



E. DAKOTA AVENUE

PLAN VIEW OF E. DAKOTA AVENUE IMPROVEMENTS.

E. DAKOTA AVENUE

SIDE ELEVATION VIEW OF E. DAKOTA AVENUE IMPROVEMENTS.

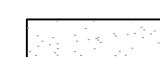
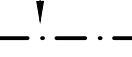
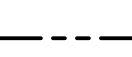
CONSTRUCTION NOTES AND SYMBOLS:

- (ADJ) ADJUST EXISTING PULL BOX RIM/COVER TO NEW FINISHED GRADES. IF DAMAGED, CONTRACTOR SHALL REPLACE AT THEIR DISPENSE.
- (C&G) CONSTRUCT CONCRETE CURB & GUTTER (6" CURB FACE) PER CITY OF FRESNO STANDARD P-5.
- (CB6) CONSTRUCT CONCRETE CURB WITH 6" CURB HEIGHT PER CITY OF FRESNO STANDARD P-9 AND PROJECT SPECIFICATIONS.
- (DE) DOWEL AND EPOXY INTO EXISTING CONCRETE VALLEY GUTTER PER CITY OF FRESNO STANDARD P-10 PRIOR TO POURING NEW VALLEY GUTTER. EPOXY DOWEL BAR SHALL HAVE 12" EMBEDMENT AND SHALL BE COATED WITH OIL. THE REMAINING DOWEL BAR EXTRUDED LENGTH SHALL BE 12", PRIOR TO POURING NEW VALLEY GUTTER. DOWEL BAR SHALL BE NO. 5 REBAR AT 14" O.C.
- (DFN) DEMOLISH AND DISPOSE OF EXISTING FENCE WITHIN CITY OF FRESNO RIGHT-OF-WAY AS REQUIRED TO CONSTRUCT SITE IMPROVEMENTS.
- (DTR) DEMOLISH AND DISPOSE OF EXISTING TREE WITHIN CITY OF FRESNO RIGHT-OF-WAY AS REQUIRED TO CONSTRUCT SITE IMPROVEMENTS.
- (FHR) CITY FORCES TO INSTALL NEW 6" FIRE HYDRANT ASSEMBLY, PERFORM WET TIE CONNECTION, AND REMOVE EXISTING 6" FIRE HYDRANT CONNECTION. CONTRACTOR COORDINATE CONNECTION AND PROVIDE THE 7" ASPHALT BACKFILL PER CITY STANDARD P-48.
- (P23) CONSTRUCT SIDEWALK DRAIN PER CITY OF FRESNO STANDARD P-23.
- (P28) CONSTRUCT CURB RAMP PER CITY OF FRESNO STANDARD P-28.
- (PCC) INSTALL 5-INCH THICK CONCRETE DRIVEWAY. DRIVEWAY SHALL CONFORM TO EXISTING ELEVATIONS AT SAWCUT LOCATIONS AS SHOWN PER THESE PLANS.
- (PFN) EXISTING FENCE TO REMAIN AND BE PROTECTED AT ALL TIMES.
- (PIP) PROTECT IN PLACE EXISTING UTILITY AND/OR FACILITY.
- (PTR) EXISTING TREE TO REMAIN.
- (RDW) CONSTRUCT RESIDENTIAL DRIVE APPROACH PER CITY OF FRESNO STANDARD P-1. DRIVE APPROACH SLOPES VARY TO MATCH EXISTING CONDITIONS.
- (REL) RELOCATE EXISTING UTILITY AND/OR FACILITY TO NEW LOCATION FOR ADA CLEARANCE.
- (SCC) SAWCUT AND MATCH EXISTING CONCRETE AND/OR SIDEWALK GRADES AND ALIGNMENT AT NEAREST CONCRETE JOINT.
- (SCP) SAWCUT AND MATCH EXISTING AC PAVEMENT TO STRAIGHT CLEAN EDGE. FEATHER AS NECESSARY FOR SMOOTH PAVING TRANSITION.
- (SW) CONSTRUCT CONCRETE SIDEWALK PER CITY OF FRESNO STANDARD P-5.
- (TC) TRANSITION GRADES FROM NEW CONCRETE SURFACE IMPROVEMENTS TO EXISTING GRADES.

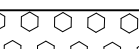
CONSTRUCTION LEGEND:

- [Symbol] INSTALL TRUNCATED DOMES PER CITY OF FRESNO STANDARD P-32.
- [Symbol] INSTALL/CONSTRUCT 7" AC PLUG ON GAP BETWEEN SAWCUT LINE AND PROPOSED FACE OF CONCRETE AND/OR LIP OF GUTTER PER CITY OF FRESNO STANDARD P-48. WHERE APPLICABLE, THE FINAL 0.25' OF AC SHALL BE LAID WITH FINAL LIFT.
- [Symbol] INSTALL/CONSTRUCT 10.5" AC PLUG ON GAP BETWEEN SAWCUT LINE AND PROPOSED FACE OF CONCRETE AND/OR LIP OF GUTTER PER CITY OF FRESNO STANDARD P-48. WHERE APPLICABLE, THE FINAL 0.25' OF AC SHALL BE LAID WITH FINAL LIFT.
- [Symbol] LIMITS OF CONCRETE IMPROVEMENTS.
- [Symbol] # RELOCATE EXISTING FACILITY AND/OR UTILITY FROM EXISTING LOCATION (DASHED LINE) TO NEW PROPOSED LOCATION (SOLID LINE) PER CITY OF FRESNO STANDARDS.
- [Symbol] --- ASPHALT/CONCRETE SAWCUT
- [Symbol] - - - EXISTING RIGHT-OF-WAY
- [Symbol] --- GRADE BREAK
- [Symbol] ← RUNOFF FLOW DIRECTION
- [Symbol] ○ EXISTING SIGN TO REMAIN. IF EXISTING LOCATION DOES NOT ALLOW FOR 4' CLEAR PATH OF TRAVEL ALONG NEW SIDEWALK, CONTRACTOR SHALL RELOCATE SIGN TO THE NEAREST LOCATION BEHIND CURB PER CITY OF FRESNO STANDARD P-88.
- [Symbol] ⊕ PROPOSED WATER VALVE TO BE INSTALLED BY CITY OF FRESNO WATER DIVISION.
- [Symbol] ● PROPOSED FIRE HYDRANT TO BE INSTALLED BY CITY OF FRESNO WATER DIVISION.



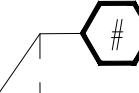
	ADJUST EXISTING PULL BOX RIM/COVER TO NEW FINISHED GRADES. IF DAMAGED, CONTRACTOR SHALL REPLACE AT THEIR DISPENSE.		INSTALL TRUNCATED DOMES PER CITY OF FRESNO STANDARD P-32.	
	CONSTRUCT CONCRETE CURB & GUTTER (6" CURB FACE) PER CITY OF FRESNO STANDARD P-5.		INSTALL/CONSTRUCT 7" AC PLUG ON GAP BETWEEN SAWCUT LINE AND PROPOSED FACE OF CONCRETE AND/OR LIP OF GUTTER PER CITY OF FRESNO STANDARD P-48. WHERE APPLICABLE, THE FINAL 0.25' OF AC SHALL BE LAID WITH FINAL LIFT.	
	CONSTRUCT CONCRETE CURB WITH 6" CURB HEIGHT PER CITY OF FRESNO STANDARD P-9 AND PROJECT SPECIFICATIONS.			
	DOWEL AND EPOXY INTO EXISTING CONCRETE VALLEY GUTTER PER CITY OF FRESNO STANDARD P-10 PRIOR TO POURING NEW VALLEY GUTTER. EPOXY DOWEL BAR SHALL HAVE 12" EMBEDMENT AND SHALL BE COATED WITH OIL. THE REMAINING DOWEL BAR EXTRUDED LENGTH SHALL BE 12", PRIOR TO POURING NEW VALLEY GUTTER. DOWEL BAR SHALL BE NO. 5 REBAR AT 14" O.C.		INSTALL/CONSTRUCT 10.5" AC PLUG ON GAP BETWEEN SAWCUT LINE AND PROPOSED FACE OF CONCRETE AND/OR LIP OF GUTTER PER CITY OF FRESNO STANDARD P-48. WHERE APPLICABLE, THE FINAL 0.25' OF AC SHALL BE LAID WITH FINAL LIFT.	
	DEMOLISH AND DISPOSE OF EXISTING FENCE WITHIN CITY OF FRESNO RIGHT-OF-WAY AS REQUIRED TO CONSTRUCT SITE IMPROVEMENTS.		LIMITS OF CONCRETE IMPROVEMENTS.	
	DEMOLISH AND DISPOSE OF EXISTING TREE WITHIN CITY OF FRESNO RIGHT-OF-WAY AS REQUIRED TO CONSTRUCT SITE IMPROVEMENTS.		RELOCATE EXISTING FACILITY AND/OR UTILITY FROM EXISTING LOCATION (DASHED LINE) TO NEW PROPOSED LOCATION (SOLID LINE) PER CITY OF FRESNO STANDARDS.	
	CITY FORCES TO INSTALL NEW 6" FIRE HYDRANT ASSEMBLY, PERFORM WET TIE CONNECTION, AND REMOVE EXISTING 6" FIRE HYDRANT CONNECTION. CONTRACTOR COORDINATE CONNECTION AND PROVIDE THE 7" ASPHALT BACKFILL PER CITY STANDARD P-48.		ASPHALT/CONCRETE SAWCUT	
	CONSTRUCT SIDEWALK DRAIN PER CITY OF FRESNO STANDARD P-23.		EXISTING RIGHT-OF-WAY	
	CONSTRUCT CURB RAMP PER CITY OF FRESNO STANDARD P-28.		GRADE BREAK	
	INSTALL 5-INCH THICK CONCRETE DRIVEWAY. DRIVEWAY SHALL CONFORM TO EXISTING ELEVATIONS AT SAWCUT LOCATIONS AS SHOWN PER THESE PLANS.		RUNOFF FLOW DIRECTION	
	EXISTING FENCE TO REMAIN AND BE PROTECTED AT ALL TIMES.		EXISTING SIGN TO REMAIN. IF EXISTING LOCATION DOES NOT ALLOW FOR 4' CLEAR PATH OF TRAVEL ALONG NEW SIDEWALK, CONTRACTOR SHALL RELOCATE SIGN TO THE NEAREST LOCATION BEHIND CURB PER CITY OF FRESNO STANDARD P-88.	
	PROTECT IN PLACE EXISTING UTILITY AND/OR FACILITY.		PROPOSED WATER VALVE TO BE INSTALLED BY CITY OF FRESNO WATER DIVISION.	
	EXISTING TREE TO REMAIN.		PROPOSED FIRE HYDRANT TO BE INSTALLED BY CITY OF FRESNO WATER DIVISION.	
	CONSTRUCT RESIDENTIAL DRIVE APPROACH PER CITY OF FRESNO STANDARD P-1. DRIVE APPROACH SLOPES VARY TO MATCH EXISTING CONDITIONS.			
	RELOCATE EXISTING UTILITY AND/OR FACILITY TO NEW LOCATION FOR ADA CLEARANCE.			
	SAWCUT AND MATCH EXISTING CONCRETE AND/OR SIDEWALK GRADES AND ALIGNMENT AT NEAREST CONCRETE JOINT.			
	SAWCUT AND MATCH EXISTING AC PAVEMENT TO STRAIGHT CLEAN EDGE. FEATHER AS NECESSARY FOR SMOOTH PAVING TRANSITION.			
	CONSTRUCT CONCRETE SIDEWALK PER CITY OF FRESNO STANDARD P-5.			
	TRANSITION GRADES FROM NEW CONCRETE SURFACE IMPROVEMENTS TO EXISTING GRADES.			
	CONSTRUCT CONCRETE VALLEY GUTTER PER CITY OF FRESNO STANDARD P-10.			

INSTALL TRUNCATED DOMES PER CITY OF FRESNO STANDARD P-32.

 INSTALL/CONSTRUCT 7" AC PLUG ON GAP BETWEEN SAWCUT LINE AND PROPOSED FACE OF CONCRETE AND/OR LIP OF GUTTER PER CITY OF FRESNO STANDARD P-48. WHERE APPLICABLE, THE FINAL 0.25' OF AC SHALL BE LAID WITH FINAL LIFT.

 INSTALL/CONSTRUCT 10.5" AC PLUG ON GAP BETWEEN SAWCUT LINE AND PROPOSED FACE OF CONCRETE AND/OR LIP OF GUTTER PER CITY OF FRESNO STANDARD P-48. WHERE APPLICABLE, THE FINAL 0.25' OF AC SHALL BE LAID WITH FINAL LIFT.

 LIMITS OF CONCRETE IMPROVEMENTS.

 RELOCATE EXISTING FACILITY AND/OR UTILITY FROM EXISTING LOCATION (DASHED LINE) TO NEW PROPOSED LOCATION (SOLID LINE) PER CITY OF FRESNO STANDARDS.

 ASPHALT/CONCRETE SAWCUT

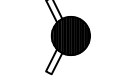
 EXISTING RIGHT-OF-WAY

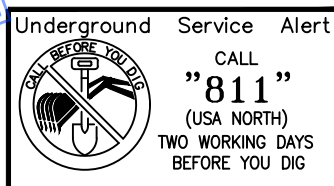
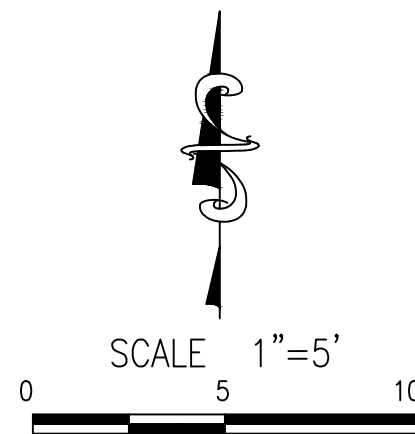
 GRADE BREAK

 RUNOFF FLOW DIRECTION

 EXISTING SIGN TO REMAIN. IF EXISTING LOCATION DOES NOT ALLOW FOR 4' CLEAR PATH OF TRAVEL ALONG NEW SIDEWALK, CONTRACTOR SHALL RELOCATE SIGN TO THE NEAREST LOCATION BEHIND CURB PER CITY OF FRESNO STANDARD P-88.

 PROPOSED WATER VALVE TO BE INSTALLED BY CITY OF FRESNO WATER DIVISION.

 PROPOSED FIRE HYDRANT TO BE INSTALLED BY CITY OF FRESNO WATER DIVISION.



CITY OF FRESNO		DEPARTMENT OF PUBLIC WORKS	
BLACKSTONE AND DAKOTA AHSC SMART MOBILITY IMPROVEMENTS		REVIEWED:	
		OFFICE ENG. _____	CITY ENG. _____
		DR. BY: <u>AM/EC</u>	SHEET NO. <u>4</u>
		CH. BY: _____	OF <u>26</u> SHEETS
		DATE: <u>05/26/2016</u>	
DAKOTA GRADING DETAILS (1 OF 3)		SCALE: AS SHOWN	15-E-XXXXX

