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION

DWG. NO. 613.29



ULTRA DOME KD6 WEATHER DOME
MATING CONNECTOR (J2)

MATING CONNECTOR DETAIL FOR CCTV-MAST ARM AND POLE MOUNTING ARRANGEMENT

ISSUED: 8/2015	
REVISION	APPROVAL

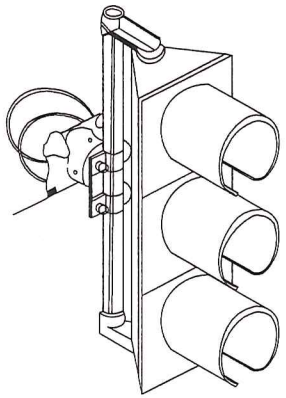
RECOMMENDED: _____ PROJECT MANAGER

APPROVED: Muhammed Khalid CHIEF ENGINEER

CCTV
TYPICAL INSTALLATION DETAIL
COMMUNICATION SCHEMATIC

d. DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

DWG. NO. 613.30

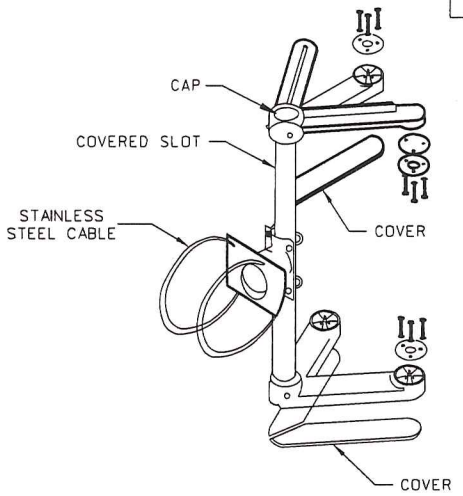


NOTES:

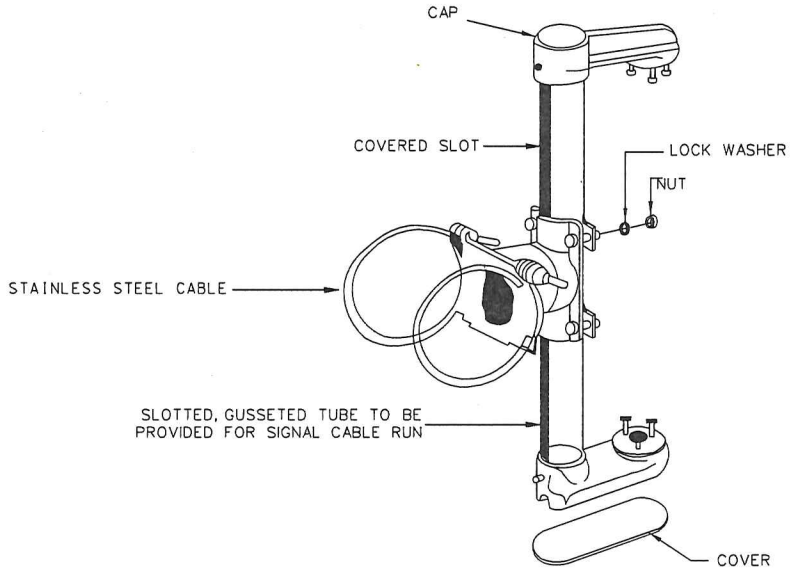
SIGNAL HEAD CABLES SHALL BE CONTINUOUS FROM THE CONTROLER TO THE NEAREST SIGNAL HEAD TO WHICH IT APPLIES EXCEPT CABLE TERMINATIONS MAY BE ALLOWED ON THE POLE TERMINAL STRIP WHEN REQUIRED BY THE PLANS. THE CABLE SHALL ALSO BE CONTINUOUS FROM THE FIRST SIGNAL HEAD TO ANY ADDITIONAL HEADS WITH TERMINATION ON THE TERMINALS WITHIN THE SIGNAL HEAD HOUSING.

POLE AND HANGER ASSEMBLY
HARDWARE REQUIREMENTS

POLE TYPE	HARDWARE TYPE
GALVANIZED STEEL	ALUMINUM OR GALVANIZED IRON
STEEL PAINTED ALUMINUM	ALUMINUM, GALVANIZED IRON OR IRON PAINTED ALUMINUM
STEEL PAINTED OTHER THAN ALUMINUM	ALUMINUM OR IRON PAINTED TO MATCH POLE



5 SECTION CLUSTER MOUNTING DETAIL



RIGID MAST ARM MOUNTING DETAILS

ISSUED: 8/2015	
REVISION	APPROVAL

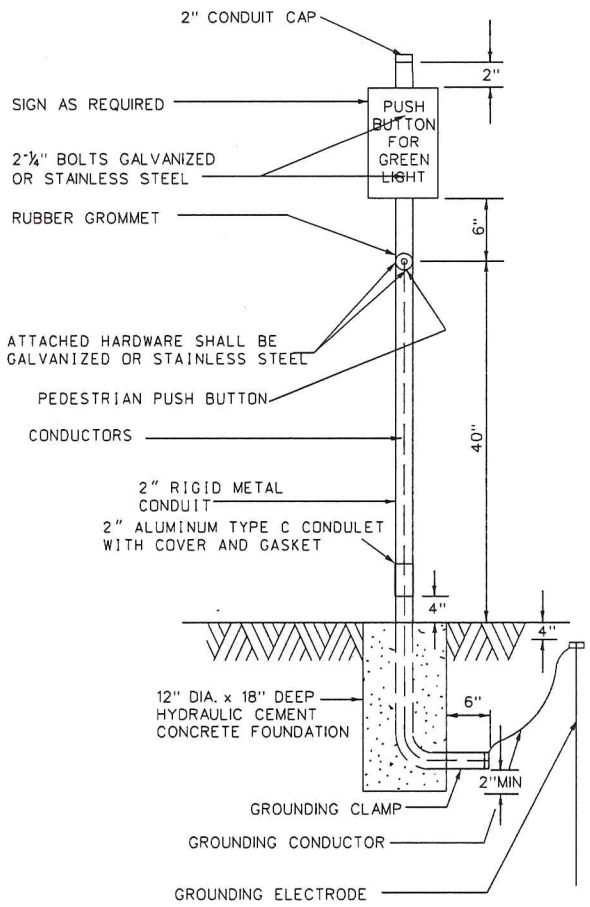
RECOMMENDED: _____ PROJECT MANAGER

APPROVED: Muhammed Khalid CHIEF ENGINEER

MAST ARM MOUNTING DETAIL

d. DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

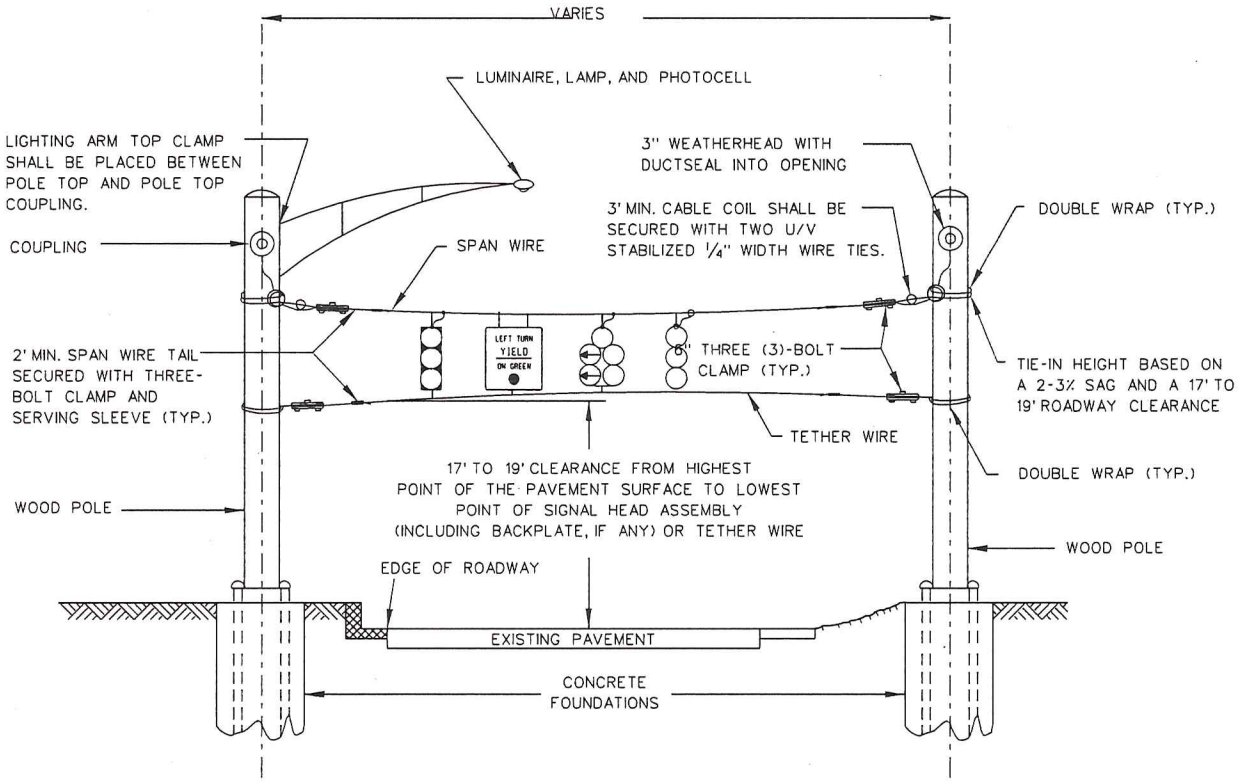
DWG. NO. 613.31

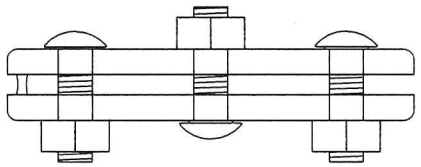


PA-3

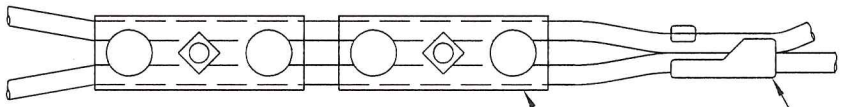
METAL

ISSUED: 8/2015	RECOMMENDED: Adil Rizvi PROJECT MANAGER	PEDESTRAIN ACTUATION DETAILS	d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION
REVISION / APPROVAL	APPROVED: Mohammed Kholid CHIEF ENGINEER		DWG. NO. 613.32





3-BOLT CLAMP



SPAN WIRE ASSEMBLY

NOTES:

1. SPAN WIRE RINGS SHALL BE 3" MIN. DIA. OR MAX. 50% FILL (WHICHEVER IS LARGER) AND HAVE 8" MAX. SPACING.
2. SPAN WIRE MOUNTED, OPTICALLY PROGRAMMED SIGNAL HEADS, FIVE (5) SECTION SIGNAL HEADS, ALL POLYCARBONATE SIGNAL HEADS, AND SIGNS GREATER THAN 36" x 42" SHALL BE BOTTOM TETHERED WITH 1/4" SPAN WIRE.
3. POLES SHALL BE RAKED AS SPECIFIED BY THE PROJECT ENGINEER.
4. POLE PLACEMENT FOR:
   A. CLOSED SECTION - MIN. OF 2' FROM THE FACE OF THE POLE TO THE FACE OF THE CURB.
   B. OPEN SECTION - MIN. OF 6' FROM THE FACE OF THE POLE TO THE ROAD EDGE PAVEMENT MARKING.
5. SPAN WIRE SHALL BE PLACED UNDER ALL RISERS.
6. SPAN WIRE SHALL BE 3/8" SEVEN (7)-WIRE GAL. STEEL STRAND. (STRENGTH SHALL BE SIEMENS-MARTIN 6.950 LBS.)
7. TETHER WIRE SHALL BE 1/4" SEVEN (7)-WIRE GAL. STEEL STRAND. (STRENGTH SHALL BE SIEMENS-MARTIN 3.150 LBS.)
8. TWO (2) THREE-BOLT CLAMPS SHALL BE USED FOR SPANS GREATER THAN 150 FEET.

ISSUED: 8/2015	
REVISION	APPROVAL

RECOMMENDED: _____ PROJECT MANAGER

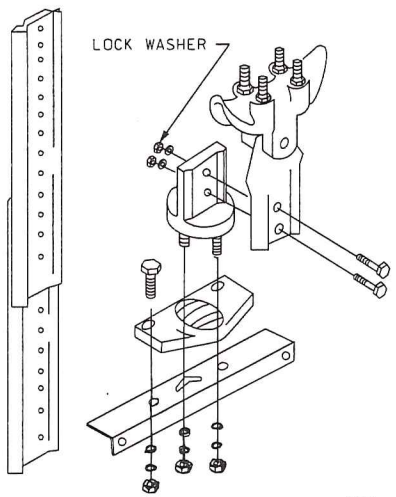
APPROVED: Muhammed Khalid CHIEF ENGINEER

PLACEMENT OF WOOD POLE AND INCIDENTAL HARDWARE

d. DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

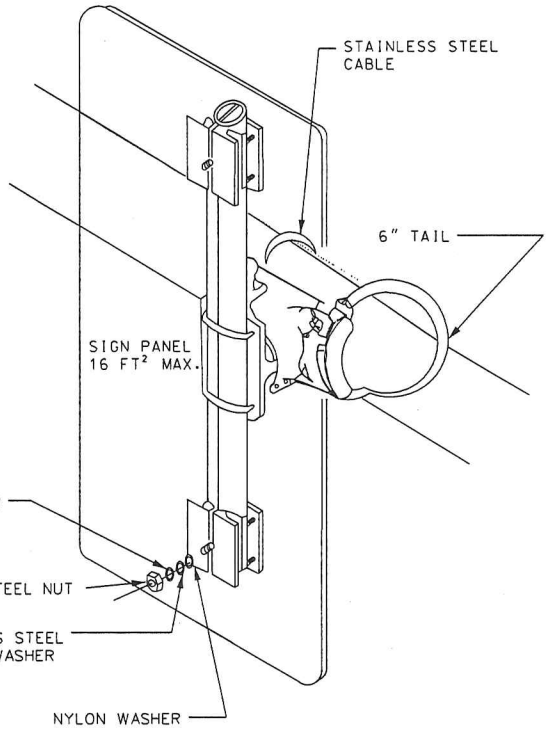
DWG. NO. 613.33

SPAN WIRE INSTALLATION



SMD-1

MAST ARM INSTALLATION



SMD-2

NOTES:

1. NUTS AND BOLTS USED FOR ATTACHMENT OF SIGN PANEL SHALL BE STAINLESS STEEL AND ¾"IN DIAMETER.
2. A 1¼" NYLON AND STAINLESS STEEL FENDER WASHER SHALL BE USED ON THE FRONT OF SIGN PANEL WHERE BOLT PASSES THROUGH SIGN PANEL.
3. ALL NUTS BOLTS AND WASHERS SHALL BE STAINLESS STEEL OR GALVANIZED STEEL UNLESS OTHERWISE INDICATED.
4. SPACERS SHALL BE INSTALLED BETWEEN THE EYELET OF THE SIGN HANGER AND THE SPAN WIRE CLAMP TO ELIMINATE ANY GAP.

ISSUED: 8/2015	
REVISION	APPROVAL

RECOMMENDED: _____ PROJECT MANAGER

APPROVED: Muhammed Khalid CHIEF ENGINEER

SIGN MOUNTING DETAILS

d. DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

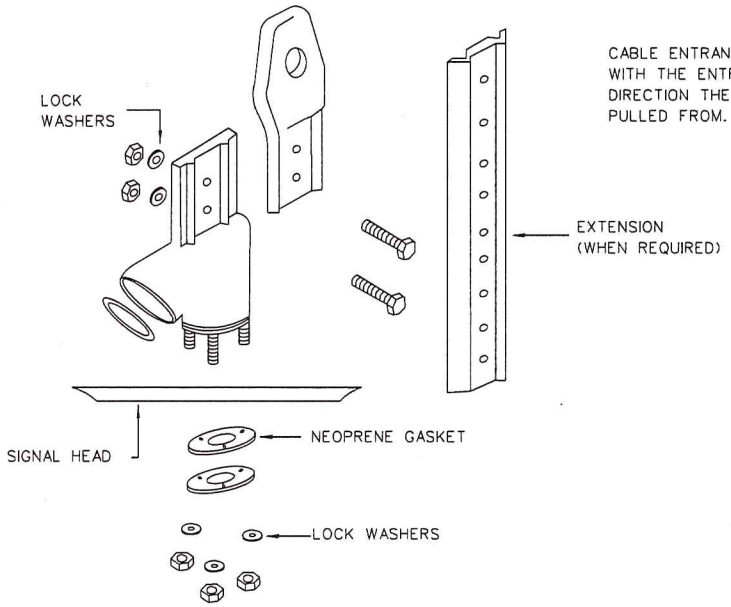
DWG. NO. 613.34

NOTES:

1. SIGNAL HEAD MOUNTED ON THE SAME SPAN WIRE SHALL BE INSTALLED SO THE BOTTOM SECTIONS ARE ON A LEVEL PLANE OR NO GREATER THAN 12" ABOVE THE BOTTOM OF THE LOWEST SIGNAL HEAD.

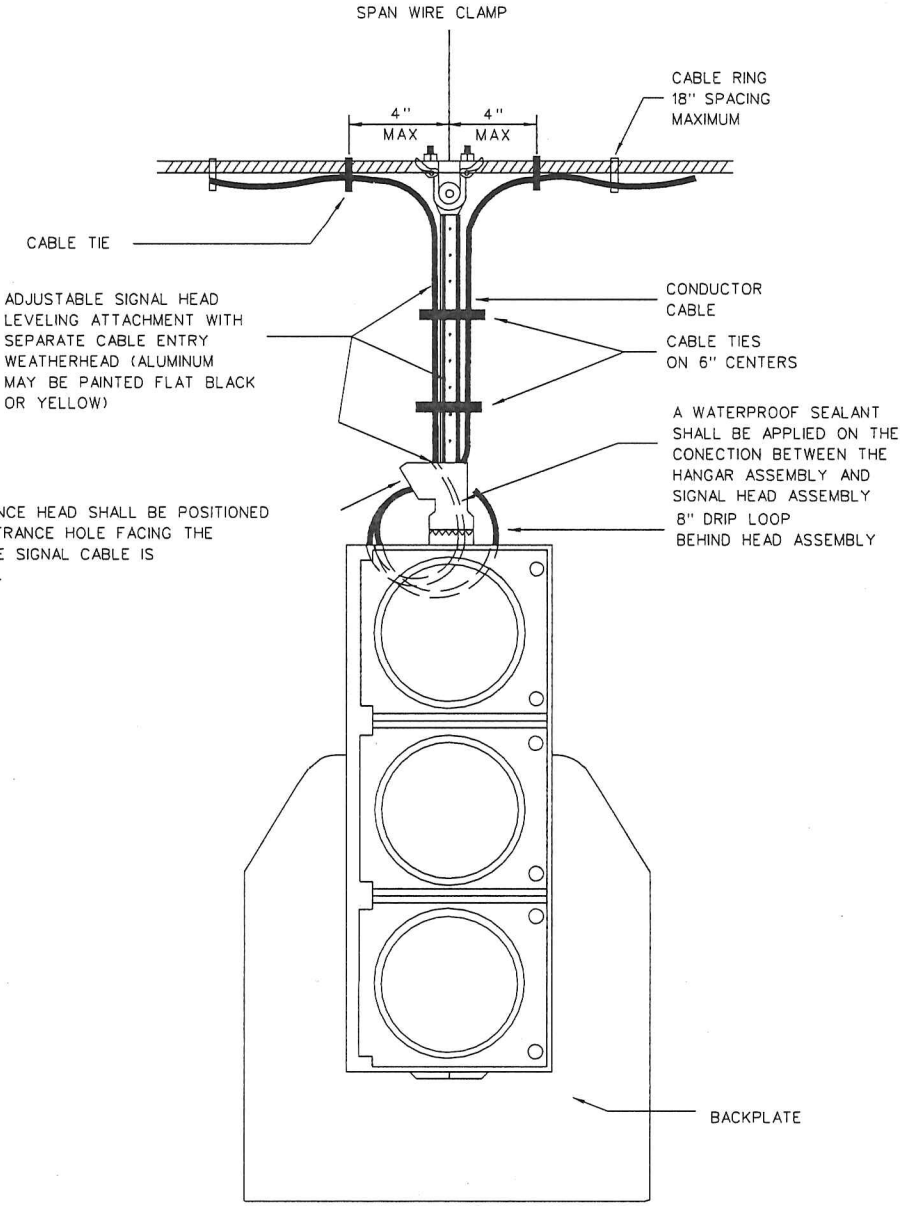
2. SIGNAL HEAD CABLES SHALL BE CONTINUOUS FROM THE CONTROLLER TO THE NEAREST SIGNAL HEAD TO WHICH IT APPLIES EXCEPT CABLE TERMINATIONS MAY BE ALLOWED ON THE POLE TERMINAL STRIP WHEN REQUIRED BY THE PLANS. THE CABLE SHALL ALSO BE CONTINUOUS FROM THE FIRST SIGNAL HEAD TO ANY ADDITIONAL HEADS WITH TERMINATION ON THE TERMINALS WITHIN THE SIGNAL HEAD HOUSING. ALL MISCELLANEOUS HARDWARE SHALL BE STAINLESS STEEL.

3. SPACERS SHALL BE INSTALLED BETWEEN THE EYELET OF THE HANGER ASSEMBLY AND THE INSIDE OF THE SPAN WIRE CLAMP TO ELIMINATE ANY GAP.



HANGER ASSEMBLY DETAILS

CABLE ENTRANCE HEAD SHALL BE POSITIONED WITH THE ENTRANCE HOLE FACING THE DIRECTION THE SIGNAL CABLE IS PULLED FROM.



ISSUED: 8/2015	
REVISION	APPROVAL

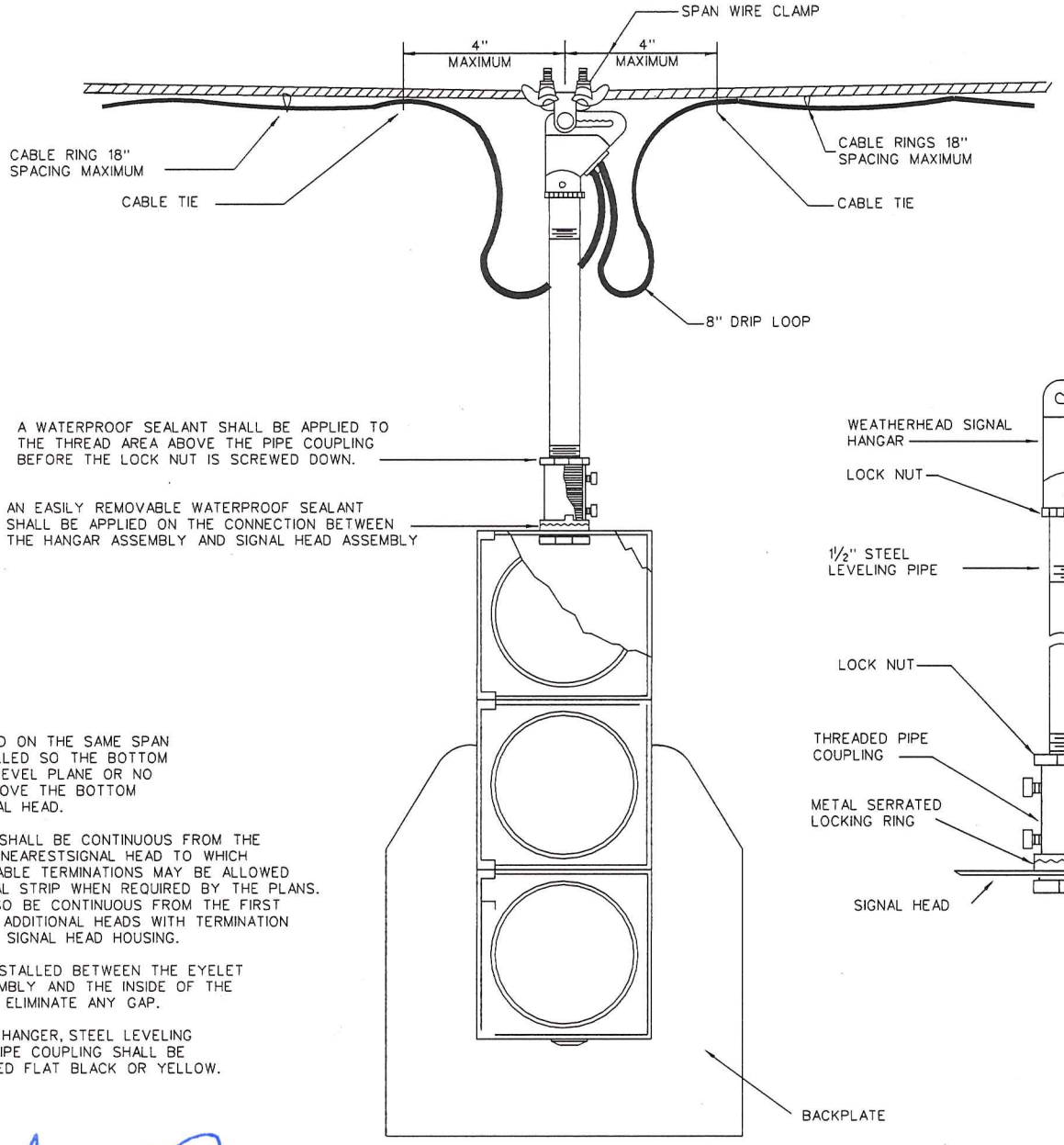
RECOMMENDED: _____ PROJECT MANAGER

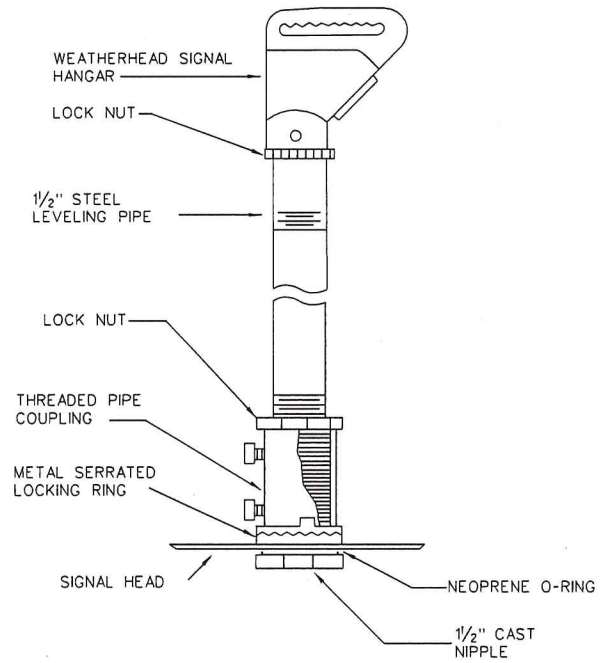
APPROVED: Mohammed Khalid CHIEF ENGINEER

SIGNAL HEAD MOUNTING DETAIL 2

d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION

DWG. NO. 613.35





NOTES:

1. SIGNAL HEADS MOUNTED ON THE SAME SPAN WIRE SHALL BE INSTALLED SO THE BOTTOM SECTIONS ARE ON A LEVEL PLANE OR NO GREATER THAN 12" ABOVE THE BOTTOM OF THE LOWEST SIGNAL HEAD.
2. SIGNAL HEAD CABLES SHALL BE CONTINUOUS FROM THE CONTROLLER TO THE NEARESTSIGNAL HEAD TO WHICH IT APPLIES EXCEPT CABLE TERMINATIONS MAY BE ALLOWED ON THE POLE TERMINAL STRIP WHEN REQUIRED BY THE PLANS. THE CABLE SHALL ALSO BE CONTINUOUS FROM THE FIRST SIGNAL HEAD TO ANY ADDITIONAL HEADS WITH TERMINATION TERMINALS AITHIN THE SIGNAL HEAD HOUSING.
3. SPACERS SHALL BE INSTALLED BETWEEN THE EYELET OF THE HANGER ASSEMBLY AND THE INSIDE OF THE SPAN WIRE CLAMP TO ELIMINATE ANY GAP.
4. WEATHERHEAD SIGNAL HANGER, STEEL LEVELING PIPE AND THREADED PIPE COUPLING SHALL BE GALVANIZED OR PAINTED FLAT BLACK OR YELLOW.

ISSUED: 8/2015	
REVISION	APPROVAL

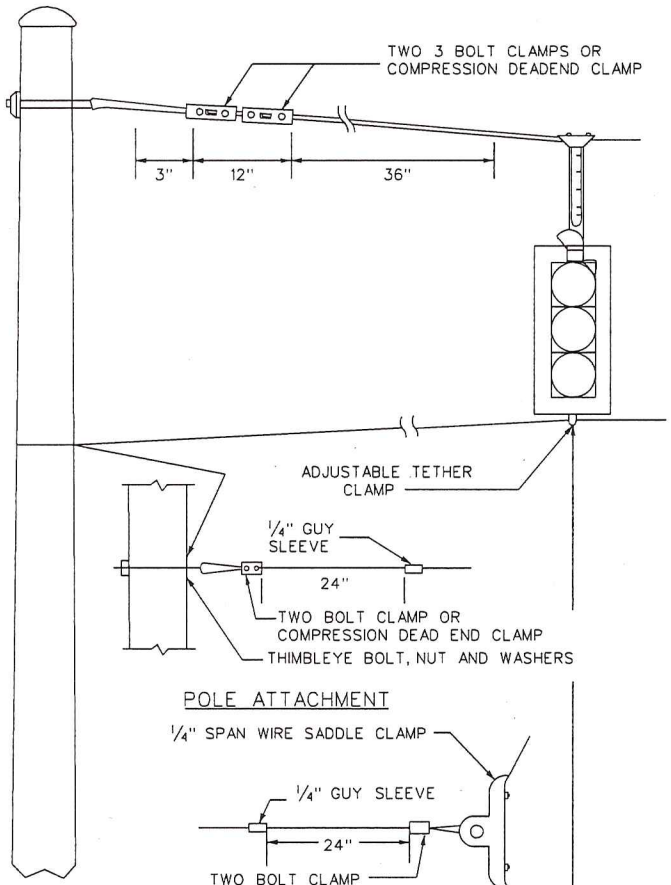
RECOMMENDED: _____ PROJECT MANAGER

APPROVED: Muhammed Khalid CHIEF ENGINEER

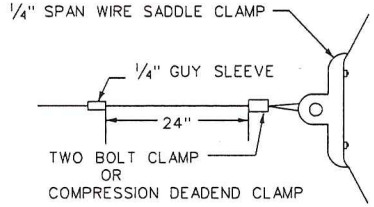
SIGNAL HEAD MOUNTING DETAIL 1

d. DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

DWG. NO. 613.36

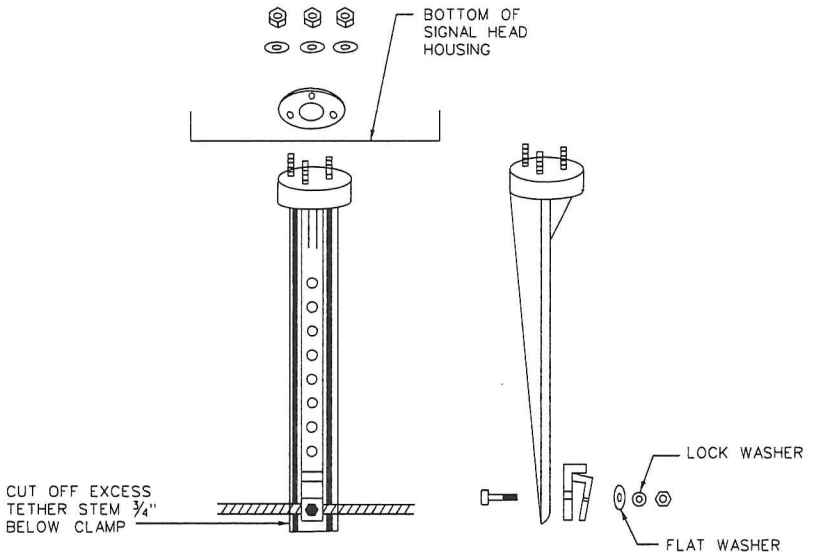


POLE ATTACHMENT

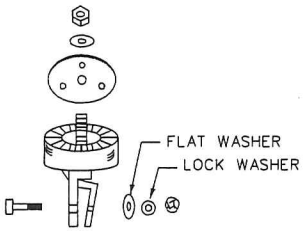


BRIDLE SPAN ATTACHMENT

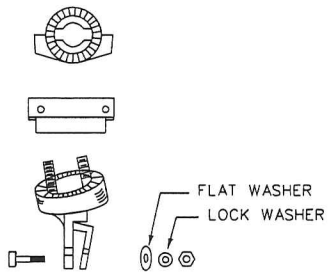
MINIMUM 16' CLEARANCE FROM HIGHEST POINT OF THE PAVAMENT SURFACE TO LOWEST POINT OF SIGNAL HEAD ASSEMBLY INCLUDING BACKPLATE AND TETHER CLAMP (INCLUDES SIGNAL HEADS ON BRIDLE SPAN).



ADJUSTABLE TETHER CLAMP

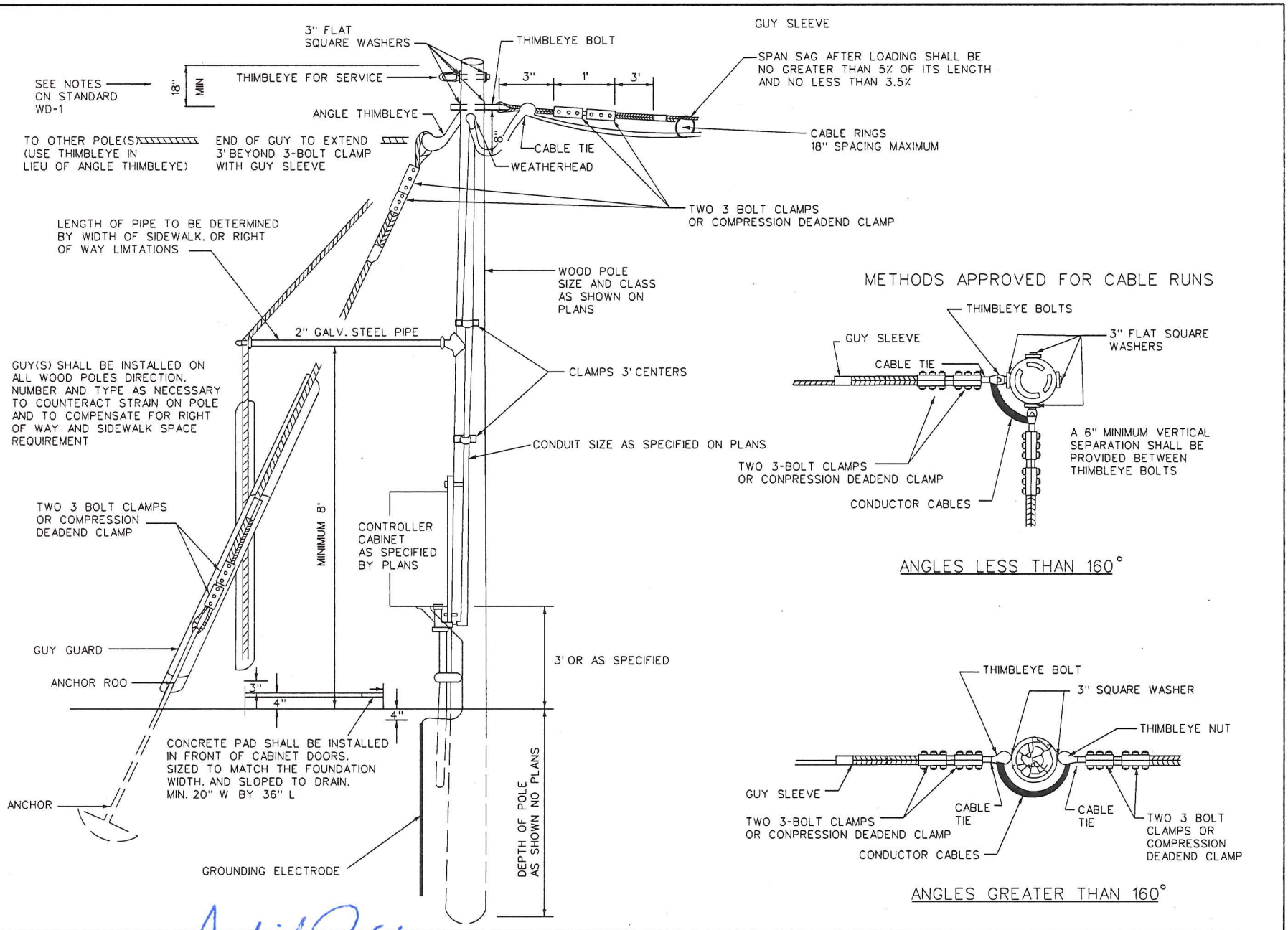


TETHER CLAMP



FIVE-HEAD CLUSTER
TETHER CLAMP

ISSUED: 8/2015	RECOMMENDED: Abdil Ruiz PROJECT MANAGER	TETHER WIRE DETAILS	d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION
REVISION / APPROVAL	APPROVED: Muhammed Khalid CHIEF ENGINEER		DWG. NO. 613.37



METHODS APPROVED FOR CABLE RUNS

ANGLES LESS THAN 160°

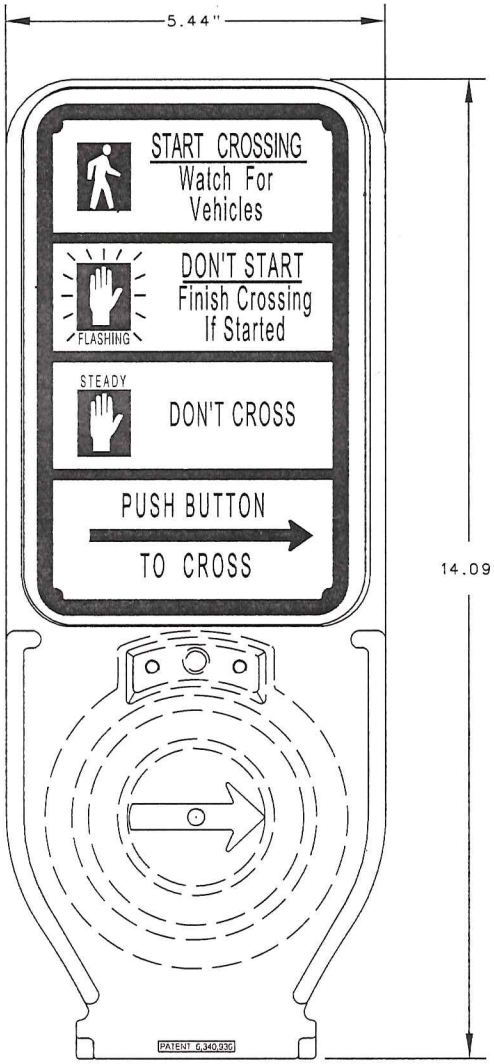
ANGLES GREATER THAN 160°

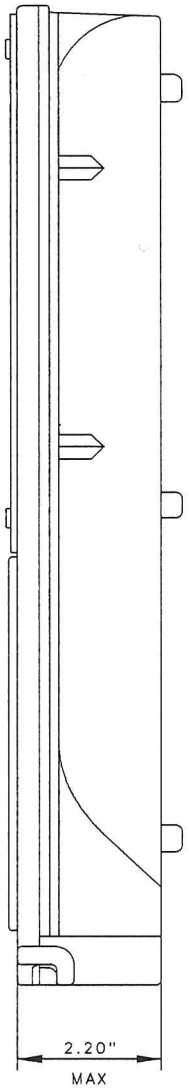
ISSUED: 8/2015	RECOMMENDED: Adil Rizi PROJECT MANAGER
REVISION / APPROVAL	APPROVED: Muhammed Khalid CHIEF ENGINEER

WOOD POLE DETAIL

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

DWG. NO. 613.38





ISSUED: 8/2015	
REVISION	APPROVAL

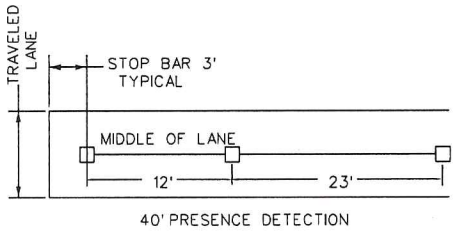
RECOMMENDED: _____ PROJECT MANAGER

APPROVED: Muhammed Khalid CHIEF ENGINEER

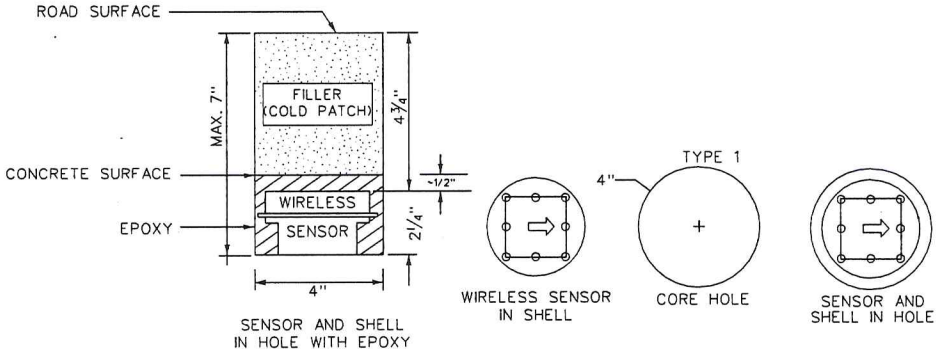
PEDESTRIAN PUSH BUTTON

d. DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

DWG. NO. 613.39



STOP BAR DETECTION SENSOR CONFIGURATION



MAGNETOMETER DETAIL

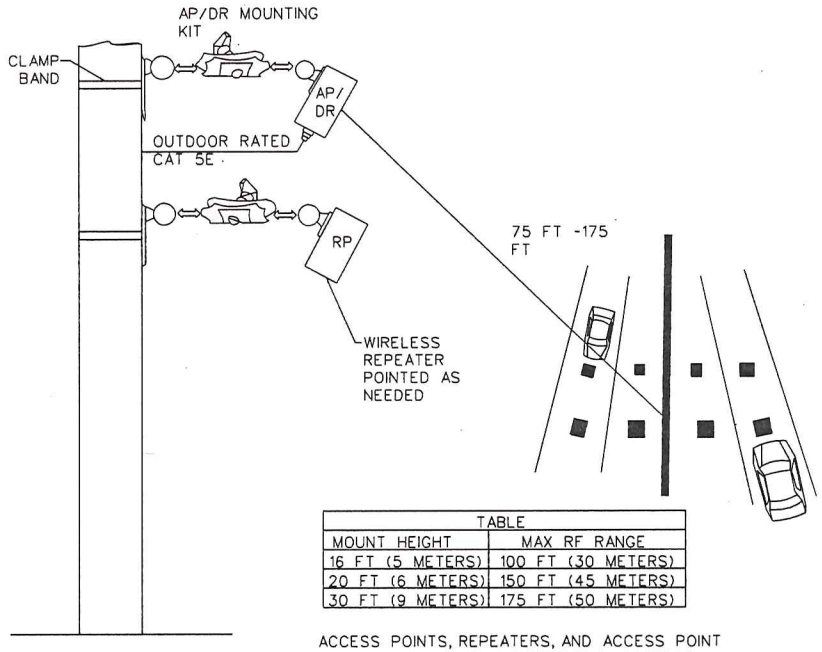
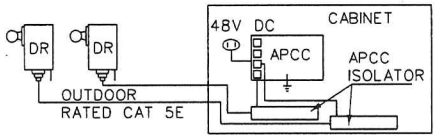


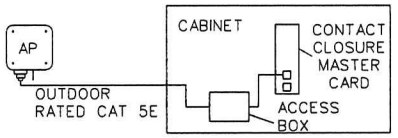
TABLE	
MOUNT HEIGHT	MAX RF RANGE
16 FT (5 METERS)	100 FT (30 METERS)
20 FT (6 METERS)	150 FT (45 METERS)
30 FT (9 METERS)	175 FT (50 METERS)

ACCESS POINTS, REPEATERS, AND ACCESS POINT DIGITAL RADIOS USE A DIRECTIONAL ANTENNA RANGE VALID FOR "LINE OF SITE" DISTANCE.

MOUNTING BRACKET ATTACHMENT AND LINE OF SIGHT DETAIL



ACCESS POINT CONTROLLER CARD AND DIGITAL RADIO WIRING DETAIL



ACCESS POINT WIRING DETAIL

ISSUED: 8/2015	
REVISION	APPROVAL

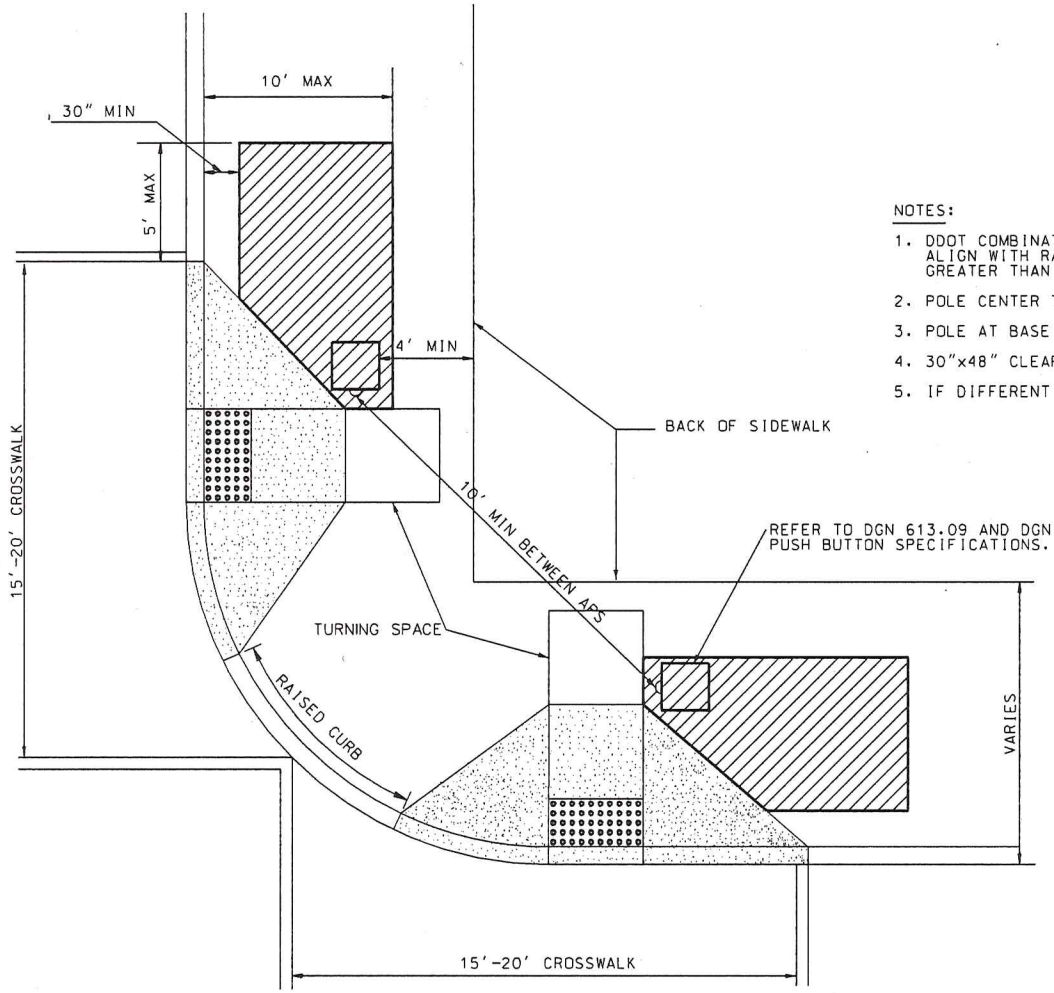
RECOMMENDED: _____ PROJECT MANAGER

APPROVED: Muhammed Khalid CHIEF ENGINEER

SENSOR INSTALLATION DETAILS

d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION

DWG. NO. 613.40



NOTES:

1. DDOT COMBINATION POLE AND APS ALIGNMENT ALLOWANCE: POLE CENTER TO ALIGN WITH RAMP GRADE BREAK AT SIDEWALK, BUT NOT LESS THAN 3' NOR GREATER THAN 8' FROM OUTER CURB EDGE.
2. POLE CENTER TO FLARE EAGE MIN. 20".
3. POLE AT BASE NOT TO REDUCE PAR CLEAR SPACE LESS THAN 4'.
4. 30"x48" CLEAR GROUND SPACE 2% SLOPE ALL DIRECTIONS.
5. IF DIFFERENT TYPE OF RAMP, PLEASE ASK ADA COORDINATOR FOR APS LOCATION.

RECOMMENDED APS INSTALLATION ZONE

ISSUED: 8/2015	
REVISION	APPROVAL

RECOMMENDED: _____ PROJECT MANAGER

APPROVED: Muhammed Khalid CHIEF ENGINEER

PEDESTRIAN PUSH BUTTON LOCATION FOR PERPENDICULAR RAMP

d. DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

DWG. NO. 613.41